

Monthly Index *of* Russian Accessions



Volume 21, No. 7

October 1968

THE LIBRARY OF CONGRESS

WASHINGTON : 1968

[^]
HUMANITIES

CARNEGIE LIBRARY OF PITTSBURGH

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1956 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1956. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. oksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$23.00 a year domestic, \$5.75 a year additional for foreign mailing.

L. C. card, 48-46562

* Volumes 1-10 (No. 9), 1948-1957. Issued under title *Monthly List of Russian Accessions*

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

VOLUME 21, NO. 7

OCTOBER 1968

TABLE OF CONTENTS

Part A—Monographic Works

	Page
1. General.....	1685
2. Bibliography.....	1685
3. Philosophy & Religion.....	1685
4. History.....	1685
5. Social Sciences.....	1686
6. Political Science.....	1687
7. Law.....	1688
8. Education.....	1688
9. Music, Theater & Motion Pictures.....	1688
10. Fine Arts.....	1688
11. Language, Literature & Folklore.....	1688
12. Geography & Geology.....	1690
13. Science.....	1690
14. Medicine.....	1693
15. Agriculture.....	1693
16. Technology.....	1694
17. Military & Naval Sciences.....	1699

Part B—Periodicals

1. General	
<i>a.</i> Scholarly journals.....	1700
<i>b.</i> Popular magazines.....	1703
2. Bibliography	
<i>a.</i> Bibliography.....	1704
<i>b.</i> Libraries & library science.....	.....
<i>c.</i> Printing & the book trade.....	.....
3. Philosophy & Religion	
<i>a.</i> Philosophy.....	1704
<i>b.</i> Religion.....	1704
4. History	
<i>a.</i> General.....	1704
<i>b.</i> Archaeology & antiquities.....	1705
5. Social Sciences	
<i>a.</i> Commerce.....	1705
<i>b.</i> Economics.....	1706
<i>c.</i> Finance.....	.....
<i>d.</i> Labor.....	.....
<i>e.</i> Sociology.....	1708
6. Political Science.....	1708
7. Law.....	1709
8. Education	
<i>a.</i> General.....	1709
<i>b.</i> Physical education & games.....	1710

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1956 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1956. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Bull. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Bulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$23.00 a year domestic, \$5.75 a year additional for foreign mailing.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

VOLUME 21, NO. 7

OCTOBER 1968

TABLE OF CONTENTS

Part A—Monographic Works

	Page
1. General.....	1685
2. Bibliography.....	1685
3. Philosophy & Religion.....	1685
4. History.....	1685
5. Social Sciences.....	1686
6. Political Science.....	1687
7. Law.....	1688
8. Education.....	1688
9. Music, Theater & Motion Pictures.....	1688
10. Fine Arts.....	1688
11. Language, Literature & Folklore.....	1688
12. Geography & Geology.....	1690
13. Science.....	1690
14. Medicine.....	1693
15. Agriculture.....	1693
16. Technology.....	1694
17. Military & Naval Sciences.....	1699

Part B—Periodicals

1. General	
<i>a.</i> Scholarly journals.....	1700
<i>b.</i> Popular magazines.....	1703
2. Bibliography	
<i>a.</i> Bibliography.....	1704
<i>b.</i> Libraries & library science.....	.....
<i>c.</i> Printing & the book trade.....	.....
3. Philosophy & Religion	
<i>a.</i> Philosophy.....	1704
<i>b.</i> Religion.....	1704
4. History	
<i>a.</i> General.....	1704
<i>b.</i> Archaeology & antiquities.....	1705
5. Social Sciences	
<i>a.</i> Commerce.....	1705
<i>b.</i> Economics.....	1706
<i>c.</i> Finance.....	.....
<i>d.</i> Labor.....	.....
<i>e.</i> Sociology.....	1708
6. Political Science.....	1708
7. Law.....	1709
8. Education	
<i>a.</i> General.....	1709
<i>b.</i> Physical education & games.....	1710

9. Music, Theater & Motion Pictures	Page
<i>a.</i> Motion pictures.....	1710
<i>b.</i> Music.....	1710
<i>c.</i> Theater.....	1710
10. Fine Arts	
<i>a.</i> General.....	1710
<i>b.</i> Architecture.....	.....
11. Language, Literature & Folklore	
<i>a.</i> Language.....	1710
<i>b.</i> Literature & folklore.....	1710
12. Geography & Geology	
<i>a.</i> Ethnology.....	1711
<i>b.</i> Geography.....	1711
<i>c.</i> Geology & paleontology.....	1712
13. Science	
<i>a.</i> General.....	1715
<i>b.</i> Astronomy.....	1716
<i>c.</i> Biology.....	1716
<i>d.</i> Chemistry.....	1721
<i>e.</i> Mathematics.....	1729
<i>f.</i> Physics.....	1731
14. Medicine	
<i>a.</i> General.....	1738
<i>b.</i> Gynecology, obstetrics & pediatrics.....	.....
<i>c.</i> Neurology & psychiatry.....	1742
<i>d.</i> Ophthalmology & otorhinolaryngology.....	.....
<i>e.</i> Pathology & therapeutics.....	1742
<i>f.</i> Pharmacy & materia medica.....	1743
<i>g.</i> Public health & nursing.....	1744
<i>h.</i> Surgery & dentistry.....	.....
<i>i.</i> Venereology & dermatology.....	.....
15. Agriculture	
<i>a.</i> General.....	1744
<i>b.</i> Animal industry.....	1745
<i>c.</i> Forestry.....	1747
<i>d.</i> Plant culture.....	1747
16. Technology	
<i>a.</i> General.....	1747
<i>b.</i> Aeronautics.....	1751
<i>c.</i> Chemical technology.....	1751
<i>d.</i> Civil & construction engineering.....	1756
<i>e.</i> Electrical engineering.....	1762
<i>f.</i> Industries & trades.....	1766
<i>g.</i> Mechanical engineering.....	1768
<i>h.</i> Mining & metallurgy.....	1775
17. Military & Naval Sciences	
<i>a.</i> Military science.....	1784
<i>b.</i> Naval science.....	1786
Part C—List of Periodicals Indexed and Abbreviations Used.....	1787
Subject Index to Monographs and Periodicals.....	1792
Part D—Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages recently cataloged by the Library of Congress	1954

1. GENERAL

- TOPALOVA, I. I. [The military tribune. The communist press of Bulgaria during the fascist dictatorship] Boevai tribuna. Kommunist, perhat' Bulgari v gody fashistskoj diktatury. Moskva, "Znaniye," 1968, 48 p.

2. BIBLIOGRAPHY

1685

5. SOCIAL SCIENCES

- [ANTHROPIC RELATIONS IN THE COUNTRIES OF SOUTH-EAST ASIA] *Antropnye otnosheniya v stranakh Iugo-Vostochnoi Azii*. Moskva, "Nauka," 1962. 234 p.
- [AGRICULTURAL FINANCE. A textbook] *Finansy sel'skogo khozaystva*. Ucheb. posobie. Pod red. V. A. Abramova. Moskva, "Mysl'," 1957. 111 p.
- AKIMEDOVA, M. A. [Experience in the transition of the republics of the Soviet East to socialism and its special features]. *Opyt perekhoda respublik Sovetskogo Vostoka na put' sotsializma i ego osobennosti*. Tashkent, "Uzbekistan," 1962. 147 p.
- ANDREEV, V. S. [Social insurance in the U. S. S. R. (A textbook)]. *Sotsialnoe ostrokhovanie v SSSR*. (Ucheb. posobie). Moskva, "Znanie," 1962. 60 p. (Kad. uch. i nauch. pravoryki znaniy, 5).
- ARTSEV, F. A. [In the service of the trade-union activists of public health institutions]. *V posluzh'e profsoyuznykh aktivistov zdorovoohraneniya*. (Moskva) Protizdat, 1956. 160 p.
- BAGDASARIAN, V. O. [Incentives and penalties in agricultural production]. *O stimulyakh i sanktsiyakh sel'skookhoziaistvennogo proizvodstva*. Erevan, "YMK," 1962. 119 p.
- BERNSTADTER, R. U. [The ether of the world. A book of travels]. *Drogiel krat sveta. Kniga putestestviy*. Moskva, "Nov. pisatel'," 1961. 271 p.
- [BIBLIOGRAPHY OF ARTICLES ON INDUSTRIAL SAFETY, 1958-1963; printed in the publications of the All-Union Central Scientific Research Institute of Industrial Safety of the All-Union Central Council of Trade Unions] *Bibliograficheskiy ukazatel' stat' po bezopasnosti*, 1958-1963 gg.; po izdaniyam Vsesoyuznogo tsentral'nogo nauchno-issledovatel'skogo instituta zdorov'ya i truda VTSPPS. Moskva, 1964. 25 p.
- BOHUVICH, I. M. [Russian-Finnish economic relations in the eve of the Great October Socialist Revolution. (Epoch of Imperialism)]. *Russko-finskoye ekonomicheskoye otnosheniye kakimye Velikoy Oktoberskoy sotsialisticheskoy revolyutsii i Epokha Imperializma*. Leningrad [Ld. Leningr. univ.], 1956. 193 p.
- [THE BIRYAT A. S. S. R. DURING THE LAST 50 YEARS. A statistical abstract]. *Buriatskaya ASSR za 50 let*. Stat. sbornik. Ulan-Ude, Burit. kn. izd., 1967. 95 p.
- [BUSINESS ACCOUNTING AND INCENTIVES IN AGRICULTURE] *Khozraschet i stimulyatsiya v sel'skom khozaystve*. Pod red. A. M. Kuchel'anova. Moskva, Izd. Mosk. univ., 1966. 244 p.
- [CALCULATING MACHINES AND COMPUTATIONS IN ACCOUNTING] *Schetnye mashiny i vychisleniya v bukhgalterskom uchebe*. Moskva, "Statistika," 1967. 296 p.
- [CHELYABINSK. Ten trips through the city]. *Cheliabinsk. Desyat putestestviy po gorodu*. [Cheliabinsk], IZHNORUf'skoye kn. izd. 1967. 445 p.
- CHETVYKHIN, V. M. [Problems of economic regionalization]. *Problemy voprosy ekonomicheskogo regionalizatsii*. Tashkent, "Fan," 1967. 121 p.
- [THE COMRADE. A handbook for the Pioneer]. *Tovariotch. Spuznik pionera*. (Moskva, "Mol. gardiya," 1967) 287 p.
- [CURRENT ECONOMIC PROBLEMS IN THE BUILDING OF COMMUNISM] *Aktualnye ekonomicheskie problemy kommunistskogo stroitel'stva*. Pod obshch. red. S. M. Malinina, i dr. Minsk, "Vysheish. shkola," 1967. 283 p.
- ORIZ, I. D., G. A. EGIAZARIAN, and D. K. KARPUKHIN. [The material incentive fund]. *Fond material'nogo poощreniya*. Moskva, "Ekonomika," 1958. 118 p.
- DVORKIN, I. N. [K. Marx's "Das Kapital" and modern bourgeois political economy]. *"Kapital" K. Marksa i sovremennaya burzhaznaya politicheskaya ekonomika*. Moskva, "Znanie," 1968. 48 p. (Novee v zhizni, nauke, tekhnike. Seriya "Ekonomika," 4).
- [ECONOMIC GEOGRAPHY OF THE WHITE RUSSIAN S. S. R.] *Ekonomicheskaya geografiya BSSR*. Pod obshch. red. S. M. Mel'nikova. Minsk, "Vysheish. shkola," 1967. 240 p.
- [ECONOMY OF LIPETSK PROVINCE DURING THE YEARS OF THE SOVIET REGIME; a statistical abstract] *Narodnoe khozaystvo Lipetskoi oblasti za gody Sovetskoy vlasti*. Statisticheskii sbornik. Voronezh, Tsentral'no-Chernozemnye kn. izd., 1967. 165 p.
- EZHOV, V. A. [Workers of Leningrad in the postwar years (1946-1950)]. *Rabochie Leningrada v poslevoynnye gody (1946-1950)*. Leningrad, Izd. Leningr. univ., 1958. 119 p.
- FEODONTOV, V. I. A. [Efficiency of production and proposals in the national economy]. *Effektivnost' proizvodstva i predlozheniya v narodnom khozaystve*. Leningrad, 1968. 32 p.
- [THE 40th ANNIVERSARY OF THE GREAT OCTOBER SOCIALIST REVOLUTION AND THE 45th ANNIVERSARY OF THE AUTONOMY OF BURETIA. Formal meeting of the Province Committee of the CPSU, the Supreme Soviet and the Council of Ministers of the Buryat A. S. S. R. Verbalnyy report, November 4, 1965]. *40-ya godovshchina Velikoy Oktoberskoy sotsialisticheskoy revolyutsii i 45-letie obrazovaniya avtonomii Buriatskoy Narodnoy Respubliki zasessiya oblasnogo komiteta KPSS, Verkhovnogo Soveta i Soveta Ministrov Buriatskoy ASSR*. Stenograficheskiy otchet, 4 noyabrya 1965 goda. Ulaanbaatar, "Udmurtika," 1958. 82 p.
- GAL'PEIN, G. L. [Side by side with the equator]. *Ekvator i yadno*. Moskva, "Mysl'," 1968. 263 p. (Puteshestviya. Polificheskaya, Fantastika).
- [A HISTORICAL AND SOCIOLOGICAL STUDY OF THE VILLAGE OF MOLDINO] *Opyt istoriko-sotsiologicheskogo izucheniya sela Moldino*. Moskva, "Mosk. rabochiy," 1966. 133 p.
- IVANOV, A. P., and N. D. LADYGIN. [At the threshold of scientific agriculture]. *Na porog nauchnogo zemledeliya*. Moskva, "Russk. khozaystvo," 1957. 102 p.
- KHAYIN, A. F. [At the helm of industry. (Documentary sketches)] *U rula industrii*. (Dokument. ocherki). Moskva, Politizdat, 1968. 232 p.
- KIRILOV, F. A. [Financing and issuing credit to agriculture]. *Finansirovaniye i kreditovaniye sel'skogo khozaystva*. Izd. 2-o, pererabot. i dop. Moskva, "Finansy," 1968. 247 p.
- KOSELEV, V. I. [Participation of the rural intelligentsia in educational work]. *Uchastie intelligentsii sel'skookhoziaistvennoy oblasti v obrazovatel'noy rabote*. (Moskva) Protizdat, 1967. 63 p. (Biblioteka sel'skookhoziaistvennogo aktivista, no. 23(49)).
- KONONOVICH, V. S. [Mass-cultural work on a state farm]. *Massovaya kul'turnaya rabota v goskhozze*. (Moskva) Protizdat, 1957. 62 p. (Biblioteka sel'skookhoziaistvennogo aktivista, no. 21(4)).
- [LATVIA DURING THE YEARS OF THE SOVIET REGIME. A statistical abstract]. *Latvija za gody Sovetskoy vlasti*. Stat. sbornik. Riga, "Statistika," 1967. 403 p.
- LEICHUR, V. S. [Changing swords into ploughs. A story about the fourth five-year plan (1946-1950)]. *Swordy mechi na orala. Rasskaz o 4-letniy planke (1946-1950)* gg. I. Moskva, Politizdat Uralnii, 1967. 110 p. (Stranitsy istorii Sovetskoy Rodiny).
- LESENKO, G. V., and O. P. KORSEN. [Safety measures on collective farms]. *Ohrana truda v kollektivakh*. (Moskva) Protizdat, 1967. 40 p. (B-chka sel. profsoyuznogo aktivista, 21(93)).
- LEVCHUK, I. V. [Long-term agricultural credit]. *Dolgoerochnyy sel'skookhoziaistvennyy kredit*. Moskva, "Finansy," 1967. 111 p.
- MALYI, I. G. [Statistical problems in Karl Marx's "Das Kapital."]. *Voprosy statistiki v "Kapitale" Karla Marksa*. Moskva, "Statistika," 1967. 210 p.
- MIGULKEVICH, V. N. [Law on pensions and benefits for collective-farm members in operation]. *Zakon o pensiyakh i posobiekh chlenam kollektivnykh i delat' (2-o dop. izd.)*. Moskva, "Russk. khozaystvo," 1958. 50 p. (Chto dolzhen znat' kollektivnyy i pensionnyy i posobiashch).
- MISHINA, K. P. [Planning the work of the trade-union committee]. *Planirovaniye raboty profsoyuznogo komiteta*. (Moskva) Protizdat, 1968. 47 p. (B-chka profsoyuznogo aktivista 2 (194)).
- MOISEENKO, G. I. [Accounting in the trade of the German Democratic Republic]. *Budzhaltirskiy uchet v torgovle GDR*. Moskva, "Finansy," 1968. 63 p.
- [ORGANIZATION AND MANAGEMENT. (Problems of theory and practice)] *Organizatsiya i upravleniye*. (Voprosy teorii i praktiki). Moskva, "Nauka," 1968. 222 p. (Seriya "Organizatsiya i upravleniye").
- [NATIONAL ECONOMY OF THE ABKHAZ A. S. S. R.; a statistical abstract] *Narodnoe khozaystvo Abkhazskoy ASSR*. Statisticheskii sbornik. Tbilisi, "Statistika," 1967. 1967. 356 p.
- PAKALINS, J. [Riga marches into the future. (Social sketch)] *Riga sofo nakamiba*. Publirubika aprakais. Riga, Liezma, "1967. 86 p. (Jin. l.).
- PODOL'SKIY, V. I., S. E. PETROVA, and V. I. ILLIN. [Permanent financial aids in the national economy enterprises]. *Postoyannyye finantovyye podpomoshchi v narodnom khozaystve*. Moskva, "Ekonomika," 1965. (B-chka khoz. rukovoditelia).
- POLIKOVA, N. A. [A strict plan for state delivery and how the economy benefits by it]. *Tverdyi plan zagotovki — chto on daet khozaystvu*. Moskva, Izd., 1967. 64 p.
- PROSADDEEV, A. K. [Business accounting and profitability in trade]. *Khozraschetnyy raschet i rentabyl'nost' v torgovle*. Moskva, "Ekonomika," 1966. (V poslozh' iznachatshchiny ekonomiki torga).
- RUDAKOV, E. V., S. A. MELIN, and V. I. SIBIRYAK. [Economic reform in the agriculture of socialist lands. Bulgaria, Hungary, The German Democratic Republic, Poland, Rumania, Czechoslovakia]. *Ekonomicheskaya reforma v sel'skom khozaystve sotsialisticheskikh stran*. (Bulgariya, Vengriya, GDR, Pol'sha, Rumaniya, Czechoslovakia). (Moskva, "Finansy," 1968). 183 p.
- RUMIANSEVA, T. M. [The future hopes and problems of modern social progress]. *Budushch. nastupay. segodnya*. (Nekotorye problemy razvitiya sotsial'nogo progressa). Leningrad, Leningr. univ., 1967. 120 p.
- SEMENOV, E. K. [Cooperation in the name of peace (Socialist countries and the industrialization of the Soviet Union)]. *Soyuznaya kooperatsiya imeni mira*. (Soyuznaya kooperatsiya imeni mira progressa). (Soyuznaya kooperatsiya imeni mira progressa). (Moskva, "Nauka," 1968. 110 p.
- SHOR, I. A. [Applied problems in the theory of probability. (Materials of a lecture delivered at a seminar on the dependability and progressive methods of control in production quality at the Polytechnical Institute in 1968)]. *Prilozhnyye voprosy teorii veroyatnostey i kontrolya*. (Materialy lektsii na seminarakh po teorii veroyatnostey i kontrolya na katedre kontrolya i upravleniya v Polytekhnicheskoye institut v 1968 g.). (Moskva, "Znanie," 1968. 5 v. Vyp. 3-4, 0, 10. 1000. 5 v.
- SKLIAR, D. A. [Tables for calculating the overworkings of workers and employees during work shifts. (Practical handbook for accountants)]. *Tablitsy dlya rascheta srednego zarabotka rabochikh i sluzhbykh za vremya smeny*. (Prakt. posobie dlya ucheta i rascheta srednego zarabotka). (Moskva, "Finansy," 1968. 121 p.
- [SMOLENSK PROVINCE DURING 50 YEARS OF THE SOVIET REGIME. A statistical abstract]. *Smolenskaya oblast' za 50 let Sovetskoy vlasti*. Stat. sbornik. Moskva, "Statistika," 1967. 175 p.
- [STRUCTURE OF THE NATIONAL ECONOMY AND LABOR PRODUCTIVITY] *Struktura narodnogo khozaystva i proizvodivnost' truda*. Pod red. D. B. Malinina. Moskva, "Ekonomika," 1960. 210 p.
- TUDEY, DATYN. [Formation and development of the laboring class of the Mongolian People's Republic]. *Formirovaniye i razvitiye klassa rabochego klyassa Mongolskoy Narodnoy Respubliki*. (Moskva, "Nauka," 1968. 140 p.
- VISHINEV, S. M. [Economic parameters. Introduction to the theory of indices of economic systems and economic parameters]. *Ekonomicheskie parametry*. Vved. v teoriyu i teorii ekonom. sistem i parametrov. Moskva, "Nauka," 1968. 180 p.
- VORONTSOV, S. M., and N. V. KSENOFONTOV. [In applying the statute on industrial enterprises (Finance, labor, wages)]. *Praktika primeneniya zakona o proizvodstvennom predpriyatii*. (Trud, zarplata). Moskva, "Ekonomika," 1968. (Predpriyatia v novykh usloviyakh).
- ZAICHENKO, A. D., and S. I. SIKURKO. [Legal problems of the organization of wages for workers]. *Pravnyye voprosy organizatsii opłaty truda rabochikh*. M. "Iurid. lit.", 1967. 208 p.
- KASPARINSKAIA-OVSIANNIKOVA, S., and Y. O. K. [Methods of planning an exhibit on the history of the U. S. S. R. (The period of capitalism, 1917-1929)]. *Metodika postroyeniya ekspozitsii po istorii SSSR (Period kapitalizma 1861-1917 gg.)*. Moskva, 1940 p.

- [KAZAKHISTAN IN THE GREAT PATRIOTIC WAR. Sketches] Kazakhstan v Velikoi Otechestvennoi voine. Ocherki. Pod chetkhet. red. S. E. Pokrenskogo. Alma-Ata, "Manka," Vyp. 1. 1998. 291 p.
- KHLEDKINOV, N. M., P. S. EVLAMPYEV, and I. A. VOLODKIN. [The legendary ingenuity of Chapaev] Legendarnyi Chapaevskaya. [Moskva] "Znanie," [1967] 271 p.
- KORDAT'EV, N. D. [Vladimir Azin, commander of an army division] Nachalnik Vladimir Azin. Moskva, Voenizdat, 1966. 235 p. (Sovetskii polkovodets i voenatskizhnik).
- [THE KURSK GOVERNMENT DURING THE FOREIGN ARMED INTERVENTION AND THE CIVIL WAR. (1918-1920)] Kur'skaya guberniya v gody voennoy razvostki i inostrannoi grazhdanskoi voyny. 1918-1920. Voennoye, Tselin., Chernozvna. kn. izd., 1967. 359 p.
- MARTINOSOV, S. Z. [History of Anglo-Russian rivalry in Central Asia resulting in the formation of Turkmenistan into Bukhara] Iz istorii anglo-russkogo soperstva v Srednei Azii v svyazi s prikladnuyu Turkmenist k Rusii. Ashkhabad, "Turkmenistan," 1966. 41 p.
- [MICROFILM]
- MURCHIK, PIETRO. [The Usatutan Independent state, 1917-1920] Usatutan'skaya zavislost', 1917-1920. Philadelphia, 1967. 490 p.
- NERKARABIAN, V. N. [Some general rules and special aspects of the building of socialism in Armenia] O nekotorykh zakonachnostyakh i osobennostyakh stroitel'stva sotsializma v Armenii. Erevan, "Akhastan," 1967. 61 p.
- [PAGES FROM THE HISTORY OF PAST BATTLES. Studies in the military history of Russia] Stranitsy byegoye proshlogo. Ocherki voen. istorii. Moskva, "Nauka," 1968. 383 p.
- [THE PARTY ORGANIZATION OF CHELYABINSK PROVINCE DURING THE GREAT PATRIOTIC WAR, 1941-1945. A collection of documents and materials] Partinaya organizatsiya Cheljabinskoi oblasti v Velikoi Otechestvennoi voine, 1941-1945. Sbornik dokumentov i materialov. [Cheljabinsk] Izdaniye "Druzhba kn. izd., 1967. 378 p.
- [PEOPLE OF LEGENDS. Sketches on guerillas and members of the underground, heroes of the Soviet Union] Ljudi legend. Ocherki o partizanskoi i podpol'snicheskoi - Geroini Sovetskogo Soюза. [Moskva, Politizdat], Vyp. 3. 1968. 501 p.
- PUSHKIN, N. N. [Bismutani, I am asking to enroll... Members of the Komsovol defending the Arctic regions] Rodina, prostoi zashchiti!... Komsovol'sy na zashchite Zapol'ar'ia. Almaty, Kn. izd., 1968. 95 p.
- [REVOLUTIONARY MOVEMENT IN THE RUSSIAN ARMY. Feb. 27-Oct. 24, 1917. (Dionysius) Revolutsionnoye dvizhenie v russkoi armii. 27 febr. - 24 okt. 1917 g. Sbornik dokumentov. Pod red. L. S. Gaponenko. Moskva, "Nauka," 1968. 621 p.
- RIKMAN, E. A. [A monument of the great migration of nations. Excavation of an ancient settlement and burial ground of the Chernyakhov culture near the village of Budezhnyy] Pamiatnik epokhi roiskogo pereseleniya narodov. Po vaskopkam poseleniya i mogilnitsa Chernyakhovskoi kul'tury u sela Budezhnyy. Kishinev, "Karta molovenaske," 1967. 138 p. (Arkhivologicheskoe pamiatnik Moldavi. Vyp. 1).
- SEREBRENNIKOV, G. N., and I. G. FURMAN. [Organization of and recommended methods for the independent work of students in studying the history of the CPSU] Organizatsiya i metodika samostoiatel'noi raboty studentov po izucheniyu istorii KPSS. Moskva, "Vyssh. shkola," 1968. 78 p. (Studenty, izuchayushchaya istorii KPSS).
- SHAYKUNOV, E. V. [The state of Bokhal and the monuments of the culture in the Maritime region] Gosudarstvo Bokhal i pamiatniki ego kul'tury v Primor'e. Leningrad, "Nauka," 1968. 128 p.
- SHERVASHIDZE, L. A. [Story of a city conquered by waves] Povest' o gorode, vziatom rolinami. Sukhumi, "Alashara," 1967. 83 p.
- SIROTA, N. A. [This is how Korch tough] Tak srachatas' Korch'. [Izd. 2-o, porebabil, i dop.] Simferopol', "Krym," 1968. 168 p.
- STAROSTIN, P. N. [Monuments of the inner-world culture] Pamiatniki tsvetkovskoi kul'tury. Pod chetkhet. red. B. A. Rybakova. Moskva, "Nauka," 1967. 95 p. (Istoriya SSSR. Sov. arkhivologicheskii izdatel'stvo, No. 11-32).
- [THE STRUGGLE FOR SOVIET RULE ON THE CHIRKIN PERSINIA (1919-1923). A collection of documents and materials] Bor'ba za vlast' Sovetskoi Chirkii (1919-1923 gg.). Sbornik dokumentov i materialov. [Magadan] Magadan'skoe kn. izd., 1967. 205 p.
- STRUYE, V. V. [Studies in the history of the northern Black Sea region, the Caucasus, and Central Asia] Izvudy po istorii Severnogo Prichernomors'ia, Kavkaza i Srednei Azii. Leningrad, "Nauka," 1966. 355 p.
- [STUDIES IN THE HISTORY OF THE KARACHAY-CHERKESK REGION] Ocherki istorii Karachay-Cherkessk. Stavropol', Kn. izd.
- T. 1. [From the ancient period to the Great October Socialist Revolution] S drevneishikh vremen do Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. 1967. 600 p.
- TEREKIN, S. V. [The years of fiery battles. The Soviet Donskoye organization during the October Revolution and civil war. (October 1917-1920)] Gody ognenye. Sov. organizatsiya donskoye v period Oktjabr'skoi revoliutsii i grazhd. voyny. (Okt. 1917-1920). Stavropol', Prielzhi. kn. izd., 1967. 212 p.
- [UNDER THE BANNER OF THE GREAT OCTOBER REVOLUTION. A collection of the reminiscences of participants in the struggle for Soviet rule in Moldova and the Bolshevik underground in Bessarabia in 1917-1940] Pod znamenem velikoi Oktjabr'skoi revoliutsii. Sbornik vospominaniy uchastnikov bor'by za vlast' Sovetskoi Moldavi i kommunistov podpol'ia v Bessarabii 1917-1940 gg. Kishinev, "Karta molovenaske," 1967. 308 p.
- VERSHENIN, M. M. [Morning behind the frontier] Utro za Rubel' fronta. Moskva, "Znanie," 1968. 61 p. (Prochi, tovaristchi!).
- VOROSHILOV, K. E. [Stories of my life. (Memorial)] Rasskazy o zhizni. (Vospominaniya). Moskva, Politizdat. Kn. 1. 1968. 308 p.
- [WOMEN OF LEREBGRAD. Reminiscences. Sketches. Documents] Zhenskiye. Vospominaniya. Ocherki. Dokumenty. Leningrad, Lentshal, 1968. 415 p.
- ZAVALEV, N. E. [The working class of white Russia in struggle for socialism, 1917-1932] Rabochii klass Belorussii v bor'be za sotsializm. 1917-1932 gg. Minsk, "Nauka i tekhnika," 1967. 314 p.
- ZHUKOV, S. I. [A front-line press during the Great Patriotic War] Frontovaya pechat' v gody Velikoi Otechestvennoi voyny. Moskva, Izd. Mosk. un-ta, 1968. 147 p.

6. POLITICAL SCIENCE

- [ADMINISTRATIVE AND TERRITORIAL DIVISIONS OF THE ESTONIAN S. S. R. OF JANUARY 1, 1947] Eesti NSV territooriumi administratiivne jaotus jaanuaril 1. Jaanuar 1947. Tallin, "Eesti Raamat," 1967. 71 p. [In Estonian and Russian]
- BEJAEV, I. P., T. A. KOLESNICHENKO, and E. M. PRIMAOK. [The Dove is touched] "Golub" spushchen. [Moskva] "Mol. gardia," 1968. 160 p.
- CHERNOVA, S. M. [How the party group is resolving industrial and party problems] Kak reshat' partizuppa zadachi protivostoyeniya i partizuppa. Moskva, "Mosk. rabochi," 1968. 48 p. (B-chka partizuppa).
- [THE COLOMAN. POLICY OF CAPITALIST STATES. (1870-1914). A practical manual for correspondence students of the faculties of history of pedagogical institutes] Kolombiynaya politika kapitalisticheskikh derzhav. (1870-1914). Praktikum dlya studentov-zachetnikov. [Ak. ped. in-tov. Chv. red. E. E. Urovskaia, Moskva, "Prosveshchenie." Vyp. 1. 1967. 370 p.
- [FIFTY YEARS OF THE GREAT OCTOBER SOCIALIST REVOLUTION. Formal meeting of the Central Committee of the CPSU, the Supreme Soviet of the U. S. S. R. and the Supreme Soviet of the U. S. S. R. November 3-4, 1967. Verbatim report] 50 let Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Torshestvo, zasessiya TsK KPSS Verkhovnogo Soveta, SSSR, Verkhovnogo Soveta RSFSR 3-4 noyabrya 1967 g. Stenogr. otchet. Moskva, Politizdat, 1967. 232 p.
- SHIRIAEV, A. V. [How to contact a welding] Kak provesti soderzanie. Moskva, "Mosk. rabochi," 1968. 47 p. (B-chka partizuppa).
- SMIRNOV, I. I. [A method of practical tasks. Experience in applying it in the party and Komsovol educational system and in mass propaganda] Metod prakticheskikh zadaniy. Opyt ego primeneniya v sisteme part. i komsovol'skogo obrazovaniya, v massovoi propagande. Moskva, Politizdat, 1968. 93 p.
- [HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION. In six volumes] Istoriya Kommunisticheskoi partii Sovetskogo Soюза. V 6-ti. Prek. plav. red. D. N. Posudlov, Moskva, Politizdat.
- T. 3. [The Communist Party as the organizer of the victory of the Great October Socialist Revolution and the defense of the Soviet Union. March 1917-1920] Kommunisticheskaya partiya organizator pobedy Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii i oborony Sovetskoi respubliky. Mart 1917-1920 g. Kn. 2. [March 1918-1920] (Mart 1918-1920 g.) 1968. 607 p.
- IGOSHEV, V. I. [Eyes on the banner!] Ravnopost na znanie! [Moskva], "Mol. gardia," 1968. 94 p. (Prochi o sotsializme).
- IL'INA, I. V. [Struggle of the Bolshevik Party against displays of "left-wing" inclinations during the preparation for the October Revolution] Bor'ba protiv bol'sheviki protiv protivopostoyaniya "levykh" v period podgotovki Oktjabr'skoi revoliutsii. Moskva, "Mysl," 1967. 144 p.
- IRIZOV, V. I. [Your comrade is a communist] Tvoi tovaristchi - kommunist. Murmansk, Kn. izd., 1967. 44 p.
- ISMAILOV, ISRAIL. [Pioneers of Tajikistan in the 1930's] Pioniry Tadzhikistana 30-kh godov. Dushanbe, "Ifiro," 1967. 88 p.
- KALUGIN, G. P. [Assignments in Communism] Porucheniya kommunizmu. Moskva, "Mosk. rabochi," 1968. 47 p. (B-chka partizuppa).
- KHAZANOV, A. M. [The policy of Portugal in Africa and Asia] Politika Portugali v Afrike i Azii. Moskva, "Nauka," 1967. 200 p.
- LENIN, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5-o. Moskva, Politizdat.
- T. 10. [March-June 1905] Mart - Iyun' 1905. 1907. xx, 678 p.
- T. 11. [July-October 1905] Iul' - oktyabr' 1905. 1908. xxv, 610 p.
- LENIN, V. I. [The proletarian revolution and the struggle for it] Proletarskaya revoliutsiya i bor'ba za nuyu. Moskva, Politizdat, [1968]. 119 p.
- LENIN, V. I. [Three sources and three constitutional parts of Marxism] Tri istochnika i tri konstitutsionnye chasti marksizma. Moskva, Politizdat, [1968] 15 p.
- LUNKV, A. E. [Democratic nature of Soviet government] Demokraticheskaya priroda sovetskogo pravitel'stva. Moskva, "Izdat. 11," 1967. 199 p.
- OGANISIAN, H. S. [The national revolution in Angola, 1961-1965] Natsional'naya revoliutsiya v Angole. (1961-1965 gg.) Moskva, "Nauka," 1968. 144 p.
- [ON THE NEW ROAD] Na novom puti. Moskva, "Nauka," 1968. 501 p.
- OSEFROV, A. P. [The Soviet people help revolutionaries in China (1921-1927)] Sovetskii narod revoliutsionnuyu Kitai (1924-1927). Moskva, "Nauka," 1967. 92 p.
- PAPUSIA, Z. I. [Among the peasant masses (Efforts of the Communist Party of Azerbaijan in the rural areas in 1920-1921)] Sredi krest'ianskikh mass. (Dobit' - rost' KP Azerbaidzhana v derevne v 1920-1921 gg.) Baku, Azerbaidzhan, 1967. 188 p.
- [PATH WITHOUT A HAIT] Put' bez puti. Kazan', Tainkizdat, 1967. 214 p.
- PERFIL'EV, M. K. [Critical evaluation of the bourgeois theories of the Soviet political system] Kritika burzhuaznykh teorii o sovetskoi politicheskoi sisteme. Leningrad, "Nauka," 1968. 183 p.
- PRITT, DENNIS NOEL. [Autobiography. Translated from the English] Avtobiografiya. Red. D. N. Antonovich. Velop. stat'ia V. G. Trukhanovskogo. Moskva, "Progress," 1968. 487 p.
- [PROBLEMS OF PARTY ORGANIZATION] Voprosy partinogo stroitel'stva. Leningrad, Lentshal, 1968. 432 p.

- [COMRADE LENIN. A composition. Reminiscences, verse, stories] Kompzitsitsa. Vospominaniia, stikhi, rasskazy. [Moskva, "Mol. gvardiia," 1967. 237 p. (Honor znanii pervyi. Vyp. 1).
- HUNIN, I. A. [Collected works. In 9 volumes] Sbraniie sochinenii. V 9 t. I. Poeticheskie, red. A. S. Mianikova i dr., Moskva, "Khudozh. izd.," T. 9. [The liberation of Tolstoi. Chekhov. Selected biographical material, reminiscences, and articles] Osvobodivshiesia Tolstogo, i O Chekhove. Izbrannye biograficheskie materialy, vospominaniia, stikhi. 1967. 622 p.
- DAVYDOVA, N. M. [All of life plus two lemons. A novel. Stories] Vsa zhizn' plus eshche dva chana. Roman, Rasskazy. Moskva, "Sov. pisatel'," 1968. 284 p.
- DZEMSOVA, L. V. [Translations of Malakovskii in contemporary poetry] Translatsii Malakovskogo v sovremennoi poezii. Moskva, "Znanie," 1961. 47 p. (Novye zidzeli, stizhki, tekhnika. Seriya "Literaturnia," 4).
- DUDUCHIKIN, D. P. [The musical in the novel. Stories and fairy tales] Neobychnoe v romane. Rasskazy i skazki. Izd. 2-e, dop. Moskva, "Prosvetshenie," 1967. 256 p. (B-ka stizhki i knizki).
- DZHALILOV, O. D. [The Karlish hero: epic "The golden nemud zhen," (Dym-dym)] Karlishi geroicheskii epicheskii "Zlatorukii klan." (Dym-dym). Moskva, "Nauka," 1967. 207 p.
- DZUMAGILOV, MAKAN. [Eagles die alone. A novel] Orly gibel' v vysheine. Roman. Moskva, "Khudozh. izd.," 1968. 447 p.
- EREMIN, D. I. [Gifts of the world. Verse]. Dary mira. Stikhi. Moskva, "Sov. pisatel'," 1968. 103 p.
- ERMOLAROVA, V. N., and V. I. TOLSTYKH. [Socialist realism and the ethics of bourgeois aesthetics. Problems] Socialisticheski realizm i eticheskiye borozhaznii estetiki. Problemy. Moskva, "Sov. Khudozhnik," 1967. 140 p.
- EYSTEINEVA, L. A. [The persecuted "Satrikon" and the poem who were its contributors] Zhizn' "Satrikon" i poety-satirikov. Moskva, "Nauka," 1968. 451 p.
- FEIGIN, E. A. [A lay dancing in the rain. A tale] Maletki plavali po dozhdem. Povest'. Moskva, "Det. lit.," 1968. 320 p. (Shkol'naya b-ka).
- FIKRET, TEVIK. [The white sail. Verse. Translated from the Turkish] Belyi parus. Stikhi. [Moskva, "Khudozh. izd.," 1967. 150 p.
- GATOV, A. B. [Tokens of love. New verse] Tokeny lyubvi. Novye stikhi. Moskva, "Sov. pisatel'," 1968. 134 p.
- GEITSOI, IURI. [The beginning of an epic. A historical poem] Nachalo epichesk. (Povest'-khronika. Washington, Izd. "Vol'no mysl'," 1968. 84 p.
- GILAROVSKII, V. A. [Words. In 4 volumes] Slovarstva. V 4-kh t. Moskva, "Pravda." (B-ka "Otkryt'ia," 4 v.
- GITOVICH, A. I. [Verse] Stikhi i versha. Leningrad, Lentsai, 1968. 239 p.
- GLINKA, MIKHAIL. [Streets lead to the sea. Tales and stories] Ustye volni k moriu. Povesti i rasskazy. Leningrad, Lentsai, 1967. 302 p.
- GOFF, I. A. [The miraculous poem alone. Tales and stories] Chudnyi kamen' i khoni. Povesti i rasskazy. Moskva, "Sov. pisatel'," 1968. 352 p.
- GORBOVSKII, G. I. A. [Silence. Fourth book of verse] Tishina. Chetvertaya kniga stikov. Leningrad, Lentsai, 1968. 111 p.
- GORKII, MAKSIM. [Plays] P'esy. Moskva, "Khudozh. izd.," 1968. 254 p. (Mir. b-ka).
- [GUITARS IN BATTLE. Songs of American folk singers. Translated from the English] Gitary v boiu. Pesni amerik. nar. pevsikov. [Moskva, "Progress," 1968] 128 p.
- GUMILEV, N. S. [Collected works in 4 volumes] Sbraniie sochinenii v chetyrekh tomakh. Red. G. P. Struve i B. A. Fiksova. Washington, Izd. kn. magazina Victor Kankin, Inc. T. 4. [Stories, sketches, literary criticism and other articles, "Notes of a cavalryman"] Rasskazy, ocherki, literaturno-kriticheskie i drugie stikhi. "Zapiski kavaleriia." Podgolovka i stizhi i kommentarii G. P. Struve. Vstup. stizhi V. V. Veldie. 1968. 854 p.
- GVOZDEV, A. S. [Modern literary Russian] Sovremennyy russkii (literaturnyy)azyk. Izd. 3-e. Moskva, "Prosvetshenie," Ch. 2. [Syntax, Sintaksis. 1968. 344 p.
- [HISTORY OF SOVIET RUSSIAN LITERATURE. 1917-1965. In 4 volumes] Istoriia russkoi sovetskoi literatury. 1917-1965. V 4-kh t. Izd. 2-e, pereizdat. Leningrad, "Nauka," T. 2. 1930-1945. 1967. 665 p.
- [HOW TO LEARN TO UNDERSTAND AND TRANSLATE FOREIGN TEXT] Kak nauchitsia ponimat' i perevodit' inostrannyi tekst. Poeticheskie. red. V. P. Garova. Moskva, "Vysshie shkola," 1968. 207 p.
- [IDEAS OF HUMANISM IN LITERATURES OF THE EAST] Idei gumanizma v literaturakh Vostoka. Moskva, "Nauka," 1967. 210 p.
- INDER, V. M. [Looking through the pages of days. . . (From diaries and notebooks)] Stranitsy dney perezhitiia. . . (Iz dnevnikov i zapisknykh knizhok). Moskva, "Sov. pisatel'," 1967. 358 p.
- KAMINSKAS, JONAS. [At the crossroads of literature] Literaturnye kryzise. Vilnius, Vaga, 1968. 271 p. (In Lithuanian)
- KARAKAEKOVA, L. V., comp. [Rassypushki. Folk songs for children] Rassypushki. Kar. pesenki dlia detei. Leningrad, "Det. lit.," 1966. 26 p.
- KORPACHEV, E. M. [Neonophones] Neonyoi samolet. [Moskva, 1968] 48 p. (B-ka zhena. "Sov. vola." No. 4 (1978)).
- KORVIN-MOTROVSKII, VLADIMIR. [The life quest. Verse, poems, dramatic poetry. In 2 volumes] Byzhnii poiz. Stikhi, poemy, dramaticheskie poemy. V dvukh tomakh. Washington, D. C., Viktor Karshin, T. 1. [Verse] Stikhi. 1966. 234 p.
- KOTYSH, N. T. [People of the sea. A life. Stories. Novellas] Ludi morskoi. Povest'. Rasskazy. Novelly. Moskva, Voenizdat, 1968. 343 p.
- KRYVIN, L. P. [Foreign words in modern Russian] Inostrannyie slova v sovremennoi russkoiazyke. Moskva, "Nauka," 1968. 208 p.
- KUZNETSOVA, GALINA. [The Grosse diary] Grosseki dnevnik. Washington, V. Kankin, 1967. 315 p.
- LILIN, VIKTOR. [Ivan Aleksandrovich Gontcharov. A textbook for students] Ivan Aleksandrovich Gontcharov. Posobie dlia uchashchikhsia. Leningrad, "Prosvetshenie," 1968. 111 p. (Litopisnii pisatel').
- LUPOVA, M. V., and V. I. KIRICHINA. [Stories about K. G. Gontcharov's and H. I. Frunze's books] Rasskazy o knigakh K. G. Gontcharovskogo i H. I. Frunze. Moskva, "Kniga," 1967. 53 p. (Sovetskii pisatel' i detiam. Vyp. 4).
- L'VOV, M. D. [A life without boundaries] Zhizn' bez granits. Moskva, "Sov. pisatel'," 1968. 173 p. (Novye stikhi).
- MADIEVA, G. I. [The Avar language] Avar skazbi. (Studentazhe posobie). Makhachkala, Inzhener'skoe uchebno-pechatoe. Izd. [In Avar] Ch. 2. [Syntax] Sintaksis. 1967. 130 p.
- MAKAROVA, M. M., and others. [Practical course in translating scientific and technical literature. German] Prakticheski kurs perevoda nauchno-tekhnicheskoi literatury. Nemetskiiazyk. Izd. 2-e, ispr. i dop. Moskva, Voenizdat, 1967. 460 p.
- MARKIN, E. E. [Epigrams. A book of verse] Stremlina. Kniga stikov. Moskva, "Sov. pisatel'," 1967. 75 p.
- MEIER, G. A. [Collection of literary articles. Posthumous edition] Sbornik literaturnykh statei. Posmertnoe izd. [Frankfurt/M.] Pansov, 1968. 312 p.
- MILJUNAS, VIKTORAS. [First love, or crime. Stories] Pirmoji meile, arba nuikstimas. Apyskymai. Vilnius, Vaga, 1968. 257 p. (In Lithuanian)
- MOSTKOVA, S. I., L. A. SMYKALOVA, and S. P. CHERMAVSKAIA. [Terms of English literary criticism. Textbook for students of teachers colleges and philology departments of universities] Angliiskala literaturovedeniia terminologiya. Posobie dlia studentov ped. i filol. fak. un-ov. Leningrad, "Prosvetshenie," 1967. 110 p.
- NAGIBIN, I. M. [Do not let him perish] Ne dai emy pogibnut'. [Moskva] "Mol. gvardiia," 1968. 207 p.
- NIKOLAEV, D. M. [Nalushka lost the day] Nalushka deu' poteriala. Leningrad, "Det. lit.," 1967. 49 p.
- ORRANT, S. E. [Those who look ahead] Vpered smotriashchie. Leningrad, "Det. lit.," 1968. 336 p.
- [ONCE BY THE RIVER DON. . . The Soviet Don in folk-song] Kak u Dona, u rekhi. . . Sovetskii Don v nar. tvorchestve. Rostov-na-Donu, Kn. izd., 1967. 218 p.
- ORO, JULIUS. [A measure as a layman] Ilir ratsapaka. Tallinn, "Eesti Raamat," 1967. 128 p. (In Estonian)
- OTKUPSHCHIKOV, I. V. [The sources of words. Stories of the science of etymology. (A book for students.)] K istokam slova. Rasskazy o nauke etimologii. (Kniga dlia uchashchikhsia). Leningrad, "Prosvetshenie," 1966. 150 p. (Izucheni rus. yaz.)
- PALIONIS, JONAS. [Lithuanian literary language of 16th-17th centuries] Lietavio literaturos kalba. XVI-XVII a. Vilnius, "Mintis," 1967. 333 p. (In Lithuanian)
- PAUSTOVSKI, K. G. [Tales about forests. Selected works] Povesti i rasskazy. Izbrannoe. Khabarovsk, Kn. izd., 1967. 301 p.
- PELT, V. D. [M. Gorkii as journalist. (1928-1930)] M. Gorkii zhurnalist. (1928-1930). Moskva, Izd. Mosk. mysl', 1968. 420 p.
- PLAUDIS, EGHS. [Clouds. Verse] Pielebi. Dazja. Ilga, "Lietuva," 1967. 67 p. (In Lithuanian)
- POLEVOI, B. N. [Goli. A novel] Zoloto. Roman. Moskva, "Det. lit.," 1968. 496 p. (B-ka poleticheskoi i umnich. literat'ri).
- POZNIHILKO, V. K. [Humorous stories, stage scenes, Lithuanian] Humuristicheskie rasskazy, sketski, iedintmy. Moskva, Voenizdat, 1966. 112 p.
- PUSIKIN, ALEXANDER. [Verse] Stikhi i versha. [Izd. 2-e, dop.] Moskva, "Det. lit.," 1967. 207 p. (Shkol'naya b-ka).
- RADIMOV, D. A. [Verse of a pedant] Stikhi pesnik-knuta. Moskva, "Khudozh. izd.," 1968. 280 p.
- [A REPERTORY FOR AMATEUR ART ACTIVITIES] Repertuar dlia khudozhestvennoi samodelatel'nosti. [Moskva] Proizdat, 1967. 63 p. (Khudozhnika nelskupi proizvolnogo aktivnata, no. 4(70)).
- SAKININ, A. I. A. [This is what happened] Vol chto moi-zushlo. Moskva, "Mol. gvardiia," 1968. 336 p. (Roverank).
- SARANCHIN, K. P. [Centers do not break in the storm. A tale] Kentry nlonatishli vlnmhu. Povest'. [Moskva] "Mol. gvardiia," 1968. 175 p. (Roverank).
- SEMIN, L. P. [There was a war. A tale and stories] Byln volna. Povest' i rasskazy. Leningrad, "Det. lit.," 1968. 255 p.
- SENUSHKIN, T. K. [Uyrtum - the North. Impressions, stories] Uyrtum - Sever. Vpreechi, vspomnieni, rasskazy. Moskva, "Sov. knizhka," 1968. 158 p.
- SHAROV, ALEXANDER. [Children and grown-ups. Short tales and sketches] Doli i vzroslye. Miten'kie povesti i ocherki. Moskva, "Sov. pisatel'," 1968. 284 p.
- SIESTINSKI, O. V. [Handshake] Rudopozhati'e. Leningrad, "Det. lit.," 1967. 71 p.
- SHISHOVA, Z. K. [Year of entry 1918. A tale] God vshpientia 1918. Povest'. Moskva, "Det. lit.," 1968. 413 p. (Shkol'naya b-ka).
- SLADKOV, N. I. [The rocks have arrived] Grachi prileli. Leningrad, "Det. lit.," 1967. 16 p.
- [SMILING WHILE MARCHING. Humorous stories] Ulybka na marsho. Umoriat. rasskazy. Moskva, gaz. "Krasnaya zvezda," 1968. 32 p. (B-ka "Krasnii zvezdy." No. 8(236)).
- SOKOLOV-AKITOV, I. S. [In the homeland of the birds] Na rodnoi nita. Leningrad, "Det. lit.," 1968. 127 p.
- [SOVIET LITERARY CRITICISM DURING 60 YEARS] Sovetskoe literaturovedenie za 60 let. Leningrad, "Nauka," 1968. 429 p.
- SUMMANEN, TAISTO. [I am walking through my homeland. Verse. Translated from the Finnish] Ila po rolnoi zemie. Stikhi. Moskva, "Sov. pisatel'," 1967. 62 p.

12. GEOGRAPHY & GEOLOGY

- [APPLYING METHODS OF MATHEMATICAL STATISTICS IN THE ANALYSIS AND FORECASTING OF THE REGIME OF THE LEVEL OF UNDERGROUND WATERS. (Methodological instructions).] Primeneniye metodov matematicheskoy statistiki dlya analiza i prognoza rezhima urovnya podzemnykh vod. (Metodicheskiye ukazaniya). Moskva, 1957. 107 p.
- BOGORODITSKI, K. F. [High-thermal waters of the U. S. S. R. | Vysokoteplye vody SSSR. Moskva, "Nauka," 1955. 167 p.]
- BONDARENKO, L. P., and V. I. DAGELASKII. [Geology and metamorphism of Archean rocks of the central part of the Kola Peninsula]. Geologiya i metamorfizma porod arheya Tsentral'noi chasti Kol'skogo polostrova. Leningrad, "Nauka," 1963. 168 p.
- 'CATALOG OF FOREIGN MAPS AND ATLASES RECEIVED BY THE V. I. LENIN LIBRARY IN 1965]. Geseniyennaya biblioteka SSSR imeni V. I. Lenina. Katalog pribyvayemykh kart i atlasov, postupivshikh v biblioteku imeni V. I. Lenina v 1965 godu. Moskva, 1966. 63 p.
- [CENOZOIC OF WESTERN SIBERIA]. Kaluzoi Zapadnoi Sibiri. Novosibirsk, "Nauka," 1965. 168 p.
- CHUVASHEV, B. I. [History of the development and tectonic characteristics of the late Devonian basin in the western slope of the Central and Southern Ural]. Istoriya razvitiya i tektonicheskaya kharakteristika pozdnedevonskogo basseina na zapadnom sklonе Srednego i Yuzhnogo Urala. Moskva, "Nauka," 1965. 132 p.
- [DYNAMICS OF WATERS AND PROBLEMS OF THE HYDROCHEMISTRY OF THE BLACK SEA]. Dinamika vod i voprosy gidrokhimii Chernogo morya. Kiev, "Naukova dumka," 1967. 117 p.
- [EARTHQUAKES IN THE U. S. S. R. IN 1964]. Zemnolepseeniya v SSSR v 1964 godu. Moskva, "Nauka," 1967. 103 p.
- FEDOROVSKI, E. P. [A story about peatland coals. Povest' ob otykh snigakh]. Leningrad, Izdatel'stvo izdat, 1967. 117 p.
- FLIPOV, O. M. [Circulation and structure of waters of the Black Sea]. Tsirkulyatsiya i struktura vod Chernogo morya. Moskva, "Nauka," 1968. 139 p.
- [FLOW OF UNDERGROUND WATERS OF KAZAKHISTAN. (Zones of intensive water exchange)]. Stok podzemnykh vod Kazakhstana. (Zony intensivnogo vodoobmena). Almaty, "Nauka," 1961. 80 p.
- KAZILAEV, A. N. [Natural conditions in the region of Makhoulkala]. Estestvennye usloviya terena g. Makhoulkala. Makhoulkala, Dzhankent, 1967.
- KOCHETKOV, O. S. [Accessory minerals in ancient formations of the Tianshan and Kunlun ranges]. Akcesornyye mineraly v drevnykh gorskikh Tianshan i Kunlun. Leningrad, "Nauka," 1967. 120 p.
- KOLOBOV, M. N. [Ores from eastern regions of the U. S. S. R. Important to agriculture]. Agrometicheskoe rudnyye mestokhodyashchikh na RSFSR. Moskva, "Nedra," 1966. 55 p.
- KUDYMKAR, [Perviy, Kn. 1, 1967]. [5] p. 32 i, illuz.
- KEKANO, V. M. [Processes of the formation of hydrogen sulfide waters of the Maizessa type]. Tsessy formirovaniya serovodородnykh vod tipa maizessa. Moskva, "Nauka," 1968. 166 p.
- LENINGRAD. Moskva, "Progress," [1967]. 135 p. [In 5 languages]
- [METHODOLOGICAL INSTRUCTIONS FOR THE DESIGN OF WORKS CONNECTED WITH THE STUDY OF THE REGIME AND BALANCE OF UNDERGROUND WATERS OF REPRESENTATIVE BASINS OF THE DECADE OF THE INTERNATIONAL HYDROGEOLOGICAL ACTIVITY. (Standard programs)]. Metodicheskiye ukazaniya po proektirovaniyu rabot, svyazannykh s izucheniye rezhima i balansa podzemnykh vod na reprezentativnykh basseynakh Mezhdunarodnogo gidrologicheskogo desiatiletiya. (Tipovyye programy). Moskva, 1957. 65 p.
- MEZHODUNARODNYI KONGRESS ANTIPOLOGICHESKII I ETNOGRAFIЧЕСКИЙ NAUK, 7th, Moscow, 1964. [Transactions of the Seventh International Congress of Anthropology and Ethnographic Sciences] [Trudy]. Moskva, "Nauka," [In 6 languages] T. 2. 1967. 664 p. T. 4. 1967. 616 p.
- [NATURE OF KIROV PROVINCE]. Priroda Kirovskoi oblasti. Shorokh stari. Pod olshch. i. d. I. Sher-nika. [Kirov] Volgo-Vlatskoe kn. izd., 1967. 390 p.
- NAZAROVA, G. A., and V. S. IABLOKOV, [Soviet literature on sedimentary rocks and minerals for 1917-1941. Literature for 1917-1941]. Sovetskaya literatura po osedimantarnym porodam i poleznym iskopaemyim za 1917-1941 gg. Literatur za period 1917-1941 gg. Moskva, "Nauka," 1968. 175 p.
- [ORIGIN OF THE OSSETIC PEOPLE. Materials of a scientific expedition devoted to the problem of the ethnic origin of the Ossets]. Problemykhzhdeniya oneticheskogo natsoda. Materialy Nauch. sessii, posvyashch. probleme etnogeneza ossetin. Ordzhonikidze, Sev.-Oset. kn. izd., 1967. 336 p.
- [PACIFIC OCEAN]. Tikhii okean. Moskva, "Nauka," [T. 4.]. [Coasts of the Pacific Ocean]. Berega Tikhogo okeana. 1967. 375 p. [T. 7.]. [Biology of the Pacific Ocean]. Biologiya Tikhogo okeana. Kn. 3. [Fishes of open waters]. Ryby otкрыtykh vod. 1967. 275 p.
- [PALEONTOLOGICAL HANDBOOK]. Paleontologicheskii spravochnik. Kiev, "Naukova dumka." T. 1. [Paleogene and Miocene bivalved mollusks of the Ukraine]. Dvushelovchatye molliuski paleogena i miotsena Ukrainy. 1968. 287 p.
- PAVLIDIS, I. A. [Some characteristics of the formation of recent littoral sediments within volcanic archipelago. As revealed by a study made in the Kurile Islands]. Nekotoryye osobennosti obrazovaniya sovremennykh pribeznykh otlozheniy v predelakh vulkanicheskogo arhipelaga. Na primere Kuril. ostrovov. Moskva, "Nauka," 1968. 112 p.
- [PROBLEMS IN THE ETHNOGRAPHY AND ETHNIC HISTORY OF THE PEOPLES OF EASTERN AND SOUTHEASTERN ASIA]. Problemy etnografii i etnicheskoi istorii narodov Vostochnoi i Yugo-Vostochnoi Azii. Moskva, "Nauka," 1968. 282 p.
- [PROBLEMS OF THE EVOLUTION OF MAN AND HIS RACES]. Problemy evolyutsii cheloveka i ego ras. Moskva, "Nauka," 1968. 270 p.
- PURINS, V., and A. BREDIS. [Latvia]. Latvija. Olv. red. M. I. Mosolov. Moskva, "Mysl," 1968. 230 p. (Sovetskii Soюз: geograficheskoe opisanie v 22 to-makh)
- RAMANS, K. [Latvian nature and scenery]. Latvijas daba un ainava. Riga, "Liesma," 1967. 181 p. [In Latvian, Russian, English, and German]
- RATS, M. V. [Heterogeneity of rocks and their physical properties]. Neodnorodnost' gornykh porod i ikh fizicheskikh svoystv. [Moskva, "Nauka," 1968]. 107 p.
- SARADZHON HUSHOVA (1910-1960). Velup. shil'n B. B. Saranova. Bibliografika naiz. B. Saranova i M. Shcherbakova. Dushanbe, "Donali," 1967. 33 p. [Materialy i bibliografiya uchennykh Tadzhikistana. Vyp. 10.].
- [SEISMIC REGIONALIZATION OF THE U. S. S. R.]. Seismicheskoe zonalirovaniye SSSR. Pod red. S. V. Medvedeva. Moskva, "Nauka," 1968. 478 p.
- SHIPILIN, F. K. [Subvolcanic ore formation. (As revealed by a study made in Dzhirgatal). Izvuzh i rudnobrezovaniya. (Na primere Dzhirgatala). Moskva, "Nauka," 1966. 215 p.
- [SMOLENSK. The 1100th anniversary of the first mention of this city in annals. (Materials of an anniversary scientific conference)]. Smolensk. K 1100-letiyu pervogo upomynaniya goroda v letopisi. (Materialy bibliotek. konferentsii). Smolensk, 1967. 266 p.
- SOVERKHNANIE PO GEOTEKHNIЧESKIM ISSLEDOVANIAM V SSSR, 2d, Moscow, 1964. [Regional geotermics and the distribution of thermal waters in the U. S. S. R. Transactions] Regional'naya geotermiya i rasprostraneniye termal'nykh vod v SSSR. Trudy. Moskva, "Nauka," 1967. 314 p.
- SULTANOV, A. D., and Z. I. KHAVCHINSKI. [How geologists read the history of the earth]. Kak geologi chitali istoriya Zemli. Moskva, "Znanie," 1968. 32 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Nauka o Zemle," 5).
- SVIATLOVSKI, A. E. [Outline of the history of the Quaternary volcanism and tectonics of Kazakhstan]. Ocherk istorii chetvertichnogo vulkanizma i tektoniki Kazakhstana. Moskva, "Nauka," 1967. 219 p.
- [TECTONICS AND DISTRIBUTION OF OIL AND GAS FIELDS IN THE EASTERN PART OF THE RUSSIAN PLATFORM]. Tektonika i razmeshcheniye neftegaznykh mestorozhdeniy na vostochnoi Russkoi platforme. Moskva, "Nauka," 1968. 186 p.
- TOSIKOV, E. M., and P. I. KULAKOV. [Development of Mississippian carbonate layers in the Cherno-Iugusheta]. Sostav i razmeshcheniye karbonatnykh plastov mississippijskogo otlozheniya Cherno-Iugusheta. [Grozny]. Chernen-Iugushet. kn. 1967. 82 p. [MICROFILM]
- [UL'YANOVSK, LENIN'S NATIVE CITY]. Ulyanovsk. Rodina Lenina. Shtatnyy, Prikluzh. kn. izd. 1967. (chiefly illuz.)
- VOL'SKI, V. F. [Three trips to the country of White Russians. A look about White Russia]. Tri put'esviya v belorusskuyu, Kirga o Belorussii. "Bel. lit.," 1967. 221 p. (Ty po shirane pish').
- VYSHNAUSKAITĖ, A. [Pamphlet on Lithuanian Lithuanian science tradition]. Vilmus, "Mintis," 1963. 171. illus. [In Lithuanian]
- ZUNOV, S. M. [Physical geography of the U. S. S. R. Regional review]. Fizicheskaya geografiya SSSR. Region, obzor Minsk, "Vyshelebi, shkola." Ch. 2. [West Siberian Plain, Illerky area in Kazakhstan and Turgay Plain, Caspian, -plains. Moundlains of Crystal Ash]. Zapadno-Sibirskaya ravnina, Kazakhskii molokopost i Turgayskaya planiya. Prikluzhishch. Tumanek ravniny, Gury Sibirskoi Azii. 1967. 272 p.

13. SCIENCE

- [ACHIEVEMENTS OF SCIENCE. Algebra, Topology, Geometry]. Dostizheniya nauki. Algebra, Topologiya, Geometriya. 1968. Moskva, 1968. 268 p. [Seriya "Matematika"].
- AGEEVA, D. L. [Phase diagrams of multicomponent systems of metallic elements and silicon]. Diagramy sostoiyeniya mnogoelementnykh sistem. Otkrytie elementov i kromiya. Moskva, (Dostizheniya nauki, Seriya "Khimiya"). Vyp. 3. 1968. 143 p.
- AKADEMIYA NAUK SSSR. Institut fizicheskoi khimii. Elementy nauki i prirody na 1968 god. [Planirovka na 1968. Opytnyye Epimorfozes. Leningrad, "Nauka," [Vol. 22] 1967. 161 p.]
- ALEKSANDROV, I. A., and others. [System of control of Chernobyl accident with data processing on an M-20 computer]. Sistema kontrolya avarii na chernobyl'skikh yadryakh i analiza danykh vychislitel'noy mashiny M-20. Moskva, 1968. [MICROFILM]
- ANDRIANOV, K. A. [Silicon]. Kremniy. Moskva, "Nauka," 1968. 600 p. (Metody elementnogo analiza khimii).
- AKOIKIN, P. K. [Biology and zoophysiology of conditioned reflex]. Biologiya i zoofiziologiya uslovnogo refleksa. Moskva, "Meditsina," 1968. 64 p.
- ANTONOVA, T. D., V. V. VITKEVICH, and V. I. VIL'KOV. [Observations of the scintillation of radio source inhomogeneities of interplanetary plasma]. Naблюdeniya merkanila radioizlucheniya na neodnorodnykh neizplannetnoy plazmy. Moskva, 1968. 12 p. [MICROFILM]
- [APPARATUS, METHODOLOGY, AND INSTRUMENTS OF GEOPHYSICAL OBSERVATIONS]. Apparaty, metody i instrumenty geofizicheskikh naizh Kazan', Izd. Kazan. un-ta, Vyp. 2. 1967. 101 p.
- ASTRONOMICHESKAYA KONFERENTSIYA SSSR, Pulkovo, 1968. [Transactions of the 17th Astronomical Conference of the U. S. S. R. Pulkovo, 1968. Leningrad, "Nauka," 1967. 236 p.]
- [ATMOSPHERIC OPTICS. (Transactions of conference on atmospheric optics of the Commission of the Unstable of the Earth's Atmosphere of the Academy of Sciences of the U. S. S. R. Pulkovo, November-December 1965. December 1966)] Atmosfernaya optika. (Trudy soveshchaniy po atmosfernoi optike Komissii po nestabil'noi zemnoi atmosfere Akademiya Nauk SSSR, Pulkovo, noyabr'-dek. 1965 g. i dek. 1966 g.) "Nauka," 1968. 191 p.

- BARIT, L. A., and V. A. SERGEEV. [Charge-independent analysis of experiments with nucleus scattering on nuclei at $A \approx 3$] Zarabazhivaniya i drugiye analizy eksperimentov po rassaitaniyu yadern na yadryakh $A \approx 3$. Moskva, 1965, 14 p.
- [MICROFILM]
- BAZOV, N. G., and others. [Semiconductor laser with two-photon optical excitation]. Priborostroyeniye i konstruirovaniye sverkhvolnovykh opticheskikh ustroystv. Moskva, 1965, 13 p.
- [MICROFILM]
- BAZOV, N. G., D. V. BOGDANOVICH, and A. G. DOVIATKOV. [Some characteristics of the generation of optical radiation in CrS following electric excitation]. Nekotorye kharakteristiki generirovaniya opticheskogo izlucheniya na CrS pri elektricheskoy volnizatsii. Moskva, 1966, 3 p.
- [MICROFILM]
- BAT, M. I., E. H. DZHANKELIDZE, and A. S. KEL'ZON. [Thermoelectric mechanisms in exercises and problems]. Termoelektrika: uchebnyy i prikladnyy zadaniya. Moskva, "Nauka," 1966, 224 p.
- T. 2. [Dynamics]. Dinamika. Pod red. G. H. Dzhankeleze i D. R. Markhvi. Izd. 4-e, pererabot. 1966, 624 p.
- BEDELOV, M. R., and others. [Radiation of a direct pinch discharge in the visible and ultraviolet regions]. Izlucheniye pri razryadakh s pryamym tokom (puchki) i vidimyy i ul'trafioletovyy oblasti. Moskva, 1965, 5 p.
- [MICROFILM]
- BEIMOVICH, H. F. [Physics quizzes in secondary schools]. Fizicheskoye voprosnyk v sredney shkole. Izd. 2-e, dop. Moskva, "Prosvetshcheniye," 1968, 174 p.
- [BIONICS AND BIOCYBERNETICS] Biologiya i kibernetika. Izd. "Znaniye," 1969, 260 p.
- [BIOSYNTHESIS OF AMINO ACIDS BY MICROORGANISMS] Biosintez aminokisl ot mikroorganizmov. Moskva, "Nauka," 1968, 295 p.
- [BIRDS OF THE U.S.S.R.] Ptitsy SSSR. Moskva, "Mysl'," 1968, 637 p. (Spravochnik opredelitel' ptitsy i puteshestvennika).
- [CHEMISTRY OF ACETYLENE] Khimiya atsetilena. Moskva, "Nauka," 1968, 320 p.
- [CLIMATIC CHARACTERISTICS OF CLOUD COVER FOR THE PERIOD OF THE IV AND IGC. Northern Hemisphere]. Klimaticheskiye kharakteristiki oblakonnosti za period MGII i MGS. Severnoye polushariye. Moskva. Vyp. 1. [The U.S.S.R.] SSSR. Pod red. V. A. Lohmanov. 1964, 56 p.
- [COLLECTION OF PROBLEMS IN HIGHER MATHEMATICS] Sbornik zadach po vyssheymu matematike. Pod red. L. S. Markovtsh. Moskva, "Vyssh. shkola," 1967, 230 p.
- BOBYLEVA, I. M., S. S. ZILITINKOVICH, and D. I. LAIKIMAN. [Turbulent motion in thermally stratified planetary boundary atmospheric layers]. Turbulentnyy rezhim v termicheski stratifitsirovannoy planetarynoy poqranchnoy sloe atmosfery. Moskva, 1965, 22 p. (Mezhdunarodnyy kollektiv po mikrostrukture atmosfery i vliyaniiy turbulentsosti na rasprostraneniye radiovoln [Doklad 6]).
- [MICROFILM]
- BORISOV, D. M., and K. M. DESHEVOI. [Textbook for solving problems in descriptive geometry]. Posobie k resheniyu zadach po uchebnoy metodicheskoy geometrii. Leningrad, 1965, 105 p.
- BOTSULA, R. A. [Binary stellar systems with atmospheric occultation of the type δ Aur]. Dvuyne zvezdydnyye sistemy s atmosferynym zatmeneniem tipa δ Voznichego. Moskva, "Nauka," 1960, 104 p.
- BRILL, O. D., and others. [Secondary nucleons forming through proton interaction with nuclei in the shielding]. Vtorichnyye yadrya, obrazuyushchiesya pri vzaimodel'stii protonov s yadrami zaschity. Moskva [1966] 34 p.
- [MICROFILM]
- BYZOVA, N. I., V. N. IVANOV, and S. A. MOHOZOV. [Turbulence characteristics of the velocity of wind and temperature in the boundary layer of the atmosphere]. Turbulentnyye kharakteristiki skorosti volra i temperatury v poqranchnom sloe atmosfery. Moskva, 1965, 14 p. (Mezhdunarodnyy kollektiv po mikrostrukture atmosfery i vliyaniiy turbulentsosti na rasprostraneniye radiovoln [Doklad 6]).
- [MICROFILM]
- DAREVSKII, I. S. [Insects of the Caucasus. Taxonomy, ecology and polygeny of the polytypic groups of the Caucasian Hymenoptera of the Archaeocerata suborder]. Sestiny kashcheritsy Kavkaza. Sistematika, ekologiya i filogeniya politipicheskoy gruppy kashcherits kashcherits podroda Archaeocerata. Leningrad, "Nauka," 1967, 214 p.
- DEMENTEV, N. P., A. K. RUSTANOV, and S. M. USPENSKI. [A cold and hot weather. (Animal and landscape)]. V shkol'noye i zim. [Zhivotnye i landskaf]. Moskva, "Mysl'," 1967, 134 p. (Rasskazy o prirode).
- DEIMOVICH, H. F. [Lectures on the mathematical theory of stability]. Lektsii po matematicheskoy teorii ustoychivosti. Moskva, "Nauka," 1967, 472 p.
- DINESMAN, I. G. [Study of the theory of biogeochemical in animal burrows]. Dushenie i zhizn' biogeochemicheskoye po rodam zhivotnykh. Moskva, "Nauka," 1968, 103 p.
- DOBROUBSKAYA, T. S. [Luminescent methods of analysis determination]. Luminescentnyye metody opredeleniya vrach. Moskva, "Nauka," 1965, 95 p.
- [EFFECTIVENESS OF SCIENTIFIC AND TECHNOLOGICAL CREATIVE WORK] Efektivnost' nauchno-tekhnicheskogo tvorчества. Moskva, "Nauka," 1968, 103 p. (Seriya "Organizatsiya i upravleniye").
- [ELEMENTS OF THE PROBABILITY THEORY AND SOME PROBLEMS OF AFFECTING EXPERIMENTAL DATA PROCESSING]. Abstract of lectures. Elementy teorii veroyatnostey i zadachi vzaymoznoy obrabotki opytnykh dannyykh. Konspekt lektsii. Volgograd, Nizhne-Volzhskoe kn. izd., 1967, 95 p.
- [MICROFILM]
- FETISOV, V. E. [Effect of the structure of three-particle model on photodisintegration cross sections]. Vliyanie struktury trekhchastichnykh model na sechnyy fotorasschepteniya. Moskva, 1965, 4 p.
- [MICROFILM]
- FIRIKENGOI, T. S. G. M. [Fundamentals of mathematical analysis]. Osnovy matematicheskogo analiza. Izd. 6-e, stereotip. Moskva, "Nauka," 1968, 449 p.
- FOKES, D. H. [Homotopy topology]. Gomotopicheskaya topologiya. Sest. V. G. Gromakht, A. L. Lomachenko, Po lektsiiam D. B. Foksa. Moskva, Izd. Mosk. un-ta, [Ch. 1]. 1967, 157 p. [Ch. 2]. 1968, 253 p.
- GOLITS, E. A. [Short hydrogen plasmas]. Korotkie vodородnyye plazmennyye signaly. Moskva, 1966, 6 p.
- [MICROFILM]
- GORBUNOV, L. M., and V. P. SILIN. [Instability of a plasma in a strong high-frequency field]. O nestoychivosti plazmy v sil'nom vysochekchastotnom pole. Moskva, 1965, 16 p.
- [MICROFILM]
- GORBUNOV, L. M., and V. P. SILIN. [Scattering of waves in a plasma]. O rassaitanii voln v plazme. Moskva, 1966, 11 p.
- [MICROFILM]
- GORELIK, A. G. [Radar methods for studying atmospheric turbulence]. Radiolokatsionnyye metody issledovaniya turbulentsii atmosfery. Moskva, 1965, 25 p. (Mezhdunarodnyy kollektiv po mikrostrukture atmosfery i vliyaniiy turbulentsosti na rasprostraneniye radiovoln [Doklad 3]).
- [MICROFILM]
- GRIVICH, A. S., L. R. TSVANG, and A. M. IAGLOM. [Empirical data on small-scale structure of atmospheric turbulence]. Empiricheskiye dannyye o malomeshkal'noy strukture atmosferynoy turbulentsii. Moskva, 1965, 10 p. (Mezhdunarodnyy kollektiv po mikrostrukture atmosfery i vliyaniiy turbulentsosti na rasprostraneniye radiovoln [Doklad 4]).
- [MICROFILM]
- [HEAT AND MASS TRANSFER IN AN ELECTROMAGNETIC FIELD]. Teplo- i massopoben v elektromagnitnom pole. Riga, "Zinatne," 1967, 223 p.
- IABLOKOV, A. V. [The theory of evolution today]. Evolyutsionnaya teoriya segodnya. Moskva, "Znanie," 1968, 32 p. (Novoye v zhizni, nauke, tekhnike. Seriya "Biologiya," 4).
- IZMAILOV, I. V. [Birds of the Vitim Plateau]. Ptitsy Vitimskogo ploskogor'ya. Ulan-Uda, Buriat'skoe kn. izd., 1967, 303 p.
- KADYMOV, I. A. U. [Transients in systems with distributed parameters]. Peremennyye protsessy v sistemakh s raspredelennyimi parametrami. Moskva, "Nauka," 1966, 191 p.
- KIDOROV, B. M. [Marxist history of natural sciences]. Marksistskoye istoriya estestvoznaniya. Moskva, "Znanie," 1966, 49 p. (Novoye v zhizni, nauke, tekhnike. Seriya "Filosofiya," 4).
- KAMINSKAYA, V. P., and I. N. SELEZNEVA. [Programmed textbook on descriptive geometry. For students of the Nizhny Novgorod Electrical Engineering Institute]. Programirovannoye posobie po deskriptivnoy geometrii. Dlya studenkov NEN. Nizhny Novgorod, 1967, 156 p.
- KLIMOVA, V. A. [Basic micro methods of analysis of organic compounds]. Osnovnyye mikro metody analiza organicheskikh veshchestv. Moskva, "Khimiya," 1967, 208 p.
- KOLIEROV, D. K. [Methodological principles of gas analysis measurements]. (Theory and practice of the preparation of calibrating and control gases and gas mixtures). Metodologicheskiye osnovyy gazovyykh izmereniy. (Teoriya i praktika polucheniya gradustroyenyykh i poverknykh gazov i gazovykh smesey.) Moskva, Izd. standartov, 1967, 195 p.
- KOLOTOV, S. M., and others. [Descriptive geometry. (Programmed textbook)]. Kurysova geometriya. (Programirovannyy podruchnyyk). [Kyiv] Vyt. Kyivs'koho un-tu, 1967, 174 p.
- KONFERENTSIYA BIOKIMIKOV RESPUBLIK SREDNEY AZII I KAZAKHSTANA, Ist. Akad. Na., 1968. [Transactions of the 1st Conference of Biochemists of the Republics of Central Asia and Kazakhstan]. Trudy, Tashkent, "Fan," 1967, 484 p.
- KONFERENTSIYA PO POVERKINOSTNYM SILAM, 30, 1968. [Studies in the field of surface forces. Collection of papers]. Issledovaniya v oblasti poverkhnostnykh sil. Sbornik dokladov. Moskva, "Nauka," 1967, 543 p.
- KONSTANTIN TITOVICH POROSHIN. Vstup. slava i U. Zhurnova S. H. Dvukhstani. Bibliografiya sost. L. V. Tarsomov. Dushanbe, "Dushanbe," 1967, 46 p. (Materialy k bibliografiy o cheykh i Tadjikistane. Vyp. 12).
- KORSHINSKAYA, V. M. [Three great lives]. Tri vol'nykh zhizni. Leningrad, "Det. lit.," 1968, 703 p. (Shkol'naya kn.).
- KOTOV, A. A. [Events of interesting arithmetic. For students of the ninth grade of elementary schools]. Vechera zanimatel'noy arifmetiki. Dlya uchashchikhsya 9-go klassa uch. shkol. Izd. 2-o, 1-oy, i 2-oy. Moskva, "Prosvetshcheniye," 1967, 181 p.
- KOZLOV, V. V. [Wolves of the Siberian forest steppe and their extermination]. Volki Issosigoyed Shvri i kni bishrebiota. [Krasnoyarsk]. Krasnoyarskoe kn. izd., 1966, 128 p.
- [MICROFILM]
- KRASOVSKI, A. A. [Statistical theory of transients in control systems]. Statisticheskaya teoriya peremennyykh protsessov v sistemakh upravleniya. Moskva, "Nauka," 1968, 240 p. (Teoret. osnovyy tekhn. kibernetiki).
- KROPOTKIN, A. P., and V. V. PUSTOVALOV. [Decay of longitudinal waves in a nonisothermal magnetoactive plasma]. Raspad prodol'nykh voln v neizotermicheskoj magnetoaktivnoy plazme. Moskva, 1966, 26 p.
- [MICROFILM]
- LAZAREV, P. P. [Tables of gas-dynamic parameters of nitrogen and argon behind incident and reflected shock waves]. Tablitsy gazodinamicheskikh parametrov ozola i argona za pnychishchey i ot azhymoi udarnoi volny. Moskva, 1966, 1 v.
- [MICROFILM]
- LEFEVRE, V. A., and G. I. SMOLIAN. [Algebra of control]. Algebra kubitika. Moskva, "Znanie," 1968, 63 p. (Novoye v zhizni, nauke, tekhnike. Seriya "Matematika, kibernetika," 3).
- LEONOV, A. A. and V. I. LEBEDEV. [Perception of space and time in the universe]. Vospriyatie prostranstva i vremeni v kosmose. Moskva, "Nauka," 1968, 116 p.
- LILICH, I. S. [Some aspects of the modern concept of electrolyte solutions]. Nekotorye aspekty sovremennogo predstavleniya o rastvorakh elektrolitov. Leningrad, Izd. Leningr. un-ta, 1967, 27 p. (Khimiya v vuzakh. Vyp. 4).

ITCHOVSKII, V. A., and V. N. TAYTOMICH. [The function of the sense of vision in a planet in the presence of the semicircular canals] *Biophysics of the sense of vision*. Moscow, 1967. 14 p. [MICROFILM]

[MANUAL FOR CHEMISTS] *Spravochnik khimika*. 2-e izd., pererabot. i dop. Leningrad, "Khimich.", 1967. 716 p. [Rus. materials and products of the industry. Chemical substances. Scientific aspects. Promyshlennost', antitoksykologiya i selskoye. 1967. 131 p.]

MAKHICHEN, D. R. [Physiology of adrenergic receptors] *Fiziologiya adrenergicheskoy*. Moscow, "Nauka," 1968. 245 p.

MAKHICHEN, D. R. [Working with a radio] *Osnovy radiofiziki*. Akad. Nauch. SSSR. Kazan', 1965. 163 p.

MEDVEDEV, D. V., M. K. POLIVANOV, and A. D. SUNKAROV. [A model of interaction with derivatives. Changing problem and the normal form of solution] *Modeli vzaimodeystviya s proizvodnymi. Problema izmeneniya formaly normalnogo resheniya*. Kiev, 1967. 72 p.

MEDVEDEV, D. V., M. K. POLIVANOV, and A. D. SUNKAROV. [Problems of the dynamic apparatus of quantum field theory in the adiabatic method. Problems of the dynamic apparatus of quantum field theory in the adiabatic method. Kiev, 1967. 31 p.]

MERING, T. A. [Characteristics of the closing of the red blood cell in flux conversion] *Osnovy fizicheskoy teorii funktsionirovaniya*. Sverdlovsk, 1967. 159 p.

[MICROBIAL SYNTHESIS OF BIOLOGICALLY IMPORTANT SUBSTANCES] *Mikrobiyalni sintez biologicheskikh vazhnykh veshchestv*. Riga, "Zinatne," 1968. 133 p.

MIKHAIL ALEKSANDROVICH MIKHAYEV, Valup. statiya V. A. Baranov. Bibliografiya s slaviy A. P. Epifanov. Moscow, "Nauka," 1967. 37 p. [Materials of the 10th anniversary of the USSR. Series of scientific works. Teplichnik. Vyp. 11.]

MIKHAYLOV, V. K., and N. N. MIKHAYLOVA. [Laboratory manual on mathematics] *Matematicheskiy laboratornyy posobie*. Cherkassy, 1967. 86 p.

[MOLECULES AND CELLS] *Molekuly i клетки*. Pod red. I. S. Prishch. G. M. Fraum. Moscow, "Mir," 1968. 267 p.

N. I. GEL'PERIN, and V. G. AINSHTERN. [Fluidization] *Parushizatsiya*. Moscow, "Znanie," 1968. 63 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Khimiya," 5).

NAUCHNAYA KONFERENTSIYA MOLODYKH UCHENYKH LITOVSKOI SSR, RABOTAYUSHCHIKI V OBLASTI FIZIKI, MATEMATIKI I KIBERNETIKI. Vilnius, 1967. [Materials of the Scientific Conference of Young Scientists of the Lithuanian S.S.R., Specializing in Physics, Mathematics, and Cybernetics] *Materialy konferentsii*. Vilnius, 1967. 370 p.

[ON THE 100th ANNIVERSARY OF THE BIRTH OF MARIE CURIE, 100 let so dn rozhdeniya Marii Kiri. Sbornik. Moscow, "Znanie," 1968. 62 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Fizika. Astronomiya," 4).

ORLOV, I. U. A. [In the kingdom of ancient animals. Paleontological essays on vertebrates] *V mire drevnykh zhivotnykh. Ocherki po paleontologii pozvonochnykh*. 2-e izd. Moscow, "Nauka," 1968. 211 p.

PATONOV, V. E. [Method of images in the electrodynamic of continua] *Metod izobrazheniy v elektrodinamike sploshnykh sred*. Moscow, 1969. 25 p. [MICROFILM]

[PAPERS OF THE 10th ANNUAL LECTURE IN MEMORY OF N. A. KHOLODKOVSKI, APRIL 1, 1969] *Doklady na devyatsatigodnyy ezhegodnyy chislennykh N. A. Kholodkovskogo i aprelya 1969 g.* Moscow, "Nauka," 1967. 83 p.

[PASSAGE OF RADIATION THROUGH MATTER] *Prokhozhdeniye izlucheniya cherez veshchestvo*. Sbornik statei. Pod red. A. I. Alekseeva. Moscow, Atomizdat, 1968. 193 p.

PCHELIN, D. K. [Vector analysis for electrical engineers and wireless operators] *Vektorny analiz dlya inzhenerov-elektrikov i radiovoln*. Moscow, "Energia," 1968. 255 p.

PLANK, MARK. [Uniformity of the physical image of the universe] *Edinstvo fizicheskoi kartiny mira*. Sbornik statei. Moscow, "Nauka," 1968. 285 p.

PLETNEVA-SOKOLOVA, A. D., A. N. UVOVA, and K. S. DMITRIYEVA. [Russian-Chuvash dictionary of plant names found in Chuvashia] *Russko-chuvashskii slovar' rasteniy naidennykh v Chuvashii*. Kazan', 1967. 38 p.

PODYMOK, V. K. [Textbook on elementary physics. For preparatory correspondence courses] *Posobie po elementarnoi fizike. Dlya zaokh. poselgov. Kazan', Kazan', 1967. 155 p. IV ponoshech' poselgovskikh vuzov.*

POMANSKII, A. A. [Partial stability of lithium as a detector of solar neutrons] *Prilozheniya k teorii solnechnykh neitronov*. Moscow, 1966. 11 p. [MICROFILM]

PRISHCHKO, G. F. [Artificial precipitation from condensation clouds] *Ispytaniya na kondensatsionnykh oblakakh*. Pod obsht. red. V. G. Korotkevskogo. Leningrad, Gidrometeoizdat, 1963. 175 p.

PRIVES, M. G., N. E. LYSENKO, and V. I. DUSIKOVICH. [Russian-Chuvash dictionary] *Russko-chuvashskii slovar'*. Kazan', 1968. 82 p.

[PROBLEMS OF INTEGRITY IN MODERN BIOLOGY] *Problema tselostnosti v sovremennoi biologii*. Moscow, "Nauka," 1968. 385 p.

[PROBLEMS OF THE PHYSICAL CHEMISTRY OF ELECTROLYTE SOLUTIONS] *Voprosy fizicheskoi khimii rastvorov elektrolitov*. Pod red. G. I. Mikheeva. Leningrad, "Khimiya," 1968. 318 p.

[PROBLEMS OF THE THEORY AND HISTORY OF DIFFERENTIAL EQUATIONS] *Voprosy teorii i istorii differentsialnykh uravnenii*. Kiev, "Naukova dumka," 1959. 163 p.

PROKOF'EV, A. A. [Formation of seeds as storage organs. Reported at the 27th Annual Timirязev Lecture on June 3, 1966] *Formirovaniye semeny kak organy zapasa. Dolozheniya na dvadtsati sed'mom ezhegodnom Timirязevskom chislenii* 3 iyunya 1966 g. Moscow, "Nauka," 1968. 52 p. (Timirязevskie chteniya. 27).

[PROPERTIES OF GASES AT HIGH TEMPERATURE] *Physico, gas dynamics, thermodynamics and physics of combustion*. *Svoystva gazov pri vysokokh temperaturakh. Fiz. gazodinamika, termodynamika i fizika zheneniya*. Moscow, "Nauka," 1967. 184 p.

[RESEARCH IN THERMOGRAPHY AND CATALYSIS] *Issledovaniya po termografii i katalizu*. (Rostov-na-Donu) Rostovskoe kn. izd., 1965. 62 p. [MICROFILM]

[RESULTS OF OBSERVATIONS DURING THE INTERNATIONAL YEAR OF THE QUIET SUN. Siberia and the Far East] *Rezultaty naabludeniya i issledovaniya v period MESS. Sibir i Dal'nii Vostok*. Moscow, "Nauka," 1967. 198 p.

RIABTSEV, A. N., and N. K. SEKHODREY. [Photometric properties of "ultra" films in the vacuum ultraviolet region of the spectrum] *Issledovanie fotometricheskikh svoystv plenki "ul" v vakuumnoi ultravioletnoi oblasti spektra*. Moscow, 1966. 2 p. [MICROFILM]

RIZAEV, R. U. [Production of organic substance from their extracts by the adsorption method] *Proizvodstvo organicheskikh veshchestv iz ikh ekstraktov metodom adsorbitsii*. Tashkent, "Nauka," 1968. 235 p.

ROZACHOV, I. U. A. [Lectures on the probability theory] *Lektsii po teorii veroyatnostei*. Moscow, "Nauka," 1968. 120 p.

SAKHAROV, V. V. [Organism and environment] *Organizm i sreda*. Moscow, "Znanie," 1968. 47 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Biologiya," 31).

[SCIENCE AND MANKIND 1967. Popular and exact information on the most important developments in world science. An international yearbook] *Nauka i chelovechestvo 1967. Dostupno i tochno o glavnykh v mirovoi nauke. Mezhdunar. ezhegodnik*. Moscow, "Znanie," 1967. 422 p.

SEIDOV, N. M. [New ethylene and propylene base synthetic rubber] *Novyi sinteticheskii kaukuk na osnovy etilena i propilena*. Baku, Azerneft, 1966. 125 p.

SEMINAR "NEKOTORYE PROBLEMY BIOFIZIKI, PRIMENENIYE ELEKTRONIKI V BIOLOGII I MEDITSINE." [Seminar "Problems of biophysics, applications of electronics in biology and medicine"] *Seminar "Nekotorye problemy biologii i meditsiny"*. Kiev, 1967. 120 p.

SEMINAR PO MIKROFAUNE, 4th, Leningrad, 1965. [Materials of the Fourth Seminar on Microfauna] *Materialy IV seminar po mikrofaune*. Moscow, ONTI VIEM, 1967. 120 p. (Materialy konferentsii i seminarov, soveshchaniy).

SHAPOSHNIKOV, V. H. [Main physicochemical characteristics of the physiology of metabolism in nervous organisms] *Osnovy fiziko-khimicheskoy zhiznennosti i fiziologii nervnykh veshchestv i nervnykh tsentrov*. Moscow, "Nauka," 1968. 123 p.

SIMPOZIUM PO KHIMICHESKOI SVIAZI V POLEPROVODNIKAKH, Minsk, 1967. [Abstracts of reports of the Symposium on the Chemical Bond in Semiconductors] *Tezisy dokladov*. Minsk, 1967. 113 p.

[SOME PROBLEMS IN MOLECULAR PHYSICS AND SPECTROSCOPY] *Nekotoryye voprosy molekulyarnoi fiziki i spektroskopii*. Sverdlovsk, 1967. 81 p.

SOVESICHANIE PO GEOTERMICHESKIM ISSLEDUVANIYAM V SSSR, 20, Leningrad, 1964. [International status and utilization of the earth's heat. Translations] *Geotermicheskie issledovaniya i ikh primeneniye*. Leningrad, 1964. 441 p.

[SPOON PLANTS] *Spravochnik rasteniy*. Kazan', 1967. 187 p.

SYROVATSKII, S. I. [Dynamic dislocation of a magnetic field and particle acceleration] *Dinamicheskaya dislokatsiya magnitnogo polya i uskoryeniye zaryadov*. Moscow, 1966. 32 p. [MICROFILM]

TAGIROV, I. I. [Introduction to high-vacuum physics and its application. General and special laboratory manual] *Vvedeniye v fiziku vysokogo vakuumu i ego primeneniye. Laboratornyy spetsializatsionnyy posobie*. Kazan', 1964. 100 p. [MICROFILM]

TARAN, V. A., S. S. IRINNIK, and I. N. KOFAKOV. [Mathematical aspects of the automation of production processes] *Matematicheskiye voprosy avtomatizatsii proizvodstvennykh protsessov*. Moscow, "Vyssh. shkola," 1968. 210 p.

TASLIEV, A. O., and others. [Birds of a cultivated landscape] *Ptitsy i kulturnyy landshtaf*. (Tezisy nauchnykh i metodicheskikh dokladov). G. I. Dzhuravlev i K. I. Shchegoleva. Ashkhabad, "Ilym," 1967. 138 p.

TESHAEVA, N. K. [Methods of mathematical physics. Textbook for students of universities and pedagogical institutes] *Matematicheskiye metody*. (VSSR) *Matematicheskiye metody*. (Tezisy nauchnykh i metodicheskikh dokladov). G. I. Dzhuravlev i K. I. Shchegoleva. Ashkhabad, "Ilym," 1967. 138 p.

[THERMODYNAMIC AND TRANSPORT PROPERTIES OF CHEMICALY REACTING GASEOUS SYSTEMS] *Termodynamicheskiye i perenosnyye svoystva khimicheskikh reaktiviruyemykh gazovykh sistem*. Pod red. A. K. Kravtsova i V. B. Neustroeva. Minsk, "Nauka i tekhnika," 1967. 200 p.

TIAPKIN, K. F. [Graphic methods of interpretation of gravity anomalies] *Gravicheskkiye metody interpretatsii gravitatsionnykh anomalii*. Moscow, "Nedra," 1968. 226 p.

TIKMA, BORIS. [Reaction force in slates] *Reaktivnaya sila v shistakh*. Tallinn, 1967. 34 p. [In Estonian]

TSVETLODUB, N. I. [Tables for reducing angular dimensions to linear dimensions] *Tablitsy perevoda uglovyykh razmerov v lineinye*. Kiev, "Tekhnika," 1968. 96 p.

UKRAINSKOE RESPUBLIKANSKOE NAUCHNOE OSHCHISTVO PARAZITOLOGOV. [Problems of parasitology. Abstracts of reports of the 5th Scientific Conference of the Ukrainian Scientific Society of Parasitologists] *Problemy parazitologii*. Tezisy dokladov V Nauchnoi konferentsii Ukrainskogo respublikanskogo nauchnogo obshchestva parazitologov. Kiev, "Naukova dumka," 1967. 611 p.

- VAILOV, V. S., and others. [Electrical properties of diatoms determined by lithium and boron ions] Elektricheskie svoystva plazmy, poluprovodnykh ionosfernykh iunantov litia i bora. Moscow, 1966, 7 p. [MICROFILM]
- VESELAGO, V. G., M. V. GLUSHKOV, and A. M. PROKHOROV. [Superhigh-frequency properties of the plasma of a solid] Sverkhvysokochastotnye svoystva plazmy tverdogo tela. Moscow, 1966, 10 p. [MICROFILM]
- VINICHENKO, N. K., N. Z. PINUS, and G. N. SHIR. [Some results of experimental studies of turbulences in the troposphere] Nekotorye rezul'taty eksperimental'nykh issledovaniy turbulentsii v troposfere. Moscow, 1965, 14 p. (Mekhanizmy kollektivnykh mikrostrukturnykh i vliyanie turbulentsii na rasprostraneniye radiovoln [Doklady 2]). [MICROFILM]
- VINOGRADOV, A. V. [Excitation of atoms by heavy particles] O vzbuzhdenii atomov tiazelyimi chazhichastitsami. Moscow, 1966, 6 p. [MICROFILM]
- VOLKOV, G. M. [Science and society] Nauka i obshchestvo. Moscow, "Znanie," 1967, 83 p. (Novye v zhenit, nauke i tekhnike. XVI Seriya: Nauchnyi humanizm, 9).
- VORONOV, U. L. [Solution of axionlike equations in perturbation theory] Resheniye aksiomicheskikh uravnenii po teorii vozmushchenii. Moscow, 1966, 24 p. [MICROFILM]
- VORONTSOV-VEL'AMINOV, I. A. [Galaxies, nebulae, and explosions in the universe] Galaktiki, tumanosti i vzyryvy vo Vselemir. Moscow, "Izvestiya," 1967, 175 p. (Novye v nauke).
- VOVCHENKO, G. I. [Oxidation-reduction reactions] Oksidirovaniye vostoimivitel'nykh v'eshchestv. Novosibirsk, 1967, 25 p.
- VSEKOL'ZNAIA KONFERENTSIYA PO KATALITICHESKIM REAKTSIYAM V ZHIDKOI FAZE, 2d, Alma-Ata, 1966. [Catalytic reactions in the liquid phase. (Transactions of the Second All-Union Conference)] Kataliticheskiye reaktsii v zhidkoi faze. (Terny vtoroi Vsesoyuznoi konferentsii). Alma-Ata, "Nauka," 1967, 207 p.
- ZAVADSKII, K. M. [Speeches and speeches forwarded] Vni i vlyeniye zvyaniy. Leningrad, "Nauka," 1966, 404 p.
- ZHIGALOV, L. N. [Magnetics perturbations in the Antarctic. (According to data of the International Geophysical Year)] Magnitnye vozmushcheniya v Antarkide. (Doklady MGU). Pod red. A. P. Nikolskogo. Leningrad, Gidrometizdat, 1967, 104 p.
- ## 14. MEDICINE
- ALTANSKH KRAEVOI S'VEZD TERAPEVTOV, 3d. [Predictions of cardiology and hematology. Materials] Voprosy kardiologii i gematologii. Materialy. Barnaul, 1967, 187 p. (DNM)
- ANASASHVILI, A. TS. [Glycoproteins of the blood serum and urine. (Hematology, physiology and pathology)] Glikoproteidy sывorotki krovi i mochi. (Gematologia, fiziologiya i patologiya). Moscow, "Meditsina," 1966, 228 p.
- AZERBAIDZHANSKOE NAUCHNOE FARMATSEVTICHESKOE OBSHCHESTVO. [Materials of the Out-of-Town Scientific and Practical Conference of the Azerbaijan Scientific Pharmaceutical Society held in Kirovabad] Materialy vyzhnoi nauchno-prakticheskoi konferentsii Azerbaidzhanskogo nauchnogo farmatsevticheskogo obshchestva v gor. Kirovabade. Baku, 1967, 161 p.
- BASS, M. M., and D. F. GLUZMAN. [Malignant tumors in children] Zlokachestvennye opukhli u detei. Tashkent, "Meditsina," 1967, 190 p.
- BLINKOV, S. M., and N. A. SMIRNOV. [Displacements and deformations of the brain. Morphology and clinical aspects] Smesheniya i deformatsii golovnoy mozga. Morfologiya i klinika. Leningrad, "Meditsina," 1967, 203 p.
- [CONSCIOUSNESS, Materials of a discussion on problems of consciousness at a symposium held on June 1-3, 1966 in Moscow] Soznanie. Materialy obshchestvennogo problema raznaniya na simpoziume, sostoiavshemsya 1-3 iunya 1966 g. v Moskve. Pod red. V. M. Danilchikova i dr. Moscow, 1967, 357 p.
- DANISHEVSKII, G. M. [Human pathology and prevention of diseases in the North] Patologiya cheloveka i profilaktika zabolevani na Severe. Moscow, "Meditsina," 1968, 412 p.
- DIL'MAN, V. M. [Aging, climax and cancer. Aging and diseases connected with hyperfunction of the hypothalamus as a special pathological group: compensation diseases] Starenie, klimaks i rak, s'tareniye i bolezni, svyazannyye s giperfunktsiei gipofizarnaya k'ka uslabit gruppy patologii - bolezni kompensatsii. Leningrad, "Meditsina," 1966, 378 p.
- DOLETSKII, S. I., and A. G. PUGACHEV. [Obstruction of the digestive tract in newborn and infants] Neprozhdodnost' plachevykh i novorojdenykh trakta u novorozhdennykh i grebydykh detei. Moscow, "Meditsina," 1969, 305 p.
- DUSMURATOV, M. D. [Cerebral echinococcosis] Ekhinokokkoz golovnoy mozga. Tashkent, "Meditsina," 1967, 133 p.
- [FUNDAMENTALS OF ENDOCRINOLOGY] Osnovy endokriologii. Pod red. N. M. Drachina i M. I. Merzhtinskogo. 12-e izd., 16 p., 1 dcp. Minsk, "Belarus," 1967, 480 p.
- GRIZANOVA, I. M., and G. I. A. MOLCHAROVA. [Emergency aid in gynecology] Neotlozhnaya pomoosh' v ginekologii. 2-e izd., 16 p., 1 dcp. Moscow, "Meditsina," 1967, 220 p. (11-ka sred. med. shkol). [HEALTH RESORTS OF ADKAZIA DURING THE YEARS OF SOVIET POWER] Kurooty Adkazi za gody Sovetskoi vlasti. Sukkani, "Atakara," 1968, 154 p.
- IARULLIN, KH. KH. [Clinical rheoencephalography. (New method for the study of cerebral blood circulation)] Klinicheskaya reoensefalografiya. (Novyy metod issledovaniya krovosnableniya golovnoy mozga). Leningrad, "Meditsina," 1967, 276 p.
- [INSTRUCTIONS FOR THE DETERMINATION OF THE DISSEMINATION OF HARMFUL SUBSTANCES IN THE AIR (DUST AND SULFUR DIOXIDE), CONTAINED IN INDUSTRIAL WASTE] Ukazaniya po rasseyani razsvetaniyu i analizu v'eshchestv, veshechestv (pyli i aeroliznogo gaza), soderzhashchikh v vybozakh promyshlennykh predpriyatiy SR 369.67. 12d. oiss. Ust. 5/VI 1967 g. Leningrad, Gidrometizdat, 1967, 47 p.
- IRKUTSKII NAUCHNO-ISSLEDovATELSKII INSTITUT TROPANOLOGII I MIKROBIOLOGII. [Materials of the Irkutsk Conference of the Irkutsk Scientific and Research Institute of Epidemiology and Microbiology] Materialy nauchnoi konferentsii. Irkutsk, Vostochno-Sibirskoe kn. izd., 1967, 179 p.
- KARUPU, V. IA. [Nerves of the liver and their reacting properties] Neryi pecheni i ikh reaktivnyye svoystva. Kiev, "Naukova dumka," 1967, 202 p.
- LEBEDEV, K. N. [Physiology and pathology of the peritoneal cavity of the digestive tract] Fiziologiya i patologiya peritoneal'nogo tselost' plachevykh i novorojdenykh. Leningrad, "Meditsina," 1967, 169 p.
- LEBOTSKAIA-ROSSEL'S, E. M. [Alcohol and children] Alkohol i deti. 2-e izd., 48 p. Moscow, "Meditsina," 1968, 80 p. (Knizh.-popul. med. literatura).
- [MATERIALS FOR THE SCIENTIFIC CONFERENCE ON THE PROBLEM OF REGENERATION OF PATHOLOGICAL CHANGES IN ORGANS AND OF REVERSIBILITY OF PATHOLOGICAL CHANGES] Materialy k nauchnoi konferentsii po probleme regeneratsii patologicheskikh izmeneniy organov i obratnosti patologicheskikh izmeneniy. Pod red. B. P. Solov'eva, Gor'ki, 1967, 418 p.
- MEZHIOBLASTNAIA NAUCHNO-PRAKTICHESKAA KONFERENTSIYA AKUSHEROV-GINEKOLOGOV ZAPADNOY OBLASTI USSR, 3d, 1967. [Materials of the Third Interprovincial Scientific and Practical Conference of Obstetrics and Gynecologists of the Western Provinces of the Ukrainian S.S.R.] Materialy konferentsii. Lvov, 1967, 385 p. (DNM)
- MORGENTERN, A. Z. [Achalasia of the esophagus] Akhaliyia plachevykh. Pod red. S. A. Beliberga. Moscow, "Meditsina," 1968, 100 p.
- MOSIN, V. G. [C-reactive protein in some diseases of the respiratory organs] C-reaktivnyi belok pri nekotorykh zabolevaniyakh dykhatel'nykh organov. Leningrad, "Meditsina," 1968, 122 p. (11-ka prakt. vrachei).
- NESTEROV, A. P. [Hydrodynamics of the eye] Gidrodinamika glaza. Moscow, "Meditsina," 1968, 144 p.
- NOVOSELOVA, R. S. [Disorders of cardiac rhythm in children] Narusheniya ritma serdtsa u detei. Moscow, "Meditsina," 1967, 168 p. (11-ka prakt. vrachei).
- OSKOLKOVA, M. K. [Functional diagnosis of heart diseases in children] Funktsional'naya diagnostika zabolevaniy serdtsa u detei. Moscow, "Meditsina," 1967, 232 p.
- PARIN, V. V. [Quantitative methods in biology and medicine] Kvantitativnye metody v biologii i meditsine. Moscow, "Znanie," 1967, 31 p. (11-ka prakticheskogo problema meditsiny. Vyp. 2. No. 1).
- [PATHOGENIC MICROORGANISMS. A handbook] Patogennye mikroorganizmy. Ucheb. rukovodstvo. Pod red. V. P. Mironova. Moscow, Izd. Mosk. un-ta, 1967, 280 p.
- [PHYSIOLOGICAL MECHANISMS OF SPEECH DISORDERS] Fiziologicheskiye mekhanizmy narusheniy rechi. Leningrad, "Nauka," 1967, 204 p.
- PIL'MAN, N. I. [Practical problems of pediatric ophthalmology] Prakticheskiye voprosy detskoi oftalmologii. Kiev, "Zdoriya," 1967, 212 p. (11-ka prakticheskogo vracha).
- POPOV, A. P. [Medical plants in folk medicine] Lekarskiye rasteniya v narodnoi meditsine. Kiev, "Zdoriya," 1967, 316 p.
- [PUBLIC HEALTH IN KALININ PROVINCE DURING 50 YEARS] Zdravookhraneniye Kalinskoi oblasti za 50 let. [Moskva/Mosk. rabochii, 1967, 296 p.
- ROGOZIN, I. I., and V. D. BELIAKOV. [Associated immunization and emergency prophylaxis] Assotsirovannaya immunizatsiya i k'kety gromoi profilaktika. Leningrad, "Meditsina," 1968, 348 p.
- [SANOGENESIS, (Materials of a conference). February 20-22, 1968] Sanozeniz. (Materialy konferentsii). 20-22 febr. 1968 g. Red. S. M. Pavlenko, V. A. Krasnov. Moscow, 1968, 320 p.
- [SCINZOPHRENIA. (Clinical aspects, pathophysiology, therapy). Materials of a conference dedicated to the 80th anniversary of the Clinic named after S. S. Korsakov. (1967-1967)] Skizofreniya. (Klinika, fiziologiya, terapiya). Materialy konferentsii, posvyashchennaya 80-letiyu Kliniki im. S. S. Korsakova. (1967-1967). Mai - iyun 1968 g. Moskva, 1968, 140 p.
- [STUDY OF MATERIALS IN FOOD POISONING CAUSED BY CONDITIONALLY PATHOGENIC MICROBES] Issledovanie materialov pri pichlevykh otravleniyakh, vyzvannykh usloynno patogennymi mikrobyami. Mekhicheskoe ukazaniye. Leningrad, 1964, 50 p. (DNM)
- TIMOFEEVSKII, P. P., S. V. PYZHEV, and V. M. IONAS. [Infections in medicine. Aspects in physiology, scientific, engineering and technological workers and inventors] Infektsionnye v'eshchestva v meditsine. V pismennoy v'eshchestva, nauch. i inzh. tekhn. rukovodstvo - izobrazitel'my v oblasti meditsiny. Moscow, "Meditsina," 1967, 140 p.
- TITOVA, A. I., and S. I. FLEKSER. [Diphtheria] Difteriya. Moskva, "Meditsina," 1967, 208 p. (11-ka prakt. vrachei).
- VINOGRADOVA, O. M. [What are collagenoses?] Chto takoe kollagenozy? Moskva, "Znanie," 1967, 29 p. (Novye v zhenit, nauke, tekhnike. XXIII Seriya; Meditsina, 3).
- ## 15. AGRICULTURE
- ADAMOV, I. I. [Seed potato growing] Sementskoye kharakteristika. Minsk, "Grodni," 1967, 149 p. (DNM)
- [AGRICULTURE OF BURMA] Zemel'noye Birmy. Pod red. N. B. Nal'ina. Moscow, "Kolos," 1967, 174 p. (DNM)
- [AGROCHEMICAL CHARACTERISTICS OF SOILS IN THE U.S.S.R.] Agrokhimicheskiye kharakteristika pochvy SSSR. Moskva, "Nauka," [T. 8.] Kazakhstanskaya i Chelyabinsk Province] Kazakhstanskaya i Chelyabinskaya oblasti, 1968, 311 p. [T. 9.] Region of Western Siberia] Rabony Zapadnoi Sibiri. 1968, 383 p.
- ALEKSEENKO, L. N. [Productivity of meadow plants depending on the environment] Produktivnost' lugovykh rasteniy v zavisimosti ot usloviy sredy. Leningrad, Izd. Leningr. un-ta, 1967, 168 p.
- BAZILEVICH, K. A. [Mechanization of potato cultivation in Kazakhstan] Mekhanizatsiya vozleyvaniya kartofella v Kazakhstane. Alma-Ata, "Kauhar," 1967, 110 p. (DNM)

- HAZILEVICH, N. I. [Fertile steppe soils]. *Lezistopnyye tseli*. Moscow, "Mashin," 1957. 95 p.
- HOGE, E. S. [Cutting apparatus and harvesting machines. The tractor "Lezhim" (Belarusian) apparatus for cutting and harvesting. Test data and results. Moscow, "Mashinostroitel," 1967. 167 p.
- BYKOV, M. I. [Agrohydrological state of soils in the Central Volga Valley]. *Agrohydrologicheskiy rezhim pochv*. Smolensk, Povolzh'ye. Leningrad, Gidrometeoizdat, 1961. 167 p.
- [COLLECTION OF ANNOTATIONS OF SCIENTIFIC RESEARCH WORKS OF 1966 ON THE ELABORATION OF BIOLOGICAL PRINCIPLES AND BIOTECNIQUES OF THE DEVELOPMENT OF TURGEON FARMING IN BODIES OF WATER OF THE U. S. S. R.] *Soobshcheniya na tematicheskikh i spetsialnykh rabotakh, vyshedenykh v 1966 g. po teme "Tselebnykh biologicheskikh osnov i biotekhnicheskikh usloviy razvitiya khozyaystva v vodnykh SSR"*. Astrakhan', 1967. 191 p.
- [CONTROL OF THE SALINIZATION OF IRRIGABLE SOILS] *Prilozheniya k razrabotkama i usloviyakh zemel'.* Moscow, "Kolos," 1967. 371 p. (Vsesoyuz. nauch. issled. tsentr. im. V. I. Lenina. Razvedka trudy).
- [ECONOMIC ASPECTS OF SOCIAL AGRICULTURE] *Ekonomika sotsialisticheskogo sel'skogo khozyaystva.* Vol. 1. V. A. Trufanov. Moscow, "Kolos," 1968. 542 p. (Dobro utro! Nachinaya posobie dlya vysshikh sel'skokhozyaystvennykh i tekhnicheskikh zavodov).
- [EFFECTIVE FERTILIZERS] *Effektivnye udobreniya.* Leningrad, Leningrad, 1967. 115 p.
- [EFFICIENCY PROMOTERS IN THE FIELDS] *Novyye polya.* Moscow, "Kolos, razvitiye," 1967. 194 p.
- FARZALIEV, M. M. [Infectious diseases in sheep and measures to control them]. *Golovnyy lekhnicheskoye i veterinarnoye gosudarstvennoye nauchnoye tsentr.* Baku, Azarbayjan Davlat Naxchiyati, 1967. 111 p. [in Azerbaijani] (DNI).
- GASTEY, B. G., and V. I. MEL'NIKOV. [Fundamentals of the dynamical loading rolling stock]. *Osnovy dinamiki lesovoznogo potolzhnogo sostava.* Moscow, "Lesnaya promisl'," 1967. 220 p.
- GORIN, V. T. [Intensive fattening of swine]. *Intensivnyy odkorot sviney.* Minsk, "Urozhai," 1967. 74 p. (DNI).
- [GROWING FRUIT AND BERRIES] *Vyrashchivaniye plodov i jagod.* Minsk, "Urozhai," 1966. 154 p. (Posobie dlya shkol potovogo opyta).
- [INCREASING THE WEAR RESISTANCE AND LIFE OF THE CUTTING ELEMENTS OF AGRICULTURAL MACHINES] *Povysheniye iznosostoykosti dolgovechnosti razrabotki elementov sel'skokhozyaystvennykh mashin.* Pod red. N. E. Mezina. Minsk, 1967. 182 p.
- KERIMOV, K. N., and B. M. FIAPSHEV. [Soils of the steppe zone of the Kabardino-Balkar A. S. S. R.]. *Pochvy stepnoy zony Kabardino-Balkarskoy ASSR.* Pod red. F. A. Gornitskaya. Nalchik, Kabardino-Balkarskoy kn. izd., 1956. 92 p. (MICROFILM)
- KOMAROV, I. A., and S. K. KUDERSKI. [Prospecting and fishing off the southwestern coast of Africa]. *Poisk i razvedka rybnogo i lugozapadnogo poberezh'ya Afriki.* [Leningrad] Kaliningradskoye kn. izd., 1963. 55 p. (MICROFILM)
- KORNEV, M. M. [Important problem of cotton growing]. *Pakhtachestvo i tsukchilichestvo v usloviyakh ussalsi.* Tashkent, Uzbekiston KP Markazi Komitetning Birlashtgan Nashriyoti, 1965. 43 p. (Uzbekiston SSR "Til"ning xalqaro. no. 25) [in Czech]
- KOVNEREV, I. P., and others. [Organization and technique of breeding Romanov sheep]. *Organizatsiya i tekhnika razvedki Romanovskogo ovtsenodstva.* Moscow, "Kolos," 1967. 231 p. (DNI).
- KRAVCHENKO, R. G., I. G. POPOV, and S. Z. TOL'KIN. [Economic and mathematical methods in the organization and planning of agricultural production]. *Ekonomiko-matematicheskiye metody v organizatsii i planirovani sel'skokhozyaystvennogo proizvodstva.* Moscow, "Kolos," 1967. 479 p. (Uchebnyy i uchebnoye posobie dlya vyssh. s.-kh. uch. zavedeni).
- MARKOV, A. P., and M. A. PAVLOVA. [Agriculture in France]. *Sel'skoye khozyaystvo Francii.* 1945 - 1965 gg. [Moskva, "Nauka," 1968] 272 p.
- MARKOV, D. I. [Balancing of radars and combined tests on the basis of amino acids]. *Balansirovaniye radsionov i kombinirovannyye ispytaniya na osnovе aminokislotin.* Moscow, Rossiya-Mezhdunar., 1967. 90 p.
- MASLOV, B. S. [Problems of irrigation and drainage in the U. S. S. R.]. *Voprosy oshusheniya i osusheniya v SSR.* Moscow, "Kolos," 1967. 320 p.
- MATSEVICH, V. V. [Raising beef cattle and breeding Sima Gerkuts cattle]. *Masovo skotovodstvo i razvedenie skota porody simagerts.* Moscow, "Kolos," 1968. 240 p.
- [METHODS OF BIOCHEMICAL STUDIES ON SILAGE] *Metody biokhimicheskikh issledovaniy silosa.* Pod red. A. A. Zaslavskaya. Dnepropetrovsk, 1967. 60 p.
- NITROFANOV, A. S., and K. S. NITROFANOVA. [Oats]. *Oves.* Moscow, "Kolos," 1967. 287 p.
- MOICHANOV, A. A., and V. V. SMIRNOV. [Methodology of studying the increment of woody plants]. *Metodika izucheniya prirosta drevnykh rasteniy.* Moscow, "Kolos," 1967. 95 p.
- MUMATULLIN, F. G. [Principles and methods of selecting barleys under the conditions of Pamir highlands]. *Principly i metody selektsii kachestv v usloviyakh vysokogor'nykh Pamira.* Dushanbe, "Dushanbe," 1967. 211 p.
- OVSYANNIKOV, N. G. [Water resources - our wealth]. *Vodnye resursy - nash bogatstvo.* Moscow, "Sov. Rossiya," 1968. 127 p.
- PASKAR, P. A., and others. [Experience of our Bulgarian friends for the benefit of all collective and state farms of Moldavia]. *Opyt bulgarskikh drugov - vsem kollektivam i gosudarstvennym Moldavi.* Kishinev, Izd. Tak KP Moldavi, 1967. 58 p.
- PAVLOVSKI, G. T., and S. D. PRITSYN. [Cleaning, drying and active ventilation of grain]. *Ochistka, sushka i aktivnoye ventilyatsionnoye zerna.* Moscow, "Vyssh. shkola," 1965. 222 p.
- [PESTS AND DISEASES OF FEED AND LEGUMINOUS CROPS] *Vrediteli i bolezni kormovykh i zernoburovykh kul'tur.* Tashkent, "Far," 1967. 146 p. (DNI).
- PETRENKO, A. P. [How to increase potato crops]. *Kak povysit' urozhai kartofelya.* [Leningrad] Leningrad, 1963. 97 p. (DNI).
- PETROV, I. A. [Endospermal hybridization; the injection method]. *Endospermalnaya gibrizatsiya; metoda in'ektsii.* Petrozavodsk, Karelskoye kn. izd., 1967. 223 p. (DNI).
- PLOTNIKOV, V. K. [Breeding on swine farms]. *Primeneniye razvitiya na svinovodcheskoy fermе.* Saratov, Privolzhskoye kn. izd., 1960. 30 p. (DNI).
- [PROBLEMS OF HYDRAULIC ENGINEERING AND LAND RECLAMATION. Brief summaries of papers delivered at the Anniversary Scientific and Technical Conference of Young Scientists]. *Voprosy gidrotekhniki i melioratsii (Kratkie soobshcheniya molodykh nauchnykh i tekhnicheskikh kraevykh nauchnykh uchnykh).* Novosibirsk, 1967. 150 p.
- [PROTECT THE NATURE] *Beregite prirodu!* [Moskva, "Kolga," 1967] 16 p. (Mir, trud, kommunisty. Yp. 12).
- PUSIKANTSEV, B. N. [Streamlined receiving and processing of grain]. *Prinyatiye i obrabotka zerna v potoke.* Moscow, "Kolos," 1967. 108 p.
- RAMANS, U. [Experience in controlled fattening of swine]. *Opyt kontrolynogo odkorota sviney.* Riga, "Liesna," 1968. 134 p.
- ROZENTALS, GUNARS, and UNDIS VILUMS. [Hydro-technical constructions of melioration systems]. *Melioratsijas sistemu hidrotehnikas buves.* Riga, "Liesna," 1967. 193 p. [in Latvian]
- RYBITSKII, N. A., and V. F. OREKHOV. [Grafting of fruit trees. Practical handbook]. *Prilivka plodovykh drev'ev.* Prakt. rukovodstvo. Leningrad, Leningrad, 1968. 80 p.
- SAMOILOVICH, G. G. [Field practice of working with aerial photographs in forest valuation surveys]. *Prilozheniya k metodike raboty s aerofotozverstovaniyem.* [Leningrad] Gosgizgortekhnika, 1967. 73 p.
- SHKLIAR, S. N. [Waterfall height of trout trout]. *Ushcheyeniye oshcheyeniye plavnykh drev'ev.* Pod red. V. P. Izrael'skogo. Moscow, "Kolga," 1967. 30 p. (DNI).
- SINADSKII, I. V. [Harvesting mycorrhiza of trees and shrubs in the arid zone of Central Asia and Kazakhstan]. *Vysshaya mikorritza drevosov-holostoykh rasteniy v aridnoy zony Sredney Azii i Kazakhstana.* Pod red. A. I. Vinogradova. Ashkhabad, "Ytem," 1967. 118 p.
- [TELEMECHANIZATION OF IRRIGATION SYSTEMS] *Telemekhanizatsiya irrygatsionnykh sistem.* Tashkent, "Tashkent," 1967. 123 p.
- UL'IANOV, I. K. [Experience in growing in the Bakaly State Farm]. *Opyt vyzrelyvaniya plovchik v Bakal'skom sovkhoze.* Pod red. V. B. Kiselev, I. K. Ul'ianov. Bakhshshoe kn. izd., 1965. 34 p. (DNI).
- VASHCHENKO, G. V., and V. I. PROSENKO. [Black-bellied woodpecker]. *Chernobelliyaya krasavitsa.* Pod red. M. A. Lisavenko. [Moskva, "Kolga," 1967] 95 p.
- VELIKI, O. A., and others. [Soils of Chukotka]. *Pochvy Chukotskogo Polostroya.* Agrokhimicheskoye i tekhnicheskoye anal'izy i metody ispol'zovaniya. [Tashkent] Chukotskoye gosudarstvennoye nauchnoye issledovaniye. Kiyev, "Urozhai," 1967. 140 p.
- VILCHINSKI, A. D. [Black and white cattle of white blood and ways of improving it]. *Chernobelliyaya i belobelliyaya skotina i sposoby ulepsheniya.* Minsk, "Urozhai," 1967. 138 p. (DNI).
- VILSOV, M. I. [Prevention of plant virus diseases]. *Profilaktika virusnykh bolezney rasteniy.* Leningrad, "Kolga," 1967. 61 p. (DNI).
- ZAMORYSHIN, A. V. [Sheep raising in the North]. *Odkorot sviney na Severе.* [Vologda] Severnyy Zapadnyy kn. izd., 1967. 63 p. (DNI).
- ZAVODNIKOV, I. P. [We use hydraulic works in the forest]. *Iskazhaya voda pri primeneniye v leskhu.* [Kishinev] Sov. Zop. kn. izd., 1967. 30 p.

16. TECHNOLOGY

[ACHIEVEMENTS OF SCIENCE AND TECHNOLOGY. Welding]. *Uspkhi nauki i tekhniki.* Sverdlov. 1966. Moskva, 1967. 120 p. (Seriya "Mekhanizatsiya").

AKADEMIYA NAUK USSR, Kiyev, Respublikanskaya komissiya po bur'ya i silyam. [Achievements of the 19th Session of the Ukrainian Communist Party on the 19th Session of the Ukrainian Communist Party on the 19th Session of the Ukrainian Communist Party]. 1960. 210 p.

AKSENOV, I. A. [Cybernetics in transportation systems]. *Kibernetika na transporte.* Moskva, "Znanie," 1968. 81 p. (Novoye v zhizni, nauka, tekhnika. Seriya "Primeneniye").

[ALBUM OF EQUIPMENT. Local air conditioning]. *Album oborudovaniya.* Mstoye kachestvennoye. Moskva, 1967. 108 p.

ALEKSANDROVA, O. S. [Photostereography and its application]. *Fotostereografiya i ee primeneniye.* Izd. 3-e (pererabot. i uproshech.). Kishinev, "Kartla amfotografika," 1968. 126 p.

ALEKSEEV, V. D., and G. E. SOHOKIN. [Car repair]. *Remont avtomob.* 2-e izd. Moskva, "Transport," 1968. 318 p.

[ALPHABETIC SUBJECT INDEX TO THE CLASSIFICATION SYSTEM OF INVENTIONS IN THE U. S. S. R.]. *Alfavitno-predmetnyy ukazatel' k sisteme klassifikatsii izobreteniy SSSR.* Moskva, 1967. 391 p.

[ANALYSIS OF THE OPERATING MODES OF ELECTRIC-POWER SYSTEMS USING ELECTRONIC COMPUTERS]. *Analiz rezhimov elektroenergeticheskikh sistem pri pomoshchi vychislitel'nykh mashin.* Kiev, "Naukova dumka," 1968. 182 p. (Resp. nezhov. sbornik, Problemy tekhn. elektrodinamiki).

- [ALBOHETI] Albohi. Pod red. G. A. Bezhevicha. Moskva, Stroiizdat, 1968, 234 p. (Soviet Union materials).
- ASSOVSKII, I. V. [New developments in mining and processing rock products at open pit mines in Leningrad Province to be used in construction] Novye v otkrytykh i pererabotke kornykh stroitel'nykh materialov na kam'erakh i otvornykh shakhtakh. Leningrad, Stroiizdat, 1967, 127 p.
- ASTRONAUTS IN VOLOGDA [Kosmonavty v Volode. Vologda, 1966] 23 p. (Microfilm).
- ATLAS OF STRUCTURES AND DEFECTS IN WELDED Joints [Atlas struktury i defektov svarnykh spoev. Moskva, "Metallurgiya," 1967, 112 p.
- AZARKH, A. I., and P. Z. BELKIN. [Exercises on traffic regulations. Upravleniye po pravilam dvizheniya transportnykh sredstv. Moskva, "Transport," 1968, 149 p.
- AZBEL', B. M. [Experiments in construction] Eksperimenty v stroitel'stve. Moskva, "Mash. i stroit.," 1968, 112 p.
- BAGAYEV, A. M. [Plastics and their use in the petroleum and chemical industries. Plasticheskiye massy i ikh primeneniye v neftekhimicheskoy promyshlennosti. Grazhd. Khimicheskoye kn. izd., 1967, 293 p.
- BARANOV, S. A., and L. G. GORODOVSKI. [Technology and equipment of the railway industry. Tekhnologiya i oborudovaniye zhелеznodorozhnogo predpriyatiya. Izd. 2-o, pererabot. Moskva, "Gosizdat promstroi," 1967, 495 p.
- BASKIR, I. N., and L. I. LUDMIRSKI. [Synchronization in television receivers. Sinkhronizatsiya v televizorakh. Moskva, "Svyaz," 1968, 176 p. (Iz. ka "Televiz. priem." Vyp. 40).
- BELOV, K. P., and A. G. BESSONOVA. [Fluorescent lighting of passenger cars. Luminescentnoe osveshcheniye passazhirskikh avtomob. Moskva, "Transport," 1967, 20 p. (Dopolneniye k izd. "Tekhnika v avtomobilnoy").
- BELOVINTSEV, K. A., and others. [Design and starting of a "bubbled" motor. "Konstruktsiya i zapusk" dvigatelya "bublennoy." Moskva, 1965, 4 p. (Microfilm).
- BENT HOLED PROFILES. Solenoids, methods of calculation and tables of use. (Bublennoye) metody i tabitsy. Sorbament, metody rascheta i tabitsy primeneniya. Spravochnik. I. S. Trishchinskiy, R. M. Vurmanov, I. U. V. Dzhidzhe. Moskva, "Metallurgiya," 1968, 370 p.
- BOCHAROV, V. I., M. M. ZHUKOV, and G. E. ZAVYALOV [Planning construction and erection operations] Proektirovaniye stroitel'stva i montazhnykh rabot. Moskva, "Stroiizdat," 1967, 112 p.
- BODIES OF ANTI-FRICTION BEARINGS. Korpusa podshchipnikov kacheniya. GOST 13218, 1 - GOST 13218, 11-07, Izd. offt. Moskva, [Izd. standartov], 1968, 60 p. (Gos. standarty SSSR).
- BODOLINOV, S. K. [Book of problems in mechanical drawing] Zbirnik problem mekhanicheskogo cherteniya. Moskva, "Mashinostroyeniye," 1967, 268 p.
- BOGUSLAVSKI, L. D. [Maintenance and repair of sanitary installations in residential buildings] Eksploataatsiya i remont sanitarnykh tekhnicheskikh ustroystv zhilykh zdaniy. Moskva, Stroiizdat, 1968, 263 p.
- BORODIN, L. F. [Introduction to the theory of noise reduction] Vvedeniye v teoriyu pozhegoshchitovogo koeffitsienta. Moskva, "Sov. radio," 1968, 406 p.
- BRAINES, I. A. M. [Introduction to the theory and design of chemical and petrochemical reactors] Vvedeniye v teoriyu i raschet khimicheskikh i neftekhimicheskikh reaktorov. Moskva, "Khimiya," 1968, 247 p.
- BRUK, V. A., V. V. GABRIELIN, and A. I. KURNOSOV. [Manufacture of semiconductor devices] Protzvodstvo poluprovodnikovyykh priborov. Izd. 2-o, pererabot. Izd. Moskva, "Vyssh. shkola," 1968, 288 p.
- CAST IRON REVERSING ACTION VALVES FOR Py of 10 and 16 kgs per cm². Klapan obratnoye povorotnoye chugunnyy na Py 10 i 16 kgs/cm². GOST 9885-67, GOST 13244-45-67. Moskva, [Izd. standartov], 1967, 48 p. (Gos. standarty SSSR).
- CHERTKOV, I. A. B. [Modern and prospective hydrocarbon jet and diesel fuels. Sovremennyye i perspektivnyye uglevodorodnyye i dizelelye topliva. Moskva, "Khimiya," 1969, 350 p.
- CITY CONSTRUCTION. Materiali na stroitel'stvo gorodov [Materialy na stroitel'stvo gorodov. Izd. obshchestvennoye gosudarstvennoye. Kiev, "Radnaya," 1965, 115 p. (Mekhan. resp. i stroit. shkola. 1965)].
- CLASSIFIED INDEX OF BIBLIOGRAPHIC WORKS ON TECHNOLOGY COMPILED BY THE LIBRARIES AND INFORMATION AGENCIES OF THE LATVIAN S. S. R. FOR 1968. Spisok knizhnykh i bibliograficheskikh rabot po tekhnike, sostavlenyykh bibliotekami i slozhenimi informatsionnymi SSR za 1968 god. Ilga, Latv. resp. in-t nauki, tekhn. informatsii i propagandy, 1967, 27 p.
- CLIMATE ZONING OF THE U. S. S. R. TERRITORY FOR CONSTRUCTION PURPOSES. Stroitel'no-klimaticheskoye zondirovaniye terriorii SSSR. Moskva, Tsentral'no-nauch. informatsionnyy po g. izh. i stroitel'stvo sh. offt. Larkht., 1967, 65 p. (Seriya "Zhilye znanit").
- COHERENT SOIL PACKING IN THE WINTER TIME IN THE FAR NORTH. (Construction of the Vilyuy hydroelectric Power Plant dam) Zhurnal ukladki avtazhnykh granuly na Khatem Severe. (Stroitel'stvo plotiny Vilyuyskogo GES). Moskva, "Energia," 1968, 112 p. (Iz. ka g. izh. i stroitel'stvo i g. izh. i stroitel'stvo. Vyp. 2, 1).
- CYBERNETICS AND TRANSPORTATION. Cybernetics in the planning and management of rail transportation [Kibernetika i transport. Kibernetika v proektirovani i upravlenii zhелеznodorozhnym transportom. Moskva, "Nauka," 1968, 295 p.
- DANUBE COMMISSION 1949. [Proceedings of the Danube Commission] Protokoly Danabskoy Komissii. Budapest. [In Russian and French] T. 25. [25th Session, June 1-12, 1967, Budapest. (Proceedings nos. 133-135). Dopolniye k izd. "Svyaz", 1-12 iyunya 1967 goda, g. Budapest. (Protokoly No. 133-135) 1967, 396 p.
- DEBILKIN, V. G., and V. P. STAVROV. [Technology of molding and strength of glass-plastic wares] Tekhnologiya pressovaniya i izgotovleniya izdeliy iz stekloplastikov. Moskva, "Khimiya," 1968, 135 p.
- DEMIRIOVA, T. V., and I. K. DALACH. [Search for vibrations in furnaces of nonferrous metallurgy] Slozhenyye razresheniye v pechakh zhelyznykh metallurg. Alma-Ata, "Kauka," 1968, 79 p.
- DEKHOV, S. P., and D. A. STOIANOVA. [Nondestructive scheme of control of a tube with secondary emission for controlling spark chambers] Nonspektrovalnaya skema kontrolya na kumpe so vtorichnym emitirovaniyem pri upravlenii tekuchimi kamerami. Moskva, 1968, 2 p. (Microfilm).
- (DIAMOND CUTTERS) Razrybnyye atomaznyye. GOST 13280-67-GOST 13287-67. Izd. offt. Moskva, [Izd. standartov], 1967, 44 p. (Gos. standarty SSSR).
- (DIGITAL CONTROL IN AUTOMATIC SYSTEMS) Tsifrovoye upravleniye v sistemakh avtomatizatsii. Leningrad, "Nauka," 1969, 234 p.
- DOLGOV, P. P. [Mathematical models in the analysis of the economic aspects of power engineering] Matematicheskiye modeli ekonomicheskogo analiza. Leningrad, "Nauka," 1968, 95 p.
- DOLGOV, V. A., and A. Y. KELIN. [Electronic transducers for automatic control systems] Elektronnyye izmeryateli dlya avtomaticheskikh sistem kontrolya. Moskva, "Sov. radio," 1968, 67 p. (Elementy radioelektronnoy apparatury. 10).
- DRANKIN, G. M. [Certain cases of failure of column footings of industrial buildings] Nekotoryye slozhnyye zhetzobolomnyye funktsionnyye kolony i primeneniye zhilykh zdaniy. Leningrad, 1967, 13 p. (Biblioteka proektirovshchika-stroitel'a).
- DUBOVSKI, A. K., L. I. KOCHETOVA, and E. N. SYROMIATNIKOV. [Circuit design using ELM non-contact magnetic logical elements] Proektirovaniye skhem na beskontaktnykh magnitnykh logicheskikh elementakh ELM. Moskva, "Energia," 1968, 161 p. (Iz. ka po avtomatizatsii. Vyp. 288).
- (ELECTRICIAN'S HANDBOOK) Spravochnik elektronnymontora. Pod obsht. red. A. D. Smirnova i dr. Moskva, "Energia," 1968, 265 p.
- ELASHKEVICH, S. A. [Automatic regulation in telestation receiver s] Avtomaticheskoye upravleniye v telestoyakh. Moskva, "Energia," 1968, 191 p.
- ELIN, A. A. [Electronics in motor vehicles] Elektronika v avtomobilyakh. Moskva, "Znanie," 1968, 48 p. (Nauka v zhizni, nauka, tekhnika. Seriya "Transport." 4).
- (ELECTION OF STRUCTURAL ELEMENTS) Izbraniye stroitel'nykh konstruktiv. Moskva, Stroiizdat, 1968, 352 p.
- (FERROALLOYS. Ferromagnets. Methods of analysis) Ferrosplavy. Ferromagnety. Metody analiza. GOST 13217, 6-67-GOST 13217, 11-67, Izd. offt. Moskva, [Izd. standartov], 1967, 59 p. (Gos. standarty SSSR).
- (FERROMANGANESE. Methods of analysis) Ferromanganes. Metody analiza. GOST 13091, 0-67-13391, 8-67, Izd. offt. Moskva, [Izd. standartov], 1967, 36 p. (Gos. standarty SSSR).
- FINKEL, A. F. [Rigging operations in erecting equipment, structural elements, and piping of industrial enterprises. Practical manual on the improvement of skills] Takelazhnyye raboty pri montazhe oborudovaniya, konstruktivnykh i truboprovodnykh promyshlennykh predpriyatiy. Prati, posobie po poryadku ustanovki i montazha. Moskva, Stroiizdat, 1967, 319 p. (Seriya posobie po poryadku ustoyevstva raznykh stroitel'nykh).
- FINKEL, V. A. [High-temperature X-ray diffraction pattern of metals] Vysokotemperaturnaya diffraktsionnaya melion. Moskva, "Metallurgiya," 1968, 204 p.
- FINKELSTEIN, I. I., Z. M. OHLIOVA, and V. V. TALEPO-ROVSKAYA. [Equipment and technology for synthetic staple fiber spinning] Oorobovaniye i tekhnologiya prikladnaya khimicheskikh shpagel'nykh volokna. Moskva, "Lektsiya khimicheskaya," 1968, 504 p.
- (FIRST YEARS OF CONSTRUCTION WORK IN THE U. S. S. R.) Pervyye gody stroitel'stva v SSSR. Moskva, Stroiizdat, 1968, 328 p.
- (FISH AND FISH PRODUCTS. Auxiliary materials) Ryba i rybnoprodukty. Voprosy, izdeliya, Izd. offt. Moskva, [Izd. standartov], 1967, 369 p. (Gos. standarty SSSR).
- (FOIKINGS) Pokuvt. Izd. offt. Moskva, [Izd. standartov], 1967, 111 p. (Gos. standarty SSSR).
- FRIEDMAN, P. N., and A. M. BERISLAVSKI. [Improving the quality of large-panel house construction] Ushchesheniye kachestva kraynopol'nogo domostroyeniya. (Kulyshev) Kulyshevskoy kn. izd., 1967, 115 p. (Microfilm).
- (FUNDAMENTALS OF AUTOMATIC CONTROL) Osnovy avtomaticheskogo upravleniya. Pod red. V. S. Pugacheva. Izd. 2-o, ispr. i dop. Moskva, "Nauka," 1968, 676 p.
- GAIDAROV, I. U. V. [Metal structures. (Textbook)] Metallicheskiye konstruktiv. (Ucheb. posobie). Moskva, 1967, 176 p.
- GAVRILOV, V. V., and others. [Feeding of physical experiment data into the M-26 machine from a narrow magnetic tape] Vvedeniye danykh fizicheskogo eksperimenta v mashinu M-26 s uzkoym magnitnoy lentoy. Moskva, 1968, 5 p. (Microfilm).
- GEKKER, I. R. [Electrical microwave probe with balancing counterweight] Elektricheskiy SVCh zond s sluzhebnym protivovesom. Moskva, 1968, 6 p. (Microfilm).
- GENDIN, G. S. [High-quality low-frequency amplifiers for amateur use] Vysokokachestvennyye nislitel'skie ustroystva nizkoy chistoty. Izd. 2-o, pererabot. i dop. Moskva, "Energia," 1968, 112 p. (Massovaya radio-biblioteka. Vyp. 663).
- (GIFTS OF THE SEA) Dary morya. [By] Lev Zenkovich i dr. Moskva, "Ekonomika," 1968, 216 p.
- GOLDMAN, V. S., and I. I. SAKHAROV. [Inductive frequency converters of nonreciprocal quantities] Induktivno-chastotnyye prevrashchayemye nerekiprochnyykh velichin. Moskva, "Energia," 1968, 96 p. (Iz. ka po avtomatizatsii. Vyp. 266).
- GOLITSIN, V. K. [Hydrological explanations of electric-power transmission line routes] Gidrologicheskiye izyasheniya tras linei elektropredach. Moskva, "Energia," 1968, 119 p.

- [illegible]

- [LIBRARY OF STANDARD SUBPROGRAMS FOR THE "MINSK-22" ELECTRONIC DIGITAL COMPUTER] Biblioteka standardnykh podprogramov dlya EVM "Minsk-22." [Leningrad, Izdat. dom nauch.-tekhn. propagandy, B-ekha programirovaniya. Vyp. 1. [Interpretative system and auxiliary programs] Informatsionnaya sistema i spetsialnyye podprogramy. 1967. 28 p.]
- LINDENAU, N. I., and A. A. SURNACHEV. [Manual for miners at shield-protected work faces. Possible and probable shield-type work. 2nd, 2-c, impr. 1 dop. Moskva, "Nedra," 1967. 172 p.]
- LIVSHITS, N. S., and D. E. TELESHEVSKI. [Radio engineering measurements]. Radioinzhenernye izmereniya. Moskva, "Vyssh. shkola," 1968. 203 p.]
- LOMAROVICH, V. A., and I. V. STRIZHEVSKI. [Sutton devices]. Kuchimaniye putiny. Moskva, "Energiya," 1968. 31 p. (Mashinostroyeniye, Vyp. 685).
- LUKAEV, I. P., G. M. EFROS, and I. B. GLIK. [Formed slag]. Sblakovaya pechka. Moskva, Stroiizdat, 1968. 224 p.]
- [MACHINE-TOOL ATTACHMENTS. Parts and units]. Prisoobsheniya stannokov. Chast' 1 i 2. Izd. 1111s. Moskva, [Izd. standartov] (Gos. standarty SSSR). Ch. 3. GOST 12937-67 - GOST 12961-67, GOST 1553-67 - GOST 1557-67, GOST 1551-67, GOST 1660-67, 1967. 120 p. Ch. 4. GOST 13152-67 - GOST 13165-67, 1967. 121 p.]
- MADORSKI, S. I., and A. M. SHAPIRO. [Electric equipment of hydraulic structures for investigation and improvement]. Elektricheskoye oborudovaniye gidroelektricheskikh stroitel'stva. Moskva, "Transport," 1967. 216 p.]
- [MAKE NEW DEVELOPMENTS AVAILABLE TO CONSTRUCTION SITES. New - na stroitel'stvo]. Kalininskoye kn. izd., 1963. 69 p. [MICROFILM]
- MAKUROCHIKIN, V. G. [Magnetic recording in computer engineering]. Magnitnaya zapis' v vychislitel'noy tekhnike. Moskva, "Sov. radio," 1968. 170 p.]
- NALININ, R. M. [Translator circuits handbook]. Spravochnik po tranzistornym skhemam. Moskva, "Energiya," 1968. 184 p. (Mashinostroyeniye, Vyp. 664).
- NALININ, V. I. [Manual research in construction]. Ekonomicheskiye puti v stroitel'stve. Moskva, Stroiizdat, 1967. 92 p.]
- MANIKONOV, A. G. [Principles of remote control in the petroleum and gas industries]. Osnovy telemekhanizatsii neftegazovoy promyshlennosti. Moskva, "Nedra," 1967. 280 p.]
- [MANUAL ON SPECIALIZED OPERATIONS FOR ELECTRICIANS]. Spravochnik po spetsial'nykh rabotam dlya proizvodstva elektromontaznykh rabot. (Izd. 2-o, pererabot. 1 dop.) Moskva, Stroiizdat, 1968. 470 p.]
- MARKOV, M. N. [Infrared radiation rotors]. Priemniki infrakrasnogo izlucheniya. Moskva, "Nauka," 1968. 161 p.]
- MASLOV, E. N. [Study of materials]. Materialovedeniye. Moskva, 1967. 152 p.]
- NEDERSKI, L. A. [Warsaw]. Varsava. Leningrad, Stroiizdat, 1967. 72 p. (Arkhitektura i stroitel'svo gorodov i selsk.).
- NERKLING, M. I., and S. G. SAVINOV. [Installing wood and parquet floors. Practical textbook for improving skills]. Ustroiya i uchastkiykh i parketnykh polov. Prakt. posobie po povysheniyu masterstva. Izd. 3-e, impr. 1 dop. Moskva, Stroiizdat, 1967. 169 p. (Seriya posobi po povysheniyu masterstva rabochikh stroitel'ov).
- [METALWORKERS ARE FIGHTERS FOR COMMUNISM]. Metallurg - boitsy za kommunizm. Sbornik statei. [Dnepropetrovsk]. Dnepropetrovskoe kn. izd., 1963. 106 p. [MICROFILM]
- [METHODS OF DETERMINING AND INVESTIGATING THE STATE OF GASES IN METALS]. Metody opredeleniya i issledovaniya sostoyaniya gazov v metallakh. Moskva, "Nauka," 1968. 287 p.]
- MEZHENIN, N. A. [Metallurgy made interesting]. Zanimatel'naya metallurgiya. Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967. 132 p.]
- [MICROMINIATURIZATION OF RADIOELECTRONIC EQUIPMENT AND SPECIAL FEATURES OF ITS MANUFACTURE. A handbook]. Mikrominiaturizatsiya radioelektronnoy apparatury i osobennosti tekhnologii ee izgotovleniya. Uchebnoye posobie. Chelabinsk, 1967. 25 p.]
- MIKIRICHIAN, G. M. [Transistorized receivers with shortwave bands]. Transistorizovannyye priemniki s KV dlyapazonami. Moskva, "Energiya," 1967. 45 p. (Mashinostroyeniye, Vyp. 658).
- MINAEV, B. N., I. V. STEPIN, and I. V. SITRANISH. [Use of universal computers in nuclear spectrometry. Review]. Primenenie universal'nykh vychislitel'nykh mashin v yadernom spektrometrii. Obozr. Moskva, 1966. 45 p. [MICROFILM]
- [MINING ENGINEERING AND METALLURGY]. Tekhnika gornogo dela i metallurgii. Moskva, "Nauka," 1968. 408 p. (Obshch. razvitiye tekhniki v SSSR).
- [MODERN METHODS FOR DESIGNING AUTOMATIC CONTROL SYSTEMS. Analysis and synthesis]. Sovremennyye metody projektirovaniya sistem avtomaticheskogo upravleniya. Analiz i sintez. Pol'noobshch. ret. I. K. Petrova i dr. Moskva, "Mashinostroyeniye," 1967. 703 p.]
- MOROV, E. M., V. E. PISAREV, and M. S. SOLOV'EV. [Study of current density distribution along the cross section of an electric beam]. Issledovaniye raspredeleniya potokov toka po sечeniyu elektronnogo puchka. Moskva, 1968. 21 p. [MICROFILM]
- [MOTORBUSES. Bibliographical index. Compiled on basis of materials for 1965-1966]. Avtobusy. Bibliograf. ukazatel'. Sost. po materialam za 1965-1966 g. Moskva, [INIAVoznosheniya], 1967. 174 p.]
- MUSLIN, E. S. [Metal changes shape]. Metall menyaet formu. Moskva, "Mashinostroyeniye," 1968. 304 p.]
- NESTAFIN, I. S., and A. G. KOVALOVA. [Metal analysis]. Analiz metallov. [Sbornik]. Izd. Sverdlovskogo univ. Vyp. 1. [Determining chemical components of ferrous metals]. Opredeleniye khimicheskikh komponentov chernykh metallov. 1967. 40 p. [Izda. studentov za uchastkiye v konkurse].
- NACHINO-PRAKTICHESKAYA KONFERENTSIYA PO ISPOLOZOVANIYU IONIZIRUYUSHCHIKH IZLUCHENIY V NARODNOM KHOZIAISTVE. Buzhary, 1967. [Materials of the Scientific and Practical Conference on the Use of Ionizing Radiations in the National Economy]. Materialy. Tulu, Print. kn. izd., 1967. 321 p.]
- NAUCHNOE SOVESHCHANIYE PO TEPLOVYM NAPRAZHENIYAM V ELEMENTAKH KONSTRUKTSII. Tulu. [Thermal stresses in construction elements. Reports]. Teplorye naprazheniya v elementakh konstruktsii. Doklady. Kiev, "Naukova dumka," 1967. 207 p.]
- NECHAEV, V. V. [Electric machinery]. Elektricheskiye mashiny. Moskva, "Vyssh. shkola," 1967. 219 p.]
- NECHIPORENKO, V. I. [Structural analysis and methods for the construction of reliable systems]. Strukturnyye analiz i metody postroyeniya nadzhnykh sistem. Moskva, "Sov. radio," 1968. 255 p.]
- NEKRASOVA, L. I., and O. K. NIKOLAEVA. [Purification of sewage waters in enterprises of the dairy industry]. Ochshtsya smeknykh vod predpriyatiy moloknoy promyshlennosti. Moskva, 1967. 28 p. [MICROFILM]
- NIKOLAEV, N. S. [Designing transistor amplifiers for measuring equipment]. Projektirovaniye tranzistornykh usil'nykh i izmeritel'nykh ustroystv. Izd. 2-o, dop. Leningrad, "Energiya," 1968. 352 p.]
- NIJENBERG, V. A. [Systems of wire broadcasting and elements of station equipment]. Sistemy provodnogo veshaniya i elementy stantsionnogo oborudovaniya. Leksia. Moskva, 1961. 34 p. [MICROFILM]
- [NORMS FOR ARTIFICIAL LIGHTING OF SHIPBUILDING ENTERPRISES AND ENTERPRISES MANUFACTURING MACHINERY AND PRECISION INSTRUMENTS]. Normy iskusstvennogo osveshcheniya dlya predpriyatiy mashinostroyeniya, tochnogo priborostroyeniya i sudostroyeniya. Uv. 22/VI 1968 g. s izm. ot 29 avg. 1965 g. Izd. 2-e, impr. 1 dop. Moskva, "Mashinostroyeniye," 1967. 71 p.]
- [NORMS FOR TECHNOLOGICAL PLANNING OF BUILDINGS AND STRUCTURES FOR STORING POTATOES AND VEGETABLES]. Normy tekhnologicheskogo projektirovaniya zdaniy i sooruzheniy dlya khraneniya kartofelya i ovoshchei. NTPIKH 6-65. Moskva, Stroiizdat, 1967. 31 p.]
- NOVIKOV, E. M. [Economic aspects, organization and planning of production]. Ekonomika, organizatsiya i planirovaniye proizvodstva. Moskva, Stroiizdat, 1967. 381 p.]
- ODIAZOV, OIAZURDY. [Kara Kuni - Moscow]. Kara-kuniy - Moskva. Ashkhabad, "Tutkuniy," 1967. 50 p. [MICROFILM]
- [ON GRAIND AGAINST FIRE. Heroism of Soviet Firemen]. Na srazhenii s ognem. Geroicheskoye budni sovetskikh pozharnykh. (Sbornik statei). Moskva, Stroiizdat, 1967. 80 p.]
- ONISHCHENKO, N. P. [Operation of industrial and building boiler installations]. Eksploataatsiya promyshlennykh i stroitel'nykh koteln'nykh ustanoek. Moskva, Stroiizdat, 1967. 311 p.]
- [OPERATION AND REPAIR OF TROLLEYBUSES]. Eksploataatsiya i remont trolleybusov. Pol'noobshch. ret. V. A. Popova. 2-e izd., pererabot. 1 dop. Leningrad, Stroiizdat, 1968. 398 p.]
- OZHIGIN, A. I. [Manufacturing barrels of wood fiber mass]. Proizvodstvo bechek iz drevesnovochnoksnol massy. Moskva, 1968. 14 p. (Izdatiya i issledovaniya). [MICROFILM]
- PAVLOV, I. I. [Oxidation and protection of beryllium]. Oksidatsiya i zaschita berilliya. Moskva, "Metallurgiya," 1968. 121 p.]
- [PASSENGER'S GUIDE]. Spravochnik passazhira. Moskva, "Transport," 1968. 412 p.]
- PEKELIS, G. D., U. T. CEL'BERG, and W. R. GORDIN. [Centralization and specialization in the repair of equipment in a production combine. (From the practice of LOMO)]. Tsentralizatsiya i spetsializatsiya remonta oborudovaniya v proizvodstvennom ob'edinenii, (iz upyita LOMO). Leningrad, 1967. 32 p. (Leningr. dom nauch.-tekhn. propagandy, Seriya "Mekhanizatsiya i avtomatizatsiya proizvodstva").
- PENEL'ETER, N. M. [Electrification of narrow-gauge logging roads]. Elektrifikatsiya lesovoznykh uskovykh dorog. Moskva, 1967. 14 p. (Lesokhkhimizatsiya). [MICROFILM]
- PETROV, A. P. [Surface gluing of paper and cardboard]. Povetkhnayushaya prikladka bumagi i kartona. Moskva, "Legkaya promisl." 1968. 81 p.]
- [PHYSICO-CHEMICAL PRINCIPLES OF STEEL PRODUCTION]. Fiziko-khimicheskiye osnovy proizvodstva stali. Moskva, "Nauka," 1968. 405 p.]
- PILICHINA, V. G. [Work organization and wages in electric installation work]. Organizatsiya raboty i zarabotnaya plata na elektromontaznykh rabotakh. Moskva, Stroiizdat, 1968. 88 p. (B-ekha elektromontaznitskh.).
- PORO, L. S., and V. P. KONONKO. [Use of gas in the glass manufacture of the U.S.S.R. and abroad. (Abstract)] Ispol'zovaniye gaza v stekol'noy promyshlennosti SSSR i za rubezhom. (Itelativnyy obzor). Kiev, "Naukova dumka," 1967. 20 p.]
- PIROZHIKOV, F. V., and A. V. RETIN. [Installations of centralized stations of central control service]. Ustroiya tsentral'nykh postov tsentralizatsionnoy tsentralizatsii. Moskva, "Transport," 1967. 182 p.]
- PITLUK, D. A. and G. P. IAKOVLEVSKI. [Modeling structural elements]. Modellirovaniye stroitel'nykh konstruktsii. Leningrad, 1967. 12 p. (Leningr. dom nauch.-tekhn. propagandy, B-ekha projektirovshchikh stroitel'ov).
- [PLANNING THE ORGANIZATION OF THE CONSTRUCTION OF A RESIDENTIAL PROJECT]. Projektirovaniye organizatsii stroitel'stva zhilovogo massiva. Moskva, "Stroiizdat," 1967. 164 p.]
- PLANOVSKI, A. N., V. M. RANM, and S. Z. KAGAN. [Processes and equipment of chemical engineering]. Priessy i apparaty khimicheskoy tekhnologii. Izd. 5-e, stereotip. Moskva, "Khimiya," 1968. 847 p.]
- PIEVAKO, E. A., and G. A. GOROVITS. [New aeration methods for the medium of yeast-growing apparatus]. Novyye metody aoratsii sredy v drozhdzhasil'nykh apparatakh. Moskva, 1968. 24 p. [MICROFILM]

- [illegible]

- SULTANOV, S. A., and N. N. SVIKHUSHEIN. [Using the methods of field geophysics for the study of oil-producing capacity of formations. Ispol'zovanie metodov pol'nykh geofizicheskikh issledovaniy dlya izucheniya nefteproduktivnosti. Pod red. V. K. Dikhanova. Moskva, "Nedra," 1967. 115 p.]
- [SYNCHRONOUS DRIVES]. Sinskronnyye prirody. Pod red. M. G. Chikina. Moskva, "Energiya," 1967. 80 p. (B-k po avtomatike. Vyp. 219. Elektricheskiye s poluprovodnikovymi upravleniyami.)
- TANAEV, I. I. [Mechanization of computing operations in a building trust]. Mekhanizatsiya vychislitel'nykh rabot v stroitel'nom treste. Leningrad, 1967. 24 p. (Leningrad, dom nauch. i tekhn. prepriyatiy. Seriya "Stroik, proizvodstvo").
- TAUBER, S. R. [Building, surveying methods]. Soorazhenie i izmereniye na teritorii. Moskva, "Nedra," 1967. 259 p.]
- [TECHNICAL SPECIFICATIONS FOR OVERHAUL REPAIR OF THE GAZ-53A 1 U MOTOR VEHICLE MANUFACTURED BY THE MINATOOSHIOHON OF THE U. S. S. R., 200-67]. Tekhnicheskiye spetsifikatsii na kapital'nyy i remontnyy obrabotki GAZ-53A 1 U Minatooshiohona RSFSR 200-67. Izv. 22/III 1967 g. Moskva, "Transport," 1967. 456 p.]
- [TECHNOLOGICAL PROGRESS IN THE HYDRO MATERIALS INDUSTRY IN MOSCOW]. Tekhnicheskii progress v promyshlennosti stroitel'nykh materialov Moskvy. Moskva, Arizdat, 1967. 364 p.]
- TETERICH, N. M. [Noise phenomena and measurement of noise characteristica]. Generatsiya i izmereniye shumovyykh kharakteristik. Izd. 2-e, pereizdat. 1 shp. Moskva, "Energiya," 1968. 215 p. (B-k po radiofizike, Vyp. 12.)
- [THEORETICAL PRINCIPLES OF HIGH FORGING AND HOT FLOWING DIE FORGING]. Teoreticheskiye osnovy koval'noy i potokovnoy obrabotki shlagunov. Moskva, "Mashinostroyeniye," 1968. 407 p.]
- [THIN FILM CENTERS AND SEAMCENTERS]. Tseny i polozheniya tsentrov. GOST 2575-67, GOST 2570-67, IOST 13214-67, GOST 13215-67. Izd. otkl. Moskva, [Izd. standartov], 1968. 24 p. (Izv. standartov SSSR.)
- TIKHOMIROVA, A. V., P. I. TIKHOMIROV, and I. P. IARVYKH. [Fundamentals of electrical engineering, electronics, and radio engineering]. Osnovy elektrotekhniki, elektroniki i radiofiziki. Izd. 2-e, pereizdat. 1 shp. Leningrad, "Nedra," 1967. 471 p.]
- [TIN CONCENTRATES. Methods of chemical analysis]. Koncentraty svintsa. Metody khim. analiza. GOST 13189-67—GOST 13183-67. Izd. otkl. Moskva, [Izd. standartov], 1967. 89 p. (Izv. standartov SSSR.)
- TOKAIEV, I. I. [Hydrolysis in the processing of plant raw material]. Tekhnologiya gidroliza rastitel'nogo syr'ya. Moskva, "Izdatel'stvo prirody," 1968. 64 p.]
- TOISTOI, M. G. [Memory and memory building in cement construction]. Kamenye i pechnye raboty v zhel'zobetonnoy stroitel'stve. Izd. 2-o, izm. i dop. Moskva, "Vyssh. shkola," 1968. 328 p.]
- TOMIN, V. E. [Fire prevention when using heat generators in construction work]. Povedeniye bezopasnost' pri primeneniye teplovyykh generatortov v stroitel'stve. Moskva, Stroizdat, 1968. 62 p.]
- [TOOTHED AND WORM GEARS. Some problems in geometry, kinematics, design, and production]. Zubchatyye i chervychnyye peredachi. Nekotoryye voprosy geometrii, kinematiki, rascheta i proizvodstva. Pod red. N. I. Koleshina. Leningrad, "Mashinostroyeniye," 1968. 362 p.]
- TSEBARSKI, B. I. [Devices for making coiled springs]. Pripostobleniya dlya izgotovleniya vitykh pruzhin. Moskva, "Mashinostroyeniye," 1968. 96 p.]
- TSYMBALUK, V. S., I. G. KHUKOV, and E. I. GIBOV. [Mineralization of receiving and amplifying equipment]. Mineralizatsiya priemnykh i usilitel'nykh apparatov. Pod red. N. A. Barkanova. Moskva, "Sviaz," 1968. 208 p.]
- UKHIN, P. N., and E. O. FEDOSEEVA. [Electron tubes and semiconductor devices]. Elektronnyye i poluprovodnikovyye pribory. Moskva, "Iskusstvo," 1968. 102 p.]
- [USE OF COMPUTERS IN POWER ENGINEERING]. Primenenie vychislitel'nykh mashin v energitike. Pod red. V. A. Ventkova. Moskva, "Energiya," 1968. 343 p.]
- UTEYSO, E. V., and Z. V. ITELISO. [Basis for the automation of industrial grinding in ball mills]. Osnovy avtomatizatsii izmelchivaniya materialov vshugolnykh molenitsakh. Moskva, "Khimya," 1968. 155 p.]
- USTINOV, I. P., N. M. HUDNIKOV, and S. V. LEVINA. [Practice of the industrial production of small glass tubes]. Opyt promyshlennogo proizvodstva steklyannyykh trubotsvetov i malozhigatnykh PVM. Leningrad, 1967. 16 p. (Leningrad, dom nauch. i tekhn. prepriyatiy. Seriya "Stroik, materialy i konstrukt").
- VARINOV, A. A. [Development of crane building for the construction industry in the U. S. S. R.]. Razvitiye stroitel'nogo kranostroyeniya v SSSR. Moskva, 1967. 135 p. (IK 50-letnyu Sovetskuyu vlast').
- [VARNISHES, PAINTS AND AUXILIARY MATERIALS]. Lak, kraski i raznopolozhnyye materialy. Izd. otkl. Moskva, Izd. standartov, [Izd. standartov SSSR]. Izd. 2. 1967. 395 p.]
- VINNIK, I. I. [Roasting and conveying equipment. Gravitational transport and storage]. Moskva, "Mashinostroyeniye," 1967. 155 p.]
- VLASOV, G. A., S. D. AKSEI'YEV, and I. I. ISAKOV. [Automatic control and instrumentation in marine power plants]. Avtomaticheskoye i izmeritel'noye upravleniye silovymi ustanovkami. Moskva, "Transport," 1967. 185 p.]
- VOEVODINA, V. N., and H. B. DUBININA. [Diesel engine control]. Otkl. k "Dizel'm." 12-o pereizdat. 1 shp. Izd. Moskva, "Mashinostroyeniye," 1967. 230 p.]
- VOEVODSKI, V. A. [Mechanical equipment for the production of asbestos-cement products]. Mekhanicheskoye oborudovaniye dlya proizvodstva asbestotsmentnykh izdeliy. Moskva, "Mashinostroyeniye," 1967. 102 p.]
- VOLEVICH, G. K. [Children's clothing]. Detskaya odezhda. Moskva, "Tekhnicheskaya literatura," 1968. 233 p.]
- VOIKOV, D. P., and A. I. KRANEV. [Planetary, wave, and combined transmissions of building and road machinery]. Planetaryye, volnovyye i kombinirovannyye peredachi stroitel'nykh i dorozhnykh mashin. Moskva, "Mashinostroyeniye," 1968. 271 p.]
- VOLZHE, G. N., S. E. HOVKAKH, and V. G. VERENIKOV. [Renovation of worn out building machinery parts]. Vostanovleniye iznoshennykh detalей stroitel'nykh mashin. Moskva, Stroizdat, 1968. 239 p.]
- VOROBIEV, V. A. [Building materials]. Stroitel'nye materialy. Izd. 4-o, pereizdat. Moskva, "Vyssh. shkola," 1967. 464 p.]
- VOROBYOVSKI, V. R., and V. P. FADDEEV. [Organizing information systems in the petroleum production industry]. Organizatsiya informatsionnykh sistem v neftekhimicheskoy promyshlennosti. Moskva, "Nedra," 1967. 171 p.]
- VSESOIUZNAYA KONFERENTSIYA PO TEORII I PRAKTIKE RAZLIYNYKH STAL. 2d. Kiy, 1965. [Physicochemical and thermophysical processes of the crystallization of steel ingots. Transactions of the 2d Conference on the topic. (Kiev, October 11-15, 1965). Fiziko-khimicheskiye i termodinamicheskiye protsessy kristallizatsii stal'nykh slitkov. Trudy II konferentsii po slitku. Kyiv, 11-15 okt. 1965 g. Moskva, "Metallurgiya," 1967. 508 p.]
- [WHAT SHOULD A DIESEL LOCOMOTIVE ENGINEER READ? Chto chitat' mashinist teplovoca. Moskva, 1967. 13 p. (Seriya bibliograficheskikh pamiatok dlya rabotnikov razlichnykh professii zheleznodorozhnogo transporta).]
- [WHAT SHOULD AN ELECTRIC LOCOMOTIVE ENGINEER READ? Chto chitat' oshibniki elektrorosa. Moskva, 1967. 14 p. (Seriya bibliograficheskikh pamiatok dlya rabotnikov razlichnykh professii zheleznodorozhnogo transporta).]
- ZAGALSKI, L. N., and M. E. ZIL'BERLAT. [Frequency analysis of automated electric drive systems]. Chastotnyy analiz sistem avtomatizirovannykh elektrorivoda. Moskva, "Energiya," 1968. 111 p. (B-k po avtomatike. Vyp. 284.)
- ZAROKHOVICH, A. E., and S. K. KRYLOV. [Principles of electronics for locomotive crews]. Osnovy elektroniki dlya lokomotivnykh brigad. Moskva, "Transport," 1968. 100 p.]
- ZASHCHUK, I. V. [Electronics and acoustical methods for testing building materials]. Elektronnaya i akusticheskaya metody issledovaniya stroitel'nykh materialov. Moskva, "Vyssh. shkola," 1968. 247 p.]
- ZAVGORODNI, V. K., and N. A. MIKHENINA. [Plastics and the automation of plastic works. 1966]. Plastyk i avtomatizatsiya izdeliy iz plastika. 1966. Moskva, 1967. 144 p. (Izdatel'stvo Tekhnika. Seriya "Mashinostroyeniye").
- ZHOVINSKI, V. N. [Noise generation for the study of automatic systems]. Generatsiya shumov dlya issledovaniya avtomaticheskikh sistem. Moskva, "Energiya," 1968. 126 p. (B-k po avtomatike. Vyp. 280.)
- ZUL'FEGAROVA, A. SH. [English-Azerbaijani-Russian dictionary in chemistry and petroleum refining]. Angliyo-azerbaydzhansko-russkiy slovar' po khimii i neftepererabotke. Baku, Izd. Akad. nauk Azerbaydzhanskoi SSR, 1968. 571 p.]

17. MILITARY & NAVAL SCIENCES

- [AN AID TO THE POTENTIAL DRAFTED]. V potentsial'noy voyskuzhizni. (Izd. 2-o, dop.) Moskva, Voenizdat, 1967. 480 p.]
- [ESSAYS ON THE HISTORY OF SOVIET MILITARY MEDICINE]. Ocherki istorii sovetskoy voynnoy meditsiny. Pod red. D. D. Krasnoshchepa i A. S. Georgiyevskogo. Leningrad, "Meditsina," 1968. 528 p.]
- [FALL IN! En'fants' pri'fants! Moskva] "Mol. gvardiya," 1967. 265 p. 150 gerolicheskikh izob.]
- [FROM MOSK TO KIEV. A report from the "Dnieper" military training exercises]. Ot Moskvy do Kiyeva. Reportazh s voynnykh "Dnieper." Red. V. Grekov. Izd. 2-o. A. Osk. [Moskva, "Dobrye," 1966]. 270 p.]
- GOGIN, A. V., F. D. KUPRIYANOV, and E. F. KIVALKIN. [Marine diesel engines. (At large-scale, principles of theory and operation). Sudovyye dizeli. (V bol'shoy skale teoriya i ekspluatatsiya). Moskva, "Transport," 1967. 507 p.]
- GHIGOR'EV, V. V., and V. M. GRIGOR'YEV. [Ship rigging operations. Atlas]. Sudovyye takelazhnyye raboty. Atlas. Izd. 3-o, izm. i dop. Moskva, "Transport," 1967. 207 p.]
- [HANDBOOK ON TRANSPORT SHIPS PRODUCED IN SERIES]. Spravochnik po seriyam transportnykh sudov. Moskva, "Transport," 1967. 100 p.]
- T. S. [Passenger and cargo-passenger ships. Troyspassazhirskaya, kargo i kargo-passazhirskaya. Tank vessels, tugboats and tug motorboats]. Passazhirskie i kargo-passazhirskie sudna, tankovyye i tugovyye sudna. Moskva, "Transport," 1967. 183 p.]
- KURIAEV, T. A., and M. IA. CHERNENOK. [Manual for operators of motorboats and launches]. Posobie vnutrennykh vodnykh kholodil'nikov. Izd. 3-o, pereizdat. 1 shp. Moskva, "Transport," 1967. 180 p.]
- IYSENKO, V. K., and B. I. LUDCHIKIN. [Marine steam boilers and their operation]. Sudovyye parovyye kotly i ikh ekspluatatsiya. Izd. 2-o, pereizdat. Moskva, "Transport," 1967. 384 p.]
- NIKITIN, G. A. [A young man becomes a soldier]. Umeniya sluzhivatsya rodnemu. Moskva, Izd. DOSAAF, 1967. 127 p.]
- PUGACHEV, A. S. [Drafting for shipbuilders]. Chertcheniye dlya sudostroyitel'nykh. Leningrad, "Sudostroyeniye," 1967. 187 p.]
- SKOROKHOV, H. V., and P. M. KHOKHLOV. [Ships for military defense]. Korabli protivotankovogo oborony. Moskva, Voenizdat, 1967. 283 p.]
- SILOBODIN, K. M. [A tank on a pedestal]. Tank na postamente. Moskva, Polizdat, 1968. 144 p. (Tyl fronta).]
- SOROKIN, H. K. [Successors of the little red devils]. Nasledniki krasnykh diavolov. Moskva, "Mol. gvardiya," 1968. 150 p.]
- UKOLOV, D. P. [Ship riggers]. Sudovyye takelazhniky. Leningrad, "Sudostroyeniye," 1967. 178 p.]
- [UNCONQUERABLE, LEGENDARY]. Nepobedimaya legendaria. Moskva, Izd. DOSAAF, 1968. 367 p.]

A. SCHOLARLY JOURNALS

Reduction of nitrosylurea. p. 11

... (in Russian) ... p. 14.

Kakhanov, M. S., Mar'kov, G. G. - Electrophysiological study of afferent and efferent conduction paths in the hippocampus and the striatum. p. 19.

Kakhanov, M. S., Kharin, P. P. - Effect of older massage and certain hormones on the milk production of cows after the first calving. p. 26.

Kakhanov, M. S., Etkin, G. A. - Materials on the effect of the relationship between the cerebral cortex and the secretion of neuroendocrine glands (thermography). p. 33.

Kakhanov, M. S., Basilevskaya, T., Lerman, R. - Study of milk protein composition altered by thyrotoxicosis. p. 39.

Agas'teva, N. A., Yakubson, I. Z. - Effect of habitat on minor substitutional and constitutional chromoxia in aldehydes. p. 41.

Agas'teva, N. A., Yakubson, I. Z., Baranovskaya, E. L. - Indices of the effectiveness of drug exercises for schoolchildren of 16 to 18 years of age based on anthropometric data. p. 47.

Yakubson, I. Z. - Study of pathogenic and benignogenic effect of two measles virus strains isolated on guinea pigs. p. 56.

Vol. 69, 1968.

Table of contents translated.

Orlovskiy, V. I. - Zooplankton of Dnieper Reservoir. p. 3.

Baranovskiy, M. S., Pilyav, L. S. - Fish productivity in Kilkany ponds. p. 63.

Baranovskiy, M. S., Grevilova, L. A., Koryneva, S. I. - Changes in the phytoplankton composition and biology of a lake in connection with the Dnieper River after the regulation of the Dnieper River. p. 72.

Bakulina, N. P. - Nature of the effect of Dnieper River regulation on fish catch of Dnieper and Korynyn Lakes. p. 87.

Dolgi, V. N. - Biology of Angli carabids from under the conditions of forests of the Dnieper-Bugster interfluvium. p. 93.

Melting, L. V. - Zooplankton of the Sasyk Lagoon. p. 105.

Mamonchenko, E. A. - Some problems of the biology of young gray mullet wintering in the Akhmed Bay of the Shabulak Lagoon. p. 116.

LENINGRAD GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IMENI A. I. GERTSENA. Uchenyye zapiski (A. I. HERTZEN STATE PEDAGOGICAL INSTITUTE STUDIES). Vol. 315, 1967.

Chudovnik, S. I. (Problems of syntactic style; based on material of German prose) Problemy sintakticheskogo stilistiki. (On main style concepts) p. 151.

LENINGRAD UNIVERSITET. Uchenyye zapiski (UNIVERSITY STUDIES). Vol. 336, 1968. Seriya (fizicheskaya) (Series in the Physical Sciences), no. 11. Solid body electronics.

Table of contents translated.

Rumsh, M. A. - Review of studies on the X-ray photoemission of massive cathodes. p. 7.

Lakhtinskiy, A. P., and others. - Development of methods of ultraviolet X-ray spectroscopy. p. 18.

Ritush, M. A., and others. - Studying the structure of semiconductor materials. p. 47.

Arak'eva-Gell', A. N. - Photoemission from CuS , HgSe , InAs , Ge , Te , and ordered single crystals of KCl and NaCl . p. 60.

Artemchuk, V. K. - Photoemission and quantum yield of photoionization in cadmium selenide. p. 74.

Artemov, O. M., and others. - Effect of illumination on the surface potential of some semiconductors. p. 77.

Artemov, O. M., and others. - Effect of electron and ion bombardment on the conductivity of semiconductor films. p. 81.

Bykuri, T. P. - Effect of oxygen adsorption on the electrophysical properties of lead sulfide. p. 86.

Chochurin, S. N., Komarov, P. P. - Photoresistance at high frequencies. p. 89.

Berlaga, R. I., and others. - Photo-e.m.f. in thin lead sulfide films. p. 92.

Norik, F. T. - Photoelectric properties of thin cadmium telluride films. p. 95.

Komarov, P. P., Luchina, K., Orlin, L. - Photo-e.m.f. in germanium films produced by vaporization in a vacuum. p. 98.

Sokol'skaya, I. L., Shcherbakov, G. P. - Experimental study of field emission of cadmium sulfide. p. 101.

... (in Russian) ... p. 119.

... (in Russian) ... p. 120.

Romanov, O. V., Komarov, P. P. - Use of the field effect in electrolytes in studying rapid changes of surface states in germanium. p. 137.

Komarov, P. P., Romanov, O. V., Rukhlov, M. L. - Effect of oxidation on the physical properties of germanium surfaces. p. 142.

Heitler, I. P. - Useful magnetless pulse mass spectrometer in studying gas-metal interaction. p. 147.

Shchegolev, I. P. - Magnetic methods for studying semiconductor surfaces. p. 152.

Artemov, Gell', A. N. - State sensitivity. p. 157.

No. 336, 1968. Seriya matematicheskikh nauk (Series in the Mathematical Sciences), no. 43. Gas dynamics and heat transfer, no. 1.

Table of contents translated.

Ladman, L. A. - Nonequilibrium laminar heat transfer with air-saturated gas flow. p. 5.

Maltsev, S. K. - Nonequilibrium heat transfer in methane. p. 20.

Polyakov, A. F. - Laminar gas flow in channels of variable cross section. p. 28.

Ginzburg, I. P. - Possible approximate methods for solving problems involving a turbulent boundary layer in mixed gas flow. p. 30.

Ginzburg, I. P., Kras'yanova, N. S. - Effect of injection on a turbulent boundary layer with pressure gradient. p. 50.

Ginzburg, I. P., Skarin, L. L. - Turbulent magnetohydrodynamic boundary layer in a transverse magnetic field. p. 59.

Korolyukovskiy, G. V. - Multicomponent turbulent boundary layer on a plate. p. 74.

Vorobeychikov, Myshkova, L. I. - Free stream boundary layer with equilibrium gas dissociation. p. 80.

Bakula, B. A. - Supersonic jet in a steep channel. p. 86.

Zelinskiy, O. S., Ibrakov, A. V. - Experimental study of flow separation in overexpanded critical nozzles. p. 91.

Bakula, B. A. - Selecting the geometrical parameters and applying conditions of the working section of a supersonic wind tunnel. p. 104.

Pavlov, G. P., Shchegolev, A. I., Ushakov, E. A. - Experimental study of the effect of a nonequilibrium jet on a plane surface. p. 106.

Makovich, S. N. - Experimental study of a blade mechanism in a supersonic flow. p. 117.

Solov'yev, S. G. - Experimental study of gas flow in thin ducts. p. 124.

Loren, G. E., Zelikhman, A. I. - Electron-magnetic rheoscope. p. 130.

Krylov, A. A., Starikov, B. N. - Two-component aerodynamic balance for measuring small forces. p. 147.

Pavlov, G. P. - Electrode attachment in a high-speed SHF motion picture camera. p. 144.

LENINGRAD UNIVERSITET. Vestnik UNIVERSITY. Review. Vol. 23, no. 6, May 1968. Geotekhnika i geografiya (Geotechnics, Geography), no. 1.

Table of contents translated.

Lebedev, V. I. - Problem of the size of atoms. p. 5.

Ogry, V. N., Bel'kova, I. N., Karguz, O. G. - Precambrian of the Kyzyl Kum and the problem of the relation of the Tien Shan to the Thais. p. 21.

Kurobkov, I. A. - Current state of the systematization of organisms. p. 31.

Melov, V. A. - Geophysical methods of studying mineral and element composition of ores in boreholes. p. 41.

Rutenskiy, V. E. - Some problems of geology and conditions governing the formation of Lower Proterozoic layers of the Bergal series (southern Kuznetsk). p. 56.

Kuznetsov, S. S., Selivanov, G. D. - Finding in Lower Ordovician layers in the surrounding areas of Leningrad and its origin. p. 60.

Egorov, V. A. - Practice in using fields of radio stations in geological mapping. p. 70.

Sergeev, V. N., Nikolova, N. V. - Shale in the geography of sea shipments of petroleum and petroleum products to the coasts of Western Europe. p. 85.

Smirnov, L. E. - Informative properties of aerial photographs and evaluation of their interpretation. p. 94.

Sintayeva, N. P., Konovatova, L. D. - Measurements of the temperature of the water surface by a radiometer. p. 108.

... (in Russian) ... p. 119.

... (in Russian) ... p. 120.

... (in Russian) ... p. 137.

... (in Russian) ... p. 142.

... (in Russian) ... p. 147.

... (in Russian) ... p. 152.

... (in Russian) ... p. 157.

... (in Russian) ... p. 163.

... (in Russian) ... p. 166.

Vol. 23, no. 6, May 1968. Biologiya (Biology), no. 2.

Table of contents translated.

Polubinskiy, I. U. - Characteristics of the evolution of the nuclear apparatus and genetic systems in protozoans. p. 1.

Phenich, V. V., and others. - Significance and utilization methods of lower autotrophic organisms. p. 14.

Tolmachev, A. I. - Modern problems of plant geography. p. 24.

Ashmarin, I. P. - Some mechanisms of the regulation of the synthesis and duration of RNA in embryonic and differentiated tissues. p. 30.

Golikov, N. V. - Development of the theory of parasitism and physiological ability. p. 32.

Danilevskiy, A. S., Goryashin, N. I., Tyshchenko, V. P. - Ontogenetic rhythms and the problem of photoperiodism in insects. p. 39.

Fedorov, V. S., Smirnov, V. G. - Synthetic population of trapped rye. p. 45.

Atanasiuk, E. Sh., Kozminskiy, A. I., Mikhlin, D. P. - Brain mechanisms of verbalization and thinking. p. 57.

Baranovskiy, I. A. - Functional principles of fish migration. p. 63.

Chernikov, V. A., Sublatskiy, S. V., Stepanova, A. M. - Green plants as carbon collectors. p. 73.

Arystakov, E. - Fin correction from freshwater mudsharks in the Aral Sea Delta. p. 79.

Ivanova, K. S. - Materials on the postembryonic development of corn crake and gallinule from the family Gallinule. p. 89.

Stravinskiy, S. I. - Materials on the ornithofauna of the Moscow Victory Park in Leningrad. p. 90.

Vasil'yevskiy, M. A. - Southern distribution ranges of some trees and shrubs in the southern West Siberian Plains. p. 103.

Galevich, S. A. - Fungal alienation and intracellular plant species of the Cytisus. p. 107.

Vasil'ev, A. K. - Determining the increased efficiency phase in repeated seed work. p. 118.

Belozorov, L. S., Shchegolev, T. D. - Pyrene and content in some plants and its transformation by light in leaves of succulent plants. p. 125.

Tishchenko, N. N. - Free amino acid accumulation in the mycelium of Aspergillus niger. p. 131.

Kreida, N. A. - Zonal soils in low mountain phytoregions of the Maritime Territory. p. 138.

Makulov, N. N. - Transformation of high-dispersion minerals in swampy processes. p. 147.

Atanasiuk, E. S., Zhukova, Z. A. - Role of pollen number in inheriting characters. p. 153.

Karev, S. V. - Differences in correlation lines between skull characters in some voles with mutant albinism and asymptotic ranges. p. 157.

Shabanov, A. I. - Effect of the timing of human flexor carpi on changes in optimum stimulation strength causing the peak amplitude of P-wave. p. 160.

Shcherbakov, E. S. - Megametric nature of necessary (II) chromosomes in Oligamia animalia Mg. p. 162.

An outstanding biochemical; on the 60th birthday of A. L. Kiseleva. p. 165.

NOVGORODSKIY GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenyye zapiski (NOVGOROD STATE PEDAGOGICAL INSTITUTE STUDIES). Novgorod, vol. 9, 1968.

Table of contents translated.

Tikhonov, A. S., Tuzov, L. V. - X-ray scattering by aluminum-zinc alloy and carbon in the region of very small angles. p. 3.

Tornikyanov, M. D., Tuzov, L. V. - Measuring the microhardness of nickel subjected to stretching at room temperature and at elevated temperature. p. 11.

- Georgiev, A. I. - Epifaunal grazing of germinulum. p. 18.
- Ivanov, V. G. - Preparation of germinulum, efficient and production of an adult ciliate image of pure germinulum. p. 40.
- Gesse, L. A., Petrucci, N. A. - Application of the four-electrode system in measuring the specific resistance of epifaunal layers. p. 54.
- Yashin, F. I., Vagrin, S. O., Malinov, F. S. - Investigating the discharge in a binary gas mixture. p. 56.
- Tshingergozov, A. N. - Changes of crystal face boundaries in the process of growth. p. 60.
- Morozkin, V. M. - Calculating the π -electron polarizability of some conjugated molecules containing mainly vinyl subsystems of π -electrons. p. 71.
- Drozda, S. V. - Principal characteristics of the medium-potential trough in visual observation of stars. p. 78.
- Isaakishvili, L. S. - Catalog of descriptions of 77 stars of the Gorky zenith zone. p. 84.
- Isaakishvili, L. S. - Preparation for the observation of zenith stars with a zenith telescope in order to determine their inclinations. p. 95.
- Bogdanovskii, V. P. - Criteria for the determination of the resolution of forces in an inclined plane. p. 105.
- Dutrovin, V. V. - Studying the liquid state of a substance in the physical course of secondary solvents. p. 108.
- Lobanova, L. P. - Simple form made astrometrical apparatus. p. 125.

PENZA GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 16, 1967.
 Contents: Bocharova, A. K. [Saltikov, Stepanov]. The cantilever aspect of Kaitro [Shtyk, Stepanov]. Pedagogical aspect. 381 p.

PERM PEDAGOGICHESKII INSTITUT. Uchenye zapiski [PEDAGOGICAL INSTITUTE. Studies]. No. 16, 1967.
 Table of contents translated:
 Bolshakov, A. M., Khazova, S. M., Kuznetsov, I. N. - Biology of some amphibians of Perm Province. p. 3.

Baryleva, A. M. - Mosquito infestations in Perm Province as related to temperature conditions. p. 11.

Azgarova, S. S. - Butterflies, the pests of cherries and alibals in Perm Province. p. 25.

Kushchinskii, V. I. - Relationship between the cuticle permeability in wireworms and their physiological conditions. p. 33.

Vartanov, V. V. - Biology of commercial fishes in ponds and reservoirs of the Udmurt A. S. S. R. p. 40.

Tychinin, V. A., Dvornichev, P. G. - Materials on the biology of the greater spotted woodpecker in the Udmurt A. S. S. R. p. 161.

Popov, M. K., Shkibaeva, V. D. - Materials on feeding habits of the hazel louse in the Udmurt A. S. S. R. p. 157.

Popov, M. K. - Effect of chemical insect treatment on birds and shrews. p. 165.

Tishan'kin, V. F., Iurakov, A. A. - Methodology of operating bicycle ergometers. p. 173.

Iurakov, A. A. - Constructional changes in Iordani's gas analyzer. p. 181.

Makshin, A. I., Astrakhan'skii, N. A., Levastova, T. M. - State of the physiological lability of the neuromuscular apparatus in relation to children's physical development. p. 185.

Plaksha, A. I., Astrakhan'skii, N. A., Levastova, T. M. - Age-related characteristics of the physiological lability of the neuromuscular apparatus in man. p. 193.

Men'shikov, I. P., Belikov, I. G. - Changes in the muscle power and static endurance during training exercises in gymnastics. p. 205.

Eliseev, V. M. - Relation of respiration to movement in children 3 - 12 years old during physical exercises. p. 211.

Gelkhar, K. L., Kuznetsov, R. G. - Peripheral blood circulation in antihypostatic position of man. p. 219.

Litvinov, V. N. - Psychophysiological zoning of the Udmurt A. S. S. R. p. 225.

PERM UNIVERSITY. Uchenye zapiski [UNIVERSITY. Studies]. No. 16, 1967. Glavredkollezh [Chief Editorial Board].

Table of contents translated:
 Bolshakov, V. A. - Classification of rivers in forest regions. p. 3.

Isaikov, V. A. - Features of the effect of karst on the streamflow of the Russian River. p. 13.

Isaikov, V. A. - Features of the effect of mountain karst on runoff. p. 45.

Orlov, K. E., Shkibaeva, A. S. - Effect of the average height of drainage basins on the streamflow of the Tobol basin. p. 70.

Malurzin, I. M. - Complex general geographical studies of reservoirs. p. 85.

Antecova, M. A. - Variations over a period of many years of stable ice on lakes of the Trans-Ural region and their relation to atmospheric circulation. p. 95.

Pereskin, I. A. - Quantitative evaluation of the dynamics of the storage of reservoirs. p. 104.

Kulikov, G. I. - Vertical movements in the atmosphere. p. 115.

Pospelova, V. F. - Evolution of cyclones above the Urals. p. 133.

Kulikov, G. I. - Profile of the analogue of vertical velocity. p. 141.

Kulikov, G. I. - Practical determination of individual variations of Laplace pressure (geopotential). p. 145.

Kulikov, G. I. - Calculation of meteorological deviations. p. 152.

PELOZAVGUSK UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 16, no. 1, 1955. Table of contents translated:

Lutskova, A. S. - Introduction of coniferous plants in southern Karelia. p. 3.

Andreev, K. A. - Promising shrub, *Stephanandra asatica* (Thunb.) Zol. and its grafting with green cuttings. p. 10.

Pelgona, I. N. - Winter hardiness of apple varieties of different breeding in Karelia. p. 14.

Kutshina, P. M. - Late fall sowing of the apple tree. p. 18.

Mironova, M. P. - Growth rhythm in annual shoots of woody plants. p. 24.

Lel'deva, N. V. - Relationship between the degree of high bog drainage and seasonal changes in the substances in Sphagnum shoots. p. 27.

Mazalova, L. O., Gantshina, L. G. - Sugar and starch dynamics in the annual cycle of pine and spruce development. p. 32.

Olyshnikov, A. M. - Seasonal and age-related dynamics of pigment content in plasmas of pine needles. p. 36.

Chichikova, M. V. - Development of generative buds of white birch in Karelia. p. 43.

Gantshina, L. G., Mazalova, L. O. - Nitrogen metabolism in some woody plants. p. 48.

Krupnikov, P. V. - Biochemical characteristics of some coniferous varieties in Karelia. p. 52.

Ermolov, L. V. - Biochemical characteristics of some coniferous varieties in the Botanical Garden of the Petrozavodsk State University. p. 55.

Krupnikov, P. V. - Biochemical characteristics of the raspberry in the Botanical Garden of the Petrozavodsk State University. p. 61.

Andreev, K. A. - Proclamation of the Valaam Archipelago as Lake Ladoga as a natural monument. p. 64.

Vol. 14, no. 3, 1967. Table of contents translated:
 articles of the Department of Human and Animal Physiology.

Table of contents translated:
 Problem of the deficit of excitation. p. 7.

Encheva, L. A. - Passive hyperpolarization as qualitative and quantitative index of the state of the deficit of excitation. p. 31.

Dobrotvina, A. D. - State of the deficit of excitation in the muscle during central inhibition. p. 55.

Starobogatov, M. Kh. - Level of polarization of brain hemispheres in different states. p. 82.

Andrianov, O. A. - State of the deficit of excitation and its functional characteristics. p. 105.

Andrianov, O. A. - Functional properties of the muscle in the state of passive and active hyperpolarization. p. 137.

Luzgina, I. P. - Constant polarizing potentials of the brain and skeletal muscle in dogs following deafferentation of the respiratory center. p. 148.

Gol'dfeld, I. L. - Effect of potassium ions on the polarization of the spinal cords and muscle. p. 160.

TSegol'skaya, E. V. - State of the deficit of excitation of the salivary gland. p. 167.

Mikhail-Sorokina, O. F., Danilova, L. I. - Rhythmic activity in the skin nerves of mammals. p. 185.

Zhukov, N. I. - Impulse activity of receptors in convective and radiation cooling. p. 197.

Oshchepko, T. S. - Excitation of receptor activity by cold. p. 206.

Kukoren, M. I. - Characteristics of impulse activity of the receptors of subcutaneous veins of the chest. p. 215.

RYAZAN GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 41, 1958. Collection of articles on the qualitative theory of differential equations.

Table of contents translated:
 Vlasov, A. V. - Stability in the large of some systems of differential equations. p. 3.

Vlasov, A. V. - Silberstein's functional equation. p. 5.

Grigor'ev, I. M. - Computing the rotation of the vector field. p. 9.

Grigor'ev, I. M. - Dependence between the number of elliptic and hyperbolic domains near a singular point and the index of that point. p. 13.

Grigor'ev, I. M. - Domains near the singular point of a equation. p. 18.

Ivanov, V. D. - Integral representation of a vector field in a spherical stratified atmosphere. There is an arbitrary dependence of the field constant on the altitude. p. 20.

Makarov, I. P., Shamulina, L. S. - A piecewise-smooth function as a Chapman function. p. 24.

Pollak, V. V. - Behavior of trajectories of type of the homogeneous type near an isolated point. p. 28.

Rozhkova, M. I. - Some conditions for the stability of trajectories of Markov processes. p. 34.

Tereshkin, M. T. - Isolation of the field of attraction and the detection of limit cycles. p. 42.

Tereshkin, M. T. - Periodic solutions and limit cycles. p. 53.

Tereshkin, M. T. - Defining the critical value parameter describing the swinging of a system. p. 65.

Shamulina, L. S. - Application of a piecewise-smooth function. p. 70.

Isakov, M. K. - A. M. Itanov's second paper. p. 81.

SARANSK MOIROVSKII GOSUDARSTVENNYI INSTITUT. Uchenye zapiski [MORDOVIAN STATE UNIVERSITY. Studies]. No. 58, 1967.

Table of contents translated:
 Pashin, L. L. - Let's improve the veterinary sanitary conditions in animal farms. p. 3.

Pashin, L. L. and others. - Let's improve the sanitary conditions. p. 11.

Shalunov, I. K., Gulyashnikov, P. P. - The dyspepsia in newborn calves in farm farms. p. 11.

Morozov, A. S. S. R. p. 17.

Gulyashnikov, P. P., Shcheglova, M. I. - The hemolysis of sheep in the preparturient period. p. 21.

Dmitrov, V. G. - Hypochloremia of calves in Mordovian District. p. 25.

Kuznetsov, V. I. - Treatment of traumatic and pericarditis in cattle. p. 27.

Kudashkin, I. D. - Effect of supplementary feedings on weak young pigs and their health. p. 29.

Sarychev, N. I. - Inclusion of phosphorus in the same depending on different methods of feeding. p. 35.

Gulyashnikov, P. P. - Effect of hemolysis of sheep on the body temperature in newborn calves. p. 41.

Gulyashnikov, P. P. - Effect of hemolysis of sheep on the growth of calves. p. 45.

Shcheglova, L. L. - Content of fluorine and some water sources for farm animals in Mordovian District. p. 49.

Shepelev, D. S., Shcheglova, L. L. - Material characteristics of the linear and muscular sources for watering farm animals in Mordovian District. p. 53.

Dushin, A. I. - Watered sources, regulation of the Mordovian River. p. 55.

Gorlov, M. K., Machinskii, A. P. - Export of the treatment of calf distemper in Mordovian District. p. 61.

Machinskii, A. P., Semov, V. N. - Role of spreading helminthic diseases in farm animals in Mordovian District. p. 65.

Shepelev, D. S. - Material on the diagnosis of acute cysticercosis in farm animals. p. 69.

Shepelev, D. S. - Measures in the early diagnosis of cysticercosis in farm animals. p. 73.

Machinskii, A. P., Shepelev, D. S. - Use of the helminthization of sheep with Mordovian District. p. 83.

Stepanov, I. A. - Problems of immunity in sheep in cattle. p. 91.

Shepelev, D. S., Machinskii, A. P. - Observation of the Mordovian District. p. 97.

Machinskii, A. P., Oukhnev, V. S. - Spontaneous abortion in Mordovian District. p. 103.

Machinskii, A. P. - Effect of physical factor on the development of sheep with Mordovian District. p. 107.

Lugovoi, A. E. - Some data on the species and numbers of small mammals in the Mordovian region of the Saratov flood plain. p. 111.

Nikolaev, I. U. E. - Specific prophylaxis of sheep in cattle. p. 125.

Kudashkin, V. I. - Enzootic malignant catarrh fever in the "Kommunar" collective farm in Temnikov District of the Mordovian A. S. S. R. p. 131.

Kaledina, R. E. - Intervention of the specific features of the mucous membranes of the sheep. p. 133.

Sholanova, G. M., Kaledina, R. E. - Affection of the intramural ganglia of the mucous stomach in ruminants. p. 141.

Sholanova, G. M. - Zones of innervation of nerves in the rumen of sheep. p. 147.

Shapkarin, V. I. - Effect of the type of feed pregnancy on the quality and some initial blood in sheep. p. 155.

Kliuv, I. I. - Surgical treatment of gill cancer. p. 169.

Kliuv, V. E. - Compound treatment of tetanus. p. 169.

Gulyashnikov, E. T., Gulyashnikov, P. P. - shepherds' horse (Capella bursa pastoris) renal bleeding; from the practice of the section of the Republic Hospital. p. 173.

- Zaitsev, V. M., Miroslavskiy, B. L. - Biochemical factors of the activity of the hematopoietic process. p. 177.
- Nazarkin, N. A. - Organization of medical care for children in a rural district, experience in Chernykh District of the Mordvin A. S. S. R. p. 183.
- Ushkin, D. I. - An upper limit for the construction of health records on collective farms. p. 189.
- Nazarkin, N. A. - Industrial hygiene in working with toxic chemicals on farms. p. 193.
- Kisilov, G. P. - Ethical problems in the physiologic process. p. 197.
- Vorobkova, M. V. - Effect of the direction of the condenser current on some parameters of muscle excitability under direct stimulation. p. 201.
- Shashkov, I. R., Gulyshnikov, P. P. - Effect of different levels of feeding pregnant mice during the last third of pregnancy on the end-organ composition of colostrum, and the rate of calf dyspepsia. p. 213.
- No. 59, 1967. Papers on the feeding and raising of farm animals.
- Table of contents translated:
- Pravda, A. I. - Cattle breeding in Mordvinia in the 19th and the beginning of the 20th century; historical information on the formation of the Mordvin A. S. S. R. p. 4.
- Pravda, A. I. - Chemical composition of milk of summerized cattle. p. 56.
- Sirin, B. A. - Feeding cows with calcium and phosphorus. p. 70.
- Fomina, A. A. - Economic effectiveness of raising castrated and noncastrated half calves for meat. p. 93.
- Fomina, A. A. - Results of histological studies of the muscle tissue of castrated and noncastrated half calves. p. 97.
- Fomina, A. A. - Effect of castration on some indices in the blood of half calves. p. 103.
- Kostin, D. P. - Comparative characteristics of the meat quality of half-bred Jersey-Shimorud half calves. p. 110.
- Kostin, D. P. - Digestibility and assimilation of nutritive substances in food by half-bred Jersey-Shimorud half calves. p. 122.
- Il'inskiy, V. I. - Growth and development of half-bred Jersey-Shimorud calves. p. 127.
- Petrov, T. D. - Experience in decreasing the amount of milk used in raising percheron calves. p. 134.
- Shepelov, D. S. - Physiological indices in calves depending on changes of the temperature and humidity conditions of the stall. p. 140.
- Kuzhova, A. P. - Utilization quality and assimilation of nutritive substances in the feed ration by percheron and mixed breed sows. p. 144.
- Zavala, M. A. - Results of the selection of sows of the Berkshire breed according to the cost of feed in the "Krasnaya Mordvinia" breeding farm. p. 151.
- Kumarov, A. L. - Effect of trace elements (Fe, Cu, Co) on the metabolism of young pigs. p. 155.
- Kumarov, A. L. - Chemical composition of some organs and tissues of young pigs fed on trace element salts. p. 163.
- Kirelov, D. M. - Geographical zoning of sheep breeds on collective and state farms of the Mordvin A. S. S. R. p. 172.
- Lapshin, S. A. - Utilization of nutritive substances in the feed ration of pregnant ewes in various levels of feeding. p. 182.
- Lapshin, S. A. - Intrauterine development of lambs in relation to various levels of feeding of ewes. p. 190.
- Lapshin, S. A. - Effect of pregnancy and feeding level of ewes on fetal nutrition. p. 194.
- Shapkarin, V. I. - Effect of different types of feeding of pregnant ewes on the growth of the lamb. p. 207.
- Nikolov, D. V. - Effect of myxomatosis on the embryonic development of sheep. p. 212.
- Almashev, G. M. - Effect of feeding ammonium sulfate to pregnant ewes on the intrauterine development of the fetus. p. 220.
- Kokorev, V. A. - Effect of feeding copper sulfate to pregnant ewes on the intrauterine development of the offspring. p. 228.
- Frolova, V. G. - Effect of the feed on the utilization of nutritive substances in the feed ration. p. 236.
- Bazarov, S. N. - Experience in keeping chickens in wide area poultry yards at the "Rep'evskiy" state farm. p. 244.
- Karelov, D. M. - Raising summer cypress on chicken roosts on poultry farms. p. 247.
- Lapshin, S. A. - Determination of general nitrogen in plant samples by the colorimetric method. p. 254.
- TOMSK UNIVERSITY. Trudy [UNIVERSITY. Transactions]. No. 84, 1962.
- Table of contents translated:
- Kharadze, A. K. - N. I. Moskholshvili on his 70th birthday. p. 7.
- Vokua, I. M. - On the compactness of a family of generalized analytic functions. p. 17.
- Vokua, N. P. - General boundary value problem of linear conjugation for given unknown functions with given shifts. p. 33.
- Itskadze, A. V. - Contribution to the theory of harmonic functions. p. 35.
- Dolbuz, D. E. - Rotation of a porous cylinder in a liquid. p. 39.
- Kharadze, A. K. - Use of Heron's method in proving the irrationality of the roots of certain special functions. p. 45.
- Gakhtol, I. B. - The probability concept. p. 53.
- Kupradze, V. D. - Singular integral equations and boundary value problems in the theory of elasticity. p. 63.
- Chekhov, V. G. - Tauberian-type theorems for multiple series. p. 77.
- Tshkhadze, E. S. - A general problem dealing with smooth extremum in Hilbert space. p. 53.
- Zoragha, P. K. - Use of Chaplygin's method in solving the fundamental boundary value problem for a nonlinear Rayleigh equation. p. 117.
- Kharadze, E. I. - Factors of uniform convergence and summability of Fourier series by rectangular matrices. p. 127.
- Kugutskiy, P. G. - On sets of "generalized" Markov numbers. p. 133.
- Palatnik, N. K. - Use of the conformal mapping method in solving the problem of a liquid flow past a cylinder. p. 151.
- Dzhavahishvili, A. G. - On singular integrals. p. 161.
- Tsereteli, N. H. - Uniqueness of stable trigonometric series. p. 165.
- Shakhmurov, D. V. - Two-dimensional steady flow of an incompressible viscous electrically conducting liquid near the critical point in a magnetic field. p. 183.
- Kakadze, M. H. - Use of the gamma function in calculating the characteristic vibrations of a Lagrangian folded structure. p. 203.
- Shirshak, V. T. - Law of multiplication in the center of a group ring of the compact simple group $SO(3)$. p. 217.
- Zhukhovich, I. V. - Some problems in the theory of formal multiplicative and logarithmic series. p. 225.
- Kharadze, E. T. - A generalization of the Aronson-Titchmarsh-Szegő theorem. p. 237.
- Gugadze, R. Sh. - Summability of a singular series linked with certain quadratic forms. p. 239.
- Dzhakia, A. H. - Use of Heron's method in summing double numerical series. p. 261.
- Zoragha, D. P. - Variational theory of nonlinear equations. p. 275.
- Lomantse, G. A. - Representation of numbers by binary quadratic forms. p. 285.
- TOMSK UNIVERSITY. Uchenye zapiski [UNIVERSITY. Studies]. No. 66, 1967. Problems in the theory and history of the state and law and the development of the Soviet state.
- Table of contents translated:
- Rutko, T. N. - Critical evaluation of some bourgeois and opportunist theories of the functions of bourgeois law. p. 3.
- Dazylov, D. T. - The concept of legal responsibility. p. 16.
- Gavro, D. N. - History of the preparation and promulgation of the Constitution of the Far East Republic. p. 30.
- Kharadze, N. K. - Constitutional laws of the People's Republic of Tataria in the second phase of its development. p. 30.
- Kim, A. I. - Spectral aspects of the constitutional and legal nature of the Soviets of workers' deputies. p. 51.
- Kim, A. I. - The Soviets of workers' deputies are the organs of the supreme political power of the Soviet people. p. 57.
- Pavlovskiy, R. S. - Concept and characteristics of the rights of the local Soviets of workers' deputies. p. 63.
- Golovko, A. A. - Grounds for the proletarian nationalization of land. p. 75.
- Votolov, V. F. - Development of the organizational forms of administration of agriculture. p. 62.
- Votolov, V. F. - Organizational work and legal characteristics of the organs of the general guidance and administration of agriculture. p. 114.
- Novoselov, V. I. - Judicial control in Soviet governmental administration. p. 130.
- Sapozhkov, N. R. - Participation of the members of the district Soviets of workers' deputies in economic and organizational work in their districts. p. 140.
- Aleksandrov, D. V. - Amendments to the Statute of the United Nations. p. 159.
- YAIOSLAVI. GOSUDARSTVENNYI PEDAGOGICHESKIY INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 59, 1967. Physicochemical studies of salt heterogeneous equilibria in solutions.
- Table of contents translated:
- Troitskiy, E. N. - Study of the ternary system potassium perchlorate - magnesium perchlorate - water at 25°C. by the methods of physicochemical analysis. p. 3.
- Kharadze, A. S., Troitskiy, E. N. - Solubility in the reciprocal aqueous system consisting of potassium and sodium perchlorates and chlorides at 90°C. p. 8.
- Chernova, L. P. - Study of the ternary system potassium chromate - ammonium chromate - water at 25 and 50°C by the methods of physicochemical analysis. p. 22.
- Kharadze, A. S., Chernova, L. P. - Reciprocal aqueous system consisting of chromates and perchlorates of potassium and ammonium at 50°C. p. 33.
- Lepeshkov, I. N., Leshchinskaya, V. I. - Solubility in the ternary reciprocal aqueous system consisting of chlorides and perchlorates of magnesium and ammonium at 25°C. p. 38.
- Drozhzhina, G. V., Kharadze, A. S. - Study of the aqueous system consisting of potassium and sodium chromates at 50°C. p. 67.
- Drozhzhina, G. V. - Solubility in the reciprocal aqueous system consisting of perchlorates and chromates of potassium and sodium at 50°C. p. 73.
- Lepeshkov, I. N., Il'yushin, N. N. - Ternary system urea - potassium nitrate - water at 20°C. p. 83.
- Guseva, A. D., Kharadze, A. S. - Study of the ternary system urea - ammonium perchlorate - ammonium chromate - water at 35°C by the methods of physicochemical analysis. p. 89.
- Kharadze, A. S., Guseva, A. D. - Study of the ternary system sodium perchlorate - sodium chromate - water at 35°C by the methods of physicochemical analysis. p. 96.
- Kharadze, A. S., Guseva, A. D. - Study of the ternary system ammonium perchlorate - ammonium nitrate - water by the methods of physicochemical analysis at 40 and 60°C. p. 103.
- Il'yushin, N. N. - System potassium nitrate - magnesium nitrate - water at 20°C. p. 113.
- Kharadze, A. S., Kharadze, A. S. - Aqueous reciprocal system of chlorides and perchlorates of sodium and magnesium at 25°C. p. 119.
- Kharadze, A. S., Il'yushin, N. N. - Thermogravimetric study of magnesium perchlorate. p. 127.
- Schwarz, S. I., and others. - New physicochemically active classical anodolites. p. 133.
- Lepeshkov, I. N., Tatarovskiy, V. A., Rumy, N. N. - Reaction of calcium with potassium chloride and sulfate in aqueous medium at 20 and 25°C. p. 155.
- L. POPULAR MAGAZINES
- ANGELIA (ENGLAND). London, no. 3, 1969.
- DARVINOK (PEIKWINKLE). Issued by Tsentral'nyy komitet Leningoyskogo kommunisticheskogo soyuza molodezhi i detey i Respublikanskaya rada Vsesoyuznykh pionerov i organizatsiy frontov V. I. Leninga [Central Committee of the Ukrainian Communist Youth League of Lenin Pioneers]. Kiev, nos. 5-7, June-July 1968.
- BEIARUS [WHITE RUSSIA]. Organ of Sotsialisticheskaya DSSR [Association of Writers of the White Russian S. S. R.]. Minsk, nos. 7-8, July-Aug. 1968.
- BIAROSKA [THE LITTLE BIRCH]. Issued by Tsentral'nyy komitet Leningoyskogo kommunisticheskogo soyuza molodezhi i detey i Respublikanskaya rada Vsesoyuznykh pionerov i organizatsiy frontov V. I. Leninga [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 44, nos. 5-7, May-July 1968.
- KAPKAN [THE TRAP]. Chelovek, nos. 13-14 (550-551), July 1968. [In Chechen].
- KHION PUSHTAK [HEDGE HOG]. Chelovek, no. 10, Sep., 1967, nos. 9/10-11 (553-555), 1968. [In Tajik].
- KITAI [CHINA]. Published by Dzhuzhalskaya literaturnaya nauchnaya izdatel'stvo [Publishing House for Literature in Foreign Languages]. Beijing, no. 5, 1968.
- KOREIA [KOREA]. Pyongyung, nos. 4-5 (141-142), 1968.
- KOSTEN [CAMPFIRE]. Issued by Tsentral'nyy komitet Vsesoyuznykh Leningoyskogo kommunisticheskogo soyuza molodezhi i detey i Respublikanskaya rada Vsesoyuznykh pionerov i organizatsiy frontov V. I. Leninga [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 7, July 1968.
- KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda," Moscow, nos. 20-22, July-Aug. 1968.
- MURZILKA. Issued by Tsentral'nyy komitet Vsesoyuznykh Leningoyskogo kommunisticheskogo soyuza molodezhi i detey i Respublikanskaya rada Vsesoyuznykh pionerov i organizatsiy frontov V. I. Leninga [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 7, July 1968.

Miroshnikov, L. S. - A UNESCO project for the study of the civilization of the Central Asian Peoples. p. 254

PERODAVANIE ISTORIY V SHKOLY [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 4, July-Aug. 1964.

KRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut Istorii Akademii nauk USSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.]. Jassy, vol. 11, no. 5/6, May 1964.

Table of contents translated:

Schulz, A. D. - Karl Marx and the historical process. p. 3.
Khizhurs'kyi, L. N. - History of study for the theoretical heritage of K. Marx in the Ukrainian S. S. R. p. 11.
Zimko, S. M. - How Marxism influenced the dissemination of revolutionary and democratic ideas in West Ukrainian regions. p. 17.
Sindseriysh, A. V. - K. Marx on the reflection of historical reality in the press. p. 24.
Shevchenko, H. M. - Stages in the development of Soviet Ukrainian culture. p. 31.
Kozhachuk, I. P. - Development of the Leninist ideas of party life and the principles of guidance in the work of the Communist Party of the Ukraine, 1919-1964. p. 42.

Danyliuk, M. Z. - The Communist Party of the Ukraine as the organizer of mutual assistance of city workers and rural laborers in 1943-1945. p. 53.
Shtozhuk, V. H. - Role of the Communist Party of the Ukraine in the political training of Communists during the period of reconstruction. p. 59.
Belobayev, L. L. - Polish Internationalists in the struggle against the Kurilian uprisings in 1917. p. 69.
Apanasyuk, O. M. - Reflection of the socio-political views of the Ukrainian people in the historical songs of the 18th century. p. 76.
Antonova, Z. L. - Leading role of the party organizations in the Donbas Basin in the introduction of scientific achievements into industry, 1950-1965. p. 108.
Prymalko, L. D. - Role of the newspaper "Pravda" in the development of socialist competition in rural areas. p. 119.

Brzinka, P. M. - Participation of the workers of the "Chernom Ziria" Plant in the socialist reconstruction of rural areas. p. 94.
Vallatkin, M. M., Dudykivskyi, B. K. - The first Ukrainian edition of Engels' work "On the origin of socialism from Slavic origins." p. 97.
Nesetova, E. D. - History of the Ukrainian economic industry in the 18th century. p. 99.
Dobun, H. H. - Building of the city of Berdichev and the origin of its name. p. 101.
Vyshchuk, S. G. - Heredalsmancies of Old Russian graffiti. p. 103.
Juhany, N. H. - History of the Ukrainian branch of the Soviet-Polish Friendship Society. p. 109.
Gerasimuk, M. O. - History of machinery manufacturing in the southern Ukraine during the first five-year plan. p. 112.
Plachinskiy, S. D. - Peasant interest in Galicia during the new industrialization of the revolutionary movement in 1918-1919. p. 114.
Pillutskyi, H. L. - How to ensure continuity in the presentation of the antifascist struggle in history classes. p. 116.
Protsenko, L. A. - Establishment of a "Kievian ethnopolis." p. 121.
Koshchuk, T. M. - A conference in May 1916 in Kiev. p. 127.
Vasylchuk, P. L. - The Ekaterinoslav Committee of the Russian Social Democratic Party. p. 130.
Popov, S. T., Stukurysh, H. L. - The centenary of the first Kiev Ship Factory. p. 132.
Kozubats'kyi, A. A. - The centenary of I. D. Moll-nyayev's birth. p. 133.
F. Sh. - Academician H. A. Rybakov on his 60th birthday. p. 136.

Lyzobuk, H. M. - Some aspects of studying the participation of workers in carrying out the rural collectivization of agriculture, 1929-1932. p. 138.
Nalyvaiko, O. S. - How the West European authors of the late 16th and early 17th century described the role of the Ukrainian Cossacks in the struggle against the Turkish aggression (to be continued). p. 132.
Burl, H. Sh. - A museum in the Lenin District of Odessa. p. 160.

b. ARCHAEOLOGY & ANTIQUITIES

MATERIALY I ISSLEDOVANIYA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R.]. Issued by Institut Arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 145, 1969.

Contents: Man'el'shtam, A. M. [Monuments of the Bronze Age in southern Tajikistan; studies of the Tajik Archaeological Expedition of the Institute of

Archaeology of the Academy of Sciences of the U. S. S. R. and the Institute of History named after A. D. Nakhichevskiy of the Academy of Sciences of the Tajik S. S. R.]. Proubnyk spetsial'noy iuzhno-tadzhikskoye, tseydy Tadjikskoi arkheologicheskoi ekspeditsii nauchnoy arkhologii AN SSSR i Institut istorii A. D. Nakhichevskiy AN Tadzhikskoy SSR. T. 6. 162 p.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKIY UCHET [ACCOUNTING]. Organ of Ministerstva finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 27, no. 3, Mar. 1968.
Table of contents translated:
Improve the organization of the work of the accounting apparatus. p. 3.
Asarakhov, M., Bogushevskiy, G. - Accounting and payment for capital assets. p. 8.
Kopelov, G. - Improve standard method of accounting. p. 11.
Serkus, M., Kurbanov, I. - Standard method of accounting in enterprises manufacturing household chemicals. p. 13.
Vasov, S. - Improve the accounting for production costs. p. 16.
Gilevskiy, A., Elchergas, M. - Original accounting in the plants manufacturing special concrete structural elements. p. 18.

Masikova, G. - Machine accounting for state deliveries in fruit and vegetable trading. p. 22.
Trottenko, L. - Business accounting in automobile transportation. p. 24.
Bulger, S. - Objects and sources of bookkeeping, control. p. 26.
Kuznetsov, I. - Give more attention to comprehensive inspections. p. 33.
Kufman, N. - Comprehensive inspections to construction organizations. p. 37.
Armen, M. - Organization of accounting under the new conditions. p. 40.
Makarov, S. - Operational control over the cost of production and profit. p. 42.
Smirnov, V. - Accounting for losses due to waste in the "Selkhoztekhnik" enterprises. p. 44.
Efrem, M. - Accounting for the settlement of accounts with the subscribers. p. 46.
Vahov, A. - More on calculating the cost of coal. p. 51.
Review of newspapers. p. 54.
Kashchev, V. - Organization of accounting and control in industrial enterprises of the Federal Republic of Germany. p. 60.
Speed up the centralization of accounting. p. 75.
The important results. p. 79.
Meeting with readers. p. 79.

Vol. 27, no. 4, Apr. 1968.

Table of contents translated:
Mikhov, F. - V. I. Lenin on accounting. p. 3.
Kutsev, A. - V. I. Lenin on control. p. 8.
Shtrikov, L. - Problems waiting for solution. p. 15.
Slepy, F. - Centralization of accounting in construction. p. 24.
Timoshin, S. - Planning and accounting for the cost of construction and assembly work. p. 28.
Shkabanov, H. - Accounting for the interchangeable equipment. p. 35.
Dobshak, M., Deminaev, V. - Accounting for overhead costs and profit in service industry enterprises. p. 36.
Pavlyuk, A. - Accounting for capital assets in public food service. p. 40.
Kopyt, G. - Organization of accounting under the new conditions. p. 43.
Nikolayev, H. - Journal-voucher accounting method in construction. p. 46.
Bontsov, A. - Simplify documentation in passenger motor vehicle transportation. p. 48.
Fokshchikov, N. - Improve the organization of audits. p. 50.
Aspects of a statement. p. 52.
Review of newspapers. p. 60.
Suggestions and measures in improving accounting. p. 75.

Vol. 27, no. 5, May 1968.

Table of contents translated:
Logunov, A. - The chief accountant and the economies of an enterprise. p. 3.
Gorlin, S., Topitskaya, L. - Operational method of accounting in the workshops. p. 7.
Bulger, S. - Centralized accounting offices in industry. p. 10.
Vidzakov, A. - Centralized accounting office of a food market. p. 16.
Gurkovskaya, K. - Dual cards in the accounting for goods. p. 19.
Larkelevich, M. - Accounting and control in the service industry system. p. 23.
Leyva, V. - Analysis of construction costs under the new conditions. p. 27.

Sokolova, N. - Scientific organization of labor in accounting. p. 31.
Sulayev, N. - Reorganization of accounting in an enterprise. p. 37.
Dobshak, L. - Frontier in centralizing the accounting. p. 40.
Fokshchikov, N. - Organization of accounting work. p. 42.
Shtrikov, V. - A standard method of accounting in factories manufacturing leather rollers. p. 43.
Lomov, M. - Advantages of the journal-voucher accounting method. p. 47.
Vasil'ev, V. - Accounting in the shops operating on a business accounting basis. p. 49.
Sergeev, V. - Accounting for the expendable articles of little value. p. 52.
Marsalov, Sh. - Move on the distribution of overhead costs in automobile transportation units. p. 53.
Isa - Accounting interior. p. 55.
Readers' forum, suggest, and utilize. p. 58.
Borovskiy, R. - Accounting for the results of farm-plant business accounting in enterprises of the German Democratic Republic of Germany. p. 66.
Calendar of the accounting activities of the fishing industry. p. 78.

KOOPERATIV KAZAKHSTANA [THE COOPERATIVE WORKERS OF KAZAKHSTAN]. Issued by Shtaz potrebnykh skhizm sluzhby Kazakhskoy SSR [Association of Consumer Societies of the Kazakh S. S. R.]. Alma Ata, vol. 13, nos. 5-6, May-June 1968.

NOVYE TOVARY. Informatsionnyi bulletin [NEW CONSUMER GOODS. Information Bulletin]. Moscow, no. 6, 1968.

SOVETSKAYA POTREBITEL'SKAYA KOOPERATSIYA [SOVIET CONSUMER COOPERATION]. Issued by Tsentralfil'skiy sovet potrebnykh skhizm sluzhby SSSR [Central Union of Consumer Societies of the U. S. S. R.]. Moscow, vol. 12, no. 4, Apr. 1968.

Table of contents translated:
Muskov, S., Tikhomir, D. - Lenin's cause lives and triumphs. p. 2.
Jurnalov, G. - Supplying goods in the Far North. p. 7.
Amz, R. - Improving service to the customer is the main concern. p. 11.
Klimov, E., Koshchuk, H. - Problems in the history trade. p. 13.
Pavlovskiy, L. - Being order in the statistical accounting of trade enterprises. p. 20.
Kolesnik, F. - What the cooperatives do for the better of the people. p. 23.
Shtrikov, L. - Work in the name of man. p. 27.
Fisher, E. - Not in purchase alone. p. 30.
Pavlovskiy, N. - Goods are packaged in the store. p. 32.
Glinkov, H. - Relying on the support of shareholders. p. 34.
Ivanov, G. - There is a man behind each letter. p. 36.
Shtrikov, G. - The banner of "Malak." p. 40.
Nagradskiy, H. - What is now in determining the quality of goods. p. 42.
Shtrikov, M. - Business accounting in a store. p. 44.
Musk, G. - First Soviet decree on cooperation. p. 46.
Afshar, G. - The assortment policy and types of trade organizations. p. 48.
Krasnolukov, A. - Meeting of the Executive Committee of the International Cooperative Alliance. p. 51.
Pleshev, A. - Soviet cooperatives in Italy. p. 53.
Pryk, A., Mikhov, S. - Acceptance of agricultural products on consignment. p. 58.
Glinkov, H., L'vovich, H. - Property liability in delivery contracts. p. 59.

Vol. 12, no. 5, May 1968.

Table of contents translated:
Editorial: May Labor Day. p. 2.
Mikhov, S. - Founder of scientific communism. p. 4.
The new goals of rural trade. p. 6.
Dobshak, M. - Technological progress and trade. p. 10.
Ovcharuk, A., Muskov, R. - Some problems of the art of service. p. 15.
Azenzhelev, L. - Information and advertisement in a department store. p. 16.
Bukharov, H. - More on commodity funds. p. 18.
Voropaev, N. - Revived millions. p. 20.
Kolesnik, A. - Regularize the wages. p. 22.
Nekipolov, V. - City cooperative trade organization need help. p. 24.
Shtrikov, L. - Training of commodity experts and ways of improving it. p. 26.
Put the art of trade in the first place. p. 29.
Shtrikov, S. - Natural resources and the purchasing agent's supplies. p. 31.
Krasnolukov, M. - Problems of procuring only regulations. p. 35.
Karatov, L. - Comprehensive inspections and inventories. p. 37.
Fisher, E. - Cooperative technique in Kaluga. p. 41.

- Makarenko, H., Fedotkin, A., Sekretareva, L. - Planning for the export of goods in trade, p. 42.
 M. S. - On the history of workers' credit in the U.S.S.R., p. 44.
 Kfir, V. I., Kaban, P. - Wall paper in a village store, p. 49.
 Kishinev, L. - Comparative gross rural coefficients, p. 51.
 Koshchey, L. - Ten days in the Vietnamese soil, p. 55.

DOVETSTVIA TONGONLIA [SOVIET COMMERCE]

Issued by Gosstatizdatnyi komitet Sotsialisticheskoi SSSR [State Statistical Committee of the Council of Ministers of the U.S.S.R. for Commercial Statistics], No. 41, No. 4, April 1968.

Title of contents translated:

Alabinsk, L. - The basic principles of management and the economic reform, p. 2.

Parsh, V. B. - People's control in trade, p. 7.

Itskovskii, H., Mazel, L., Polkin, G. - What the exporters think, p. 19.

Vorobeychikov, B. - Important problems, p. 19.

Abdullayev, M., Tikhonov, N. - High reward, p. 21.

Katkov, G. - Communist labor collective, p. 24.

Belikovskiy, E. - Tallinn House of Trade, p. 28.

Krivosheina, L. - On the collective farm markets of Moldova, p. 30.

Methodological recommendations on the development of the scientific approach to scientific labor organization, p. 31.

Kedrin, E., Lur'yevskiy, G. - The assortment of shoes, p. 31.

Gromovskiy, L. - For trade services in the center of attention, p. 36.

Nerim, B. - Our practice, p. 43.

Maklusk, R. - Scientific organization of labor in a food market, p. 45.

Ivanov, V. N. - Unnecessary parallelism, p. 46.

Sokolov, G. - Centralized delivery of products, p. 48.

Gurev, L. - Grocery goods of the Maritime Territory, p. 50.

Straubach, S. - Transit shipment of china and deliveries through the warehouse, p. 51.

Polupolov, L. - Production of soft ice cream in freezers, p. 52.

Kukhar, A., Bratshteyn, V. - Start the output of the needed machine, p. 54.

Vol. 41, no. 6, June 1968.

Title of contents translated:

Orlov, M. - The city and the store, p. 2.

Shimanskii, V. - Use capital assets more efficiently, p. 8.

Pol'yakov, P. - Current problems of the fruit and vegetable trade, p. 13.

Broslovskiy, L. - Trade enterprise and the law, p. 22.

Skodlov, V. - The vegetable trade of the capital, p. 26.

Kozlovskiy, M. - The "Sibizak" complex, p. 29.

Methodological recommendations on the development and introduction of plans for the scientific organization of labor, p. 31.

Shelchenko, L., Ponomareva, G. - Self-service stores in the Democratic Republic of Germany, p. 35.

Fomin, A. - Efficiency of specialized consumer goods stores, p. 38.

Doglyadov, B. - Why transportation expenditures are high, p. 42.

Utkerov, I. - Good name to the result, p. 44.

Revin, V. - What causes deficiencies, p. 44.

Uralskiy, B. - Thriftier incentives for the collection of glass containers, p. 46.

Mikheev, I. - Seven days in Moscow, p. 52.

Sintayev, H. - Best shopwindows, p. 56.

Bunyat, M. - Competition for furnishings and equipment, p. 61.

TONGONLIA ZA RUBEZHOM [TRADE ABROAD].

Organ of Gosstatizdatnyi komitet Sotsialisticheskoi SSSR [State Statistical Committee of the Council of Ministers of the U.S.S.R. for Trade]. Moscow, nos. 6-8, 1958.

b. ECONOMICS

EKONOMIKA I MATEMATICHESKIE METODY [ECONOMICS AND MATHEMATICAL METHODS].

Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 1, Jan.-Feb. 1968.

Title of contents translated:

Mikheevskiy, B. N. - Single-sector dynamic model and the calculation of consolidated indices for a plan of average time limit, p. 3.

Ershov, E. P. - Problems of working out a scheme for the dynamic model of interbranch balance, p. 26.

Zavitskiy, M. G. - Principles of operation of a simplified system of optimum planning, p. 41.

Kukharovskiy, R. - Aggregation, optimization and control over the organizational structure of large systems, p. 65.

Kristich, E. E. - Profit and management, p. 66.

Dobrovol'skiy, S. S., and others. - Optimum distribution of wells in a field section of underground waters under production, p. 92.

Emelichev, V. A., Shifrin, V. I. - Some extremum problems in the specialization of hunting production, p. 102.

Arizson, A. I. - Interrelation of stochastic stability problems of linear and fractional-linear programming of a special type, p. 168.

Koplin, A. A. - A method for solving convex programming problems, p. 111.

Derezhnitskiy, M. M. - Dynamic programming, p. 114.

Lurie, A. L. - Significance of nonlinearity in the analysis of the socialist economy, p. 126.

Chernichenko, D. G., Abramov, M. A., Trosh, V. E. - Classification of problems in the automation of production management, p. 130.

Arashev, G. I., Trifunovskiy, V. I. - Distributing capital investments among individual types of products manufactured by the enterprise, p. 134.

Bratkov, V. P. - Distributive model of optimum utilization of the fuel power balance, p. 137.

Preprints for developing the theory and methods of optimum planning and operation of the national economy, p. 142.

Vol. 4, no. 2, Mar.-Apr. 1968.

Title of contents translated:

Volkovskiy, V. A. - A model of the optimum distribution of industry by regions and ways of simplifying it, p. 165.

Polterovich, V. M. - Some abstract models simulating the functioning of the cells of hierarchy in the controlled economic system, p. 177.

Chernikov, T. O. M. - Centralization and decentralization of solutions toward a generalized double decomposition method, p. 181.

Gromovskiy, B. L. - Basic principles of creating an automated system of management of supply of materials and equipment, p. 211.

Sukhin, D. G. - Some problems of determining the economic efficiency of the automated systems of industrial management, p. 217.

Gladyshevskiy, A. I. - Evaluating the stability of the parameters of production functions, p. 226.

Saleva, K. - Algorithm for solving a generalized distribution problem, p. 240.

Tekhnich, E. D., Fiksel'shteyn, I. O. - Practice in using a computer in solving problems of integral linear programming, p. 248.

Ershov, E. B. - Invariance of linear relations in adjusting empirical data by the method of least squares, p. 252.

Chirko, A. D. - Integral solutions of nonlinear transportation problems, p. 257.

Gorbacheva, O. S. - Use of dynamic programming for solving some nonlinear extremum problems, p. 261.

Lavrov, E. I. - Modeling by means of computers, p. 265.

Kashin, R. M. - Using electronic computers in the system of division of labor, p. 278.

Tsylo, R. I. - Reducing consumption time as a factor in intensifying production, p. 280.

Berkovich, M. M. - Solution of a combinatorial problem, p. 284.

Sukhtanov, S. A. - Algorithm for solving a nonlinear problem, p. 286.

Gorlay, K. L., Gurev, F. G. - All-Union conference on problems of the development and distribution of industry, p. 288.

Vainstein, A. B., Labin, G. I. - In memory of G. A. Feilman, outstanding Soviet economist and mathematician, p. 296.

On Sergei Mikhailovich Viskov's 70th birthday, p. 310.

EKONOMIKA I ZHIZN' [ECONOMICS AND LIFE].

Issued by Gosstatizdatnyi planovaya komissiya and Sovet narodnogo khozaystva Uzbekskoi SSR [State Planning Committee and the Economic Council of the Uzbek S.S.R.]. Tashkent, vol. 10, no. 1, Jan. 1968.

Title of contents translated:

The second fifty years, p. 3.

Zhukovskiy, S. - The new goals, p. 7.

Merakhdzhayev, V. - Budget of the third year of the five-year plan, p. 18.

Urakov, I. - Specialization of the economy is a key for the creation of an industrial complex in Karakalpakstan, p. 24.

Tshet, M. - It is necessary to introduce standardization, p. 28.

Mukhammedov, Kh. - Increase the production of synthetic fibers, p. 32.

Accelerate the development of light industry of the republic, p. 34.

Put the drying facilities to work at full capacity, p. 35.

Baygala, A. - Uzbekistan coal, p. 37.

The Lenin brigades, p. 40.

Topol'skiy, R. - The new stage, p. 41.

Komarovskiy, A. - Triumph of socialism, p. 44.

Bobkov, I. - The land of white gold and large-capacity industry, p. 45.

Kalashnikov, P. - Role of economic methods in industrial management, p. 52.

Filimonov, I. - Grilling ready for work under the new conditions, p. 50.

Katlynskiy, L. - The reform and technological progress (the conclusion), p. 50.

Zel'din, E., Bannov, G. - Introduce automation to the dressing plants, p. 10.

Segol, A. - Shopper, better, and cheaper, p. 63.

Petrov, V. - The new plants, p. 63.

Mudlov, A. - Livestock computers count, plan, and control, p. 67.

Isorokov, I. - Means for improving the efficiency of construction production, p. 73.

Thank you! p. 78.

Mariyevskiy, I. U. - Using all forces, p. 80.

Kalichkov, P. - Issuing direct credit is a dependable and profitable business, p. 84.

Dumakov, F. - Use trace element fertilizers in the fields and farms, p. 87.

Totsumov, H. - Agricultural workers need a solid practical knowledge of economics, p. 100.

EKONOMIKA SEL'SKOGO KHOZAYSTVA [ECONOMICS OF AGRICULTURE].

Issued by Ministerstvo Sel'khoz Khozaystva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 43, no. 3, 1968.

Title of contents translated:

Vodolentsev, L. - Status and further tasks of the economic service, p. 1.

What is taught by the experience, p. 12.

Stepanov, A. - Supply collective farms with well-organized and qualified example workers, p. 19.

Planning and accounting, p. 23.

Improvement of livestock husbandry with the individual production units of a farm, p. 31.

Shchegolev, L. - The organizational and managerial plan and the progress of the economy, p. 37.

Pyshka, V. - Efficiency of labor collective farm in cattle husbandry, p. 40.

Rodman, E. - Direct ties of collective farms with processing enterprises, p. 43.

Shevchuk, D. - Development of subsidiary industry is a sure path toward the elimination of seasonal work factors, p. 45.

Ivanov, G. - Commune council on a collective farm, p. 47.

Fonichev, M., Il'gov, I. U. - The plan and the nature of the economist's work, p. 51.

Ovchinnikov, V. - The structure, the task, and the recommendations, p. 55.

Chernikov, A. - Improving the efficiency of cultivation practices, p. 60.

Kuznetsov, V. - Selective labor organization in dairy farming, p. 61.

Bolechenko, N. - The milkers' work in two shifts in team work organization, p. 63.

Pavlov, V. - High quality production in an important source of supplementary income, p. 67.

Mikhailov, B. - Business accounting and economic incentives, p. 66.

Fedorov, S. - Reorganization of accounting, p. 69.

Ilyeva, L. - Intensifying farm specialization, p. 70.

Nikolaev, K. - On completely removing state farms from business accounting, p. 72.

Arkhangel'skiy, A. - Developing direct ties of collective and state farms with industry and trade organizations, p. 61.

Dementiev, S. - Operation of the law of planned production development in socialist agriculture, p. 90.

Zakhar, E. I. - Agrarian reforms in Iran, p. 111.

Zel'din, A., Melnikov, V. - Achievements of agricultural science and production, p. 110.

Petrov, V. - Improve the economic qualification of managerial personnel and specialists, p. 122.

Savin, I. U. - Results of the competition have been summed up, p. 124.

Kirko, E. - Anniversary sessions, conferences and meetings, p. 125.

Vol. 43, no. 4, 1968.

Title of contents translated:

Solov'yev, S. - Triumph of the Lenin theory, p. 1.

Udovikov, S. - Important problems of land utilization, p. 10.

Boydin, A. - More produce with less expenditure, p. 20.

Romanov, A. - Use subsidiary industry more fully, p. 27.

Gerasimov, R. - Method of determining profitability and ways of increasing it on collective and state farms, p. 34.

Ezhovskiy, A. - System of supplying agriculture with materials and equipment, p. 46.

Serdyuk, A. - Modeling of a problem of optimal use of fertilizers, p. 57.

Seklov, V. I., Portov, V. - Five-year plan in four years, p. 62.

Ogorodnikov, S. - Achievements of the V. I. Lenin Collective Farm, p. 70.

Rutnickiy, M., Chudina, L. - Experimental model farm on irrigated lands, p. 75.

Bondarevskiy, L. - Develop a highly efficient livestock farming, p. 81.

Lebedev, I. - Possibilities of increasing the production of grain in the Russian Federation, p. 87.

- Gorenkyin, V. - Indices of the level of specialization, p. 93.
- Rozhnov, V. - Method of forming and using the material-laborative funds, p. 97.
- Rashnikov, L. - Scientific organization of labor, p. 100.
- Maklnev, G., Gusev, A. - Economic evaluation of large crops, p. 110.
- Petrushin, A. - International significance of the Lenin agrarian theory, p. 113.
- Bugayev, N., Iakorov, B. - Scientific of instructors of higher schools of agriculture, p. 124.
- IKHONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE].** Issued by Gosplan SSSR Ministry of Ukraine SSR and Institut ekonomiki Akademii Nauk USSR [State Planning Commission of the Council of Ministers of the Ukrainian S.S.R. and the Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 10, nos. 7-8, July-Aug. 1968.
- MATERIALNO-TEKHNIЧЕСКОЕ СНАБЖЕНИЕ [SUPPLY OF MATERIALS AND EQUIPMENT].** Organ of Gosplan SSSR and Gosstat SSSR [State Planning Commission of the Council of Ministers of the U.S.S.R. for the Supply of Materials and Equipment]. Moscow, vol. 3, no. 3, Mar. 1969.
- Table of contents translated:
- Rozhnov, V. - Fundamental problems of the economics of supply of materials and equipment, p. 1.
- Chernov, N. - System of continuous operation planning for procurement in machine building, p. 13.
- Myshko, A. - Procurement for enterprises manufacturing chemical and petroleum machinery, p. 22.
- Rozhnov, N. - Improve the statistics of utilization of equipment, p. 27.
- Rozhnov, V., Timonov, L. - The wholesale trade in petroleum products and reduction of overhead costs, p. 30.
- Konnykhin, A., Ivanov, V. - Deficiencies in the establishment of prices for the use of casting pipes, p. 34.
- Opshanskii, A. - Improving the planning and organization of procurement, p. 37.
- Shafin, L., Mincev, A. - Supplying housing construction in large cities with complete sets of structural materials prepared under plant conditions, p. 42.
- Lilin, V. - Production and distribution of instruments, p. 47.
- Holushchev, V. - Organization of current accounting in a procurement office, p. 50.
- Bel, G. - Some problems of improving economic work, p. 52.
- Arin, O., Lerner, A., Mamukov, A. - Developing an automated system of management of the procurement of metal products, p. 55.
- Militsin, A. - Establishing norms for the expenditure of raw materials with the use of mathematical economics methods, p. 63.
- From the author's mail, p. 71.
- Chikunov, B. - Our practice, p. 76.
- Orelmukov, B. - The wholesale trade in the Middle and Remote Regions, p. 78.
- Lipavskiy, Z. - The procurement department of a plant must work better, p. 80.
- Savitskiy, V., Sinev, B. - What hinders the supplying of complete sets of equipment needed for the construction of heavy manufacturing plants and putting them into operation, p. 82.
- Il'ichev, L. - Accounting for the loss of coal in transportation, p. 84.
- Izrael'skiy, D., Zhukovskiy, E. - Establishing norms for the expenditure of materials in construction, p. 87.
- In the State Supply Commission of the U.S.S.R., p. 94.
- MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA. Stenok nauchnykh rabot [INSTITUTE OF THE NATIONAL ECONOMY. Collected Papers].** No. 17, 1969.
- Table of contents translated:
- Grinert, V.S., Sushkova, M.I. - Studies of the use of antioxidants for the protection of fats against rancidity in confectionery products, p. 3.
- Chistakov, G.M., Kozlovskiy, S.A. - Study of mold fungi species found in commercial cold storage warehouses, p. 11.
- Frenkova, V.V. - Nature of bacterial flora of slimy meat, p. 19.
- Kolesnik, A.A., Ogorov, O.K., Malysukina, G.V. - Volatile fruit substances, p. 24.
- Kolesnik, A.A. - Effect of *rosea* on respiration and its effect on the preservation of fruit and vegetables, p. 34.
- Kolesnik, A.A., Ogorov, O.K. - Change of the chemical content of cauliflower in the process of maturing, p. 45.
- Kolesnik, A.A., Ogorov, O.K. - Change of the chemical content of cauliflower during storage, p. 54.
- Lovchev, L.N. - Some problems of a polarographic study of fatty acids and oils, p. 64.
- Sukhova, N.A. - Study of the chemical content of beans, p. 81.
- Sukhova, N.A. - Study of the consumption properties of beans, p. 91.
- Kozin, N.I., Farkova, O.A. - Content of iron in the red and yellow hazmatov and its fat fractions, p. 99.
- Kozin, N.I., Shukova, E.N. - Absorption of moisture by vegetable oils depending on the hydrochemical conditions of storage and on the content of phospholipids in them, p. 105.
- Kozin, N.I., Shukova, E.N. - Storage of liquid fats in carbon dioxide medium, p. 114.
- Kozin, N.I., Shukova, E.N. - Emulsion properties of some varieties of fats and oils, p. 120.
- Kozin, N.I., Serebrennikov, N.V. - Composition and properties of emulsion of paste-like vegetable emulsions, p. 125.
- Kozin, N.I., Vardanis, V.I. - Establishing a method for the production of margarine with a structure of emulsion, p. 133.
- Kozin, N.I., Vardanis, V.I. - Production of margarine with a structure of emulsion, p. 140.
- Sabin, I.P. - Quality of oil flakes, p. 154.
- Shukova, E.N., Alievskiy, N.S. - Increasing the strength of porcelain ware for public eating enterprises, p. 151.
- Gusev, S.P., Chernov, M.S. - Protection of vegetable products from rusting, p. 167.
- Karpov, V.T. - Effect of copper on the resistance to corrosion of cast iron under atmospheric conditions, p. 169.
- Lavrentyev, V.P. - Effect of carbon concentration on the wear resistance of steel surfaces hardened by cyanidation, p. 177.
- Kulakov, S.S. - Grading of cotton fabrics, p. 185.
- Sirokachev, A.A. - Processing cotton for table cloths, p. 190.
- Il'in, S.N., Arkhangelskiy, N.A., Tigay, U.I. - Properties and properties of fibers obtained from wool fabrics of wool fibers, p. 203.
- Koshin, E.A. - Index of a change in the measurements of leather subjected to maturing and drying, p. 211.
- Serebrennikov, B.P. - Some characteristics of the structure and properties of the hair coat of woolen, p. 219.
- Rozhnov, A.M. - Devices for testing the hair coat of a fur for texture, p. 224.
- Kozlov, V.V., Kravtsovskiy, B.I., Vozhukovskiy, I.K. - Analysis of the synthetic series of oxidizing dyes for fur, p. 230.
- Bober, B.I., and others. - Dyeing of synthetic fibers in a mass with vat dyes and the study of dyed systems, p. 214.
- NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN].** Issued by Gosplan Kazakhskoy SSR [State Planning Commission of the Kazakh S.S.R.]. Almaty, vol. 20, no. 5, May 1969.
- Table of contents translated:
- Ashimbayev, T. - Economic theory of Karl Marx and the experience in the building of socialism, p. 3.
- Talakov, K. - Quantitative analysis in economics, p. 6.
- The third year of the five-year plan, p. 10.
- Satymbayev, N., Gorenman, L. - Mastering of the new enterprises, p. 16.
- Kutubov, Z., Saghatov, E. - Improve planning in trade, p. 21.
- Ustin, D., Shagel', L. - Coordination of engineering and economic services, p. 25.
- Talov, M., Kozhinstayev, K. - Don't stop at half measures, p. 28.
- Trapeznikov, M. - Material incentives for production quality, p. 31.
- Ilyuk, A. - Means of profitable production, p. 33.
- Mazurek, M. - The scientific organization of labor, aesthetics, and labor productivity, p. 35.
- Ashimbayev, T. - Work method of construction management, p. 41.
- Kutubov, Z. - Object of operations, a definite type of work, p. 42.
- Satymov, G. - Why grab elevators are half empty, p. 45.
- Serebrennikov, V. - Efficiency of mechanizing the finishing work, p. 52.
- Negiz, N. - Machine accounting for the expenditure of materials, p. 54.
- Bakayev, I. - Centralized automotive transportation is profitable, p. 55.
- Alekseyev, A., Laptev, G. - We are planning the offered forms of labor, p. 57.
- Dzhukov, Zh., Chernyshev, M., Ogorov, O.K. - Conditions should be changed, p. 60.
- Surybayev, A., Puzhenko, A., Eremin, B. - A new raw material for glass and ceramics, p. 61.
- Semenov, B., Akhmetov, E., Rukov, K. - Improve the repair service, p. 62.
- Manychev, P. - Take care of the land and use it efficiently, p. 65.
- Balkonov, O., Kovriga, A., Zharzhinskiy, A. - Piston conveyors in the Dzharzhagan mines, p. 68.
- Mel'nikov, K. - Studies are finished, but what are the benefits? p. 71.
- Aralov, M., Nasybulina, L. - What is taught by the experience of a wholesale-retail firm, p. 73.
- Aryslanbekov, M. - Needs of the rural consumer, p. 77.
- Galvovskiy, A., Omidov, L. - Improve the knowledge and use specialists better, p. 80.
- Gorlov, P. - The changes in a modern union, p. 92.
- Tikhonov, V. - There is need for modern technology, p. 94.
- Lavrentyev, V. - The moving force of management, p. 95.
- Vasilevskiy, S. - Special features of using the USSR in the socialist industrialization, p. 96.
- ORGANIZATSIYA UPRAVLENIYA [SYSTEM OF MANAGEMENT OF THE PETROLEUM INDUSTRY].** Issued by Vsesoyuznyy nauchnoissledovatel'skiy institut nafty i gazov, naftnykh i gazovykh mashin i apparatov [All-Union Scientific Institute of the Oil and Gas Industry, Machine and Apparatus of the Petroleum and Natural Gas Industry]. Moscow, no. 2, 1969.
- Table of contents translated:
- Arshinov, S.M., Tikhonov, B.P. - Ways of improving the management of oil and gas enterprises, p. 3.
- Gorbunov, V.L., Malysukina, A.P. - The problem of petroleumization in machine building, p. 11.
- Atukhin, A.K. - Improving the organization of scientific testing of equipment with the use of modern methods, p. 12.
- Efimov, I.I., Kozlov, V.L. - Improving the organization of production of equipment for the petroleum industry, p. 15.
- Murzin, A.A., and others. - Repetition of the II and III oil refineries of the USSR for the use of modern technology, p. 17.
- Krasnoshchyokov, G.M., Lashin, A.P. - Application of the methods of numerical analysis of flow rates, p. 22.
- Abdullayev, M.A., Rakhimov, M.R., Malysukina, A.P. - Using the scientific theory methods for determining the optimal number of technological units for the ground and piping of the II and III, p. 25.
- Rakhimov, M.R. - Development of the II and III refineries in the oil refining and processing of the USSR, p. 28.
- Ustin, D., and others. - The experience of the II and III refineries of the USSR in the use of modern technology, p. 31.
- Rozhnov, V.A. - Improving the scientific work of the II and III refineries, p. 33.
- Rakhimov, M.R. - Organization of the II and III refineries, p. 35.
- RUSSIA (1923 - 1928, II.) [Mind for the USSR].** Issued by Gosplan SSSR [State Planning Commission of the USSR]. Moscow, vol. 1, no. 1, 1969.
- Table of contents translated:
- Mal'nikov, L. - Some problems of organization of the II and III refineries of the USSR, p. 1.
- Kashin, V. - V.I. Lenin and the creation of the II and III refineries, p. 10.
- Krasnoshchyokov, G.M. - Problems of the II and III refineries, p. 21.
- Rakhimov, M.R. - The II and III refineries, p. 28.
- Rakhimov, M.R. - The II and III refineries, p. 31.
- Orelmukov, B. - The II and III refineries, p. 34.
- Savitskiy, V. - The II and III refineries, p. 37.
- Kashin, V. - The II and III refineries, p. 40.
- Rakhimov, M.R. - The II and III refineries, p. 43.
- Rakhimov, M.R. - The II and III refineries, p. 46.
- Rakhimov, M.R. - The II and III refineries, p. 49.
- Rakhimov, M.R. - The II and III refineries, p. 52.
- Rakhimov, M.R. - The II and III refineries, p. 55.
- Rakhimov, M.R. - The II and III refineries, p. 58.
- Rakhimov, M.R. - The II and III refineries, p. 61.
- Rakhimov, M.R. - The II and III refineries, p. 64.
- Rakhimov, M.R. - The II and III refineries, p. 67.
- Rakhimov, M.R. - The II and III refineries, p. 70.
- Rakhimov, M.R. - The II and III refineries, p. 73.
- Rakhimov, M.R. - The II and III refineries, p. 76.
- Rakhimov, M.R. - The II and III refineries, p. 79.
- Rakhimov, M.R. - The II and III refineries, p. 82.
- Rakhimov, M.R. - The II and III refineries, p. 85.
- Rakhimov, M.R. - The II and III refineries, p. 88.
- Rakhimov, M.R. - The II and III refineries, p. 91.
- Rakhimov, M.R. - The II and III refineries, p. 94.
- Rakhimov, M.R. - The II and III refineries, p. 97.
- Rakhimov, M.R. - The II and III refineries, p. 100.
- Rakhimov, M.R. - The II and III refineries, p. 103.
- Rakhimov, M.R. - The II and III refineries, p. 106.
- Rakhimov, M.R. - The II and III refineries, p. 109.
- Rakhimov, M.R. - The II and III refineries, p. 112.
- Rakhimov, M.R. - The II and III refineries, p. 115.
- Rakhimov, M.R. - The II and III refineries, p. 118.
- Rakhimov, M.R. - The II and III refineries, p. 121.
- Rakhimov, M.R. - The II and III refineries, p. 124.
- Rakhimov, M.R. - The II and III refineries, p. 127.
- Rakhimov, M.R. - The II and III refineries, p. 130.
- Rakhimov, M.R. - The II and III refineries, p. 133.
- Rakhimov, M.R. - The II and III refineries, p. 136.
- Rakhimov, M.R. - The II and III refineries, p. 139.
- Rakhimov, M.R. - The II and III refineries, p. 142.
- Rakhimov, M.R. - The II and III refineries, p. 145.
- Rakhimov, M.R. - The II and III refineries, p. 148.
- Rakhimov, M.R. - The II and III refineries, p. 151.
- Rakhimov, M.R. - The II and III refineries, p. 154.
- Rakhimov, M.R. - The II and III refineries, p. 157.
- Rakhimov, M.R. - The II and III refineries, p. 160.
- Rakhimov, M.R. - The II and III refineries, p. 163.
- Rakhimov, M.R. - The II and III refineries, p. 166.
- Rakhimov, M.R. - The II and III refineries, p. 169.
- Rakhimov, M.R. - The II and III refineries, p. 172.
- Rakhimov, M.R. - The II and III refineries, p. 175.
- Rakhimov, M.R. - The II and III refineries, p. 178.
- Rakhimov, M.R. - The II and III refineries, p. 181.
- Rakhimov, M.R. - The II and III refineries, p. 184.
- Rakhimov, M.R. - The II and III refineries, p. 187.
- Rakhimov, M.R. - The II and III refineries, p. 190.
- Rakhimov, M.R. - The II and III refineries, p. 193.
- Rakhimov, M.R. - The II and III refineries, p. 196.
- Rakhimov, M.R. - The II and III refineries, p. 199.
- Rakhimov, M.R. - The II and III refineries, p. 202.
- Rakhimov, M.R. - The II and III refineries, p. 205.
- Rakhimov, M.R. - The II and III refineries, p. 208.
- Rakhimov, M.R. - The II and III refineries, p. 211.
- Rakhimov, M.R. - The II and III refineries, p. 214.
- Rakhimov, M.R. - The II and III refineries, p. 217.
- Rakhimov, M.R. - The II and III refineries, p. 220.
- Rakhimov, M.R. - The II and III refineries, p. 223.
- Rakhimov, M.R. - The II and III refineries, p. 226.
- Rakhimov, M.R. - The II and III refineries, p. 229.
- Rakhimov, M.R. - The II and III refineries, p. 232.
- Rakhimov, M.R. - The II and III refineries, p. 235.
- Rakhimov, M.R. - The II and III refineries, p. 238.
- Rakhimov, M.R. - The II and III refineries, p. 241.
- Rakhimov, M.R. - The II and III refineries, p. 244.
- Rakhimov, M.R. - The II and III refineries, p. 247.
- Rakhimov, M.R. - The II and III refineries, p. 250.
- Rakhimov, M.R. - The II and III refineries, p. 253.
- Rakhimov, M.R. - The II and III refineries, p. 256.
- Rakhimov, M.R. - The II and III refineries, p. 259.
- Rakhimov, M.R. - The II and III refineries, p. 262.
- Rakhimov, M.R. - The II and III refineries, p. 265.
- Rakhimov, M.R. - The II and III refineries, p. 268.
- Rakhimov, M.R. - The II and III refineries, p. 271.
- Rakhimov, M.R. - The II and III refineries, p. 274.
- Rakhimov, M.R. - The II and III refineries, p. 277.
- Rakhimov, M.R. - The II and III refineries, p. 280.
- Rakhimov, M.R. - The II and III refineries, p. 283.
- Rakhimov, M.R. - The II and III refineries, p. 286.
- Rakhimov, M.R. - The II and III refineries, p. 289.
- Rakhimov, M.R. - The II and III refineries, p. 292.
- Rakhimov, M.R. - The II and III refineries, p. 295.
- Rakhimov, M.R. - The II and III refineries, p. 298.
- Rakhimov, M.R. - The II and III refineries, p. 301.
- Rakhimov, M.R. - The II and III refineries, p. 304.
- Rakhimov, M.R. - The II and III refineries, p. 307.
- Rakhimov, M.R. - The II and III refineries, p. 310.
- Rakhimov, M.R. - The II and III refineries, p. 313.
- Rakhimov, M.R. - The II and III refineries, p. 316.
- Rakhimov, M.R. - The II and III refineries, p. 319.
- Rakhimov, M.R. - The II and III refineries, p. 322.
- Rakhimov, M.R. - The II and III refineries, p. 325.
- Rakhimov, M.R. - The II and III refineries, p. 328.
- Rakhimov, M.R. - The II and III refineries, p. 331.
- Rakhimov, M.R. - The II and III refineries, p. 334.
- Rakhimov, M.R. - The II and III refineries, p. 337.
- Rakhimov, M.R. - The II and III refineries, p. 340.
- Rakhimov, M.R. - The II and III refineries, p. 343.
- Rakhimov, M.R. - The II and III refineries, p. 346.
- Rakhimov, M.R. - The II and III refineries, p. 349.
- Rakhimov, M.R. - The II and III refineries, p. 352.
- Rakhimov, M.R. - The II and III refineries, p. 355.
- Rakhimov, M.R. - The II and III refineries, p. 358.
- Rakhimov, M.R. - The II and III refineries, p. 361.
- Rakhimov, M.R. - The II and III refineries, p. 364.
- Rakhimov, M.R. - The II and III refineries, p. 367.
- Rakhimov, M.R. - The II and III refineries, p. 370.
- Rakhimov, M.R. - The II and III refineries, p. 373.
- Rakhimov, M.R. - The II and III refineries, p. 376.
- Rakhimov, M.R. - The II and III refineries, p. 379.
- Rakhimov, M.R. - The II and III refineries, p. 382.
- Rakhimov, M.R. - The II and III refineries, p. 385.
- Rakhimov, M.R. - The II and III refineries, p. 388.
- Rakhimov, M.R. - The II and III refineries, p. 391.
- Rakhimov, M.R. - The II and III refineries, p. 394.
- Rakhimov, M.R. - The II and III refineries, p. 397.
- Rakhimov, M.R. - The II and III refineries, p. 400.
- Rakhimov, M.R. - The II and III refineries, p. 403.
- Rakhimov, M.R. - The II and III refineries, p. 406.
- Rakhimov, M.R. - The II and III refineries, p. 409.
- Rakhimov, M.R. - The II and III refineries, p. 412.
- Rakhimov, M.R. - The II and III refineries, p. 415.
- Rakhimov, M.R. - The II and III refineries, p. 418.
- Rakhimov, M.R. - The II and III refineries, p. 421.
- Rakhimov, M.R. - The II and III refineries, p. 424.
- Rakhimov, M.R. - The II and III refineries, p. 427.
- Rakhimov, M.R. - The II and III refineries, p. 430.
- Rakhimov, M.R. - The II and III refineries, p. 433.
- Rakhimov, M.R. - The II and III refineries, p. 436.
- Rakhimov, M.R. - The II and III refineries, p. 439.
- Rakhimov, M.R. - The II and III refineries, p. 442.
- Rakhimov, M.R. - The II and III refineries, p. 445.
- Rakhimov, M.R. - The II and III refineries, p. 448.
- Rakhimov, M.R. - The II and III refineries, p. 451.
- Rakhimov, M.R. - The II and III refineries, p. 454.
- Rakhimov, M.R. - The II and III refineries, p. 457.
- Rakhimov, M.R. - The II and III refineries, p. 460.
- Rakhimov, M.R. - The II and III refineries, p. 463.
- Rakhimov, M.R. - The II and III refineries, p. 466.
- Rakhimov, M.R. - The II and III refineries, p. 469.
- Rakhimov, M.R. - The II and III refineries, p. 472.
- Rakhimov, M.R. - The II and III refineries, p. 475.
- Rakhimov, M.R. - The II and III refineries, p. 478.
- Rakhimov, M.R. - The II and III refineries, p. 481.
- Rakhimov, M.R. - The II and III refineries, p. 484.
- Rakhimov, M.R. - The II and III refineries, p. 487.
- Rakhimov, M.R. - The II and III refineries, p. 490.
- Rakhimov, M.R. - The II and III refineries, p. 493.
- Rakhimov, M.R. - The II and III refineries, p. 496.
- Rakhimov, M.R. - The II and III refineries, p. 499.
- Rakhimov, M.R. - The II and III refineries, p. 502.
- Rakhimov, M.R. - The II and III refineries, p. 505.
- Rakhimov, M.R. - The II and III refineries, p. 508.
- Rakhimov, M.R. - The II and III refineries, p. 511.
- Rakhimov, M.R. - The II and III refineries, p. 514.
- Rakhimov, M.R. - The II and III refineries, p. 517.
- Rakhimov, M.R. - The II and III refineries, p. 520.
- Rakhimov, M.R. - The II and III refineries, p. 523.
- Rakhimov, M.R. - The II and III refineries, p. 526.
- Rakhimov, M.R. - The II and III refineries, p. 529.
- Rakhimov, M.R. - The II and III refineries, p. 532.
- Rakhimov, M.R. - The II and III refineries, p. 535.
- Rakhimov, M.R. - The II and III refineries, p. 538.
- Rakhimov, M.R. - The II and III refineries, p. 541.
- Rakhimov, M.R. - The II and III refineries, p. 544.
- Rakhimov, M.R. - The II and III refineries, p. 547.
- Rakhimov, M.R. - The II and III refineries, p. 550.
- Rakhimov, M.R. - The II and III refineries, p. 553.
- Rakhimov, M.R. - The II and III refineries, p. 556.
- Rakhimov, M.R. - The II and III refineries, p. 559.
- Rakhimov, M.R. - The II and III refineries, p. 562.
- Rakhimov, M.R. - The II and III refineries, p. 565.
- Rakhimov, M.R. - The II and III refineries, p. 568.
- Rakhimov, M.R. - The II and III refineries, p. 571.
- Rakhimov, M.R. - The II and III refineries, p. 574.
- Rakhimov, M.R. - The II and III refineries, p. 577.
- Rakhimov, M.R. - The II and III refineries, p. 580.
- Rakhimov, M.R. - The II and III refineries, p. 583.
- Rakhimov, M.R. - The II and III refineries, p. 586.
- Rakhimov, M.R. - The II and III refineries, p. 589.
- Rakhimov, M.R. - The II and III refineries, p. 592.
- Rakhimov, M.R. - The II and III refineries, p. 595.
- Rakhimov, M.R. - The II and III refineries, p. 598.
- Rakhimov, M.R. - The II and III refineries, p. 601.
- Rakhimov, M.R. - The II and III refineries, p. 604.
- Rakhimov, M.R. - The II and III refineries, p. 607.
- Rakhimov, M.R. - The II and III refineries, p. 610.
- Rakhimov, M.R. - The II and III refineries, p. 613.
- Rakhimov, M.R. - The II and III refineries, p. 616.
- Rakhimov, M.R. - The II and III refineries, p. 619.
- Rakhimov, M.R. - The II and III refineries, p. 622.
- Rakhimov, M.R. - The II and III refineries, p. 625.
- Rakhimov, M.R. - The II and III refineries, p. 628.
- Rakhimov, M.R. - The II and III refineries, p. 631.
- Rakhimov, M.R. - The II and III refineries, p. 634.
- Rakhimov, M.R. - The II and III refineries, p. 637.
- Rakhimov, M.R. - The II and III refineries, p. 640.
- Rakhimov, M.R. - The II and III refineries, p. 643.
- Rakhimov, M.R. - The II and III refineries, p. 646.
- Rakhimov, M.R. - The II and III refineries, p. 649.
- Rakhimov, M.R. - The II and III refineries, p. 652.
- Rakhimov, M.R. - The II and III refineries, p. 655.
- Rakhimov, M.R. - The II and III refineries, p. 658.
- Rakhimov, M.R. - The II and III refineries, p. 661.
- Rakhimov, M.R. - The II and III refineries, p. 664.
- Rakhimov, M.R. - The II and III refineries, p. 667.
- Rakhimov, M.R. - The II and III refineries, p. 670.
- Rakhimov, M.R. - The II and III refineries, p. 673.
- Rakhimov, M.R. - The II and III refineries, p. 676.
- Rakhimov, M.R. - The II and III refineries, p. 679.
- Rakhimov, M.R. - The II and III refineries, p. 682.
- Rakhimov, M.R. - The II and III refineries, p. 685.
- Rakhimov, M.R. - The II and III refineries, p. 688.
- Rakhimov, M.R. - The II and III refineries, p. 691.
- Rakhimov, M.R. - The II and III refineries, p. 694.
- Rakhimov, M.R. - The II and III refineries, p. 697.
- Rakhimov, M.R. - The II and III refineries, p. 700.
- Rakhimov, M.R. - The II and III refineries, p. 703.
- Rakhimov, M.R. - The II and III refineries, p. 706.
- Rakhimov, M.R. - The II and III refineries, p. 709.
- Rakhimov, M.R. - The II and III refineries, p. 712.
- Rakhimov, M.R. - The II and III refineries, p. 715.
- Rakhimov, M.R. - The II and III refineries, p. 718.
- Rakhimov, M.R. - The II and III refineries, p. 721.
- Rakhimov, M.R. - The II and III refineries, p. 724.
- Rakhimov, M.R. - The II and III refineries, p. 727.
- Rakhimov, M.R. - The II and III refineries, p. 730.
- Rakhimov, M.R. - The II and III refineries, p. 733.
- Rakhimov, M.R. - The II and III refineries, p. 736.
- Rakhimov, M.R. - The II and III refineries, p. 739.
- Rakhimov, M.R. - The II and III refineries, p. 742.
- Rakhimov, M.R. - The II and III refineries, p. 745.
- Rakhimov, M.R. - The II and III refineries, p. 748.
- Rakhimov, M.R. - The II and III refineries, p. 751.
- Rakhimov, M.R. - The II and III refineries, p. 754.
- Rakhimov, M.R. - The II and III refineries, p. 757.
- Rakhimov, M.R. - The II and III refineries, p. 760.
- Rakhimov, M.R. - The II and III refineries, p. 763.
- Rakhimov, M.R. - The II and III refineries, p. 766.
- Rakhimov, M.R. - The II and III refineries, p. 769.
- Rakhimov, M.R. - The II and III refineries, p. 772.
- Rakhimov, M.R. - The II and III refineries, p. 775.
- Rakhimov, M.R. - The II and III refineries, p. 778.
- Rakhimov, M.R. - The II and III refineries, p. 781.
- Rakhimov, M.R. - The II and III refineries, p. 784.
- Rakhimov, M.R. - The II and III refineries, p. 787.
- Rakhimov, M.R. - The II and III refineries, p. 790.
- Rakhimov, M.R. - The II and III refineries, p. 793.
- Rakhimov, M.R. - The II and III refineries, p. 796.
- Rakhimov, M.R. - The II and III refineries, p. 799.
- Rakhimov, M.R. - The II and III refineries, p. 802.
- Rakhimov, M.R. - The II and III refineries, p. 805.
- Rakhimov, M.R. - The II and III refineries, p. 808.
- Rakhimov, M.R. - The II and III refineries, p. 811.
- Rakhimov, M.R. - The II and III refineries, p. 814.
- Rakhimov, M.R. - The II and III refineries, p. 817.
- Rakhimov, M.R. - The II and III refineries, p. 820.
- Rakhimov, M.R. - The II and III refineries, p. 823.
- Rakhimov, M.R. - The II and III refineries, p. 826.
- Rakhimov, M.R. - The II and III refineries, p. 829.
- Rakhimov, M.R. - The II and III refineries, p. 832.
- Rakhimov, M.R. - The II and III refineries, p. 835.
- Rakhimov, M.R. - The II and III refineries, p. 838.
- Rakhimov, M.R. - The II and III refineries, p. 841.
- Rakhimov, M.R. - The II and III refineries, p. 844.
- Rakhimov, M.R. - The II and III refineries, p. 847.
- Rakhimov, M.R. - The II and III refineries, p. 850.
- Rakhimov, M.R. - The II and III refineries, p. 853.
- Rakhimov, M.R. - The II and III refineries, p. 856.
- Rakhimov, M.R. - The II and III refineries, p. 859.
- Rakhimov, M.R. - The II and III refineries, p. 862.
- Rakhimov, M.R. - The II and III refineries, p. 865.
- Rakhimov, M.R. - The II and III refineries, p. 868.
- Rakhimov, M.R. - The II and III refineries, p. 871.
- Rakhimov, M.R. - The II and III refineries, p. 874.
- Rakhimov, M.R. - The II and III refineries, p. 877.
- Rakhimov, M.R. - The II and III refineries, p. 880.
- Rakhimov, M.R. - The II and III refineries, p. 883.
- Rakhimov, M.R. - The II and III refineries, p. 886.
- Rakhimov, M.R. - The II and III refineries, p. 889.
- Rakhimov, M.R. - The II and III refineries, p. 892.
- Rakhimov, M.R. - The II and III refineries, p. 895.
- Rakhimov, M.R. - The II and III refineries, p. 898.
- Rakhimov, M.R. - The II and III refineries, p. 901.
- Rakhimov, M.R. - The II and III refineries, p. 904.
- Rakhimov, M.R. - The II and III refineries, p. 907.
- Rakhimov, M.R. - The II and III refineries, p. 910.
- Rakhimov, M.R. - The II and III refineries, p. 913.
- Rakhimov, M.R. - The II and III refineries, p. 916.
- Rakhimov, M.R. - The II and III refineries, p. 919.
- Rakhimov, M.R. - The II and III refineries, p. 922.
- Rakhimov, M.R. - The II and III refineries, p. 925.
- Rakhimov, M.R. - The II and III refineries, p. 928.
- Rakhimov, M.R. - The II and III refineries, p. 931.
- Rakhimov, M.R. - The II and III refineries, p. 934.
- Rakhimov, M.R. - The II and III refineries, p. 937.
- Rakhimov, M.R. - The II and III refineries, p. 940.
- Rakhimov, M.R. - The II and III refineries, p. 943.
- Rakhimov, M.R. - The II and III refineries, p. 946.
- Rakhimov, M.R. - The II and III refineries, p. 949.
- Rakhimov, M.R. - The II and III refineries, p. 952.
- Rakhimov, M.R. - The II and III refineries, p. 955.
- Rakhimov, M.R. - The II and III refineries, p. 958.
- Rakhimov, M.R. - The II and III refineries, p. 961.
- Rakhimov, M.R. - The II and III refineries, p. 964.

People and events: Ahmed Hassan Baki, Abu Faras, Ghaf Al-Hajri, p. 26.
World events, p. 32.

PARTIYA TURMOSH [PARTY LIFE]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Uzbekskoi [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 7, July, 1969. [In Uzbek]

PARTIYNAIA ZHIZN' [PARTY LIFE]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 12, June 1969. Table of contents translated:
Editorial - Criticism and self-criticism are experimental methods for improving work, p. 3.
Pretzhevsk, N. - A province committee and rural district committees, p. 4.
Determining attention should be paid to raising for improving qualifications of party and state workers, p. 16.
More fertilizers for the fields, p. 20.
Dudler, N. - Achieved rates of rapid rearmament, p. 20.
Pantelashnikov, N. - Let us adopt new outputs, p. 23.
Buzakov, P. - Health to labor takes with workers' families, p. 26.
Fedorov, N. - A long-range plan for a city party organization, p. 26.
An instructor of district and province organizations, p. 36.
Vakht, V. - Instructor's work, its organization and effectiveness, p. 38.
Zhurkin, A. - Party knowledge, confidence, p. 42.
Nekrasov, I. - A city committee's party organization and the training of workers for its staff, p. 44.
"I do not want to sign my surname..." p. 46.
Benediktov, N. - A party organization attached to a cultural house, p. 47.
Teltshchikov, A. - A party group in a household formation, p. 50.
Krylovskii, A. - Educational work in a workshop, p. 52.
Moshnin, I. - Friendly with pedagogy, p. 58.
Critical remarks and communist proposals connected to reality, p. 61.
Youth training is a general objective of our party, p. 62.
Let us raise the role of the party's youth, p. 63.
Phases of the Central Committee of the Communist Party of Azerbaijan in handling workers' correspondence, p. 63.
Practice in guiding labor meetings, p. 64.
On a large-scale construction site, p. 64.
Propagandists are sharing their experience, p. 65.
Frumkin, V. - Always with people, p. 66.
From a press conference, p. 68.
Glush, V. - Resolutions of the Eighth Congress of the Communist Party of China as an actual program of the building of socialism and transformation of China into a leading industrial and agricultural country, p. 70.
Polatki, A. - The district committee and its newspaper, p. 77.
New books, p. 70.

7. LAW

RAIANSKIE PRAVO [SOVIET LAW]. Organ of Verkhovnyi Sud USSR [Supreme Court of the Ukrainian S. S. R.] and others. Kiev, no. 3, Mar. 1969.

Table of contents translated:
Shtetzer, V. - Development of Soviet jurisprudence and the problems of training lawyers, p. 3.
Prasolov, B. - Let us raise the activity of Soviet deputies, p. 9.
Maksimenko, B. - We should improve the work of the organs of local government, p. 12.
Shynkov, M., and others. - Training the personnel of local soviets, p. 14.
Kholodkovskiy, I. - Examination of protests against final judicial decisions, p. 20.
Kuvshin, B., Ibragimov, O. - Organization of the investigation of criminal offences by a group of criminal investigators, p. 23.
Mikhalskiy, O. - Tape recording in criminal investigation, p. 26.
Savitskiy, V. - General supervision, p. 28.
Danchenko, M. - Liability of the employees and managers of enterprises, agencies and organizations, p. 28.
Stepanov, H. - Stability of the relations governing labor laws, p. 34.
Pysharov, V. - Judicial examination of traffic accidents, p. 38.
Izard, M. - Enumeration based on the results of yearlong work, p. 43.
Tarashevskiy, A. - Legal protection of the social insurance of collective farmers, p. 49.
Smirnov, V. - Defense of minors in a court trial, p. 53.
Felsch, H. - Protecting the dead person's right to have a defense counsel, p. 55.
Kozlov, M. - Enhancing the role of the subjective factor in the regulation of human behavior, p. 58.

Khovskiy, D. - The problems which require a solution, p. 62.
Vasylenko, V. - Prevention of criminal offenses, p. 65.
Kuznetsov, V. - Criminal responsibility according to Article 203 of the criminal code of the Ukrainian S. S. R., p. 69.
Baryshnik, L. - The public helps to rehabilitate the convicted, p. 73.
Berkovskiy, M. - For a city where public order is maintained in an exemplary fashion, p. 74.
Karamelskiy, M., Kuznetsov, B. - The power of public opinion, p. 77.
Ilyash, P. - Give constant attention to the raising of professional skill, p. 79.
Kozak, V. - Give more attention to the exonerating of people for loss caused by embezzlement and theft, p. 80.
Nolodny, M. - System of legislative organs in the Ukraine in the early phase of Soviet rule, p. 82.
Lomako, V. - Origins of suspended sentences, p. 87.
Malyi, O. - Forty years of work in the organs of the Soviet justice, p. 91.
Kats, S. - Development of the laws which regulate supervisory proceedings in the Czechoslovak Socialist Republic, p. 93.
Decisions of the Supreme Court of the Ukrainian S. S. R., p. 98.
Public prosecutors supervise the observance of laws, p. 103.
Decisions of arbitration agencies, p. 101.
Direct legislative enactments, p. 106.
A debt with compensation, p. 109.
Mykhailo Volodymyrovych Gordin, obituary, p. 111.
Bakir Lvovych Shubin, obituary, p. 111.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sud. Vestnik [Supreme Soviet Gazette]. Moscow, nos. 30-36 4429-4434, July-Sept. 1969.

SOTSIALISTICHESKAYA ZAKONNOST' [SOCIALIST LAWFULNESS]. Organ of Prokuratura SSSR and Verkhovnyi Sud SSSR [Office of the Public Prosecution of the U. S. S. R. and the Supreme Court of the U. S. S. R.]. Moscow, no. 5, May 1969. Table of contents translated.

The struggle against crime and a strict supervision of preliminary questioning and criminal investigation by public prosecutors, p. 3.
Berkovskiy, S. - Development of the general supervisory functions of public prosecutors in the Soviet state, p. 12.
Kamenskii, F. - The first tribunal in Petrograd, p. 19.
Kamenskii, F. - One more page from "The South," p. 22.
Sverdlov, M. - Duty of the criminal investigator, p. 24.
Pravonov, L. - Honor to justice, p. 26.
In the Office of the Public Prosecutor of the U. S. S. R. and the Supreme Court of the U. S. S. R., p. 20.
In the Supreme Court of the U. S. S. R., p. 30.
Shinkev, I. - The struggle against production of low-grade, substandard, and defective goods should meet new objectives, p. 32.
Zharikov, M. - Implementation of laws on appropriation of landed property, p. 36.
Kuznetsov, B., Tsyndok, Q. - How public prosecutors supervise the observance of laws in court sentences, rulings, and decisions, p. 40.
Oikhetim, S., Babushkin, I. - Determination of premeditated murder and aggravated assault, p. 44.
Shuravov, B., Shingel, A. - These laws should be amended, p. 48.
Mikhailov, V. - How public prosecutors supervise and Soviet courts control the execution of judicial sentences, p. 50.
Savel'eva, A. - How we keep and arrange our archives, p. 51.
Taranov, A. - The rating and training of judges, p. 53.
Bartm, L. - General supervision, p. 54.
Shepchev, S., Klementskii, A. - Characteristics of procedure in the imposition of compulsory medical treatment, p. 55.
Zemskova, A., Vainkevich, E., Shvach, I. - Our legal advice, p. 58.
Zantalev, V. - Workers of the Public Prosecution Agency of the U. S. S. R. on a visit to Poland, p. 60.
Bykhovskii, I. - Fairly late about a goldfish, p. 62.
Izard, V., Riby, K. - Primitive enablers and warheads for controllers, p. 67.
Rogovin, S. - Criminals and the police, p. 76.
Follow-up of articles published in our periodical, p. 73.
In the Collegium of the Public Prosecution Agency of the R. S. F. S. R., p. 74.
In the Collegium of the Public Prosecution Agency of the Ukrainian S. S. R., p. 79.
In the Supreme Court of the Ukrainian S. S. R., p. 80.
Nikulin, E. - A methodological conference in Dushanbe, p. 80.
A conference of our readers, p. 82.
Public prosecutors supervise the observance of laws, p. 83.

Decisions of arbitration agencies, p. 87.
Legal advice, p. 88.

SOVETSKAYA JUSTITSIYA [SOVIET JUSTICE]. Issued by Ministerstvo Iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R. S. F. S. R.]. Moscow, no. 1, Feb. 1969. Table of contents translated.

More attention to raising the qualifications of judicial personnel, p. 1.
Geller, V. - Research by bourgeois studies on K. Marx's theory and the critics of K. Marx, p. 7.
Court cases concerning the liability of workers and employers, p. 5.
Court justice in alimony and support cases, p. 6.
Abova, T. - Ensuring a strict observance of laws in the managerial operations of industrial enterprises, p. 10.
Maznev, I. U. - Criminalistic characteristics of the circumstances which reveal the personality of the accused, p. 12.
Koltun, R. - We should better organize the practical training of people's judges, p. 14.
Pallakov, I. - The problem of dwelling quarters, p. 18.
Berkovskiy, M., Kuznetsov, A. - For the effective results of release on parole, p. 17.
Melenchuk, M., Tumanov, G. - For a correct determination of the type of the corrected labor colony, p. 18.
Shchegolev, L. - Judicial efforts ensure success, p. 20.
We should amend the rules governing the transfer of minors from correctional labor colonies, p. 21.
Kupchuk, V. - Who is right after all? p. 22.
Sedukhin, P., Travkin, A. - Fault of the creditor and injured party as a factor in the determination of liability obligations, p. 24.
Maron, I. A. - Soldier, judge, and scholar, p. 26.
Maron, I. A. - A "vicious circle" idealization, p. 26.
Ilyinskaya, V. - Forensic psychiatric examination of minors in the criminal procedure of European socialist countries, p. 30.
Answering our readers' questions, p. 32.
Decisions of arbitration agencies, p. 32.

No. 11, June 1969.

Table of contents translated:
An important indicator of well-organized court work, p. 1.
Vilenskii, M. - Contractual relations in the cooperative construction of residential buildings, p. 3.
Luznitskaya, A. - Liability of the persons guilty of illicitly conduct, p. 5.
Gurevskiy, A. - Determination of penalty imposed by criminal sentences, p. 7.
Borner, A. - Court practice in cases concerning the establishment of legal facts, p. 9.
Serkovskiy, G. - We should try to exactly determine the amount of loss in cases concerning the pilfering of socialist property, p. 11.
Klimanov, I. U. - Let us unrelentingly supervise the execution of judicial decisions, p. 14.
Kozlov, V. - We should legislatively establish the definite number of serious and especially serious crimes, p. 15.
Gell'ner, V. - Presentation of evidence and the functions of defense counsels, p. 17.
Vasil'ev, I. U. - The private person's right of joint ownership by states, p. 19.
Kholodkovskiy, A. - Procedure in the receipt of imported food products, p. 21.
Khan-Khannovskiy, D., Vellirko, A. - The use of calculating machines and mathematical methods in the sociological study of legal problems, p. 22.
Kobov, A. - Again on duty, p. 24.
Berkovskiy, A. - All-Union seminar and conference of lecturers in legal problems, p. 25.
Visiting the lawyers of Yugoslavia, p. 27.
Answering our readers' questions, p. 32.

8. EDUCATION

a. GENERAL

DOSHIL'NE VYKHOVANNIA [PRE-SCHOOL EDUCATION]. Organ of Ministerstvo osvity BSSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 20, nos. 6-7, June-July 1969.

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury i spetsializirovannogo obrazovaniia [Ministry of Culture of the R. S. F. S. R.]. Moscow, vol. 20, no. 7, July 1969.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo osvity BSSR [Ministry of Education of the White Russian S. S. R.]. Minsk, nos. 6-8, June-Aug. 1969.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Vestnik [Ministry of Higher and Secondary Specialized Education. Bulletin]. Moscow, nos. 10-12, Oct.-Dec. 1967, nos. 1-7, Jan.-July 1968.

8. PHYSICAL EDUCATION & GAMES

FIZICHESKAYA KULTURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 7, 1965.

FIZKULTURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Tsentral'nyi Sovet Soluz sportivnykh i ustoychivyykh organizatsiy SSSR [Central Council of the Union of Sports Association and Organizations of the U. S. S. R.]. Moscow, no. 7, 1965.

TEORIYA I PRAKTIKA FIZICHESKOY KULTURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Tsentral'nyi Sovet Soluz sportivnykh i ustoychivyykh organizatsiy SSSR [Central Council of the U. S. S. R.]. Moscow, vol. 31, no. 4, Apr. 1964.

Table of contents translated:

- Demeter, G. S. - V. I. Lenin on the role of physical training and the moral education of the Soviet people. p. 2
- Starovoltov, Z. A. - What N. I. Pankovskiy's archives show us. p. 5
- Pusechay, P. S. - Objectives of trade unions in the development of physical training and sports. p. 7
- Dusakov, D. D. - Principles of movements in the biomechanics of sports. p. 11
- Tikhonov, R. A. - Paralympic systems in the biomechanical analysis of sports techniques. p. 14
- Ukrain, M. L., Znosko, E. A. - Dyeing the training loads of gymnasts. p. 17
- Pelutina, O. V. - Experience in the development of regular movements in young police fighters. p. 20
- Dizhlov, A. M. - Using the simulation method for the development of a feeling of space in gymnast movements. p. 21
- Emel'chuk, I. F. - The use of instant information in race rowing. p. 24
- Romanov, A. V. - Instruction and training of mountain climbers in movement over the ice on shoes studied with spikes. p. 26
- Volker, E. I., Gordon, S. M., Shtukels, R. A. - Studies in the physiology of swimming. p. 29
- Temkin, I. B. - Changes in skin temperature caused by sport games. p. 33
- Chepuk, V. D., Mikhlin, A. M., Averkovich, N. V. - Experience in programmed controlling the rate of cardiac constrictions in muscular work. p. 36
- Stolyar, V. V. - The highest aerobic activity in the most experienced bicycle racers. p. 38
- Motylarskaya, R. E. - Some problems concerning the medical and physiological methods of selection for sports schools for children and young people. p. 40
- Kuznetsov, V. G. - Promoting the sport activities of schoolchildren. p. 45
- Tokarev, M. I. - Results of art objectives for the development of physical training in rural areas. p. 48
- Gorchakov, A. M. - How the individual characteristics of the examined affect the results of physical recreation. p. 51
- Demeter, G. S. - Gymnastic exercises of workers in the USSR. p. 55
- Kotov, I. I. - The role of physical training and sport activities in raising the efficiency of workers. p. 58
- Kuznetsov, V. V. - Special faculties of speed and muscle strength and their development. p. 58
- Bulcnko, D. L. - Ways to develop the athlete's speed. p. 62
- Obysov, A. S., Pionerova, A. P. - Mechanical parameters which show the strength of the Achilles tendon. p. 68
- Sancton, G. G., Dushkov, U. A. - A rational 24-hour schedule of work and recreation. p. 69
- In foreign countries. p. 72
- Brief news. p. 77

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

NOVYNY KINOKRANU [CINEMA NEWS]. Kiev, nos. 6-7 (83-84), June-July 1968.

TEKHNIKA KINO I TELEVIDENIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Gosudarstvennyy komitet Svieta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, vol. 12, no. 4, Apr. 1968.

Table of contents translated:

- Komar, V. G. - Graininess of the image in cinematography. p. 3
- Vasil'ev, V. V., Okunechikov, V. V., Verzhovets, S. A. - Black-and-white reversible films of medium sensitivity. p. 10

- Isaev, I. M. - Verification of linear meters by a laser method. p. 13
- Shatekova, A. R. - Method for the determination and establishment of the optimum basis in cinematographic cinematography. p. 20
- Gass, L. M., Terlo, H. I., Shmugla, S. M. - Selecting materials for pressure elements in the film gate of film projectors. p. 23
- Sprinkov, T. A., Chernov, V. G., Anashkin, A. A. - Methods for the determination of the probability of a network of motion-picture features. p. 26
- Alfandiev, A. K., Ivanov, V. A. - Automatic optical focusing of a television camera. p. 33
- Smirnov, M. S., Tashkharov, Sh. Z. - Effect of the videocontrolling condition on its resolving capacity. p. 36
- Derzhin, R. G., Kuznetsov, A. K. - Admissible color scatter of reference white. p. 41
- Lerberman, V. L., Tsikheemas, I. L. - Spatial image illumination on a superintention target. p. 51
- Koncel, Jerry. - Television film scanner with pneumatic intermittent mechanism. p. 58
- Karhennich, A. N. - Experience in the practical use of the lagging signal method. p. 63
- Timofeev, V. L. - Modernization of the EKA-M apparatus. p. 64
- Dorobeev, A. M. - Electronic correlator for the PTS camera channels. p. 64
- Krupnikov, L. K., Ovechkin, N. S. - Modern oscillometers and equipment for the development of cinematography. p. 70
- On the Board of Cinematography. p. 90
- Conference of the study group III (television) of the "Technological Commission of the International Radio and Television Organization of color television. p. 61
- Improving the quality of motion-picture projection in motion-picture theaters. p. 93
- Gleb Fedorovich Gusevich; obituary. p. 94
- Mikhail Andreevich Gontsarevich; obituary. p. 94

b. MUSIC

MUZYKAUNAYA ZHIZN' [MUSICAL LIFE]. Organ of Soluz kompozitorov SSSR and Ministerstvo kultury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.]. Moscow, vol. 13, no. 14-15 (256-257) July-Aug. 1968.

c. THEATER

KLUB I KUDUZHISTVENNAYA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoyuznyi Tsentralfund Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 16, nos. 13-15 (250-261), July-Aug. 1968.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodiy gvarant" ["Young Guard"]. Moscow, no. 4 (48), 1968.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow vol. 12, no. 7 (128), 1968.

KUDUZHNIK [ARTIST]. Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R. S. F. S. R.]. Moscow, vol. 10, no. 7, 1968.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 3, May-June 1968.

MOSCOW, MOSKOVSKIY GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT INOSTRANNYKH IAZYKOV. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE OF FOREIGN LANGUAGES. Studies]. Vol. 37, 1967.

Table of contents translated:

- Anashkin, G. M. - Typology of semantic fields; typology of semantic processes. p. 3
- Barmine, L. I. - Words of category in modern English. p. 18
- Volodarsky, N. O. - Structural and morphological characteristics of synonymy in various parts of speech; based on materials of the English language. p. 27
- Garschina, E. I. - Imperative mood in modern French; the problem of exhortative sentences. p. 43

Glagolev, N. V. - Linguistic basis of economy and redundancy in the syntax of the spoken language based on the materials of the German language. p. 50

Gushin, A. V. - Systematic character of terminological phonology of the English language. p. 17

Ezhev, Kh. Kh. - Polysemantism of phonetic symbols; based on materials of modern German. p. 20

Ivanov, D. N. - Problem of the typological analysis of texts. p. 121

Kamenskaya, I. S. - Subjectless passive construction in modern German. p. 130

Kamenskaya, O. I. - Some problems of synonymy. p. 102

Korobova, M. S. - Assimilation of German loan words in the English language. p. 173

Liova, A. I. - Ways of beginning the morphological in the German language. p. 181

Malurin, A. P. - Problem of the essence of lexical loan words. p. 202

Mitina, R. M. - Semantics of the verb "to be" and "to have." p. 214

Portantsev, V. A. - Basic models of interrogative sentences and their variants in modern German. p. 224

Rukosh, K. Kh. - On methods of analysis of the construction "two parallel passives." p. 216

Podinov, S. N. - Analysis of verbal lexicon and semantic fields of words designating motion. p. 250

Rafikov, A. I. - Structure of verbal formation in the meaning of opening and closing in the German language. p. 275

Safkova, V. L. - Problem of contextual synonymy; based on materials of modern German. p. 247

Safkova, D. A. - Delineation of syntactic synonymy. p. 304

Sil'nikov, A. N. - Translatability and transliterability in the light of modern linguistic theories. p. 325

Troshina, L. G. - Determination of linguistic features of the components of inflection based on materials of the French language. p. 344

Khalilova, L. M. - Study of the productivity of word formation models; based on materials of verbal prefixed formation of modern English. p. 305

Khametova, V. A. - The functional plan of cognitives in modern English. p. 304

Berezin, F. M. - Creative path and early period of work of F. P. Vorobeyev. p. 402

Blukhina, L. P., Alekseyeva, D. K. - Finding a plan invariant at the semantic level. p. 420

b. LITERATURE & FOLKLORE

ALA-TOO: literature i khudozhestvennyy folklor. In no-publikatsionnyy zhurnal [ALA-TOO: Literature and Folklore]. Organ of Soluz pisatelei Kirgizii and Ministerstvo kultury Kirgizskoy SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S. S. R.]. Frunze, vol. 32, nos. 5-6, May-June 1968. [In Kirgiz]

ASHKIBAD: literature i khudozhestvennyy folklor. In no-publikatsionnyy zhurnal [ASHKIBAD: Literature and Folklore]. Organ of Soluz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol. 6, no. 2, Mar-Apr. 1968.

AZARDAJAN [AZERDAJAN]. Organ of Soluz pisatelei Azerbaidzhan [Association of Writers of Azerbaijan]. Baku, nos. 6-8, May-June 1968.

BARKA. Organ of Soluz pisatelei Barmatinskoy SSR [Association of Writers of the Barmatinskoy S. S. R.]. Barmatinskoy, vol. 3, May-June 1968.

DETSKAYA LITERATURA [CHILDREN'S LITERATURE]. Issued by Komitet po pechaty pri Sovete Ministrov RSFSR and Soluz pisatelei RSFSR [Committee for Printing, Attached to the Council of Ministers of the R. S. F. S. R., and the Association of Writers of the R. S. F. S. R.]. Moscow, vol. 3, nos. 6-7, 1968.

DIA [MORNING]. Issued by Tsentral'nyi komitet Leninskogo komunisticheskogo soluz molodezhi i mladykh i Respublikanskii sovetskii organizatsii tonykh pismen. V. I. Lenin [Central Committee of the Young Communist Youth League of Georgia and the V. I. Lenin Council of Lenin Pioneers]. Tbilisi, nos. 3, 4, 1968. [In Georgian]

DNIPRO [DNEPER]. Organ of Tsentral'nyi komitet Leninskogo komunisticheskogo soluz molodezhi i mladykh i Respublikanskii sovetskii organizatsii tonykh pismen. V. I. Lenin [Central Committee of the Young Communist Youth League of the Ukraine]. Kiev, vol. 42, nos. 7-8, July-Aug. 1968.

DON. Organ of Soluz pisatelei RSFSR and Rostovskoy oblasti Soluz pisatelei [Association of Writers of the R. S. F. S. R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 12, nos. 7-8, July-Aug. 1968.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatel' SSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 30, no. 7, 1968.

GULISTON [ROSE GARDEN]. Issued by Soluz pisatel' Tadzhikistana [Association of Writers of Tajikistan]. Dushanbe, no. 4(10), Apr. 1968.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soluz pisatel' SSR [Association of Writers of the U. S. S. R.]. Moscow, no. 11, Aug. 1968.

KNOTEGI SILIS [STAR OF THE NORTH]. Yakutsk, no. 3, 1968.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the U. S. S. R.]. Moscow, no. 1, July-Aug. 1968.

LITERATURNAYA ARMENIYA [LITERARY ARMENIA]. Organ of Partnerts Soluz pisatel' Armenii [Association of the Association of Writers of Armenia]. Yerevan, vol. 10, no. 5, May 1968.

LITERATURNAYA GRUZIYA [LITERARY GEORGIA]. Organ of Soluz pisatel' Gruzii [Association of Writers of Georgia]. Tbilisi, vol. 12, nos. 7-8, July-Aug. 1968.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIDZHAN]. Organ of Soluz pisatel' Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 26, no. 6-7, June-July 1968.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGIZSTAN]. Organ of Soluz pisatel' Kirgizii [Association of Writers of Kirgizia]. Frunze, vol. 14, nos. 3, May-June 1968.

MOLODAYA GYAHNIA; Literaturno-khudozhestvennyi i chislennyye policheskii zhurnal [YOUNG GYAHNIA; Literary and Sociopolitical Magazine]. Issued by Tsentralnyi knizhnyi Vsesoyuznyi Lebnitskaya kum-mendatsionnaya shkola molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 9-8, June-Aug. 1968.

MOSKVA [MOSCOW]. Organ of Soluz pisatel' RSFSR and Moskovskoe khudozhestvennoye soluz pisatel' RSFSR [Association of Writers of the U. S. S. R. and the Moscow Branch of the Association of Writers of the U. S. S. R.]. Moscow, vol. 13, nos. 7-8, 1968.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soluz pisatel' RSFSR [Association of Writers of the U. S. S. R.]. Moscow, nos. 7-8, July-Aug. 1968.

NEMAN [NEMAN RIVER]. Organ of Soluz pisatel' SSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 17, no. 8, Aug. 1968.

NEVA. Organ of Soluz pisatel' RSFSR and Leningradskoe khudozhestvennoye soluz pisatel' RSFSR [Association of Writers of the U. S. S. R. and the Leningrad Branch of the Association of Writers of the U. S. S. R.]. Leningrad, no. 6, 1968.

NISTHU [ONESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S. S. R. Kishinev, vol. 37, nos. 7-8, 1968. [In Moldavian].

POLJARNAYA ZVEZDA [THE NORTH STAR]. Organ of Soluz sovetskikh pisatel' Islandii [Association of Writers of Yakutia]. Yakutsk, no. 4, July-Aug. 1968.

POLYAMIA [PLATINE]. Organ of Soluz pisatel' belorusskikh RSFSR [Association of Writers of the White Russian S. S. R.]. Minsk, no. 4(71), July 1968.

PRAPOR; Literaturno-khudozhestvenno-policheskii zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Svitka pisatel'nykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 6, 1968.

PROSTOR [WIDE-OPEN SPACES]. Issued by Soluz pisatel' Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, nos. 7-8, July-Aug. 1968.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

NARODNA TVORCHIST' TA ETNOGRAFIYA [FOLK ART AND ETHNOGRAPHY]. Issued by Instytut myslivstva i zhuvlia, Iol'khuia i etnografii Akademii nauk URSR and Ministerstvo kul'tury Ukrainy RSU [Institute of Fine Arts, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S. S. R. and the Ministry of Culture of the Ukrainian S. S. R.]. Kiev, no. 1, Jan.-Feb. 1968.

Table of contents translated:
Dalyk-Sivers'kyi, Borys. - Portrait of Soviet soldiers in roman script. p. 3.
Danylo, Kost'. - "La Marcelline" in the Ukraine, p. 10.

Hyryla, Sofia. - Present-day studies in the field of Slavic musical folklore. p. 16.
Brodnyk, Vihodnyk. - Prehistory has origin of rites. p. 24.

Nad'ia, Hyryla. - Karantan songs and dany in Yugoslavia. p. 30.

Turynskiy, Iurii. - Songs about the army of Hecataea. p. 40.

Dulakov, Boris. - Toward Berlin with a bandura. p. 44.

Ivanenko, Vitalii. - Legends expressed in colors. p. 46.

Smol'skyt, Hyryla. - Needlework of Kozach. p. 50.

Bel. Olshak. - Iurii Fed'kovych's and Ivan Franko's favorite song. p. 53.

Klymovych, Iliia. - Through places of the pottery industry. p. 55.

Kravets', Ivan. - At a public exhibition. p. 57.

Lepozanski, Boleslaw. - Ethnographic museums in Poland. p. 63.

Kozynchuk, Stepan. - Serhiy Vasylykivskyi. p. 66.

New records of folkloric materials. p. 70.

Telshin, Dmytro. - Recently found works of ancient sculpture in the Ukraine. p. 72.

Kudach, Hyryla. - Prospects for the organization of open-air museums. p. 75.

Homenko, Anshin. - Collection of folk music instruments. p. 77.

"Kudach", a wedding dance of Poltava Province. p. 80.

New national ensembles of amateur art. p. 101.

Tsarevich, Fridt. - A conference of scholars. p. 101.

Hrestyn'ska, Tamara. - A high mound. p. 102.

Dudyn. Anna. - Ukrainian pottery of the last 50 years. p. 102.

Kirko, Anshin. - An expedition to Starchet'sk District. p. 103.

Mamont, Vira. - Scientific sessions in a museum. p. 104.

M. I. - General meeting of the Academy of Sciences of the Ukrainian S. S. R. p. 104.

Stepin, Mykhailo. - Exhibition of Ivan Bortnyk's works. p. 105.

Babii, Viktor. - Two hundred settled craftsmen from a village. p. 106.

Tkachenko, Iliia. - First steps of collectors of folkloric materials. p. 106.

Zheptynskyi, Bohdan. - The bandura of Stepan Toporov's a soldier in the Regiment of the Red Cossacks. p. 106.

Chuchot, Mykhailo. - The archives of Pavlo Halykav. p. 109.

Akymenko, Fedir. - Before it's too late to restore them. p. 110.

SOVETSKAYA ETNOGRAFIYA [SOVIET ETHNOGRAPHY].

Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, Mar.-Apr. 1968.

Table of contents translated:

Kryukov, I. A. - Marx and some ethnographical problems on the 150th anniversary of K. Marx's birth. p. 3.

Arakimov, B. V. - Economic and cultural types and the historical process. p. 22.

Aleksandr, V. P., Bionol, I. V. - Studying the role of the migration of peoples in the formation of new ethnic societies. p. 35.

Kolosova, I. A. - Special aspects of the urbanization of the Negro population in the U. S. A. p. 40.

Iapez-Valdez, R. - The Hindus in Cuba. p. 56.

Voronev, A. A. - Ethnogeography of kaptoglobin, the serum protein of the blood. p. 68.

Kislakov, N. A. - Appendix of M. V. Krjukov's article "Correlation between the tribal and patronymic (clanish) organizations. p. 67.

Dolinov, N. A. - A rural commune, a family, and a tribe. p. 61.

Lipinskaya, V. A. - Some characteristics of the present-day material culture of the Russian population in the Altai Territory. p. 96.

Rusakov, Kh. - Origin of the Oguzdzhali Turkmen. p. 100.

Laksaitis, J. - Double lines imposed for offense against women in Lithuanian law. p. 114.

Lisov, P. V. - Present-day characteristics of folkloric traditions in Transcarpathia. p. 121.

Van Stone, J. W., Oswall, W. H. - Russian heritage in Alaska; prospects for its ethnographical study. p. 128.

Bestuzhev-Lada, I. V. - Human naos in the past, present, and future; historical trends in the development of personal human names and the formation of present-day anthroponymic zones. p. 132.

Gromov, I. A. - UNESCO and the struggle against racism. p. 144.

Declaration about the race problem and racial prejudices (UNESCO, Paris, September 26, 1967). p. 149.

Pulliov, B. N. - The 16th Congress of Yugoslav Folklorists. p. 152.

Amirakova, I. P. - American Indian pavilion at EXPO-67. p. 154.

Rotakidze, A. I. - New studies on the history of social organization among Armenians. p. 157.

New literature on the peoples of the Ukraine, White Russia, and Moldavia. p. 164.

b. GEOGRAPHY

GEOGRAFIYA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the U. S. S. R.]. Moscow, no. 1, July-Aug. 1968.

MAGADAN VSESOBYUZYV NAUCHNO-ISSLEDOVATELSKIY INSTITUT ZOLOTA I REZKIKH METALLOV. Trudy, Merzlotn'edenie [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF GOLD AND RARE METALS Transactions. Permafrost Studies]. No. 25, (p. 2), 1968.

Table of contents translated:
Fedorov, V. N. - Mechanical and thermophysical characteristics of permanently frozen pebble and mud grounds. p. 3.

Prilutskiy, A. I. - Study of the use of foam plastics for the protection of grounds from seasonal freezing. p. 43.

Namuyev, A. I., Ushakov, V. M. - Oscillation of thawing of grounds by polymeric film. p. 63.

Chislovskiy, S. D., Serchenikova, L. I., Shchepa, G. L. - Calculation of needle muzzle thawing by electric digital computers. p. 77.

Shtukli, H. V. - Modeling processes of chloride leaching. p. 101.

Molich, L. T. - Practice in exploitation of artificial reserves of water under frozen ground. p. 121.

Zil'berk, F. V. - Analysis of the formation and calculation of the rain runoff in the Far Northeast of the U. S. S. R. p. 139.

OKEANOLOGIYA [OCEANOLOGY]. Issued by Okeanograficheskaya komissiya Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 8, no. 2, Mar.-Apr. 1968.

Table of contents translated:

Sokolov, M. M. - Relationship between trophic groupings of deep-sea macrobenthos and the composition of bottom sediments. p. 171.

Solov'ev, E. V. - Variability of oceanographic conditions in some regions of the Southern Hemisphere. p. 192.

Chislovskiy, S. D. - Calculation of tidal currents in the coastal zone. p. 198.

Sukhodolov, V. F., Melnikov, A. P. - Deep-sea water exchange between the Caribbean Sea and the Atlantic Ocean. p. 203.

Prival'skiy, V. E. - Forced oscillations of the level of the Baltic Sea. p. 210.

Muraviev, N. P. - Density of rare alkali elements in the oceans and seas. p. 216.

Sopinkov, D. A., Romanenko, N. N., Sokolova, M. V. - Organic carbon in the waters of the Norwegian Sea and of the northeastern part of the Atlantic Ocean. p. 225.

Volovoy, V. I., Gullayev, P. V., Seleznev, V. A. - New data on sound reflection from the bottom of the Indian Ocean. p. 235.

Olenchuk, V. V. - Crustal structure of the northern part of the Atlantic Ocean based on seismic data. p. 245.

Nedredov, V. S., and others. - Relief and history of the formation of the southern coastal zone of the Kola Peninsula in the Holocene. p. 257.

Kabanov, I. G. - Primary prohibition of the northern part of the Indian Ocean. p. 270.

Il'mova, E. I. - Species of the vertical distribution of algae in Penzhina Bay (Olenok Sea). p. 279.

Gel'mikh, A. K. - Seasonal phenomena in the plankton of the northeastern part of the Pacific Ocean. p. 287.

Ponomarev, L. A. - Some data on the quantitative distribution of zooplankton in the Red Sea based on observations in May-June, 1968. p. 297.

Krylov, V. V. - Association of species as applied to plankton. p. 301.

Pasternak, F. A. - Study of the bottom fauna of maximum depths in the Romanche Deep made from the research vessel "Akademik Kurchatov." p. 312.

Karabasheva, E. I., Ochakovskiy, I. U., Rutkovskaya, V. A. - Some results of the comparison of different measuring methods and calculations of radiant energy in the sea. p. 317.

Voevodina, V. A., Mironov, L. V. - Determination of the thickness of drift ice by stereophotogrammetric processing of aerophotographs. p. 327.

Liakhin, R. I. - Graphic method for the determination of the salination of ocean waters with calcium carbonate. p. 338.

Patrichev, V. V., Orlova, G. A. - New method for the marking and quantitative calculation of marked sands and silts in bottom sediment samples. p. 341.

Rzheplitskiy, I. K., Kuznetsova, I. A., Vlasov, P. A. - Device for mixing water in experimental vessels. p. 347.

Opdyke, J. B. - Method for manufacturing marked sands having short time luminescence for repeated experiments on sand drifts. p. 350.

- Beas, A. A., Silin, A. A. - Geochemical characteristics of the distribution of tantalum in granulites, p. 579.
- Golova, G. A., Bykova, E. L., Virob'eva, I. E. - Distribution and migration forms of copper in underground waters, p. 588.
- Khalov, K. M. - Organic macromolecules dissolved in seawater, p. 555.
- Nachem, B. M., Efimov, I. A. - Trace of the differentiation of the primary matter of the earth's mantle and the origin of eclogites based on data of the isobaric composition of lead, p. 604.
- Subbata, M. I., Sandomukov, N. M. - Genesis of gas consisting of nitrogen, carbon monoxide, and hydrogen in some intermontane depressions of the northern Tien Shan, p. 612.
- Pon'kov, I. N., and others. - Study of phosphorites using the method of nuclear magnetic resonance (NMR), p. 618.
- Kudik, A. A., Khairun, N. I., Lebedev, E. B. - Solubility of water in the melt of the system diopside-ferrosilite - anorthite at 1400°C and high pressures, p. 625.
- Kositskaya, E. V., Muredivnaya, V. I. - Distribution of fluorine in granulite minerals of the Dzibda complex (western Transbaikalia), p. 627.
- Bostanovskiy, G. P. - Solution of gadolinium in the presence of nitric acids (experimental studies), p. 631.
- Kamensky, I. E. - Determination of the Al-Si orderliness in potassium feldspar, p. 637.
- Bulavtsov, N. V., Korshakov, V. A. - Mercury in igneous rocks of the Dnieper Basin, p. 640.
- Summaries of the principal articles in "Geokhimiya i Cosmochemia Arta," vol. 31, no. 11, 1987, p. 645.
- Leningrad. Vsesoyuznyi Geologicheskii Institut. Trudy [All-Union Geological Institute. Transactions]. Vol. 133, 1986. Characteristics of the distribution of endogenic deposits in the U.S.S.R.; Kazakhstan, Gorny Altai, Sayan, Tura, Transbaikalia. Table of contents translated:
- Ken, A. N., Litvin, V. V. - Endogenic deposits of the Altai-Sayan fold area and characteristics of their distribution, p. 5.
- Rudakov, D. V., and others. - Characteristics of the distribution of rare metal deposits in central Kazakhstan, p. 44.
- Rudakov, D. V., Litvinenko, V. K., Turchanov, H. N. - Characteristics of the distribution of ores and sulfide-quartz veins in the Naryn-Taldousky deposit of central Kazakhstan, p. 83.
- Nikolskaya, Zh. D. - Characteristics of the refraction of rare metal deposits in the Gorny Altai in industries, p. 112.
- Vasil'yevskiy, M. M., Turchanov, M. V. - Isolation of Paleozoic volcanic-rhyolite formation in central Kazakhstan, p. 120.
- Isanova, A. A. - Some characteristics of the formation and distribution of fluorite deposits and prospects for finding them in eastern Transbaikalia, p. 146.
- Gavrilov, S. I. - Tectonic characteristics of the distribution of gold mineralization in the Upper Indigirka ore region, p. 163.
- Nezhinskii, I. A. - Characteristics of geology and regularities of the distribution of fluorite, bertrandite-type beryllium deposits, p. 175.
- Dubov, V. E. - Genetic types and regularities of the distribution of iron ore deposits in the western part of the Gorny Altai, p. 187.
- Vol. 135, 1987.
- Table of contents translated:
- Krikov, D. A. - Main systems of subsurface faults of mobile areas of the eastern part of the U.S.S.R. and their role as magma controlling structures, p. 5.
- Pavlova, V. V. - Tectonic conditions of the formation of Mesozoic intrusions in the Siltka-Olekma interflow, p. 43.
- Isavilov, S. I. - Age and relations of gold and rare metal mineralization to some Mesozoic granulites in the Upper Indigirka ore zone, p. 74.
- Mironuk, E. P. - Mesozoic history of the development of the central part of the Uchar Valley (Altai-Said), p. 88.
- Silin, D. M. - Some characteristics of the formation of Late Mesozoic depressions in western Transbaikalia, p. 103.
- Rudnik, V. A. - Early Precambrian granulization and its relation to the tectonic development of the Aldan Shield, p. 113.
- Vol. 142, 1988. Materials on the content and distribution of radioactive elements in rocks.
- Table of contents translated:
- Abramovich, I. I., Sayelov, A. A. - Radiogeochronological study of rocks in the Soviet Union, p. 4.
- Kuznetsov, A. G. - Method for the quantitative determination of small concentrations of thorium on the basis of scintillation and luminescence analysis, p. 17.
- Kaziyev, I. U. V., Sochovany, N. N. - Uranium in minerals of some igneous rock complexes of Transbaikalia, p. 26.
- Zhdanova, V. V., Gorbunova, L. M. - Content of uranium in ultrabasic in the western part of the Kola Peninsula, p. 36.
- Abramovich, I. I. - Radiogeochronological characteristics of granulite complexes of the western slope of the Eastern Sayan, p. 50.
- Bilibina, T. V., Titov, V. K. - Uranium and thorium in feldspar rocks of the Siberian Platform, p. 56.
- Steklov, S. E. - Behavior of radioactive elements in the volcanic process, p. 75.
- Kochkin, G. H. - Some geochemical characteristics of Precambrian volcanic sediments in the northern part of the Yenisey Range, p. 85.
- Abramovich, I. I., and others. - Geochemistry of Middle Proterozoic of effusive and hypabyssal intrusive rocks of the Altai and Baikal Ranges (Baikal mountain area), p. 97.
- Vodob'ev, V. P., Grushov, G. V., Onoshko, I. S. - Paragenesis of uranium and selenium in variegated Mesozoic and Cenozoic sediments, p. 114.
- Pavlov, M. G., Shor, G. M., Barkov, I. U. K. - Some characteristics of the distribution of uranium and other elements in Cenozoic sediments of the Southern Urals, p. 122.
- Hickell, H. V., Khrustalev, V. E. - Thorium to uranium ratios as a possible indicator of conditions governing the formation of sediments, as revealed by a study made in the Jivet stage of the South African Karoo, p. 120.
- Sapozhnikov, G. N., Kozlovskaya, A. G. - Some characteristics of the distribution of radioactive elements in Late Precambrian sediments in the Angara Valley (northern Yenisey Range), p. 131.
- Barkov, I. U. K., Titov, V. K. - Some geochemical characteristics of Late Precambrian sedimentary formations of the Bezenchik Trough and regions in the east of it, p. 142.
- MOSCOW. UNIVERSITET. Vestnik. Seriya 4: Geologiya [UNIVERSITY. Review. Series 4: Geology]. Vol. 23, no. 2, Nov.-Apr. 1988.
- Table of contents translated:
- Lange, O. K., V. V. Dobryakov and the present-day concept on the zonality of ground waters, p. 5.
- Petrova, K. E. - Characteristics of the formation of the chemical composition of underground waters, p. 14.
- Kudikov, H. L., Karpova, V. P. - Effect of karst on characteristics of the formation of underground flow, p. 19.
- Praklin, A. I. - Hydrogeochronological studies in hydrogeological surveying, p. 25.
- Pashkavskiy, I. S., Stetsakov, V. M. - Principles of hydrogeological systematization as a basis for filtration calculations on massive of trilemma, p. 36.
- Kozlovskiy, W., Goryshchik, H. - Structural series zones in the Paleozoic in northern and eastern Baikal, p. 44.
- Levinskii, E. S., and others. - Karstophorization of the northern part of the Lake Balkhash region (on the literature of the Siberian and Baikal), p. 62.
- Volkovskaya, E. M., Rybakova, N. O., Strelnikova, T. V. - Structure of Paleozoic sediments of the Subarctic Depression (Transbaikalia), p. 75.
- Kutovskiy, E. N. - Possibility of using the probability theory for the solution of some problems in engineering geology, p. 85.
- Timofeev, F. M. - Engineering-geological characteristics of karst phenomena in the region of the Dni Vych. hydroelectric development, p. 90.
- Tikhonov, T. I., Tsareva, L. P., Abramkhametov, H. M. - Chemical composition of sulfidogenic iron precipitates of Transbaikalia, p. 94.
- Isanbayev, K. A. - Chert horizon in Akhazya, p. 96.
- Ribakov, B. V., Buzhikov, G. V. - Use of the decrepitation method for the study of sulfide minerals of talusite deposits in the Southern Urals, p. 98.
- Isupov, V. I. - Bottom sediments of the middle and southern part of the Caspian Sea region, p. 101.
- Somnaya, S. G. - Frequency dispersion of electric properties of rocks, p. 103.
- Vasil'yev, R. I. A. - Method of the calculation of the depth of lower limit of magnetized masses, p. 105.
- McFinkova, K. P. - First International Symposium on the History of Geology, p. 109.
- MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Bulletin [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 72. Old geologicheskii [Geological Section]. Moscow, vol. 42, no. 8, Nov.-Dec. 1987.
- Table of contents translated:
- Zharavlev, V. S., Zarkh, V. P., Kushnareva, T. I. - Stratigraphic position and conditions governing the formation of the Pre-Silurian sedimentary cover of the Pechora Depression, p. 5.
- Martynova, M. V. - New data on the boundary of the Devonian and Carboniferous in the Sarysu-Tengiz watershed, p. 16.
- Rash, V. A., Dmitriyev, V. K., Il'ina, T. G. - Marine Permian sediments in eastern Kazakhstan, p. 23.
- Bukharov, Z. E., and others. - Carboniferous and Lower Permian sediments in the eastern marginal part of the Caspian Lowland, p. 32.
- Avanesian, M. T., Barash, B. I. - New data on the subsurface structure of the Karakul Trough (western Dzhirgatal), p. 41.
- Lapkin, I. U. - Geological development of the southern part of the Caspian in the Early Permian, p. 48.
- Nevskaya, L. A. - Some new data on the conditions governing the formation of Middle Permian Congerite layers in Moldavia, p. 72.
- Kiselev, A. I., Silykovskiy, A. A. - Scheme of the Mesozoic tectonics of the western Transbaikalian volcanic belt, p. 76.
- Mirchuk, S. G. - Gold-bearing placers in central and Eastern Transbaikalia, p. 85.
- Zaitsev, I. U. K., Ostapchuk, I. U. S. - Structure of karst phosphorites of the Altai-Sayan area, p. 104.
- Tsefeler, V. M. - Some problems in the methodology of the compilation of formation maps, p. 115.
- Articles of the Geological Section of the Moscow Naturalists' Society, p. 127.
- Pavlovskiy, V. D., Pavlovskiy, V. I. - Some characteristics of the composition and metamorphism of volcanic and primary sedimentary rocks of the upper structural stage of the Pre-Cambrian of the Vornozh anticline, p. 134.
- Zaitsev, I. U. S. - Pre-Cambrian geology and prospects for finding nickel in the southern part of the Vornozh anticline, p. 135.
- Volkov, K. D. - Relief of the crystalline basement of the Moscow syncline and the Pechora Trough, p. 148.
- Ershov, V. A., Nishchenko, I. P. - Formation of clay minerals in Pre-Devonian weathering surfaces of the central part of the Russian Platform, p. 156.
- Gorodkovskiy, V. K., Trifonov, V. N. - Tectonics of the Moscow syncline (concluding results of overall geological and physical studies (sedimentary formation) and the internal structure of basement), p. 157.
- Isakov, B. A., Stekovskaya, E. M., Ushova, N. L. - Pre-Devonian sediments of the central regions of the Russian Platform, p. 157.
- Glinkin, D. N. - New data on the Devonian stratigraphy and paleogeography in the central regions of the Russian Platform, p. 161.
- Gorodkovskiy, T. E., Shor, N. I. - Tectonic stage of Yamskiy Province, p. 169.
- Lazavskiy, V. H. - Tectonic evolution of the central part of the Moscow syncline, p. 169.
- Pavlovskiy, E. A. - History of the development of the central part of the Moscow syncline in the Upper Paleozoic and Mesozoic, p. 170.
- Kozlovskiy, H. T. - Tectonic structural plan of the upper part of the sedimentary formation of the Moscow syncline and Pechora Trough, p. 181.
- Isanova, A. A. - Some problems of the central regions of the European part of the U.S.S.R., p. 111.
- Krasnenkov, H. V., Alekseyeva, I. P. - Age of Neogene horizons of the upper and middle Don lands, p. 182.
- Brezhnev, S. E. - Barbed relief of the Quaternary sediments in the northern part of the Moscow region, p. 183.
- Fedorov, P. V. - Some problems of the Quaternary history of the Black Sea, p. 184.
- Khlin, V. E. - Some morphotectonic types of tectonic structures of elements of the earth's crust, p. 184.
- Zinkov, I. S., Pavlovskiy, N. V., Sedovskiy, I. P. - Underground flow in the Caspian Sea, p. 185.
- Kochkin, A. G., Tikhonov, A. M. - Behavior of copper, lead, and zinc in carbonate waters of some complex metal deposits, p. 186.
- Zorkin, D. M. - Geochemical zonality of dissolved gases in underground waters in the eastern part of the Russian Platform, p. 188.
- Pavlovskiy, I. S. - Analysis of temperature anomalies in the southern part of the Aral Sea region, p. 189.
- Silin, I. U. S. - Effect of geological structure on the redistribution of the density of heat balance, p. 190.
- Silin, V. P. - Reasons for the Neogene-Quaternary reconstruction and asymmetry of large relief forms of plain-platform areas as revealed by a study made in the middle Don and lower Volga basins, p. 191.
- Bulak, V. I. - New data on sediments of caves in the Yenisey valley of the Eastern Sayan, p. 191.
- Gocharov, M. A. - Method of the qualitative morphological description of folding according to geological profiles; representation of the sequence of folds by way of the sequence of matrices of numerical indices, p. 192.
- Dolov, I. U. P., Dolovskiy, R. E. - Mathematical modeling of statistical geological problems of the earth's crust and upper mantle according to geological and geophysical information, p. 194.
- RENTGENOGRAFIA MINERAL'NOGO SYRYIA (RADIOGRAPHY OF MINERAL[S]). Issued by Komissiya po rentgenografii Akademii Nauk SSSR [Committee on Radiography of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, 1987.
- Table of contents translated:
- Konikov, A. I. - X-ray diffraction study of samarskites, p. 5.

- Shamis, D. L., Denisenko, L. E. - Study of penicillin growth on sulfate liquor and the selection of commercially useful strains. p. 30.
- Shamis, D. L., Puzynovskaya, O. M. - Conditions of RO_2 fermentation by lactic yeasts. p. 31.
- Shamis, D. L., Sokolov, P. I. - Use of yeast in ensilage. p. 40.
- Shamis, D. L., Brezhnev, G. O., Belozorova, E. E. - Amino and coenzyme cultivation of penicillin yeast and lactic acid bacteria on synthetic media. p. 46.
- Belozorova, E. E. - Amino and coenzyme cultivation of penicillin yeast and lactic acid bacteria on non-synthetic media. p. 54.
- Dobitskaya, S. D., and others. - Amino acid composition of food culture of lactic yeast and lactic acid bacteria on a synthetic medium. p. 61.
- Kutina, R. M. - Effect of various carbon sources on the nitrogen-fixing activity and biomass of three Azotobacter strains. p. 66.
- Dobitskaya, S. D., and others. - Effect of carbon nutrition sources on the amino acid composition of Azotobacter vinelandii cells. p. 72.
- Kutina, R. M., Dobitskaya, S. D. - Effect of nitrogen nutrition sources on the amino acid composition of Azotobacter vinelandii cells. p. 76.
- Kutina, R. M. - Multistage effect on the nitrogen-fixing activity of Azotobacter based on various nitrogen sources. p. 80.
- Kutina, R. M. - Global effect on the growth and nitrogen fixation of Azotobacter chromococcus 53. p. 87.
- Kutina, R. M., Khmel'skaya, L. K. - Azotobacter cultivation on sulfate liquor and molasses. p. 87.
- Sahebova, M. G. - Metabolism of intracellular carbohydrates in Saccharomyces vini under starvation conditions. p. 91.
- Sahebova, M. G., Remezeva, T. S. - Triphosphate distribution and its role in metabolism of normal and irradiated yeast. p. 95.
- AKADEMIYA NAUK SSSR, Izvestiya, Seriya biologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Biological Series]. Moscow, no. 3, May-June 1968.**
Table of contents translated:
- Alamshev, G. G. and others. - Strengthening of the mutagenic effect by inhibitors - antioxidants. p. 333.
- Pelovina, I. I., and others. - Radiosensitizing effect of halogen substituted hydrazine analogs. p. 345.
- Khrachukina, L. I. - Fluorescent methods in selective detection of RNA in different types of cells with the help of Schiff's reaction. p. 353.
- Itinaeva, A. K., Vedenkova, I. A., Demina, N. G. - Carboxylation of ribonucleoside in cell-free preparations of hydrogen bacteria. p. 363.
- Rabin, A. B., and others. - Study of photoinduced oxidation processes in cytochromes of photosynthesizing purple bacteria Rhodospirillum rubrum sp. p. 372.
- Odintsova, E. N., Blagodat'skaya, V. M. - Vitamin requirement in yeast in lag phase. p. 382.
- Guelin, A., Lambilliot, D. - Hardfield water property. p. 391.
- Guelin, A., and others. - Isolation of filamentous bacteriophage from a parasitic from river water. p. 395.
- Rubin, E. L., Glushko, S. D. - Resistance of Naucleola magna to shortwave electromagnetic radiation. p. 402.
- Egandorilov, N. B., Shafarova, L. B., Ierusalimskiy, N. D. - Selection of local yeast cultures for continuous fermentation of grape must. p. 409.
- Paramonov, A. A. - Origin of phylogenesis and the factors in their evolution. p. 416.
- Tumova, N. G., Evstigneeva, Z. G., Krotovskiy, V. L. - Assimilation of nitrite and urea nitrogen by Chlorella pyrenoidosa. p. 431.
- Itinaeva, A. K., and others. - Effect of adenine nucleoside on nitrogen fixation and isolation of molecular hydrogen by subcellular preparations from Azotobacter vinelandii. p. 435.
- Samolov, P. M., Sukolova, A. A., Fedulova, I. E. - Comparison of theoretical and experimental values of amino acid content in the total protein of Mycolacterium smegmatis. p. 441.
- Nikulin, D. I., Vasil'eva, L. V. - New species of soil micro-organisms Agrobacterium polygalacturidum. p. 443.
- Oganova, E. A. - Scientific conferences dedicated to the memory of Academician N. I. Vavilov. p. 445.
- Mishustin, E. N., Grachina, N. B. - Second International Conference on Applied Microbiology. p. 450.
- In memory of Lina Solomonovna Shiron. p. 455.
- Krokhin, E. M. - Effect of the intensity of passage of Chlorella vulgaris (Wald.) on phosphate balance in spawning lake. p. 26.
- Margolin, G. I. - Organic matter formation and the composition processes in the water of Chernovets Reservoir during the first two years after its construction. p. 32.
- Margolin, G. I. - Distribution of bacteria oxidizing hydrocarbons in Volga and Don Reservoirs polluted with waste oil. p. 39.
- Margolin, G. I. - Intensity of organic matter decomposition processes in Volga and Don Reservoirs in summer of 1965. p. 45.
- Romanenko, V. I. - Comparison of oxygen and lactate fermentation methods in determining the intensity of photosynthesis in phytoplankton. p. 54.
- Romanenko, V. I. - Relationship between photosynthesis of phytoplankton and organic matter degradation in reservoirs. p. 61.
- Sorokin, I. I. - Mechanism of chemical and biological oxidation of sulfides in filtered solutions. p. 75.
- Troitskiy, A. S., Sorokin, I. I. - Methodology of bacterial biomass calculation in bodies of water. p. 85.
- Fedorov, V. K., Sorokin, I. I. - Comparison of oxygen and radiocarbon methods in determining the intensity of gas exchange in aquatic animals. p. 91.
- Pylyuk, L. I. - Relationship between the photosynthesis of phytoplankton and its biomass and chlorophyll content. p. 91.
- Kuznetsov, G. V., Elizarova, V. A. - Phytoplankton of the Shkara reaches of Rybinsk Reservoir in 1963-1965. p. 104.
- Belinskaya, A. P. - High vegetation in lakes of the upper Volga basin. p. 135.
- Seda, V. - Dynamics of littoral vegetation in Kuybyshev Reservoir. p. 147.
- Lebedev, H. M., Mal'kovan, T. S. - Primary phytocenter production and its utilization in Donavskaya Irrigation Reservoir of Orenburg Province. p. 151.
- AKADEMIYA NAUK SSSR, Institut fiziologii, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physiology, Transactions]. Moscow, vol. 12, 1968. Comparative and age-related physiology. Table of contents translated:**
- Alekseeva, M. S., Dmitriyev, I. S., Kremel', N. S. - Analytic activity in wild gray rats. p. 3.
- Arshova, Z. S., Shcheglova, A. I. - Content of urea in the blood and urine of some rodents under different water regimens. p. 7.
- Rana, A. V. - Water conditioned reflexes in rabbits. p. 14.
- Dobitskaya, S. D., Barlov, D. V., Troitskiy, I. I. - Materials on physiology of intrinsic inhibition in monkeys. p. 15.
- Dobitskaya, S. D., and others. - Orientation and exploration activity in lower monkeys. p. 36.
- Bundina, V. N., and others. - Typological characteristics of higher nervous activity in dogs of the Russian bloodhound breed. p. 41.
- Atkins, E. H. - Receptor apparatus of the stomach in swine. p. 50.
- Kremel', N. S. - Determination of the brain cholinesterase activity by the method of continuous potentiometric titration in rats of different breeds. p. 52.
- Elkin, V. I. - Significance of the quantity in the selection of animals in comparative physiological research. p. 60.
- Isaakian, L. A., Rozhova, D. A., Trubitsyna, G. A. - Characteristics of thermogenesis during the reconstruction period in some species of rodents following multiple subjection to hypothermia. p. 65.
- Krasnukhina, N. A., Firova, L. A. - Study of delayed reactions and briefly dismissed conditioned reflexes in lower monkeys during the course of the sexual cycle. p. 71.
- Kryukova, M. A. - Evolutionary significance of the position of the human foot. p. 77.
- Atkins, E. H. - Materials for comparative histology of interoceptors. Morphology of interoceptors of the lenticular muscles of the esophagus in Gallus domesticus. p. 81.
- Ogorodnikova, A. M., Fedorov, V. K. - Characteristics of linear breeding of mice. p. 89.
- Pavlov, R. V. - Trace alimentary conditioned reflexes in pigeons. p. 96.
- Ponomareva, A. G. - Study of the play activity in rats and golden hamsters. p. 104.
- Ponomareva, A. G. - Effect of the temperature of the external environment on the play reflexes in golden hamsters and white and gray rats. p. 112.
- Ponomareva, A. G. - Reflexes from the retrobulbar area on the food seeking activity in golden hamsters. p. 128.
- Prazdnikova, N. V. - Characteristics of trace conditioned reflexes in fish. p. 134.
- Schastnyy, A. I. - Interaction of cerebral systems in arthropods. p. 144.
- Schastnyy, A. I. - Physiological mechanisms of the dynamics of the formation of complex behavior in anthropoid apes (chimpanzees). p. 152.
- Gzhdarini, E. H. - Conditional alimentary reactions in Melospiza populi L. (Coccothraupis, Chrysomitris). p. 163.
- Gzhdarini, E. H. - Materials on the problem of the development of unconditioned alimentary reflexes in dogs. p. 171.
- Chechkin, D. A. - Distribution of the intensity of motor reactions as a possible index in comparative study of trace conditioned alimentary reflexes. p. 178.
- Arshova, Z. S., Shtarkhik, E. L., Shcheglova, A. I. - Age-related changes in the water content in the body of greater gerbils. p. 186.
- Vaylona, N. M. - Functional activity of the thyroid gland during the process of individual development. p. 190.
- Vaylona, N. M., Kharina, M. P., Borogova, N. V. - Effect of ammonia on the passive defense behavior in dogs. p. 196.
- Darylov, A. T., Makarova, A. R. - Development of chemical thermoregulation in birds in early ontogeny. p. 201.
- Dmitriyeva, E. I., Kharina, M. P. - Content of adrenaline in the blood of dogs in different age periods. p. 208.
- Kallina, E. I. - General characteristics of the development of the sympathetic efferent outflow of the central cortex in rabbits in its early postembryonic histogenesis. p. 214.
- Kabanova, E. M. - Formation of delayed conditioned reflexes during ontogeny in dogs. p. 219.
- Kuznetsov, L. N. - Effect of caffeine on the alimentary unconditioned reflexes during the ontogeny in dogs. p. 230.
- Lukina, E. V. - Development of conditioned reflex activity in passerine birds during ontogeny. p. 234.
- Makarova, A. R. - Study of some physiological reactions in newborn elks. p. 241.
- Makarova, A. R., Ponomareva, A. G., Kharina, M. P., D. A. - Unconditioned and natural conditioned reflexes in birds and kids in early postnatal ontogeny. p. 246.
- Makarova, A. R., Ponomareva, A. G., Shcheglova, A. I. - Effect of cooling and unconditioned activity on the physiological functions in birds in early postnatal ontogeny. p. 250.
- Gzhdarini, E. H. - Changes in the conditioned reflex activity as a result of removal of visual receptors at early age. p. 265.
- Rashitov, K. - Natural alimentary reflexes in lambs during the transition period to a natural type of nutrition. p. 266.
- Rumchevskaya, D. A. - Age-related changes in the blood circulation in some species of rodents. p. 272.
- Rumchevskaya, D. A., Maslennikova, L. S. - Formation of chemical thermoregulation in gibbon hamsters during ontogeny. p. 277.
- Toropova, N. V. - Development of non conditioned and conditioned thermoregulatory reaction in animals during early ontogeny. p. 283.
- Fedorov, V. K. - Problems of scute changes in the unconditioned reflex activity in mice. p. 292.
- Kharina, M. P. - Role of afferent impulses in the reflex activity in dogs during ontogeny. p. 297.
- Kharina, M. P. - Characteristics of the restoration of the motor function following deafferentation of the extralimbic in dogs during ontogeny. p. 309.
- Kharina, M. P. - Development of differentiating and selective inhibition in dogs during ontogeny. p. 321.
- Shcheglova, A. I. - Development of sleeping and waking activity in rodents during ontogeny. p. 330.
- Ushakov, S. - Study of gas exchange and cardiac minute volume in thermoregulating polycreta in lambs during early ontogeny. p. 343.
- Isaakian, L. A., Makarova, A. R., Shcheglova, A. I. - Respiratory activity of organs and muscles in rodents. p. 348.
- AKADEMIYA NAUK TURKMENSKOI SSR, Ashkhabad, Izvestiya, Seriya biologicheskaya [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin, Series in the Biological Sciences]. Ashkhabad, no. 1, 1968.**
Table of contents translated:
- Isaakian, L. A. - Study of embryonic processes in crossing heterotetraploid species of cotton (Gossypium barbadense L., Gossypium herbaceum L.). p. 3.
- Dzaker, Z. E., Chagova, Zh. S., Kuznetsova, T. E. - Distribution of Fusarium species in arable lands of the Murgul Oasis and Fusarium wilt in cotton. p. 10.
- Kaspariants, I. K., Mamedullazov, O. N., Tarasovich, L. M. - Sulfhydryl group content in the dynamics of nuclear polyhedrosis in silkworm. p. 18.
- Zhuravleva, V. P., Timuk, O. E., Shabanov, L. P. - Ecology of lactic acid bacteria in wine districts of Turkmenia. p. 25.
- Mishchenko, A. S. - Morphological characteristics of some shrub shoots in Kopetdag. p. 31.
- AKADEMIYA NAUK SSSR, Institut biologii vnutrennykh vod, Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Biology of Inland Waters, Transactions]. Moscow, no. 15(16), 1967. Microflora phytoplankton, and higher vegetation in inland bodies of water.**
Table of contents translated:
- Kuznetsov, S. I., Romanenko, V. I. - Microbiological characteristics of Tsimlyansk Reservoir. p. 3.
- Kuznetsov, S. I., Romanenko, V. I., Karpova, N. S. - Abundance of bacteria and organic matter production in Rybinsk Reservoir in 1965. p. 17.

Sizemova, T. R. - Effect of growth promoting substances on nitrogen and phosphorus metabolism in cotton treated with nitrogen and phosphorus fertilizers, p. 36.

Kantsava, M. A. - Characteristics of various grain and sugar sorghum species in an arid vegetation period, p. 44.

Arakova, L. L. - Effect of nickel on the intensity of tissue respiration, p. 52.

Bogomolov, O. L. - Primary production and photosynthesis of fertilized parts of Karakum karyak, p. 59.

Akhmedov, A. - Feeding habits of *Aspius aspius* (Lacertidae) in lakes of Kelt Uzboy, p. 63.

Vazlov, A. P., and others. - *Maize (Zea mays L.)* - Eastern Kara Kum 1, 1964, p. 73.

Nikolov, O. D. - Role of temperature factor in the photosynthetic activity of *Asagittis parviflora* (Grev.) (Hydrocharitaceae, E. hydrocharitaceae), p. 75.

Trifunov, V. A. - New species of the genus *Parasitaphys* Grev. (Hymenoptera, Euclyptidae), a parasite of *Halictus confusus* (Hymenoptera, Halictidae), p. 82.

Savitsky, I. D. - Development of the endocrine system in *Althaea rosea* L., p. 87.

Elolov, R. V. - New species of *Sarcophaga* in Turkmenia, p. 89.

Kazakov, I. F., Mescheryakov, A. A. - *Acanthas hybridus*, a new plant in Turkmenia, p. 90.

Benlyay, B., Guseva, E. B. - New data on the geographical distribution of *Erysimum alyssum* (Kuntz.) Gussakov in Turkmenia, p. 91.

Gavrilukha, V. A. - General session of the Academy of Sciences of the Turkmen S.S.R., p. 95.

Klitschko, E. A. - All-Union scientific conference on problems of nature protection, p. 96.

AKADEMIYA NAUK BSSR [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. (Bulg. Series in the Biological Sciences) Minsk, no. 1, 1967.

Table of contents translated:

Sharshutskaya, A. V. - Effect of mineral nutrition on the accumulation of phytochemicals and carotenoids in *Helianthus annuus*, p. 5.

Negashvili, M. B., Mikhlin, B. I. - Growth and development of woody plant species in relation to light balance, p. 10.

Ukravets, I. D., Dmytych, M. A. - Hydrological characteristics of the stream network in the upper Neman Valley, p. 15.

Smolensk, M. U., Kirylyuk, L. A. - Nature of growth and development of *Asagittis parviflora*, p. 20.

Polina, A. I., Samoylova, S. S. - Variability of the cutting ability of the buckwheat population of the Belarus variety, p. 27.

Lobashov, L. I., and others. - Characteristics of water balance and anatomical structure of polyphagous sugar beet forms, p. 33.

Shestakov, B. A., and others. - Chlorophyll content as a means for evaluating plant health, p. 39.

Palkovskiy, V. A. - Microchemical properties of *Helianthus annuus*, p. 46.

Zelinskaya, M. V., Luchashko, A. M. - Lipid synthesis by yeasts on various media, p. 54.

Fiksenko, A. B., and others. - Effect of free amino acids belonging to the cycle of amino acid metabolism and their acetyl derivatives in the metabolism of the brain following X-ray irradiation, p. 58.

Dashko, K. M., and others. - Biological properties of *Asagittis parviflora* (Lacertidae), p. 61.

Vilner, B. A. - Simple models of behavior for heat heat cryogenicity, p. 69.

Lavrenko, O. A. - Experimental morphological analysis of secondary infiltration of spinal sensory fibers of hypodermis, p. 74.

Edelstein, L. A., Vahedov, I. U. L., Kozlov, K. K. - Morphological changes in the receptor apparatus of the intestine following *Asagittis parviflora* infection, p. 83.

Eskedova, M. F. - Morphological characteristics of the excretory system in *Asagittis parviflora*, p. 88.

Arzamasova, I. T. - Effect of quantitative relationships of parasites on the intensity of their infection, p. 97.

Lazarev, M. K., and others. - Feeding habits and reproduction of some injurious animal beetle species (*Colaspidae*, *Curculionidae*), p. 101.

Zhibrik, A. A., Ruckova, L. V., Nikol'skii, I. K. - Growth substances in dry seeds of diploid and tetraploid millet, p. 100.

Mozgov, E. I. - Induction of *Asagittis parviflora* with help of ultraviolet rays, p. 112.

Alexandrov, I. E. - Nature of nematodes, p. 114.

Heinskaya, L. N. - Effect of root infection on the content of pigments in host plant leaves, p. 118.

Anniversary session of the Academy of Sciences of the White Russian S.S.R., p. 120.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 54, no. 5, May 1968.

Table of contents translated:

Volyanski, F. A. - Morphogenesis of articular

cartilagenous strain of the extremities in dogs under normal conditions and in experimental disorders of their function, p. 3.

Margaret, E. P. - The so-called coefficient of blood supply of organs, p. 13.

Gordova, L. I. - Age-related and functional characteristics of the structure of the hyaline arterioles of the heart, p. 21.

Marash, A. M. - Structure of aortic valves in early stages of human embryogenesis, p. 25.

Berezinskaya, I. D. - Some characteristics of the structure of the occipital portion of the human skull, p. 32.

Rakitskiy, A. R. - Structure of the pelvic plexus in man, p. 43.

Grigor'ev, N. G. - Nature of the nervous apparatus of the gallbladder, p. 53.

Dalakov, V. I. - Proliferation of hepatic cells in the focus of aseptic inflammation under various conditions of X-ray irradiation, p. 55.

Nikiforov, A. F., Sklyukhin, G. S. - Study of nucleoplasmic ratio in large pleural cells of the lung under normal conditions and following its sensory denervation, p. 61.

Borisev, I. N. - Histogenesis of striated muscles in birds, p. 65.

Golovina, N. S. - Egg membrane in pig (swine) oocytes, sheep (ovine) and cow (bovine) oocytes, p. 72.

Krasnikin, I. I., Didenko, V. I. - Neurohistological and histochemical study of the afferent elements of the nervous system of the lung in dogs, p. 77.

Korolev, V. A. - Multilayer epithelium of the intervertebral foramen and nucleus, p. 83.

Stralov, V. N. - Innervation of the salivary glands in birds, p. 89.

Solov'ev, V. I. - Arteriole and elastic system of the adrenal gland in *Arctomys* during their embryonic and fetal stages of development, p. 92.

Tarakanov, E. I., Es'kov, M. N. - Methodology of studying neurosecretion of the human hypothalamus, p. 97.

Kutayev, G. S. - Accelerated method of comparing tracks in histomicrophotographs, p. 100.

Dyskin, B. A., Shchegolev, S. A. - Method of formation of a chronic vascular lesion in complex anatomophysiological studies, p. 102.

Gerasim, N. I., Lapina, Z. V. - Eighth Scientific Conference on Age-Related Morphology, Physiology and Biochemistry, p. 112.

Klitschko, E. A. - Morphological aspects of the problem of nucleolus, p. 117.

BIOFIZIKA [BIOPHYSICS]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 13, no. 2, Mar.-Apr. 1968.

Table of contents translated:

Savitsky, G. V., Ponomareva, R. B. - Study of the relationship between fluorescence and photolysis of a polymerized cytochrome c in solution by gel filtration method on Sephadex. Theory of chromatography of reversible interacting substances, p. 113.

Vorobeychikov, S. B., Chirgakov, I. D. - Interpretation of differential curves of infrared dichroism of actinly oriented polypeptides, p. 220.

Bogdanov, E. I., Efremov, I. E., Gaykovskaya, O. V. - Biophysical transformation of cytochrome c in field of ultrasonic waves, p. 226.

Kozlov, S. V., Volynskiy, I. D. - Fluorescence method used in studying peptidomimetic and conformational processes, p. 233.

Liliev, F. F., Zvalinskii, V. I. - Semicontinuous proportion of plant chloroplasts and chromophores of photosynthesizing bacteria, p. 241.

Chernikov, A. G., Anan, A. F. - Changes in electron paramagnetic resonance spectra of animal tissues subjected to thermal treatment, p. 255.

Slapovskiy, A. I., Granyin, A. A. - Subsegmental synaptic effects on chromatolytic motoneurons, p. 260.

Rodionov, Ch., Tsarova, L. A., Shtukhin, A. M. - Different nature of rhythmic variations of potentials of the cytoplasm and membrane in plant cells, p. 270.

Podvigina, N. F. - Shape of electric field formed by the bipolar neuron, p. 282.

Gullik, A. Kh. - Stability of the mathematical model of neuron not, p. 290.

Aladzhalov, N. A., Shabanov, A. I. - Model concepts on organization of synapses on neuron dendrites for memorizing signals with different relationship between the impulses and the intervals, p. 297.

Morotskiy, A., and others. - Study of the reciprocal participation of muscles in movements of human upper extremities, p. 303.

Ivanovskiy, N. D., Stepanova, N. V., Chernavskiy, D. S. - Mathematical study of oscillatory balances in the continuous cultivation of microorganisms, p. 313.

Moskovskiy, I. U. Sh., and others. - Selectivity of relationships between potassium chlorophyllate and deoxyribonucleic acid, p. 320.

Fedorovich, I. D. - Circular dichroism of rhodopsin, p. 322.

Komissarov, G. G., Shumov, I. U. S., Alamanchuk, L. M. - Changing the value and kinetics of photopotential of photosynthetic pigments with the help of different additives, p. 324.

Kalashnikov, T. N., Konakova, N. V., Etkov, I. A. - Effect of oxygen on the ultrastructural organization of myofibrils, p. 326.

Ivanovskiy, N. D., Stepanova, N. V., Chernavskiy, D. S. - Participation of the product of reversible cytochrome c in sensitization processes, p. 329.

Narandakov, S. S., Moskovskiy, I. U. Sh., and others. - Effect of water and protein on the gamma resonance spectra of iron-containing complexes, p. 331.

Zaitseva, G. N., Lisovskaya, L. L., Tsvetkov, V. A. - Diffusion behavior of ATP and ADP in solutions of polyacetylenes, p. 333.

Anisimov, V. K., Vorobeychikov, S. B., Kurella, G. I. - Study of the nature of dormancy potential in *Arctomys*. Report No. 2. Effect of pH on the dormancy potential in *Arctomys*, p. 335.

Anisimov, V. K., Kurella, G. A., Taglova, L. I. - Localization of Na²² in the nucleus of gland of *Arctomys*, p. 338.

Ostrovskiy, M. A., Fudimovich, L. B., Potlakh, L. M. - Changes in the pH medium following irradiation of the retina and suspension of the outer segment photoreceptors, p. 338.

Zel'm, A. I., Zel'm, R. S. - Thermodynamic analysis of the equilibria of animal growth, p. 340.

Volkovskiy, E. I., Prilutskiy, V. A. - Influence of signal reactions on the electrophysiological studies, p. 343.

Romashko, G. I., Alyapovskiy, S. V., Abramov, I. U. M. - Mechanisms regulating the relationship between muscle cells and membrane, p. 347.

Martynova, I. I. - Permeability of the membrane of crab axon for lithium ions as related to the membrane potential and the composition of external media, p. 349.

Vorobeychikov, S. B. - Experimental testing of the model of Goldman's theory on the electrophysiological model, construction of polyacetylenes, p. 353.

Zhekov, E. K. - Calcium metabolism through the membrane of sarcoplasmic reticulum in skeletal muscle fibers, p. 354.

Zil'berstein, A. I., Pirovich, L. A. - Hypertonic response and negative resistance in red blood membranes, p. 357.

Dashkov, P. A., Tselina, L. M. - Effect of binding of electric properties of biomolecular plasma membranes, p. 360.

Liberman, E. A., Luchashko, A. V. - Cellulose and importance of phospholipid membranes in the presence of intracellular phospholipids, p. 362.

Vinogradov, N. A., and others. - Regulation of transport in animal cells, p. 365.

Vashilov, S. I., Sorokina, V. Sh. - Effect of stimulation on the sugar distribution in *Arctomys* muscles of a frog, p. 366.

Gul'ko, P. N. - Mathematical modeling of excitation processes, p. 370.

Milnechin, V. M. - Role of the nuclear membrane in intracellular transport of substances, p. 370.

Prilutskiy, E. I., Pirovich, L. A., Chel'kov, L. M. - Formation of membrane structure in the region of axons of nerve fibers in frog, p. 377.

Altova, E. F., and others. - New data on the activity of cytoplasmic membranes before and after the action of ultrasonic waves, p. 380.

Talybekov, M. G., Taglova, S. V. - Role of cytoplasmic membranes in the activity of the cytoplasm in plant cells, p. 382.

BOTANICHESKIY ZHURNAL [BOTANICAL JOURNAL OF THE USSR]. Organ of Vsesoyuznyy botanicheskii obshchestvo [All-Union Botanical Society], Moscow, vol. 54, no. 4, Apr. 1968.

Table of contents translated:

Lavrenko, E. M. - In memory of Nikolai Ivanovich Vavilov, p. 427.

Zhekovskiy, P. M. - New loci of the origin and centers of cultivated plants and specifically microcentric centers of related species, p. 430.

Petrov, A. A. - Teratology and N. I. Vavilov's homological series, p. 461.

Soskov, I. D. - Utilization of N. I. Vavilov's homological series in the taxonomy of the genus *Calligonum* L., p. 470.

Batyagin, T. B. - Embryogenesis in the genus *Taraxacum* as related to the problems of microevolution and remote hybridization in *Calligonum*, p. 480.

Vipper, P. B. - Relationship between the forest steppe in mountain regions of Southwestern Kazakhstan, p. 491.

Gerasimov, I. I., Reznikova, S. A. - Cytology of the genus *Solanum* L. species, p. 505.

Savich, E. I. - Formation of archesporium and the role of tapetum in *Helianthus*, p. 514.

Proskoriakova, G. M. - Quantitative relationships of predominant species in the steppe vegetation of the Greater Balkan Range, p. 524.

Noshakov, I. U. M. - Use of perforated cards in plant communities in forest steppe oak steppes, p. 531.

Molozhnikov, V. N. - Seed production of *Pinus* in the vicinity of the Sosnovka Bay of Lake, p. 543.

- Gedemane, T. S., Vainsheln, A. I., Smirnov, G. P. - Distribution of forest associations in central Moldavia. p. 547.
- Rakhimov, F. Kh. - In collection about N. I. Vavilov on the 50th anniversary of his birth. p. 554.
- Tolmachov, A. I., Tokarevskikh, S. A. - Exploration of the region of forest island in the vicinity of the Moruya River in the Dol'shezhel'skaya Landra. p. 560.
- Dubrov, L. G. - Visiting the botanical institutions of Czechoslovakia. p. 567.
- YUNYI NATURALIST [YOUNG NATURALIST].** Issued by Tsentral'nyi kabinet Vsesoyuznogo Ispytaniya kormimashchenskogo sektora molochzhiv i Tsentral'nyi sverl Vsesoyuznogo khimicheskogo i fizicheskogo nauchnogo tsentra [Central Committee of the All-Union Communist Youth League of Trade and the Central Council of the All-Union Youth Pioneers]. Moscow, nos. 7-8, 1968.
- MICHIURINSK. TSENTRAL'NAYA GENETICHESKAYA LABORATORIYA IMENI V. M. MICHIURINA. Trudy [V. M. MICHIURIN CENTRAL LABORATORY OF GENETICS. Transactions].** Vol. 9, 1967.
- Table of contents translated:
- Gorskoy, I. S. - Results of the work of the Central Genetic Laboratory named after V. M. Michurin, its objectives and future development. p. 3.
- Zukov, A. A. - Role of the method method in hybridization. p. 9.
- Poplavskaya, T. K. - Differences in tissue quality as a basis for clone selection of apple. p. 21.
- Filippenko, I. M., Lohov, A. V. - Frost resistance and vegetation timing in grape seedlings. p. 30.
- Kukova, A. P. - Dominance and splitting of hybrid progeny obtained from tree and leafed pollination of Michurin apple varieties. p. 37.
- Snykova, G. G. - Frost resistance in Siberian apple hybrids of the second generation. p. 44.
- Snykova, G. G. - Frost resistance in the second generation of Siberian apple hybrids. p. 47.
- Theruk, I. G. - Geographically remote hybridization of corn. p. 52.
- Kursakov, G. A. - Studying new varieties and elite seedlings of plums. p. 56.
- Kharlamov, E. N. - New sweet cherry variety Valerik Chkalov. p. 60.
- Sinitsyn, A. G. - Strawberry varieties. p. 67.
- Ostapenko, V. I., Maslov, S. P. - Utilization of ionizing and ultraviolet radiation in creating pomelo fruit varieties. p. 73.
- Perfilov, V. E. - Effect of electric current on regeneration processes in cuttings of some plants as related to polarity phenomena. p. 80.
- Zhukov, O. S. - Changes in the growth and flowering nature of many fruits subjected to X-ray irradiation. p. 85.
- Ostapenko, V. I., Ilyzhikov, S. D. - Bioelectric properties of pollen and ovules of some fruit plants. p. 95.
- Nikitin, V. I., Zubov, A. A., Arkhipov, I. B. - Effect of pre-sowing gamma irradiation on strawberry seed germination and seedling growth. p. 99.
- Ostapenko, V. I., Tsimkov, I. G. - Effect of pre-sowing irradiation and X-ray irradiation of seeds on corn yield. p. 99.
- Ostapenko, V. I., Tsimkov, I. G., Nikitin, D. I. - Effect of electric current in soil on the growth, development and yield of corn. p. 101.
- Gavrilushina, N. P., Kuznetsov, V. G. - Characteristics of the formation of male generative organs in hybrid of *Cerasus vulgaris* Mill. X *Cerasus tomentosa* (Thunb.) Wall species. p. 103.
- Zhukov, O. S. - Cytological studies and polyploidy in fruit plants. p. 111.
- Spilayn, I. P. - Dynamics and localization of nutrients and physiologically active substances in the course of embryogenesis of cherry and sweet cherry hybrids. p. 114.
- Kursakov, G. A. - Use of artificial embryo culture in remote plum hybridization. p. 120.
- Chuvashina, N. P. - Transformation of the tapetum in some hybrid fruit cultures with male sterility. p. 125.
- Kharlamov, E. N., Spilayn, I. P. - Embryogenesis and young fruit shedding in cherry and cherry-sweet cherry hybrids. p. 131.
- Chuvashina, N. P., Ostapenko, V. I., Gorlan, S. M. - Micro- and macrosporangia characteristics in *Cerasus tomentosa* X *Amigdalus communis* hybrid. p. 134.
- Spilayn, I. P. - Relationship between the germination of cherry and cherry-sweet cherry hybrid seeds and weather conditions. p. 138.
- Chernykh, I. S. - Embryo and pericarp formation in cherry and plum. p. 141.
- Spilayn, I. P. - Results of the study of embryogenesis of cherry, sweet cherry and cherry-sweet cherry hybrids. p. 157.
- Neslerov, I. A. - Resting period in fruit seeds. p. 160.
- Mel'nikov, V. K., Sankovich, K. V., Suzdal'sev, V. A. - Physiological and biochemical characteristics of apple varieties as related to winter hardiness. p. 171.
- Leonchenko, V. G. - Some characteristics of nitrogen metabolism in apple tree following incompatibility of stock and scion. p. 180.
- Poplavskaya, T. K. - Sugar dynamics in the annual cycle of the development of apple seedlings grown from various buds. p. 187.
- Leonchenko, V. G. - Water balance in apple tree affected by physiological stock-scion incompatibility. p. 194.
- Orlov, V. I., Semak, E. Y., Kharlov, S. P. - Change in the resistance of apple tree leaves to high temperatures and wilting as related to the compatibility of scion components. p. 202.
- Gorlov, V. A. - Characteristics of the formation of cherry fruit buds as related to their winter hardiness in the Michurinsk region. p. 207.
- Kuzin, I. S. - Utilization of photoperiodic effects in studying current and group phenophases based on recording of their ontogeny. p. 213.
- Gorlov, V. A. - Dynamics of stored substances in flower buds of different cherry and plum varieties as to their winter hardiness. p. 219.
- Gribovskiy, A. P. - Relationship between bud flux and oxidation-reduction properties in an apple tree. p. 223.
- Denkov, V. P., Denisov, E. N. - Physiological studies on the frost resistance in apple tree and some walnut forms with chlorosis of winter hardiness diagnostic methods. p. 227.
- Karavay, E. V. - Electric currents and soil microorganisms. p. 237.
- Krasov, E. V., Krasov, L. V. - Bacterial fertilization of apple tree seedlings. p. 240.
- Ostapenko, V. I. - Problems of physiology, sexualization, fruiting and hybridization of fruit plants and some biophysical methods of controlling these processes. p. 251.
- Perfilov, V. E. - Regressive analysis of the growth of apple tree seedlings. p. 261.
- Zhukov, O. S. - Effect of gibberellin on fruit and berry plants. p. 267.
- Ostapenko, V. I. - Some results of studying the selectivity of fertilization in fruit and berry plants. p. 277.
- Filippenko, I. M. - Causes for different bud fertility in grapes. p. 281.
- Kursakov, G. A., Kochanov, N. L. - Biological characteristics of the reproduction of root cuttings in relation to ontogeny in plums. p. 284.
- Filippenko, I. M., Koshkin, V. S. - Vernalization stages in grapes. p. 302.
- Agarkov, S. K. - Effect of air temperature on the nature of flower blooming in Tsimkov Province. p. 311.
- Theruk, V. M. - Study of individual apple tree development in relation to the origin of buds and cuttings. p. 314.
- Kut'lanov, M. A. - Biologically active substances in needleleaf and deciduous fruits. p. 319.
- Vain, I. I. - Ecologic characteristics of *Vaccinium* plant and some causes of its resistance to it. p. 327.
- Gorlov, V. A. - Apple varieties and hybrid resistance to *Phytophthora caeruleospora*. p. 332.
- Kotov, L. A. - Apple varieties and seedlings resistant in the apple orchard in the Central Urals. p. 337.
- Ishchenko, L. A. - Effect of ontogenetic changes in the enzymatic activity of leaves of different apple tree varieties on the resistance to scab. p. 343.
- Vain, I. I., Sinitsyn, A. G. - Strawberry diseases and pests and the stability of the varieties. p. 351.
- Vain, I. I., Zhekov, O. S. - Raspberry wilchew-droop. p. 355.
- Khanin, V. F., Boldyrev, A. P. - Probability of blossom loss in fruit plants from sitting frost in Michurinsk and the Central Chernozem region. p. 359.
- Vain, I. I., Khanin, V. F. - Biochemical conditions of the scab infection of apple in Michurinsk and the Central Chernozem region. p. 364.
- Rakhimov, A. M. - Iosif Stepanovich Gorskoy: an obituary. p. 370.
- MIKOLOGIYA I FITOPATOLOGIYA [MYCOLOGY AND PHYTOPATHOLOGY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Leningrad, vol. 2, no. 2, 1968.
- Table of contents translated:
- Garibova, L. V. - Antagonistic activity of the mycelium of the cultivated mushroom *Agaricus bisporus* (Lange) Sing. p. 81.
- Gavrilushina, N. P. - *Cytophthora sheutelei* Racc. et Syd. in the U. S. S. R. p. 87.
- Ishchenko, L. A., Gorlov, M. V. - Comparative physiological study of *Fusicladium dentitum* (Wallr.) Fekl. and its "antagonist" *Cladosporium* sp. p. 93.
- Lerkina, L. M. - Some new data on the morphology, physiology and biochemistry of the genus *Cladosporium* Lk. ex Fr. p. 97.
- Melik-Khachaturian, O. O. - Species of *Agaricales* and their fruiting time in the Tsimkov region (Armenian S. S. R.). p. 100.
- Verderovskiy, D. D. - Terminology in studying the immunity in plants. p. 112.
- Orlov, I. U. T., Sadykhodzhaeva, K. G. - Adaptation of *Rhizoctonia solani* Kuehn to fungicides. Report No. 2. Adaptation to penicillin and streptomycin. p. 117.
- Brugolov, G. R. - Causes of epiphytiosis of *Peronospora tabacina* Adam. in the Azerbaijan S. S. R. p. 121.
- Minkovitch, L. L. - Mycological methods for studying the character of resistance of fruit trees to facultative parasites. p. 124.
- Nelson, E. S. - New fungus diseases of field crops in the Soviet Union. p. 128.
- Ivanovskiy, T. V. - Characteristics of regressive changes in smut in tissues of fruiting plants. p. 133.
- Evdukhina, A. A., Paik, D. M., Tatarskiy, L. G. - Mass cultivation of entomopathogenic fungus *Beauveria bassiana* Vuill. under nonsterile conditions. p. 141.
- Kharlamov, E. N. - Apple scab caused by *Vaccinium* (Koe.) Wint. in Moscow Province. p. 143.
- Polichuk, V. I., Pashchenko, I. N. - First discovery of *Phyllosticta malorum* (Kühn.) McCallum in Leningrad Province. p. 149.
- Smol'skiy, I. U. V. - Pathogenic mycelium of trees and shrubs in the desert regions of Central Asia and Kazakhstan. p. 148.
- Stepanov, K. P. - New species of the genus *Peronospora* from Tadzhikistan. p. 150.
- Horinskaya, A. A. - Morphological variability of *Ascochyta blight* (*Ascochyta blight*) Thum. p. 151.
- Arnold, G. H. W. - Methods of collecting and studying freshwater phytophages. p. 158.
- Kopylov, V. E. - V. G. Yanovskiy on the 10th anniversary of his birth. p. 164.
- Koshkin, M. K. - In memory of N. A. Nanyay, on the 80th anniversary of his birth. p. 167.
- MOSCOW. GLAVNYI BOTANICHESKIY SAD. Bulletin [MAIN BOTANICAL GARDEN. Bulletin].** No. 67, 1967.
- Table of contents translated:
- Trushov, E. M. - More on principal concepts in plant hybridization. p. 3.
- Krylov, I. I. - Developmental rhythm in some arctic plant species cultivation conditions. p. 8.
- Slavov, N. V. - Some morphological and biological characteristics of rhizome honey-suckle species. p. 14.
- Golovinskiy, P. I., Zolotarev, L. I. - Variability of biological characters of *Vitis vulpina* L. in relation to geographical cultivation zones. p. 19.
- Savchenko, I. I. - *Gymnocladus dioica* L. in the Mar'kovskiy Experimental Forest Station. p. 25.
- Akhmedov, M. M. - In vitro pollination and fertilization in hybridizing *Pachira hybrid* Lark. X *Albizia glabra* R. Brach. p. 28.
- Laneva (Nazarova), M. Z. - Hybridization of woody plants with herbaceous plants in the family *Leguminosae*. p. 31.
- Svetlov, V. V. - Sporangia of some *Dicentra* L. species. p. 36.
- Krasov, E. V., Arkhipov, I. B. - Allium leafhopper, a natural indicator for garden breeding. p. 41.
- Antipov, V. G., Vukob, V. S. - Decorative forms of trees in White Russia. p. 46.
- Dzhidzhazarov, R. M. - Camellia variety groupings based on the blossom shape and flowering rate. p. 50.
- Bukharin, P. D., Kolesnikov, N. N., Likhov, M. P. - Glycer content in wild plants of Muzhiksk Province. p. 55.
- Davya, O. V. - Developmental rhythm of Siberian onion species in Murav. p. 61.
- Krylov, I. I., Dzhidzhazarov, R. M. - Biochemistry of Chokpar garlic in comparison with Trans-Baikal garlic in growth and in dormancy. p. 67.
- Opoletov, I. G., Tallova, M. R. - Change in nucleic acid metabolism of onions infected with *Peronospora destructor* (Berh.) Chapt. p. 73.
- Furay, G. G. - Structural characteristics of the root system in some onion species. p. 77.
- Tarakanova, R. Kh. - Study of the photoperiodic reaction in various onion forms. p. 83.
- Bokova, P. Kh. - Cultivation of Georgian onion in Dagestan. p. 88.
- Slava, V. S., Slava, R. I. - Rare and new plants in the Amur Valley. p. 91.
- In memory of Professor P. M. Kharlamov (1904-1968). p. 93.
- Lapin, P. I. - Regular session of the International Association of Botanical Gardens. p. 95.
- RADIOBIOLOGIYA [RADIOBIOLOGY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 6, Nov.-Dec. 1967.
- Table of contents translated:
- Smolov, V. A., Strazhevskiy, N. B. - Studying the nature of radiation damage of supramolecular DNA by the method of hybridization staining. p. 810.
- Papov, A. S. - Role of organic peroxides in initial radiation injury processes in animals. p. 825.
- Lapin, P. I., Edou, L. Kh. - Study of radioactivity of the hybrid nature. p. 831.
- Savitskiy, I. V., and others. - Characteristics of the similarity and difference in the biochemical action of radiation and radiochemical substances. p. 840.
- Fokina, T. V., Mikhalkina, V. G. - Fractional composition of serum proteins long after the chronic ionizing irradiation. p. 848.

- Shakhmurov, I. G. - Selective ability of the human and animal organism to radioactive isotopes. p. 550.
- Seizer, S. A., Ivanov, K. V., Zaslavskaya, O. A. - Changes in the metabolic activity of epithelial cornea cells in laboratory animals following chronic gamma irradiation in small doses. p. 557.
- Sapozhnikov, I. A., Pankov, I. A., Strakos, A. N. - Formation of liver doses from strontium-90 in the skeleton of calves as related to the calcium content in the milk. p. 560.
- Demarsky, V. R. - State of partial digestion in rats following partial irradiation in various forms. p. 566.
- Krasov, A. V., Tkachenko, G. A. - Hypophysis, adrenal and thyroid glands in radiation sickness caused by infrared irradiation. p. 572.
- Mateja, T. S. - Effect of penicillin on the absorption of the reticuloendothelial system in white mice with acute radiation sickness. p. 578.
- Udovych, I. A., Baran, N. I. - Behavior of radioactive carbon (^{14}C) in sheep of various ages. p. 581.
- Mokshov, I. I., Korovin, G. K. - Biological effect of intratracheal pulmonary 216 isotope. p. 585.
- Ukrutskaya, N. G., Kuznetsov, S. S. - Internal fluctuations of radioisotopes in mice. p. 591.
- Gromakova, M. M. - Role of histamine in the increased sensitivity of the non-steroid receptors to histamine and acetylcholine as affected by X-rays in small doses. p. 593.
- Koshchik, N. P. - Quantities of morphological composition changes in the peripheral blood of rats following irradiation of placenta. p. 595.
- Tuzhilina, T. M., Serebren, V. L. - Morphophysiological characteristics of the adrenal glands in white rats exposed to chronic strontium-90 irradiation. p. 596.
- Kuzin, A. M., Rukova, I. C. N., Ledygina, V. G. - Postirradiation recovery of seals. p. 599.
- Kaplanovich, I. G. - Quantitative characteristics of postirradiation recovery of yeast cells with different manifestation of radiation effect. p. 603.
- Gryshchuk, D. M., Koshchik, N. P., Vakhrenko, G. F. - Effect of gamma irradiation on sulfate proteins in pea leaves. p. 606.
- Tragunov, A. V., Matlina, K. G. - Effect of various Co^{60} gamma ray doses on the metabolism of C^{14} absorbed in the process of photosynthesis. p. 622.
- Petrovskii, E. S., Shumov, M. A. - Effect of gamma radiation on corn plants and pea seeds. p. 626.
- Berezina, N. M., Perchikov, N. V. - Radiosensitivity of corn and soy, subjected to chronic gamma irradiation, during different periods of their development. p. 632.
- Avakian, T. M., Semirizhanov, S. P., Oganessian, D. Z. - One animal's parameter of radiobiological effect. p. 635.
- Tokarskaya, V. I., Neliavich, P. A. - Increase in DNA fragments with higher relative content following irradiation of pea seeds. p. 638.
- Strakos, A. N. - Effect of ionizing radiations on the activity of sulfur-containing radioprotective preparations. p. 639.
- Plutovskii, I. A. - Marie Sklodowska-Curie, to the 10th anniversary of her birth. p. 641.
- Cherkasov, I. L., Kozlov, G. I. - Irradiation and control of immune reactions: a conference from June 22-24, 1967 held in Paris. p. 643.
- Vol. 3, no. 2, Mar.-Apr. 1968.
- Table of contents translated.
- Kaplanovich, I. G., Bilzels, K. M. - Quantitative characteristics of the realization of potential injuries in irradiated yeast cells. p. 176.
- Cherkasov, I. L., Tokarskaya, V. I. - Radiation inhibition of the synthesis of new RNA types in pea seed embryos. p. 185.
- Nikol'skaya, E. B. - Kinetics of sodium phosphogluconate hydrolysis as affected by irradiated alkaline phosphatase as compared with nonirradiated alkaline phosphatase. p. 192.
- Belina, L. P. - Effect of ionizing radiation on the amount of free amino acids in nuclei isolated from the *Pyrenus*, the spleen and the liver. p. 197.
- Kolomoys, K. D., and others. - Effect of gamma radiation on protein biosynthesis in isolated ribosomes. p. 201.
- Cherkasov, I. L., and others. - Significance of corticosteroid hormones in changes of the aminocyclase activity in the brain of white rats irradiated with X-rays and sections of intermediate energy. p. 203.
- Tarasov, S. I., and others. - Effect of hot particles on calcium cells. p. 211.
- Le Stan Yu. - Correlation between the radiosensitivity of mice of various lines and the adenylyl group content in the leucoprotein tissue. p. 218.
- Pospelova, A. V., Tuzil, L. I. - Change in the haemoglobin concentration in the blood serum of mice and rats suffering from radiation sickness. p. 220.
- Barkalova, A. I. - Evaluation of the reaction of the insulin apparatus of the pancreas in experimental acute radiation sickness. p. 224.
- Arushanova, O. S., and others. - Lipid phosphorus and lipid phospholipid content in tissues of irradiated rats. p. 229.
- Bychinskaya, I. B., Oshkoshkova, G. K., Volynova, T. P. - Role of time factor in irradiation of image insects as experimented on grainy weevils. p. 235.
- Zemlin, L. A., Pavlovskaya, E. D. - Cytological changes in the epithelium of the small intestine of rats exposed to prolonged radio-tachy action. p. 239.
- Lepashin, I. A. - Changes of reflexes from the carotid sinus during primary reaction of the organism to irradiation. p. 243.
- Kolomoys, K. D. - Some characteristics of the neural activity of the optic region of the cerebral cortex in rabbits subjected to ionizing radiation in late embryogeny. p. 247.
- Kashin, K. P., R. S. Koshk, Aleksandrov, S. V. - Tissue antigens in the blood and urine of animals killed by irradiation. p. 253.
- Vladimirov, V. G. - Comparative study of intracellular distribution of ^{35}S cysteine in the liver and spleen of white mice and rats. p. 258.
- Fel'dman, K. A., Kabanov, E. N., Perminovskaya, N. N. - Characteristics of the early regeneration of the bone marrow in mice subjected to different forms of partial irradiation. p. 262.
- Golovinskiy, I. B. - Postirradiation transplantation of the bone marrow from tolerant donors. p. 268.
- Ukrutskaya, N. G. - Study of sterilizing doses for *Ephestia kuehniella* Z. following irradiation during various stages of development. p. 275.
- Maslov, I. A., Petrovich, I. K. - Biological effect of oral administration of Pc^{210} . p. 279.
- Zaitchik, V. E. - Formation of inner doses in the skin damaged by beta and gamma rays. p. 286.
- Lebedeva, L. I., Kerkis, I. A., Magalov, T. T. - Relationship between the development of irradiated seals and the temperature of germination. p. 293.
- Ponomarev, G. V., Babyn, H. P. - Influence of nitrogen found in the metabolism of radiobiological effects after the treatment of seeds last neurons. p. 293.
- Denzov, G. P., Garritov, B. N. - Effect of X-ray irradiation on phagocytosis of *Acanthamoeba* by *Galleria mellonella*. An experimental study on larvae of *Galleria mellonella*. p. 303.
- Fridov, V. P., Puzhinov, A. L. - Role of cotton-sheds in realizing lymphatic effect of ionizing radiation. p. 305.
- Bukharov, H. I. - Frequency of chromosome aberrations in the rats subjected to chronic external ^{60}Co irradiation. p. 308.
- Volodko, O. A. - Effect of radioprotectors on blood coagulation processes in guinea pigs with acute radiation sickness. p. 310.
- Kashin, K. A. - Radiosensitivity of some woody plant species to white rust. p. 313.
- Zapolskaya, N. A., Puzhinov, A. L. - Dose calculation for the inhibition of small laboratory animals. p. 315.
- Galkova, M., K. K., and others. - Practical results of cotton (*Gossypium hirsutum*) breeding by using ionizing radiation. p. 318.
- Koval, I. P. - Large well-shaped stimulation heterozygotes. p. 323.
- Drozdov, V. E., Hrabovskiy, W. S. - Dose accumulation factors near radiation source for water and tissue-equivalent substances. p. 325.
- Akerv, I. G., Akshayev, V. M., Lapin, M. A. - Biological effect of radiation of different intensities. p. 326.
- Bibliography of foreign literature on the biological effect of radiation. p. 328.
- REFERATIVNYI ZHURNAL BIOLOGICHESKAYA KHIMIYA (Otklonye vyepok 30) (JOURNAL OF BIOCHEMISTRY: Separate Issue 30th). Issued by Institut nauchoi informatsii Akademii nauk SSSR Institute of Scientific Information of the Academy of Sciences of the U.S.S.R. Moscow, nos. 11-15, June-July 1968.
- RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniya. Nauchnoye dokladnoye izdatel'stvo. Biologicheskoye nauchnoye izdatel'stvo. Higher and Secondary Specialized Education. The Scientific Papers of Higher Schools. Biological Sciences. Moscow, vol. 11, no. 5(53), 1968.
- Table of contents translated:
- Krenke, G. A. - New data on feeding habits of the larvae of *Anagrus variator* F. p. 9.
- Agapova, E. G., Tokin, B. P. - Is it possible to induce tumor growth in ascites? p. 11.
- Chernikova, M. E. - Structure of locust clutches in relation to the characteristics of their vital forms. p. 17.
- Krushch, L. T., Mashina, E. I. - Ecology of *Dendroctonus micans* Kug. (Coleoptera, Elmidae) in White Russia. p. 24.
- Botanitskiy, K. I. A. - Analysis of the thyroid gland function in Baltic herring as related to seasonal spawning community phenomena. p. 28.
- Mambetzhumayev, A. M. - Migration of salgas in Ustyurt. p. 34.
- Ud'yonov, M. G. - Autoregulating mechanism of the heart. p. 37.
- Rusalka, N. P., Pustokov, M. A. - Accumulation of substances in a frog muscle capable of blocking the synaptic transmission of stimulation. p. 39.
- Thompson, V. N. - DNA concentration dynamics of white rats of various stages of life affected by thiophosphamide. p. 42.
- Medvedeva, O. A., Agni, V. I. - Factors, changing relationship between respiration and glycolysis in cells. p. 47.
- Ponomareva, T. V., Tokin, B. P. - Morphological changes of the epithelium of the duodenum subjected to internal irradiation with Co^{60} isotope. p. 71.
- Stepanskiy, V. I., Duglova, L. G. - Relationship between temperature and resting potential of *Rattus norvegicus* cells. p. 79.
- Zaugol'nova, I. B. - Morphogenesis of the formation of *Flaxinus* sp. 84.
- Nikol'skaya, L. D., Nikolovskiy, V. G. - A model structure in various granitoid plants. p. 93.
- Pimenov, M. G., Tikhomirov, V. N. - Fertilization and locomotion position of the *Enchytraeus* sp. 97.
- Stepanov, E. I. - Call formation and parasitism in the genesis in plants as pathological processes of adaptation. p. 105.
- Afanasyev, V. I. - Changes in chlorophyll in plants treated with gibberellin and ethylene. p. 110.
- Golovinskiy, I. B. - Effect of nikotin on the metabolism of gas exchange in *Enchytraeus*. p. 114.
- Shaposhnikov, V. N., Arkharov, S. A., Kozlov, E. I. - Micro-organisms participating in the catabolism of petroleum-contaminated waste. p. 118.
- Kuznetsov, V. I., Novitskiy, N. V. - Effect of exchange resin RFI in partially purified *Aspergillus terreus* 3374. p. 122.
- Levkina, L. M. - Race composition of *Chlamydomonas* in some districts of the Soviet Union. p. 128.
- Egorov, V. V. - Land improvement science and soil. p. 134.
- Wegenkötter, W. - Interrelationship between biological activity and human quality of environment following urethane fertilization. p. 137.
- Lisina-Kulik, E. S. - Characterization of various types of soils in the Latvian S.S.R. p. 140.
- Gajdosik, V. I., Kozlov, I. U., Skvartchuk, V. N. - Changing a number of labeled polyhydrocarbons. p. 140.
- Bellina, T. N., Belina, H. N. - Electrophoresis for stereotaxic operations of small laboratory animals. p. 153.
- Vafin, A. Z. - Use of polyethylene film in the study of insects. p. 155.
- Dubrovskiy, I. A. - Natural food of human flies. p. 157.
- SIMULUM. BOTANICHESKII SAD. Trudy IROPA GARDEN. Transactions. No. 10, 1967.
- Table of contents translated:
- Alba, I. G. - Object place of plant acclimation to the 125th anniversary of the Sakhalin Botanical Garden. p. 5.
- Vasil'ev, A. V. - Phytogeographical research introduction to the Sakhalin Botanical Garden. p. 13.
- Kolomoys, K. D., Ralov, N. K. - Phytoclimatic data on Sakhalin. p. 30.
- Oshkoshkova, K. I. - Some data on the biology of bamboo in Abkhaz. p. 72.
- Chochina, T. A. - Study of Japanese iris hybrids in the Sakhalin Botanical Garden. p. 75.
- Agapova-Kolomoyskaya, V. S., Trella, S. T. - Varieties of tulips and narcissus for cultivation on the Black Sea shore of the Caucasus. p. 108.
- Turchinskaya, T. N. - Landscape flower beds. p. 131.
- Ankova, K. D. - Basic characteristics of land and seedlings. p. 131.
- Ganila, Ch. K. - Problems of calculation and of soils in the Abkhaz A.S.S.R. p. 140.
- Vashladze, V. N. - Pests of ornamental plants and some grasses in the Black Sea coast. p. 145.
- TSENTRAL'NO-CHERNOMORYE GOSUDARSTVENNOYE ZAPovedNIK. Trudy [CENTRAL BLACK SEA RESERVE. Transactions]. Kurek, no. 10, 1967.
- Table of contents translated:
- Dokladov, G. I. - Originality of forest steppe. p. 3.
- Redelskiy, V. D. - Explanation of phytoecological role of various species under complex conditions of the meadow steppe. p. 17.
- TSIBANOV, N. A. - Dynamics of vegetation in northern steppe (seasonal and climatic changes exemplified by the Sireletskoye Steppe Province. p. 27.
- Paulerovskaya, M. I. - Characteristics of humus plants in the Sireletskoye Steppe. p. 29.

- Shutskiy, A. M. - History of the creation of geographical English oak cultures in the Central Chernozem Preserve. p. 50.
- Krasul'skii, A. M. - Characteristics of winter foliage and leaflessness of English oak. p. 50.
- Eliseeva, V. I. - Supplement to the list of mammals and birds in the Central Chernozem Preserve. p. 73.
- Eliseeva, V. I. - Fauna of lower terrestrial vegetation in the Central Chernozem Preserve. p. 83.
- Artukhovich, A. K., Kharshenko, N. A. - History and ecology of Mermukhale (Mormukhale) in the Strzhenskoye Steppes. p. 86.
- Dnesman, I. G. - History of Dabrovskaya Forest based on animal and bird study. p. 101.
- Gorlay, V. V. - Water balance in rich Chernozems of oak spruce forests and oak stands. p. 105.
- Kokovskiy, T. P. - Ash and carbon in oak forests grown in rich Chernozems. p. 133.
- Tselishchikova, L. K., Danilov, E. K. - Soil characteristics of the Strzhensky part of the Central Chernozem Preserve. p. 151.
- UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniki Akademii nauk USSR [Institute of Botany of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 25, no. 2, Mar.-Apr. 1969.
- Table of contents translated:
- Dudka, I. O. - New species of the order Hymenoptera (Hymenoptera). p. 3.
- Chaplyh, V. I. - Characteristics of the morphogenesis of *Alnus viridis* DC under experimental conditions. p. 17.
- Ostefan, V. D. - Nature of the variability of characters of Polygala serotina Moench. In: *Flora*. p. 25.
- Shchelo-Shester, M. H. - Population phytoecological parts of *Quercus robur* L. and *Tilia cordata* Mill. ranges. p. 32.
- Holubov, V. M. - Aspects of the vegetation of Crimean mountain pastures. p. 39.
- Melnychenko, S. O. - Forests of the Chernivtsy region. Report No. 2. Mountain forests. p. 46.
- Burda, E. M. - Is there a type of swamp vegetation? p. 55.
- Nikolayenko, L. D. - Characteristics of the anatomical structure of some phanerogams in early soils of the lower Dnieper Valley. p. 61.
- Bailonovskiy, A. A. - Some anomalies in the fruiting of apple (*Malus domestica* Borkh.). p. 70.
- Makharova, I. A. - Cytological and physiological study of the development of female gametophyte in eye of various phloem tubes. p. 79.
- Muskhak, P. O. - Content and state of nuclei acids in *Daphnia salina* Tund. as related to the NaCl concentration. p. 91.
- Rus'kin, O. O. - Effect of anhydrous, chromium and zinc on the accumulation of chlorophyll in grapevine leaves. p. 99.
- Kopylovskaya, E. H., Blum, O. H. - Alfred Nikolayevich Okunev on his 70th birthday. p. 103.
- Blum, O. H. - Scientific activity of the Institute of Botany of the Academy of Sciences of the Ukrainian S.S.R. p. 103.
- ZHURNAL OBIKHOIHOI BIOLOGI [JOURNAL OF GENERAL BIOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 29, no. 3, May-June 1969.
- Table of contents translated:
- Bazilevich, N. I., Brizhlov, A. V., Bosh, L. K. - Productivity of earth vegetation, general characteristics of its distribution and relation to climatic factors. p. 281.
- Mentshik, B. L. - Use of rancid and disintegratory analysis in botany as exemplified by the study of Caucasian oak. p. 272.
- Sokol, R. H. - Chemical taxonomy: methods and modern developments. p. 297.
- Raikova, E. V. - Morphology of nucleolus during meiosis growth in sturgeons. p. 310.
- Ostapenko, A. P., and others. - Transformation of the food energy by some species of planktonic Chlorella. p. 331.
- Itin, N. N. - Changes in thermosensitivity in the embryonic development of axolotls. p. 343.
- Kontar, V. A. - Population density expressed in mathematical terms. p. 352.
- Kontar, V. A. - Mathematical possibilities for an applied population classification. p. 357.
- Ogarkova, E. A. - Scientific conferences dedicated to the memory of Academician N. I. Vavilov. p. 360.
- Milokovich, M. S., Alshin, R. V. - Fourth European Conference on Comparative Endocrinology. p. 368.
- Slashchuk, L. A., Tsanovich, M. I., Samokosova, T. N. - Structure of the complex compounds of monovalent copper. p. 19.
- Melgaleev, H. A., and others. - On the existence of basic zinc silicates. p. 25.
- Bacov, E. A., and others. - Reduction of sodium tellurite by carbon monoxide. Report No. 1. p. 29.
- Amirgaliyev, N. A. - Ion exchange in the Dnieper River in a salt balance of the Caspian Sea. p. 35.
- Kozlov, L. F., Zaslavskiy, A. T. - Effect of temperature on the rate of electrode processes of thallium ionization on a lead amalgam electrode. p. 41.
- Rafikov, S. R., Turovskiy, M. M., Zhukov, B. A. - Reaction of epoxide resins by di- and polyamines of the aliphatic-aromatic series. p. 48.
- Davydova, E. G., Bekunov, E. A., Berezn, S. V. - Molecular weight distribution of macromolecular polyvinyl acetates. p. 55.
- Tolstikov, G. A., Gorkov, M. I. - Triterpenoids. Part 8: New triterpene acid (gambolic acid) from *Adiantum* sp. p. 60.
- Sokol'skiy, D. V., Omerlev, T. - Hydrogenation of isochlorin on a palladium catalyst. p. 64.
- Sokol'skiy, D. V., Davydova, E. G. - Catalytic properties of palladium alloys with platinum group metals. p. 70.
- Silybaev, D. K., Galskhan, V. G., Aksekov, E. A. - Catechization of oxygen-containing formaldehyde with phenol. p. 76.
- Azelan, I. N., Solovov, T. G., Makarov, U. - Aryloxyacetic esters of arene and heterocyclic alcohols. p. 83.
- Azelan, I. N., Solovov, T. G., Makarov, U. - Diethylacetoacetyl and diethylacetoacetyl esters of N-methylphenylalanine amide. p. 85.
- Argovskiy, I. E., Rafikov, S. R., Shostak, F. T. - Chemical transformations of polymers. Report No. 30. p. 89.
- Danilov, E. P. - Determination of the concentration of elements by the method of selective absorption. p. 97.
- Kaplan'skiy, A. D., Sorokov, B. V. - Oxidation of organic compounds. Report No. 1. p. 99.
- Rafikov, S. R., Deryabinenko, V. P., Zhukov, B. A. - Synthesis of polyimides based on a benzene-maleic anhydride adduct and different diamines. p. 101.
- Vol. 16, no. 4, Oct.-Dec. 1966.
- Table of contents translated:
- Dymakov, M. A., Tikhonov, V. V., Bekunov, E. A. - Some conditions of the composition of Karadag phosphates by a method of sodium acid and ammonium sulfate. p. 3.
- Dyer, R. S., Mazumder, A. I., Muir, A. I. - Some data on the forms of occurrence of bromine, iodine, and boron in lake deposits and soils. p. 6.
- Amirgaliyev, N. A. - Homogeneity of the water mineralization in separate branches of the Dnieper Delta. p. 13.
- Bakarev, E. A., Popovskiy, E. N., Malyshev, V. I. - Standard thermodynamic functions of tellurides and tellurates. p. 20.
- Yeprikov, M. K., and others. - Reduction of sodium tellurite by carbon monoxide. Report No. 2. p. 26.
- Selozova, N. A. - Preparation of high-purity selenium by means of ion exchange. p. 31.
- Sokol'skiy, D. V., Gorkov, M. I. - Hydrogenation of dihydroxyacetone on a Pd/C catalyst. p. 35.
- Komarov, Z. Kh., Bekturov, E. A. - Properties of synthesis of low molecular polyvinyl acetate. p. 43.
- Lisitsin, R. A., Amargaliyev, E. K., Shostak, F. T. - Properties of cation-exchange membranes "Anka-11 K-2". p. 47.
- Zykova, V. V., Vilikh, M. V., Mareeva, E. D. - Synthesis of anion exchangers based on polyallylamine and polyepoxide compounds. Report No. 3. p. 54.
- Ish, Zh. I., Spilykov, B. T., Sukolov, D. V. - Stereochemistry of nitrogen heterocycles. Part 14. p. 60.
- Pravlev, K. D., Sokolov, D. V., Malyshev, K. E. - Stereochemistry of nitrogen heterocycles. Part 10. p. 68.
- Azerbaev, I. N., and others. - Diethyl esters of 9-phosphorylacetoxymethylphenylphosphonic acids. p. 74.
- Tolstikov, G. A., and others. - Triterpenoids. Part 9: Acylation of 3-keto derivatives of 19-nor- and 11-glycyrrhetic acids and synthesis of triterpenoid azoles. p. 78.
- Kekelidze, M. A., and others. - Study of substances present in the composition of essential oils. Report No. 28. p. 80.
- Iskachenko, E. A., and others. - Infrared spectra of fractions of asphaltene of thermally cracked residues. p. 92.
- Umarova, R. U., Shapovalov, A. A., Savchenko, H. V. - Device for uniformly continuous delivery of solutes. p. 98.
- Lieth, H. A. - Mechanism of aluminum formation in metal-oxide systems. p. 175.
- Gordin, L., Ormrod, B. F. - With the zinc telluride homogeneity region. p. 182.
- Chernov, L. K., Gerasimov, N. P., Ereminov, V. V. - Galvanomagnetic properties of p-HgTe. p. 187.
- Baldakov, I. A., Nosovskiy, N. A., Shklov, I. P. - Magnetic susceptibility of vitreous arsenic sulfide. p. 193.
- Poplavskiy, A. S., Karashev, G. P. - Energy spectrum of ZnGeAs₂ and ZnSb₂ electronic. p. 196.
- Krestnikov, A. N., Malafayev, G. I., Glazov, V. M. - Study of gallium and its interaction with arsenic in germanium-base liquid solutions. p. 201.
- Tamanov, I. V., Gusev, I. S. - Thermal stability of thioacetates and thioacetates of alkali metals. p. 207.
- Kuchin, A. I., and others. - Infrared absorption spectra of acid sodium perchloropentoxide NaHClO₄. p. 213.
- Kuchin, A. I., Kharshenko, N. A., Nosovskiy, V. I. - Infrared absorption spectra of strontium and barium perchloropentoxides. p. 216.
- Kolobov, V. I., Chernikov, I. I., Kopylov, P. P. - Obtaining oxide semiconductor with surface jump in electron conductivity temperature dependence. p. 223.
- Savin, V. S., Sorokovskiy, V. T., Fishov, N. A. - Study of physical and chemical properties of solid solutions in the system Li₂O-H₂O. p. 227.
- Chernikov, V. I., and others. - Magnetic properties in the system Fe-O-SiO₂. p. 233.
- Chalyi, V. P., Lashchuk, E. N. - Study of the formation of nickel complex and zinc ferrites from hydroxides. p. 237.
- Nikolayenko, A. P., Serebrennikov, E. K., Khimov, V. V. - Effect of conductivity of solid solutions in the system BaTiO₃-CaTiO₃-PbTiO₃. p. 244.
- Sul'pina, M. P., Dushina, A. P., Arskovskiy, V. I. - Study of equilibrium in the exchange ofivalent cations on magnesium salt of polyethylene acid. p. 248.
- Sul'pina, M. P., Dushina, A. P., Arskovskiy, V. I. - Infrared spectra of magnesium salt of polyethylene acid. p. 253.
- Vydik, G. A., Morozova, T. V., Moroz, I. Kh. - Study of the process of polymerization. p. 254.
- Nemilov, S. V., Polukhin, V. N., Bonchuk, N. V. - Study of the viscosity of baked glass fiber in the area of softening and annealing. p. 263.
- Kuchin, A. I., Kuchin, I. V., Dushina, N. M. - Crystalization properties of alkali glasses. p. 269.
- Messarov, A. I., Vavilovskiy, V. A. - Relation between microstructure of residual magnesium samples and impurities in original magnesium powder crystals. p. 274.
- Lavynova, D. I., and others. - Some properties of germanium alloyed with antimony. p. 280.
- Koshkin, V. I., Mavrikov, M. A., Serebrennikov, G. M. - Graphite impregnation by liquid lithium under anisothermal conditions. p. 292.
- Strel'tsin, L. N., Pribludko, G. I., Strel'tsin, I. V. - Effect of electric field on fundamental absorption edge of lead sulfide films. p. 284.
- Chudomel, V. A., Mikhalov, T. M. - Synthesis of microfilm metal monovalent. p. 297.
- Kruglov, V. I., Strakshin, I. P. - Change of drift mobility in amorphous layers of As₂Se₃ film. p. 289.
- Bozhikova-Makarevich, Z., Vashukin, A. S., Novoselova, A. V. - Determination of saturated vapor pressure of solid bismuth telluride. p. 291.
- Opalovskiy, A. A., Vashukov, V. E., Mareeva, E. D. and electrical properties of lower polyalkylene ethylene. p. 293.
- Martynenko, G. P., Samoylov, V. V. - Effect of copper impurity on the radiation power of p-n junctions of gallium arsenide. p. 295.
- Rustamov, P. G., Alifanov, M. A., Mamedov, F. D. - Study of some physical properties of the system InTe-InSe. p. 297.
- Strel'tsin, L. N., Chumakov, V. I. - Effect of electric field on fundamental absorption edge of ferroelectric. p. 299.
- Saburov, T. A. - Relation between semiconductor properties of elements and tendency of their oxides to etch. p. 303.
- AKADEMIYA NAUK SSSR. Izvestiya. Seriya khimicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Chemical Series]. Moscow, no. 3, Mar. 1968.
- Table of contents translated:
- N. I. Shuklin on his seventieth birthday. p. 450.
- Frasova, T. P., and others. - Reaction of potassium superoxide with ammonium. p. 461.
- Budzevich, G. B., and others. - Synthesis and study of zeolites of polysiloxane hydride of different porous structure. p. 467.
- Zukarova, A., Dubinin, M. M., Kallits, O. - Dynamics of benzene adsorption by activated chars having different porous structure and granulation. Report 1: Equilibrium adsorption of benzene, parameters of the porous structure of active coals, and results of dynamic experiments. p. 476.
- Oleinik, E. P., Vasilievskaya, N. S., Ruzayev, G. A. - Some reactions of dehydrochlorinated polyvinyl chloride. p. 482.

- Kosterin, E. A., Christakov, I. G. - Structure of liquid crystalline para-azobenzene in constant electric fields. p. 295.
- Rapchak, H. M., Kostukova, E. P. - Quantitative estimate of the substructure of single crystals based on high resolution X-ray diffraction patterns. p. 302.
- Dzhanib, M. V., Tlapkin, R. D. - Three-dimensional profile of dislocation structure in an aging alloy of Fe-Be. p. 307.
- Kutlunov, A. V., Pilyukovich, A. N. - Line intensities in X-ray photographs of graphite structures. p. 311.
- Karpova, T. P., Imantov, R. M., Semiletov, S. A. - Electron diffraction study of the system Pd-Sb in thin layers. p. 316.
- Ieremov, V. L., Zetlagina, A. P., Peregudov, A. - Calculating the intensity of two-phase scattering of X rays by two-phase crystals. p. 322.
- Sviridov, D. T., Blakhin, V. V. - Correlation between the optical spectra of crystals in the conduction group and their structure. p. 323.
- Zetlagin, D. B. - Indexing of electron diffraction pictures and properties of structures with arbitrary crystal orientation. p. 325.
- Kagan, A. S., and others. - Effect of dislocations in Fourier analysis of thin films. p. 326.
- Ushakov, G. S. - Electron diffraction study of ammonium iodide. p. 328.
- Ponkov, I. N., Salur, I. A. - Study of As_2Se_3 using the oscillatory quadrupole moment method. p. 330.
- Mikheev, V. A., Pilyev, A. A., Sviridukova, I. N. - Microscopic properties of the calcium vanadates CaV_2O_7 , $Ca_2V_2O_7$, $Ca_3V_2O_7$. p. 330.
- Nesenenko, M. M., Delalov, B. M., Rodionov, M. K. - Refractive index and electro-optical effect in KCl crystals containing impurities. p. 335.
- Vasilevskaya, A. S., Stanin, A. S. - Growth of the square effect of the electro-optical properties of crystals of ammonium dihydrophosphate. p. 337.
- Nogov, H. N. - New phase transition in the ferroelectric substance SiS_2 . p. 338.
- Slukov, D. A., Min, V., Stanin, A. S. - Antimonic thermodynamic control in KDP and DKDP single crystals. p. 339.
- Qavrilchenko, V. G., Dulevich, V. P., Pechenko, E. G. - Natural uniaxiality of barium titanate crystals grown by Baur's method. p. 342.
- Belov, K. P., and others. - Magnetic anisotropy of neodymium orthoferrite. p. 344.
- Kapustin, A. P., Bykova, N. T. - Phase transitions in liquid crystals of the polyisomeric type. p. 345.
- Vietin, I. K., Kapustin, A. P. - Barium in liquid crystals of the smectic type. p. 349.
- Tashiro, A. S., Pilyukovich, H. G. - X-ray scattering in liquid gallium nitride. p. 352.
- Shterel'dova, M. A., Pilyukovich, L. H., Goshvinkov, A. A. - Some paramagnetic centers in quartz structure. p. 353.
- Smalukov, I. V., Tkachenko, V. F. - Studying the deformation state of PMS using the method of luminescence analysis of the shape of luminescence lines. p. 356.
- Guseva, I. N., Delalov, V. S. - Homogeneity of synthetic quartz crystals. p. 360.
- Belashin, A. V., Trilnikov, S. S. - Tripping of the solution by growing crystals. p. 363.
- Azhazha, E. G., Vol, H. T. S., Ksenizaki, I. G. - Electron diffraction and electron spectroscopic study of different oxide films. p. 366.
- Klimenko, A. P., and others. - Single crystal germanium films on gallium arsenide deposited by thermal vaporization in a vacuum. p. 367.
- Poshtnikov, V. S., Levlev, V. M., Zolotarev, I. V. - Epitaxial growth of Al, Ag, and Cu films on NaCl crystals. p. 371.
- Belov, N. V., P. P. Evn'd; in his book bibliography. p. 373.
- MOSCOW UNIVERSITY. Vestnik. Series 2: Khimiya [UNIVERSITY. Review. Series 2: Chemistry]. Vol. 23, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Teplov, K. V., Krut'nikov, M. K. - Chemical properties of yttrium oxide. p. 3.
- Konov, G. S., Stepanov, N. F., Tulevskii, V. M. - Determination of potential energy matrices by the method of their consistency. p. 9.
- Tulin, V. I., Tulevskii, V. M. - Systematic errors in the method of pure rotational Raman spectra. p. 15.
- Kuk-dang, Cheun and others. - Raman spectra of some compounds of the phenylchloropropane series. p. 20.
- Shakhparonov, M. I., Lashina, L. V., Merzhanov, I. A. - Rayleigh light scattering and structure of liquids. p. 24.
- Merzhanov, I. A., Ankin, A. G. - Stationary distribution of impurity in a crystallization column. p. 30.
- Kotovskaya, E. K., Konarova, T. A. - Picric acid crystallization from different solvents. p. 34.
- Anashkin, M. G., Vilkov, I. V. - Quasi-kinematic approximation of radial distribution function. p. 38.
- Alkushina, M. A., Tolstolupova, A. A. - Conversion of isopropyl alcohol and cyclohexane on binary chromium-cerium oxide catalysts. p. 42.
- Agrenov, A. E., Iavkin, N. G. - Catalytic properties of Ni catalysts prepared by decomposition of azalane. p. 47.
- Saroslavskiy, G. K., and others. - Catalytic activity of rhodium and ruthenium in ethane hydrogenolysis. p. 52.
- Vasileva, O. I., Smirnovskaya, I. A., Karakhanova, M. L. - Platinum tetrachloride and tetrachloride. p. 56.
- Lapina, S. S., Traifina, E. P., Savich, I. A. - New chelate compounds of gallium and indium. p. 61.
- Kolenev, U. M., Riazov, R. - X-ray diffraction study of platinum and palladium pentahalogeno-complexes. p. 65.
- Prislov, I. A. - Determination of vaporization parameters using effusion measurement data. p. 69.
- Beribayev, S. S. - Distribution of silver grain quantities of bromine between gaseous and solid phases of iodine. p. 79.
- Kayasev, B. V., Sychev, U. N. - Zone crystallization as a method of purification. p. 85.
- Trel'takov, U. D. - Use of galvanic cells for obtaining precise thermodynamic data. p. 89.
- Korotchev, T. B., Khatler, V. A., Kozlov, P. V. - Thermal effects of the softening of polyethylene terephthalate. p. 98.
- Kirichenko, I. A., Trushtkin, V. A. - Effect of the addition of Si, Ti, Co, Cu on the aging of some high-temperature alloys of the Fe-Ni-Al system. p. 102.
- Kirzhakov, N. G. - Some regularities of the formation of salt solid solutions. p. 109.
- Iusev, A. I., Sokolova, T. A. - Reaction of tungsten (VI) with complexones. p. 115.
- Pover, A. I., and others. - Complexometric determination of gallium and aluminum present in the same bath. p. 119.
- Shakhova, Z. F., Semenovskaya, E. N. - Spectrophotometric study of hydrolytic heteropoly acids of thorium and zirconium. p. 122.
- Ivanov, N. P., Kozlov, G. V. - Some new applications of electrodeless lamps in atomic absorption spectrophotometry. p. 127.
- Belashin, T. A., Dobromirskaya, G. B. - Zirconium sorption from aqueous-organic solutions of hydrochloric acid by KD-2 and AV-17 ion exchangers. p. 131.
- Nikolaeva, E. R., Agapov, P. K., Gerasimov, K. K. - Glauconite (reaction of molybdenum (VI) by vanadium (II) and chromium (III) solutions. p. 135.
- Shterel'dova, M. A., Sorokina, T. P., Levina, R. A. - Cyclopentadiene and cyclohexadiene. Reaction of electrocyclic substitution in the series of 1-phenyl-10, 12-p-bicyclopentadienes. p. 140.
- Shay, A. B., and others. - Chemical nature of unreacted forms and "pantocin." p. 145.
- Abshakov, M. A., and others. - Stereoselective transformation of individual cis- and trans-3-methyl-2-pentenes in the presence of metals of group VIII. p. 148.
- Vladimirov, M. A., Korotova, I. V. - Isopropyl acetate as an acetylating agent in organic analysis. p. 153.
- Antshukova, O. S., Chizhikova, N. D., Iudin, L. G. - Synthesis and vibrational spectra of N-chlorophthalimide and N-chlorophthalimide. p. 155.
- Konstantin Grigor'evich Khimichkov. p. 156.
- RADIOCHEMIA [RADIOCHEMISTRY]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 10, no. 1, 1968.
- Table of contents translated:
- Nurkov, A. I., Pirogova, T. A. - Separation of thorium and rare earth elements in the precipitation of thorium hydroxide. p. 3.
- Vodorenko, V. M., and others. - Acid properties of hydrate water in nonaqueous salt solutions. p. 6.
- Moskva, A. I. - Complex formation of U(VI), Np(VI) with hydrogen peroxide and Np(VI) in oxalate solutions. p. 13.
- D'achkov, R. A., Kirichukov, V. P., Spiteva, V. M. - Complex formation of protactinium with acetylacetonate in perchloric acid solutions. p. 21.
- Pashinikov, M. F., Usachev, V. M. - Thermal stability of solvate $UO_2(NO_3)_2 \cdot 2H_2O$. p. 27.
- Gridasova, H. K., Kolosov, I. V., Ivanov-Emil, D. N. - Study of the interaction of scandium with oxalate ion by means of ion exchange. p. 37.
- Kirina, L. S., Zaitsev, V. M. - Separation of potassium and tellurium by means of paper chromatography. p. 42.
- Grubberg, A. A., Kolesnikov, U. N., V'lugina, A. F. - Isotopic exchange of bromine in some bromoammoniates of trivalent platinum. p. 46.
- Avilina, E. N., Minkovskii, E. B. - Reactions of lithium cations in binary mixtures of benzene with cyclohexane in the presence of different amounts of iodine. p. 51.
- Gabov, N. I., Korshunov, I. A. - Formation of organic bond by the reaction of radioactive phosphorus after nuclear reaction $^{35}Cl(p, n)^{35}P$ in chloro-methanes. p. 56.
- Gabov, N. I., Korshunov, I. A. - Formation of phosphorus-32 labeled alkyl phosphates during nuclear irradiation of carbon tetrachloride with addition of alcohols. p. 61.
- Petrovskii, A. B. - Determination of halonium concentration in alkyl compounds. Part 3. p. 70.
- Ukorskiy, E. E., Seleznev, B. L. - Neutron activation determination of cobalt in rocks using scintillation counter separation. p. 76.
- Nurkov, A. I., Pirogova, T. A. - Separation of americium and gold and thallium by the coprecipitation of thallium with iron hydroxide. p. 82.
- Shtechekorskiy, V. N., Ugarov, E. M. - Separation of 80Y from preparations of 80Sr using the sorption method on glass powder. p. 83.
- Barakova, K. V., Iudin, V. N. - Separation of plutonium from some elements on a zirconium phosphate silicate sorbent. p. 88.
- Jeev, V. L. - Extraction by tributyl phosphate from hydrochloric acid solutions. Part 1: Calculation of the coefficients of distribution of hydrochloric acid. p. 88.
- Lapshin, E. V., Goshenko, P. P. - Extraction of alkaline earth metals from perchloric acid solution by tributyl phosphate. p. 90.
- Lebedev, I. A., and others. - Complex formation of americium, curium, cerium, and promethium with diethylglyoxime and picric acid. p. 93.
- Gritchev, A. A., Petrovskii, B. I., Semakova, I. N. - Determination of the magnitude of the change of complex anions by means of ion exchange. p. 96.
- Lebedev, I. A., Shtechkov, A. B., Iakubov, G. N. - Complex formation of Ce(III) with hexamethylene diamine tetraacetic acid. p. 99.
- Shtechkov, A. B., Vasil'eva, V. V. - Complex formation of Am(III), Cm(III), and Ce(III) with ethylenediamine, triethylamine, and triethylamine. p. 102.
- Kozlovskaya, E. U., Kozlov, G. M., Ilyukova, T. A. - Oxidation of UO_2 at temperatures below 300°C. p. 105.
- Ilyukova, T. A., Kozlov, G. M. - Use of alkyl ammonium salts for dissolution of inorganic compounds. Part 1: Selective dissolution of precipitates of mixed oxalates of U(VI) and Ce(III). p. 109.
- Tikhonov, V. K., Petrovskii, N. V. - Use of a strong single AV-17 ion exchanger for the separation and purification of thorium. p. 111.
- Chukin, P. I., Shtechkov, T. K., Shtechkov, I. P. - Rapid determination of thorium 224 (^{224}Th) in silicate rocks by the emanation method. p. 113.
- Ilyuk, I. A., Helgevic, R. F., Korshunov, I. A. - Method of preparation of homogeneous sources on an aluminum paper. p. 115.
- Zverev, V. L. - Methods of studying natural plutonium. p. 116.
- Delonovskii, M. P., Gumbart, K. K., Popov, N. P. - Determination of thorium in rocks and minerals with the removal of interfering elements by the extraction of cupferrates with chloroform. p. 119.
- Pavlovskaya, L. N. - Separation of americium-155 without carrier from irradiated samarium oxide. p. 122.
- Zaburakov, K. B., Mochalova, H. A. - Effect of the melting process by emanation curves. p. 123.
- Bokun, I. N., Zaburakov, K. B. - Estimation of the absorbed dose in the application of the emanation method. p. 124.
- REFERATIVNYI KHURNAL: KHIMIYA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut Nauchnoi Informatsii Akademii Nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, Formirovnyi ukazatel', vol. 5-8 za 1968 g.
- RUSSIA (1923- U. S. S. R.) Mirodovaya vysshaya shkola i nezavisimyye obrazovaniya. Izvestiya vsesoyuznogo uchebnoy zavedeniya, Khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]. Moscow, vol. 10, no. 11, 1967.
- Table of contents translated:
- Ushakov, I. G., Kordunova, N. G. - Solubility diagram of the system cobalt sulfate - cobalt nitrate - water at 25°C. p. 117.
- Kharov, U. V., Savitsky, G. G., Shtechkov, G. T. - Electrochemical and radiolysis of lead azide containing. p. 119.
- Krasnaya, I. A., Merzhanov, V. E. - Study of the kinetics of the reduction process of molybdenum (VI) on a molybdenum cathode. p. 119.
- Antonov, R. R., Riazov, I. P. - Precipitation of aluminum from its separation from iron, manganese, cobalt, and zinc using dipicric acid. p. 1200.

1. Kozlovskiy, M. G., and others. - Behavior of epichlorohydrin in the presence of polyalkylamine hydrochlorides in the synthesis of polyepichlorohydrin. *Report No. 10*. New method of synthesizing macrocyclic compounds. Report No. 10. Kinetics of intramolecular alkylation of 2-(1-haloalkyl)-5-(carboxyalkoxy) thiophenol in the presence of potassium carbonate. p. 754.
2. Taitz, S. Z., Krasnolaskaya, E. A., Goldfarb, I. A. - New method of synthesizing macrocyclic compounds. Report No. 10. Kinetics of intramolecular alkylation of 2-(1-haloalkyl)-5-(carboxyalkoxy) thiophenol in the presence of potassium carbonate. p. 754.
3. Ivanov, H. E., Vasilina, L. A., Vaynshteyn, T. G. - Intramolecular kinetics of Mannich phenol reaction with triethyl phosphite. p. 760.
4. Ivanova, N. V., and others. - Transformation of cyclohexene in the presence of alkyl arylidene support. p. 773.
5. Freidlin, I. Kh., Slart, V. Z., Gornov, I. H. - Relationship between aprotic activity of aldehyde oxide and the catalytic activity in hydroxylation reaction. p. 777.
6. Slart, V. Z., and others. - Relationship between aprotic activity of aldehyde oxide and the catalytic activity in hydroxylation reaction. p. 777.
7. Rabitskiy, A. M., and others. - Synthesis and catalytic properties of nickel-zinc catalysts. p. 780.
8. Baranov, V. G., Pukhov, V. P. - Catalytic activity of alkyl support in gas-liquid hydrogenation. p. 791.
9. Nesmelov, A. N., and others. - Nuclear magnetic resonance spectra of organotin derivatives of formic acid and hydroxypropylidene. p. 794.
10. Vukobrat, M. S., and others. - Mass spectrometry of steroid systems. Report No. 10. Determination of the configuration of model monosaccharides of the 1-alkylcyclohexanol series. p. 801.
11. Alekseyev, V. T., and others. - Vibrational spectra of some alkylcyclopropanes and steroidal derivatives. p. 807.
12. Laiter, L. I., Iakerson, V. I., Kagan, I. A. - Infrared spectra of catalysts and adsorbed molecules. Report No. 8. Analysis of a vibrational spectrum of 1-alkyl alcohol. p. 813.
13. Bratova, E. M., Minacheva, M. Kh., Ioshin, B. V. - Synthesis and properties of cyclohexanone compounds of hafnium. p. 817.
14. Ustinov, I. U., Frolov, S. I., Mikhlin, P. M. - Organotin compounds. Report No. 10. Determination of the structure of 3-alkylcyclohexyl, 1-alkylcyclohexyl and 2-alkylcyclohexyl derivatives. p. 820.
15. Andrianov, K. A., Makhuray, L. I., Zhurav, T. A. - Addition of chloroacetic hydride to dialkyl ketones. p. 822.
16. Namik, N. S., and others. - Expansion reaction of 1-alkylcyclohexyl ketones with the effect of nucleophilic reagents. p. 830.
17. Kuznetsov, B. V., and others. - Oxidation of 1-alkylcyclohexyl ketones with 1-alkyl-3-one and 1-alkyl-2-one in the presence of the Speier catalyst. p. 833.
18. Sirovskiy, G. A., Kuznetsov, L. I. - Thermochemical stability of 1-alkyl-3-one. p. 833.
19. Kucharskiy, S. T., Rodin, R. M., Kuznetsov, L. I. - Alkylating properties of alkylcyclohexyl ketones. Report No. 1. Complexes of alkylcyclohexyl ketones with trialkylamines. p. 837.
20. Grechko, N. P., Shapovalov, R. H., Ioshin, B. V. - Reaction of thionyl chloride and dialkyl ketones of glycerolphosphoric acids with chloral. p. 854.
21. Mitrova, V. A., and others. - Cyclic unsaturated compounds. Report No. 25. Reversible thermal isomerization of 1- and 8-methylcyclohexadiene. p. 858.
22. Krut'ko, M. Z., and others. - Cyclization of unsaturated compounds. Report No. 20. Cyclohexadiene and cyclohexadiene derivatives. p. 860.
23. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
24. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
25. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
26. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
27. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
28. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
29. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
30. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
31. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
32. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
33. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
34. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
35. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
36. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
37. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
38. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
39. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
40. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
41. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
42. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
43. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
44. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
45. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
46. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
47. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
48. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
49. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
50. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
51. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
52. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
53. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
54. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
55. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
56. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
57. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
58. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
59. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
60. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
61. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
62. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
63. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
64. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
65. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
66. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
67. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
68. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
69. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
70. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
71. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
72. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
73. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
74. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
75. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
76. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
77. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
78. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
79. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
80. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
81. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
82. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
83. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
84. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
85. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
86. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
87. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
88. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
89. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
90. Krut'ko, M. Z., and others. - Cyclohexadiene and cyclohexadiene derivatives. p. 860.
91. Krut'ko, M. Z.,

Shostakovskii, M. F., Kondratov, N. V., Iatash, D. G. - Reaction of ethynylsilanes with mercury acetate and telluric, p. 906.
 Grigor'eva, V. V., Patek, D. A., Zakharkin, L. I. - Reaction of diisobutyl- and diethylammonium hydrides with α -acetylenes, p. 910.
 Eremenko, L. I., Natsidilov, E. Ia. - Synthesis of fluoromethyl methylene and 3-fluoro-2,2-difluoroethane, p. 912.
 Sokolovskii, M. I., and others. - Hydrochlorination of β -substituted alkenes, vinyl ethers, p. 915.
 Gerasimov, V. I., Mikhailovskii, I. A., Zaslavskii, S. I. - Catalytic dehalogenation of 5-halogenoacetyls, p. 916.
 Gerasimov, V. I., and others. - Some features of the reaction of β -substituted compounds with acetylene, p. 919.
 Isayevskii, N. V., Vukobrat, A. A., Ertsov, V. V. - New functional derivatives of hindered phenols, p. 921.
 Golovinski, R. V., Minin, H. A., Zhuravskaya, L. L. - Ratio of acids in volatile substances of pyrolysis and sodium acetate, Dutch and Russian cases, p. 922.
 Fedotkin, L. I., and others. - Polarography of α -acylenolactones, substituted carbonyl compounds, p. 924.

ARMIANSKII KHIMICHESKII ZHURNAL [ARMENIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk ARMIANSKOI SSR [Academy of Sciences of the Armenian S.S.R.]. Yerevan, vol. 19, no. 7, 1969.
 Table of contents translated:
 Kostanian, K. A. - Certain aspects of the theory of electroconductivity of molten glasses. Part I, p. 471.
 Markovitch, A. M. - Theory of adsorption processes. Part 2, p. 479.
 Avetisyan, S. N., Karpapian, R. A. - Preparation of antioxydant compounds of cobalt, nickel, and copper chlorides, p. 490.
 Mekhitarian, S. A., Vartanian, S. A. - Effect of acid and alkaline treatment of solid catalysts on the effectiveness of column during the separation of compounds of different polarities, p. 494.
 Mekhitarian, G. M., and others. - Halo derivatives of alkenes. Part 2: Addition of alkylbromomethyl groups to 2,3-dichloro-1,3-butadiene. Synthesis of 5-alkoxy-2,3-dichloro-1,3-pentadienes, p. 500.
 Vartanian, S. A., Grigor'yan, L. G., Zhambartyan, V. N. - Chemistry of vinylacetylene. Part 62: Oxidation of vinylacetylene compounds by means of perhydrol in solution of acetic acid or acetic anhydride, p. 507.
 Vartanian, S. A., and others. - Chemistry of vinylacetylene. Part 64: Structure and some transformations of 1,1-dialkylamino-5-methyl-2,3,4,4-hexatriene, p. 511.
 Vartanian, S. A., and others. - Chemistry of vinylacetylene. Part 66: Addition of α , β -dichloroethyl ether to vinylacetylene, isopropylvinyl ether, and alkoxyvinylvinylacetylenes and some transformations of chlorides obtained, p. 520.
 Baribakian, G. G., Avetisyan, M. P., Matosyan, S. R. - Synthesis and polymerization of β -aryl-substituted ethynyl ketones, p. 527.
 Arakchian, A. L., Papayan, G. L. - Studies in the field of isobutyl derivatives. Part 3: α -isobutyl- and 3-(5-methoxy-1-methoxypropoxy)phenol, p. 533.
 Arakchian, A. L., Papayan, G. L., Vasilian, L. S. - Studies in the field of isobutyl derivatives. Use of ketones and aldehydes of the isobutyl series in the synthesis of hydrazones, p. 539.
 Glushchikyan, L. V., Papayan, T. Z. - New derivatives of 2-(α -methoxyphenyl)-1-aminopropanol, p. 542.
 Eglitarian, M. S., Dasarian, L. A. - Preparation of calcium cyanamide in a fluidized bed of limestone (lime). Part 2, p. 547.

Vol. 19, no. 9, 1969.
 Table of contents translated:
 Kostanian, K. A., Sakian, K. S. - Effect of beryllium, magnesium, and barium oxides on the electroconductivity of molten glasses, p. 643.
 Mashevich, A. V., Aleksanian, V. T., Badanian, Sh. O. - Analysis of the vibrational spectrum of butadiene, p. 650.
 Orukhadzhian, G. A., and others. - Semiconducting properties of polyacetylenes, p. 650.
 Taratyan, V. M., Galibekian, A. G. - Reaction of hydrochloric acid with perchlorate ion, p. 662.
 Orukhadzhian, L. N., Proskan, A. N., Vartanian, S. V. - Spectrophotometric study of the reactions of phenol and molybdenum with thionine, p. 669.
 Indzhikhan, M. G., Gogelian, Zh. G., Babatun, A. T. - Studies in the field of amines and ammonium compounds. Part 48: Rearrangement of quaternary hydrazinium salts, p. 674.
 Babatun, A. T., Tagmazian, K. TS., Babatun, G. T. - Studies in the field of amines and ammonium compounds. Part 49: Intramolecular reaction of the diene synthesis type in an aqueous-alkaline decomposition of ammonium salts, p. 678.
 Babatun, A. T., Tagmazian, K. TS., Babatun, G. T. - Studies in the field of amines and ammonium compounds. Part 50: Formation of ammonium ylide by breaking the carbon-nitrogen bond, p. 685.

Edzhikhan, M. G., and others. - Studies in the field of amines and ammonium compounds. Part 51: Alkaline decomposition of quaternary ammonium salts containing an α -substituted allyl group. Example: a buten-2-yl or 3-chlorobuten-2-yl group, p. 693.
 Vartanian, S. A., Pivchan, S. K., Tokmadzhian, H. V. - Chemistry of vinylacetylene. Part 63: Reaction of parafomaldehyde with tertiary acrylate glycols in the presence of sulfuric acid, p. 702.
 Vartanian, S. A., Pivchan, S. K., Tokmadzhian, H. V. - Chemistry of vinylacetylene. Part 65: Hydrolysis of symmetrical and asymmetrical acrylate glycols to corresponding vinylacetylene alcohols and diene hydrocarbons by means of sulfuric acid, p. 711.
 Arakchian, O. L., Papayan, E. H. - Studies in the field of the derivatives of substituted acetic acids. Part 25: Dihydroxypropyl esters of α -alkoxytriacetic acids, p. 716.
 Arakchian, O. L., Avetisyan, S. A., Avetisyan, K. E. - Derivatives of diisobutyl carboxylic acids. Part 28: Some α -(α -alkoxyphenyl) succinimides, p. 722.

ELEKTROKHIMIJA [ELECTROCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 5, May 1969.
 Table of contents translated:
 Kozlovskii, L. I., Zolotarevskii, I. A. M., Hendrikson, V. A. - The electrochemical effect of the metal-electrolyte interface. Part I, p. 499.
 Dvornik, S. S., Potemkin, A. V. - Anodic evolution of oxygen on lead in sodium alkali solutions, p. 501.
 Mikhlin, A. A., Pelentchikov, A. G., Danilov, R. Kh. - Electrochemical corrosion and oxidation of rhodium, p. 504.
 Pech, O. A., Fedotkin, M. - Nonsteady state processes occurring in contact of a rhodium electrode with solutions of organic substances, p. 504.
 Gerasimov, V. I., Ryakov, A. A., Pribludnitskii, Z. I. - Effect of reversing current parameters on the process of copper electrodeposition, p. 509.
 Fedotkin, L. G., and others. - Causes of the current drop on polarization curves connected for the hydrogen current, p. 525.
 Gerasimov, V. I., Ryakov, Z. A. - On the theory of polarization currents in solutions. Part I, p. 529.
 Frankin, A. M., Grigor'ev, N. B. - Applicability of the Gouy-Chapman theory to the diffuse layer in the case of a platinum electrode, p. 533.
 Poliak, A. G., Vasilev, D. H., Bogatikh, V. S. - Kinetics of the anodic oxidation of formic acid on a palladium electrode, p. 535.
 Nekrasov, L. N., Korsun, A. D. - Polarographic method of a rotating disk electrode with a ring for the study of processes of electrochemical reduction of benzophenone and benzaldehyde, p. 539.
 Galov, B. M. - Influence of the hydrodynamic flow periodically changing with time into limiting diffusion current, p. 542.
 Neretchev, E. A., Brk, H. H., Khrizov, S. T. - Nature of bonds on the polarization curve in the electrodeposition of silver from cyanide electrolytes, p. 545.
 Polunovskaya, K. S. - Measurement of the boundary tension of amalgams by means of a capillary electrometer, p. 549.
 Gidus, Z. - Chronopotentiometric studies of the electrode process with preceding chemical reactions and oscillographic study of the process with a subsequent dimerization reaction, p. 553.
 Vas'ko, A. T., Bolinskii, V. N. - Study of the acidity of a layer adjacent to an electrode in the process of codeposition of tungsten and nickel, p. 558.
 Karpachev, S. V., Fyazov, A. T. - Impedance at the interface of a platinum electrode and solid electrolyte Ag₂Se, p. 560.
 Akovleva, E. V., Keta, Kh. E., Nikolaeva-Fedrovich, N. V. - Oxidation reaction of Eu²⁺ on a dropping mercury electrode, p. 563.
 Dolido, W., Isanova, R. V., Damaskin, H. B. - Measurement of the electric double layer capacity on mercury in dimethylformamide solutions, p. 567.
 Polukharov, I. D. M., Semenov, Z. V. - Determination of the probability of appearance of crystal lattice packing defects in electrolytic nickel deposits, p. 568.
 P'linkova, A. P., Iofa, Z. A. - Effect of carbon monoxide absorption and formation of iron carbides on the electrochemical behavior of iron electrode in alkaline solutions, p. 571.
 Krichmar, S. I. - Taking account of convection in a theoretical study of the leveling effect, p. 574.
 Krotova, M. D., Mianin, V. A., Pleskov, I. V. - Dependence of the differential capacity of semiconductor electrodes on frequency, p. 579.
 Malozor, S. G. - Influence of chloride ions on copper electrodeposition on solid electrodes, p. 581.
 Nicklov, I. F., and others. - Diffusion coefficients of divalent zinc in chloride and chloride-fluoride media, p. 584.
 Merkulov, A. V., Feroz, V. N. - Modification by means of sulfide additions of the electrochemical characteristics of zinc electrodes in alkali solutions, p. 587.

Aleksandrovich, S. A., and others. - Application of the theory of vibrational spectra to the identification of the operation mechanism of a metal oxide electrode, p. 590.
 Gerasimov, V. I., and others. - Distribution of naphthalene levels in water, p. 593.
 Mylnikov, V. S., Sidorovskii, L. - Spectral sensitization of the indirect photoeffect in semiconductors by means of organic polymers, p. 595.
 Damaskin, H. B., Pech, O. A. - Model for prepotential dependence of the surface current on the potential of the electrode discharging hydrogen and oxygen, p. 598.
 Bakharev, V. V., and others. - Differential capacity curves on metals of the iron group and their interpretation, p. 601.
 Sokolov, A. M., Levinskaya, M. K. - Reversal of the electric to ductivity values of salt solutions in anhydrous dioxane mixtures, p. 603.
 Voloshin, A. G. - Reversible discharge of a substance having a constant activity having irreversibly binding of the reaction product, p. 607.
 GIDROKHIMICHESKIE MATERIALY [MATERIALS IN HYDROCHEMISTRY]. Issued by gidrokhimicheskii Institut (Novosibirsk) Akademiia nauk SSSR [Hydrochemical Institute (Novosibirsk) of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 43, 1969.
 Table of contents translated:
 Nina Petrovna Martcheva 1939-1967, p. 3.
 Malcev, A. A., Ishchenko, O. I. - Removal of soluble substances from the atmosphere on the surface of small water bodies, p. 5.
 Denisova, A. F. - Characteristics of the change of the hydrochemical regime of the Dnieper River in the regulation of its streamflow, p. 10.
 Komenko, A. D., Kuz'menko, N. M., Almazov, A. M. - Hydrochemical prognostication of sulfate waters of the Ukrainian S.S.R. in the periods of low and high water, p. 27.
 Polysheina, S. A., Mikhcheva, N. P. - Calcium-carbonate equilibrium in the water near the dump of the Tshlypanskye Reservoir, p. 37.
 Tarasov, M. N., Korynevskaia, L. M. - Stability of the chemical composition and mineralization of the water in ponds in Ukraine, p. 42.
 Paltovskaya, V. S., Pogoda, V. I., Vokhovskii, N. V. - Formation and composition of sulfate waters in the mountain sections of the Kama basin, p. 48.
 Ivanova, A. A., Korynevskaia, L. M. - Discharge flows in the territory of the U.S.S.R. of rare and valuable mineral elements found in the dissolved state in the composition of suspended matter, p. 63.
 Semenov, A. D., Kuz'menko, N. S. - Carbonyl compounds in natural waters, p. 83.
 Semenov, A. D., and others. - Organic substances in some lakes of Kalinin Province. Part I: Preliminary data on the composition of water in Lake Penu, Okolov, Glukhovo, and Shuyev, p. 88.
 Tarasov, M. N., Lapshin, T. P. - Migration of salts in the aquatic zone in irrigation, p. 94.
 Tarasov, M. N., Danilov, V. V., Lapshin, T. P. - Change of the regime of ground waters in the self-flowing zone of the Lower Dniepr irrigation system in connection with irrigation, p. 101.
 Morozov, V. I., Albov, S. V. - Content of micro-components in salts and saline waters in Lake Sivas and the Voronezh Lakes, p. 113.
 Katsiva, P. P., and others. - Hydrochemical characteristics and some features of the formation of the chemical composition of mine waters in the Kharkov deposit, p. 117.
 Almazov, A. M., Etkin, I. G. - Content of sodium and potassium in natural waters of different mineralization, p. 131.
 Labedeva, E. M., Fomenko, N. G., Kaplin, V. T. - Map of the pollution of surface waters in the Donets basin with waste waters from enterprises of the coal industry, p. 138.
 Ouzalova, M. M., Kaplin, V. T., Fomenko, N. G. - Pollution of Volgograd Reservoir by phenols and petroleum products, p. 140.
 Kaplin, V. T., Panchenko, S. E., Shlychkova, V. V. - Pollution of the Sengil River by waste waters of Grozny, p. 153.
 Zevin, A. A., Khrizov, O. A. - Some results of the study of the Ayda River in connection with its pollution by nonpurified mine waste waters, p. 163.
 Nazareva, L. N., Korynevskaia, L. M., Khrizov, A. G. - Formation of acid waters in mines of the eastern part of the Donets basin, p. 169.
 Korynevskaia, L. M., and others. - Effect of waste waters on the chemical and bacteriological composition of the water of the Volga River in the Volgograd portion, p. 176.
 Kaplin, V. T., Panchenko, S. E., Shlychkova, V. V. - Effect of bottom sediments on the self-purification of water bodies from nonvolatile phenols and naphthols, p. 182.
 Kaplin, V. T., Zornova, I. S., Kosogova, A. S. - Study of the decomposition of anion synthetic surfactants on models of water streams, p. 189.

- K. Stern, E. A., Christman, L. G. - Structure of liquid crystalline para-azoxyanis in constant electric fields. p. 295.
- Boynitskii, B. M., Kostitskaya, E. P. - Qualitative estimate of the substitution of stable crystals based on high resolution Laue diffraction patterns. p. 302.
- Orskoff, M. V., Trapp, H. D. - Three-dimensional periodic modulated structure in an aging alloy of Fe-Re. p. 307.
- Kondimov, A. V., Pyhankovich, A. N. - Long interest in X-ray photographs of graphite structures. p. 311.
- Karpava, T. P., Ivanov, R. M., Semakova, S. A. - Electron diffraction study of the system Fe-Si in thin layers. p. 316.
- Ivanova, V. I., Zelazhina, A. P. - Paraphase - Calculating the intensity of two-photon scattering of X-rays by two-atom crystals. p. 322.
- Schubert, D. T., Thibault, V. V. - Correlation between the optical spectra of crystals in the common group and their structure. p. 323.
- Zelazhina, A. P. - Indexing of electron diffraction pictures and projecting of structures with arbitrary crystal in rotation. p. 325.
- Kagan, A. S., and others. - Effect of disorientations in Fourier analysis of thin films. p. 326.
- Ufere, G. S. - Electron diffraction study of ammonium halides. p. 328.
- Perlov, I. N., Safin, I. A. - Study of As2Se3 using the nuclear quadrupole resonance method. p. 330.
- Mikheev, V. A., Fikhter, A. A., Serdyukova, L. N. - Microscopic properties of the calcium compounds CaV_2O_6 , $\text{Ca}_2\text{V}_2\text{O}_7$, $\text{Ca}_3\text{V}_2\text{O}_{10}$. p. 330.
- Nesizhar, M. M., Belikov, B. M., Rodnikov, M. K. - Refractive index and electro-optical effect in KCl crystals containing impurities. p. 335.
- Vandevskaya, A. S., Smith, A. S. - Orientation of the square effect of the electro-optical properties of crystals of ammonium dihydrogen phosphate. p. 337.
- Nesov, H. N. - New phase transition in the ferroelectric substance SnS_2 . p. 340.
- Shukov, H. A., Min, V., Smith, A. S. - Antiferromagnetic transition in KDP and DKDP single crystals. p. 330.
- Gavrilchenko, V. G., Danilovich, V. P., Posenko, E. G. - Mutual solubility of lanthanide chloride crystals grown by Bredig's method. p. 342.
- Belov, K. P., and others. - Magnetic anisotropy of neodymium in hydroxide. p. 344.
- Kapustin, A. P., Bykova, H. T. - Phase transitions in liquid crystals of the polyacrylamide type. p. 345.
- Vialov, L. K., Kapustin, A. P. - Domains in liquid crystals of the amorphous type. p. 346.
- Lushin, A. S., Pallares, M. G. - X-ray scattering in liquid gallium antimonide. p. 352.
- Schubert, D. T., Gerasimova, L. G., Gerasimov, A. A. - Some paramagnetic centers in apatite-synthetic. p. 355.
- Smushkov, I. V., Tkachenko, V. P. - Studying the deformed state of PbS using the method of laser diffraction analysis of the shape of interference lines. p. 356.
- Gerasimov, I. N., Dabulagina, V. S. - Homogeneity of synthetic quartz crystals. p. 360.
- Belovskii, A. V., Fridman, S. S. - Trapping of the solution by growing crystals. p. 363.
- Azhazhin, E. G., Vol, I. G. TS. - Krasnitskii, L. G. - Electron diffraction and electron-interference study of silicon flexible films. p. 366.
- Klimenko, A. P., and others. - Single crystal germanium films on gallium arsenide deposited by thermal vaporization in a vacuum. p. 367.
- Postnikov, V. S., Iovlev, V. M., Zolotarev, I. V. - Epitaxial growth of Al, Ag, and Cu films on NaCl crystals. p. 371.
- Belov, N. V. - P. P. Evli'kh on his 50th birthday. p. 373.
- MOSCOW UNIVERSITY. Vestnik. Seriya 2: Khimiya [UNIVERSITY. Review. Series 2: Chemistry]. Vol. 23, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Topolova, K. V., Krasnitskaya, M. K. - Chemical properties of yllium oxide. p. 3.
- Kojlov, G. S., Stepanov, N. F., Talovskii, V. M. - Determination of potential energy matrices by the method of their consistency. p. 9.
- Tolun, V. I., Talovskii, V. M. - Systematic errors in the method of pulse rotational Raman spectra. p. 15.
- Kuk-dang-Chonmatothers. - Raman spectra of some compounds of the phenylcyclopropane series. p. 20.
- Shakhmatov, M. I., Lashina, I. V., Morzhinov, I. A. - Rayleigh light scattering and structure of liquids. p. 24.
- Morzhinov, I. A., Antkin, A. G. - Stationary distribution of impurity in a crystallization column. p. 30.
- Kocovkina, E. K., Komarova, T. A. - Ionic acid crystallization from different solvents. p. 34.
- Agashkin, M. H., Vilkov, L. V. - Quasi-kinematic approximation of radial distribution function. p. 38.
- Agashkin, M. H., Tolstolupova, A. A. - Conversion of isopropyl alcohol and cyclohexane on binary chromic oxide catalysts. p. 42.
- Agarimov, A. E., Iakov, N. G. - Catalytic properties of Ni catalysts prepared by decomposition of ammonia. p. 47.
- Silovskii, G. K., and others. - Catalytic activity of rhodium and ruthenium in ethane hydrogenolysis. p. 52.
- Vorobey, O. I., Simanovskaya, I. A., Karakhanova, K. I. - Potassium tellurite and telluric acid. p. 56.
- Lupina, S. S., Trifilova, E. P., Savich, I. A. - New rhodium compounds of gallium and indium. p. 61.
- Konchev, H. K., Ruzic, R. - X-ray diffraction study of potassium and rubidium perchlorate octahydrates. p. 65.
- Pravoslav, W. A. - Determination of vaporization parameters using effusion measurement data. p. 69.
- Benkharov, S. S. - Distribution of intergranular quantities of bromine between gaseous and solid phases of iodine. p. 79.
- Katasev, B. V., Syrov, H. N. - Zone condensation as a method of purification. p. 84.
- Tetelkov, H. D. - Use of galvanic cells for establishing precise thermodynamic data. p. 88.
- Konchev, T. B., Kholer, V. A., Kozlov, P. V. - Thermal effects of the softening of polyethylene terephthalate. p. 98.
- Kutchenko, L. A., Trishkina, V. A. - Effect of the additions of Si, Ti, Cu, Co on the log of some high-concentrations of the Fe-Si-Al system. p. 102.
- Korshakov, R. G. - Some regularities of the formation of salt solid solutions. p. 103.
- Isayev, A. I., Sokolova, T. A. - Reaction of tungsten (VI) with complexed III. p. 105.
- Isayev, A. I., and others. - Complexometric determination of gallium and aluminum present in the same batch. p. 109.
- Shukova, Z. P., Semmeskaya, E. A. - Spectrophotometric study of methyl heteropoly acids of Radium and aluminum. p. 122.
- Isayev, K. P., Kozlov, G. V. - Some new applications of electrodeless tubes in atomic absorption spectrophotometry. p. 127.
- Gerasimov, T. A., Dobushina, H. D. - Strontium spectrum from aqueous organic solutions of hydrochloric acid by KU-2 and AV-17 ion exchangers. p. 131.
- Nikolaev, E. R., Agashkin, P. K., Turevskii, K. Kh. - Interpermittivity titration of uranylform (IV) by vanadate (IV) and chromate (VI) solutions. p. 135.
- Shukova, H. S., Sokolova, T. A., Levina, H. A. - Oxidation and cyclization. Reaction of electrochromic substances in the series of 1-phenyl-10, 11-bicyclopentanes. p. 140.
- Sidav, A. B., and others. - Chemical nature of amorphous forms and "amorphous". p. 145.
- Alshukov, M. A., and others. - Stereoselective transformation of halogenated esters and trans-3-methyl-2-pentenes in the presence of catalysts of group VIII. p. 149.
- Vishina, M. A., Krasnitskaya, I. V. - Isopropyl acetate as an acetylating agent in organic synthesis. p. 153.
- Antshova, O. S., Chizhikova, N. D., Yudin, I. G. - Synthesis and vibrational spectra of N-chloroacetylurea and N-chloroacetylurethane. p. 155.
- Krasnitskaya Gerasimov Khromskov. p. 156.
- RADIOKIMIYA [RADIOCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 10, no. 1, 1968.
- Table of contents translated:
- Novikov, A. I., Pirogova, T. A. - Separation of Radium and rare earth elements in the precipitation of thorium hydroxide. p. 3.
- Vdovenko, V. M., and others. - Acid properties of hydrolytic water in aqueous salt solutions. p. 6.
- Moskvin, A. I. - Complex formation of U (VI), Pu (IV) with hydrogen peroxide and $\text{Sn}(\text{IV})$ in oxalate solutions. p. 13.
- D'achkova, R. A., Khlebnikov, V. P., Spitsyn, V. I. - Complex formation of protactinium with acetylacetonate in perchloric acid solutions. p. 21.
- Pashchenko, M. F., Usachev, V. N. - Thermal stability of solvate $\text{UO}_2(\text{NO}_3)_2 \cdot 2 \text{H}_2\text{O}$. p. 27.
- Gribova, R. K., Kolesov, I. V., Krasov-Evich, D. N. - Study of the interaction of cerium with oxalate by means of ion exchange. p. 31.
- Kirilo, I. S., Zaitsev, V. M. - Separation of polonium and tellurium by means of paper chromatography. p. 42.
- Gerasimov, A. A., Krasnitskaya, H. N., Vlasova, A. F. - Isotope exchange of bromine in some bromoammoniates of tetravalent plutonium. p. 46.
- Avdeyeva, E. N., Mirovskii, E. B. - Reaction of trivalent uranium atoms in binary mixtures of benzene with cyclohexane in the presence of different amounts of iodine. p. 51.
- Gabov, N. I., Korshakov, I. A. - Formation of organophosphorus compounds of radioactive phosphorus after nuclear reaction $^{35}\text{Cl}(n,p)^{35}\text{S}$ in phosphor-methanes. p. 56.
- Gabov, N. I., Korshakov, I. A. - Formation of phosphorus-32 labeled alkyl phosphates during in situ irradiation of carbon tetrachloride with addition of alcohols. p. 61.
- Pravoslav, A. P. - Determination of hafnium concentration in zirconium. Part 3. p. 70.
- Krasnitskaya, E. K., Serchinskii, H. K. - Neutron-activation determination of gold in rocks using sodium isotope separation. p. 75.
- Moskvin, A. I., Pirogova, T. A. - Separation of small amounts of gold and hafnium by the coprecipitation of hafnium with iron hydroxide. p. 82.
- Shekhtetskii, V. N., Epure, H. M. - Separation of Pu^{4+} from preparations of Pu^{4+} using the complex method on glass ion-exchange. p. 83.
- Krasnitskaya, E. K., Mirovskii, E. N. - Separation of plutonium from some elements on a zirconium phosphate silicate sorbent. p. 95.
- Levin, V. I. - Extraction by triethyl phosphate from hydrochloric acid solutions. Part I: Calculation of the coefficients of distribution of hydrochloric acid. p. 98.
- Lapshina, E. V., Gorbunov, E. P. - Extraction of alkaline earth metals from perchloric acid solution by triethyl phosphate. p. 99.
- Lebedev, I. A., and others. - Complex formation of ammonium, calcium, cerium, and promethium with diethyltriethylphosphoric acid. p. 99.
- Gerasimov, A. A., Pirogova, T. A., Stepanov, I. N. - Determination of the magnitude of the change of complex anions by means of ion exchange. p. 99.
- Lebedev, I. A., Shukova, H. A., Kozlov, H. N. - Complex formation of Ce(III) with hexamethylene-diaminecarboxylic acid. p. 101.
- Shukova, H. A., Vdovenko, V. V. - Complex formation of Am(III), Cm(III), and Gd(III) with ethylenediamine-diethylphosphoric acid studied by the electrochromic method. p. 102.
- Krasnitskaya, E. K., Kozlov, H. M., Ippolitova, E. A. - Oxidation of U_3O_8 at temperatures below 300° C. p. 105.
- Lipovskii, A. A., Kuzina, M. G. - Use of alkyl ammonium salts for dissolution of inorganic compounds. Part I: Selective dissolution of precipitates of mixed oxides of U(VI) and Cm(III). p. 108.
- Tikhonov, V. K., Polynskii, V. V. - Use of a strong base AV-17 anion exchanger for the separation and purification of thorium. p. 111.
- Chalkin, P. I., Saphronovskii, P. K., Shukova, H. A., L. P. - Rapid determination of radium-223 (^{223}Ra) in solution by the degradation method. p. 113.
- Isayev, A. A., Brilovskii, H. P., Krasnitskaya, E. K. - Method of preparation of homogeneous amorphous amorphous paper. p. 115.
- Zverev, V. I. - Methods of studying natural plutonium. p. 116.
- Polynskii, M. P., Gorbunov, K. K., Popov, N. B. - Determination of hafnium in rocks and minerals with the removal of interfering elements by the extraction of copper oxalates with diethylenetriamine. p. 119.
- Pashchenko, M. N. - Separation of americium-135 without carrier from irradiated americium oxide. p. 122.
- Zaitsev, K. B., Mikhailova, H. A. - Reflection of the melting process by evaporated carbon. p. 123.
- Dekman, I. N., Zubovskaya, K. B. - Calculation of the absorbed dose in the application of the emulsion method. p. 124.
- REFERATIVNYI ZHURNAL. KHIMIYA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut khimicheskoi informatsii Akademiya nauk SSSR [Institute of Chemical Information of the Academy of Sciences of the U. S. S. R.]. Moscow, Izdatel'stvo khimicheskoi, vol. 5-6 za 1968 g.
- RUSSIA (1923- U. S. S. R.). Moskva: Vsesoyuznyi nauchno-issledovatel'skiy tsentr khimicheskoi tekhnologii [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]. Moscow, vol. 10, no. 11, 1967.
- Table of contents translated:
- Dzhrinich, I. G., Krasnitskaya, N. G. - Solubility diagram of the system cobalt sulfate - cobalt sulfate - water at 25°. p. 117.
- Zaitsev, H. A., Savolov, G. G., Shekhtov, H. T. - Electrochromic and radiolysis of indole containing Cu^{2+} and Au^{3+} . p. 101.
- Speranskaya, E. F., Merkulova, V. E. - Study of the kinetics of the reduction process of molybdenum (VI) on a mercury cathode. p. 105.
- Agarimov, V. I., Riazanova, I. B. - Precipitation of aluminum and its separation from iron, manganese, cobalt, nickel, and zinc using diphenyl acid. p. 1200.

- Kaplin, V. T., Zernova, L. S., Kuznetsov, A. S. - Study of the decomposition of synthetic cations of surfactant substances in reservoir models. p. 195.
- V. I. 46, 1965 - Pollution and self-purification of natural water bodies - decomposition of organic matters and methods of analysis. Table of contents translated: P. A. Kashin, 1975, 1256. p. 3.
- Aleksey, O. K. - Geochemistry during 50 years. p. 7.
- Pavlov, E. V. - Factors of the formation of the chemical composition of atmospheric precipitation. p. 15.
- Semenov, A. B., Piskalov, T. A. - Chemical composition of water in the Dnieper reservoir. p. 32.
- Rozhnova, V. I., Zernova, A. A., Ilyashova, A. S. - Change in the time of reaching water masses and their mineralization in connection with the regulation of the Dnieper. p. 42.
- Levchenko, T. F. - Radioactive waters in the Khmel'nitskiy, Dniester, Teteriv, and Myrhorod of the Ukraine. p. 46.
- Doroshov, A. G. - Some data on mine waters containing mercury in the small eastern part of the Dnieper Basin. p. 57.
- Morcheva, N. P., Mantukhin, V. I., Tselis, N. P. - Crystalline forms of calcium carbonate separating from solutions of calcium hydrocarbonate containing some organic substances. p. 64.
- Kutsava, T. P., Kozlov, G. S., Petrosiants, H. A. - Sources of the entrance of chlorine ions into the water of some rivers of the Northern Caucasus. p. 69.
- Gelfer, E. A. - Factors affecting the content of fluorine in natural waters. p. 74.
- Semenov, A. D., and others. - Composition of organic substances in the waters of reservoirs and rivers. p. 79.
- Demchenko, A. S., Brazhnikova, L. V. - Ion exchange small drainage basins of the arid zone of the European part of the U.S.S.R. p. 85.
- Alekh, O. A., and others. - Study of the sink of dissolved substances under arid conditions. p. 90.
- Olsin, O. A., Brazhnikova, L. V., Demchenko, A. S. - Effect of the state of the surface of the drainage basin in the sink of dissolved substances. p. 92.
- Despiller, A. D. - Study of metamorphic processes of the soil composition of Lake Balchash water by a graphic method. p. 104.
- Fremenko, V. A., Melnik, E. A. - Spectrographic determination of heavy metals in natural waters in the presence of the increased content of a ligand. p. 116.
- Nazarova, A. A., Frenchenko, V. A. - Method for the determination of the general content of benzene chlorine derivatives in natural waters as revealed by a study of some of them. p. 120.
- Nazarova, A. A., Frenchenko, V. A. - Determination of dichlorodiphenyltrichloroethane (DDT) and hexachlorocyclohexane in natural waters by the method of alkali hydrolysis. p. 126.
- Lubchenko, E. E., Solomin, G. A. - Determination of the general capacity of absorption of some clay minerals. p. 130.
- Lubchenko, E. E., Solomin, G. A. - Study of exchange in clay minerals. Report No. 1 Adsorption of Ni^{2+} . p. 136.
- Solomin, G. A., Godelareva, T. O. - Role of hydroxides in self-purifying natural waters from ions of heavy metals. p. 143.
- Solomin, G. A., and others. - Self-purification of acid mine waters from heavy metals under natural conditions. p. 150.
- Semenchenko, L. V., Kaplin, V. T. - Determination of organic matters in natural water using the method of gas-liquid chromatography. p. 158.
- Shova, L. G., Shelepin, O. E., Kaplin, V. T. - Polarographic determination in water of the total content of monocarboxylic acids. p. 171.
- Pel'shteyn, E. I., Kaplin, V. T. - Simultaneous determination of carbon and oxidizability of organic compounds of natural waters. p. 178.
- Kaplin, V. T., Semchenko, L. V. - Separate determination of monatomic phenols in polluted natural waters by the method of gas-liquid chromatography. p. 182.
- Kaplin, V. T., and others. - Decomposition of synthetic nonionic surface-active agents in natural waters. p. 188.
- Kaplin, V. T., Semchenko, L. V., Ivanov, E. G. - Decomposition of phenol mixture in natural water (modeling). p. 190.
- Grevskiy, H. K., Kaplin, V. T. - Pollution of the Volga River in the region of the city of Volgograd. p. 203.
- Kaplin, V. T., Panchevskiy, S. E., Silyukova, V. V. - Self-purification of the Suezka River. p. 208.
- Sokolova, L. P., Kaplin, V. T. - Effect of formicdehyde on processes of the self-purification of natural waters. p. 220.
- Kutalov, V. A., Kaplin, V. T. - Lignin in natural waters. p. 228.
- KHIMIA VYSOKOY ENERGII [HIGH-ENERGY CHEMISTRY] issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 2, no. 3, May-June 1976.
- Table of contents translated:
- Filatov, E. S. - Study of hot hydrogen atom reactions and radical-induced chemical reactions in liquid methylcyclopentane. p. 125.
- Andolina, E. N. - Reactions of trifluoromethyl anions in the system benzene - iodine and benzene - bromine. p. 202.
- Pokorskiy, V. A., Dzhenevskiy, L. A., Lubchenko, L. S. - Generation of current carriers in the layers of triethylselenate dyes. p. 253.
- Aleksey, M. V., Satekha, I. G., Sukla, H. H. - Phosphorescence sensitized by actinons. Part 1: Comparative study of triaryl phosphorescence in the excited by the light absorbability in partly and dissolved by a solvent. p. 215.
- Ivanov, A. P., Lakosnikov, A. T. - Mechanism of the protective effect of photostabilizers of polymers. p. 220.
- Kuznetsov, M. G., Ivanov, V. L., Kulis, H. H. - Induced radiationless deactivation of excited singlet states of aromatic hydrocarbons. p. 228.
- Iskakov, A. K., and others. - Kinetics of the formation of polymer films from the gas phase under the electron bombardment of metal surface. p. 233.
- Ivanov, E. E., and others. - Radiation stability of some partially hydrogenated polyacetylenes. p. 239.
- Eastler, B. V. - Effect of the dose rate on stationary concentration in radiolysis. p. 244.
- Zhukovskiy, V. S., Vysotskiy, S. A. - Mechanism of radiolysis of benzene aqueous solutions in the presence of hydrogen peroxide. p. 249.
- Prudskiy, G. A., Stupakov, V. A. - Radiolysis of aqueous solutions of tyrosine. Concentration and oxygen effects. p. 254.
- Serebry, V. V., Suprunenko, K. A. - Involvement of surface radicals of silica gel in radiation-induced chemical reactions with dissolved benzene. p. 258.
- Gromov, V. I., Bespifova, T. N. - Solution of irradiated sodium sulfate crystals in water. p. 263.
- Krylova, E. V., Krylova, Z. L. - Study of heterogeneous radiolysis of water by means of electron spin resonance. p. 265.
- Nikol'skiy, V. G. - Change in thermoluminescence of irradiated polyethylene under illumination by monochromatic light. p. 271.
- Vorp, P. A. - Mass spectral analysis of the kinetics of thermal decomposition of naphthalene behind the shock-wave front. p. 274.
- Lokova, E. N., and others. - Chemical reactions in a closed discharge tube of CO_2 laser. p. 278.
- Tatolov, L. A., Pavlov, V. S., Babin, N. A. - Kinetics of radiolysis of methyl alcohol at 77°K. p. 284.
- Stupakov, V. A., and others. - Formation and transformation of radicals in the irradiated frozen aqueous solutions of lactose studied by means of EPR. p. 286.
- KOLLOIDNYI ZHURNAL [COLLOID JOURNAL], issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 30, no. 1, Jan.-Feb. 1975.
- Table of contents translated:
- Atorn, A. G., Fedotkin, R. F. - Interaction of polycapitolium with solutions of hydrochloric acid, trifluoracetic acid, and water. p. 3.
- Bakhteyev, A. A., Titkovskiy, V. K. - Interaction of dust particles with form bubbles and solutions. p. 7.
- Barkalov, V. F., Serebry, E. N., Ivanovskiy, M. H. - Mechanism of anion and cation extraction by monocarboxylic acids. p. 10.
- Gul, V. E., Golikova, H. G. - Conducting anisotropic structures in polymeric materials. p. 13.
- Dermine, H. V., Guep, H. V. - Thermodynamic study of the equilibrium and stability of a free film containing two nonvolatile components (for instance, a surface active agent and electrolyte). p. 19.
- Ermakov, A. N., and others. - Effect of various factors on the stability of synthetic latexes at low temperatures. Strengthening of protective layers with hydrogel polymers formed in the synthesis of latexes. p. 31.
- Eliseeva, V. I., Kazirova, E. V., Petrova, S. A. - Diffusivity of macromolecules as a stability factor of emulsifier-free latexes. p. 37.
- Kalitra, L. N., Saryev, L. D. - Adsorption mechanism of gelatin-activated colloidal particles at the hydroal-sol interface. p. 42.
- Koleznev, V. N., Mykova, V. D. - Dielectric properties of polymer mixtures. p. 44.
- Lazarov, A. N., and others. - Gelation in the process of electrophoretic deposition of suspensions. p. 49.
- Lovina, S. A., Erzulenko, N. F., Prokopovich, A. A. - Composition and properties of zeolites containing an unexchangeable iron ion. p. 56.
- Leonova, T. G., Kramareva, T. V., Shteynman, V. M. - Stepwise adsorption of calcium sulfide colloidal particles on the glass. p. 61.
- Lopatin, L. K., Teter, A. P. - Stability of hydrosols of metals. p. 65.
- Mazina, G. R., and others. - Properties of rubber dispersions. Effect of emulsifier on properties of dispersions. p. 70.
- Markova, Z. B., Rybakova, E. V., and others. - Change of intracellular solubility of hydrocarbons depending on the concentration of sodium oleate aqueous solutions at various temperatures. p. 75.
- Mel'deva, A. M., Derjagin, H. V., Zolotarev, I. B. - Rubber-to-metal adhesion when using a gelatin-based adhesive. p. 82.
- Mikhailov, N. V., Sharaf, T. A., Khvostov, I. Some electrokinetic properties of aqueous solutions of fiber-forming polymers. p. 119.
- Neiman, O. V., Belikova, M. L. - Colloid in the formation of precipitate. Kinetic saturation change in the content of water in precipitate formation. p. 98.
- Nikolina, S. A., Mochalova, O. S., Lashchuk, V. I. - Stability of concentrated emulsions of anionic surfactant active substances. p. 124.
- Rashin, A. N. - Study of dielectric properties of printing ink by electric methods. p. 130.
- Rasimov, A. I., Levichev, S. A. - Thermodynamic study of surface layers in three-component systems. p. 112.
- Savitskiy, A. N. - Freezing and melting of glass capillaries. p. 119.
- Sandovskiy, D. M., and others. - Properties of latex from gelatinization. p. 124.
- Segalova, E. I., and others. - Effect of polyamide on the filtration properties of aqueous suspensions. p. 120.
- Saryev, L. D., Krasnova, G. S. - Molecular Possibility of cold fluidization by low flow reagents widely used in construction practice. p. 134.
- Tarasovich, H. I., Radlov, N. M. - Dynamics of Study of n-propyl alcohol adsorption on montmorillonite by means of infrared spectroscopy. p. 137.
- Khromovskiy, K. P. - Study of electrochromism on the conditions of electric field, and the structural parameters of the dye. p. 144.
- Tolovskaya, Z. D., Hrubskiy, E. K. - Study of Structural transition processes in dilute suspensions of carbon black in water. p. 154.
- Uskva, L. T., Anisimov, N. B., and others. - Exchange on hydrogen and aluminum kaolinite. p. 150.
- KRYSTALLOGRAFIYA [CRYSTALLOGRAPHY] issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 13, no. 2, May-June 1976.
- Table of contents translated:
- Zamiatyev, A. M., Ziskovskiy, D. M. - Three-dimensional Bragg's lattice. p. 211.
- Kolpakov, A. V., Kuz'min, R. N., Ziskovskiy, D. M. - Generalized Bragg's type equations. p. 212.
- Dmitriyev, V. F., Mitagin, A. B. - Scattering of slow electrons by slabs of diamond. p. 221.
- Khazimovskiy, A. I., Mikhalev, K. V., and others. - Energy of the lattice of crystalline compounds. Approximate calculation. p. 225.
- Ziskovskiy, A. I. - Accuracy of determination of parameters of noncubic cell and degree of reflection in diffraction. p. 232.
- Mazo, D. M. - Angular dependence of the X^{149}La low spectrum of cylindrical and disk shape in a very narrow beam. p. 236.
- Ismailova, I. G., Nodarenko, V. I., and others. - High-temperature X-ray diffraction of lithium tantalate. p. 241.
- Vorobeyev, A. A., Shumakovskiy, N. G. - X-ray diffraction examination of the structure of lithium fluoride. p. 241.
- Saunin, E. A., Agre, V. M. - Structure of compounds with Me-S bonds. Part 1: Crystal and molecular structure of cadmium dithiocarbamate. p. 253.
- Aray, K. A., Semakova, S. A. - Electron diffraction examination of the structure of lithium fluoride. p. 253.
- Dalt, I. D., Ramey, N. V., Ozerov, H. P. - X-ray diffraction examination of the structure of lithium fluoride. Part 2: Lithium perchlorate $\text{LiClO}_4 \cdot 3\text{H}_2\text{O}$. p. 253.
- Vorobeyev, A. A., Zhuravlev, N. D. - X-ray diffraction diagrams of the influence of the structure of silylic acid and some of the salts. p. 253.
- Shandurov, V. A., Konstantinova, A. A., and others. - Polarization of light waves in active crystals. p. 273.
- Popov, E. S., Rapoport, S. L. - Polarization in barium fluoride single crystals. Part 1: Frequency action. p. 278.
- Moravets, F., Konstantinova, V. P. - Crystal domain width in triglycine sulfate as a function of temperature. p. 284.
- Tsvetkov, V. N., Rymtshev, E. I. - Properties and effects and the electro-optical properties of liquid crystals. p. 290.

- of surfactants and their effect on the properties of the solution. p. 195.
- Vol. 46. 1968. Pollution and self-purification of natural water bodies, decomposition of organic matters and methods of analysis.
- Table of contents is translated:
- P. A. Kashitskiy, 1888-1956. p. 3.
- Alkin, O. K. - Geochemistry during 50 years. p. 7.
- Pesokhov, E. A. - Factors of the formation of the chemical composition of atmospheric precipitation. p. 15.
- Semenov, A. D., Piskunov, T. A. - Chemical composition of water in the Tills Reservoir. p. 32.
- Pogozhki, V. I., Zeman, A. A., Yakusheva, A. S. - Change in the time of reaching water masses and their mineralization in connection with the regulation of the Don River. p. 12.
- Levchenko, T. F. - Radioactive waters in the Khmelnytskyi (Ukraine), Tatars, and Mironovskaya (Ukraine). p. 46.
- Doroshko, A. G. - Some data on mine waters containing mercury in the southeastern part of the Donetsk Basin. p. 57.
- Murcheva, N. P., Manikova, V. I., Tsels, N. P. - Crystalline forms of calcium carbonate separating from solutions of calcium hydrocarbonate containing some organic substances. p. 64.
- Kiseleva, P. P., Korovin, G. S., Petrosyan, H. A. - Sources of the entrance of chlorine into the water of some rivers of the Northern Caucasus. p. 66.
- Gelfer, E. A. - Factors affecting the content of fluoride in natural waters. p. 74.
- Semenov, A. D., and others. - Composition of organic substances in the waters of Lake Volga and others. p. 79.
- Doroshenko, A. S., Ilizhnikova, L. V. - Ion sink from small drainage basins of the arid zone of the European part of the U.S.S.R. p. 85.
- Alkin, O. K., and others. - Study of the sink of dissolved substances under arid conditions. p. 90.
- Olein, O. A., Braginskaya, L. V., Doroshenko, A. S. - Effect of the state of the surface of the drainage basin on the sink of dissolved substances. p. 96.
- Doroshenko, A. D. - Study of metamorphic processes of the ion composition of Lake Balkhash water by a geologic method. p. 104.
- Bromberg, V. A., Molinikov, E. A. - Spectrographic determination of heavy metals in natural waters in the presence of the increased content of manganese. p. 116.
- Nazarova, A. A., Bromberg, V. A. - Method for the determination of the general content of benzene chlorinating derivatives in natural waters as revealed by a study of some of them. p. 120.
- Nazarova, A. A., Bromberg, V. A. - Determination of dichlorodiphenylchloroethane (DDT) and hexachlorocyclohexane in natural waters by the method of alkali hydrolysis. p. 126.
- Lochenko, E. E., Solomin, G. A. - Determination of the general capacity of absorption of some clay minerals. p. 130.
- Lochenko, E. E., Solomin, G. A. - Study of ion exchange in clay minerals. Report No. 1. Adsorption of Na⁺. p. 136.
- Solomin, G. A., Goncharova, T. O. - Role of light rays in self-purifying natural waters from ions of heavy metals. p. 143.
- Solomin, G. A., and others. - Self-purification of acid mine waters from heavy metals under natural conditions. p. 150.
- Semenchenko, L. V., Kaplin, V. T. - Determination of organic matters in natural water using the method of gas-liquid chromatography. p. 158.
- Shayda, L. G., Stepleva, O. E., Kaplin, V. T. - Polarographic determination in water of the total content of monocarboxylic acids. p. 171.
- Petel'stein, E. I., Kaplin, V. T. - Simultaneous determination of carbon and oxidizability of organic compounds of natural waters. p. 178.
- Kaplin, V. T., Semchenko, L. V. - Separable determination of nonionic phenols in polluted natural waters by the method of gas-liquid chromatography. p. 182.
- Kaplin, V. T., and others. - Decomposition of synthetic nonionic surface-active agents in natural waters. p. 189.
- Kaplin, V. T., Semchenko, L. V., Ivanov, E. G. - Decomposition of phenol mixture in natural water in the light. p. 189.
- Gavrilin, R. K., Kaplin, V. T. - Pollution of the Volga River in the region of the city of Volgograd. p. 203.
- Kaplin, V. T., Pankovskiy, S. E., Shlyukova, V. V. - Self-purification of the Simzha River. p. 208.
- Sokolova, L. P., Kaplin, V. T. - Effect of formaldehyde on processes of the self-purification of natural waters. p. 220.
- Kulikov, V. A., Kaplin, V. T. - Light in natural waters. p. 226.
- Table of contents is translated:
- Filatyev, E. S. - Study of the hydrogen atom reactions and radiation-induced chemical reactions in liquid methylalcohol. p. 105.
- Andriyko, E. N. - Reactions of triazine reagents in the system benzene - iodine and benzene - bromine. p. 202.
- Benlenskiy, V. A., Blumfeld, L. A., Ushchenko, L. S. - Concentration of carbon carriers in the layers of triphenylmethane dyes. p. 206.
- Altunov, M. V., Batokha, I. G., Shek, I. U. H. - Photochemical sensitization by solvents. Part 1. Comparative study of impurity in the presence of the excitation by the light absorbed by impurity and absorbed by a solvent. p. 215.
- Pivovarov, A. P., Lukovnikov, A. F. - Mechanism of the protective effect of photostabilizers of polymers. p. 220.
- Kuznetsov, M. G., Ivanov, V. L., Kaban, H. H. - Induced radiationless deactivation of excited singlet states of aromatic hydrocarbons. p. 226.
- Isakov, A. K., and others. - Kinetics of the formation of polymer films from the gas phase under the electron bombardment of metal surface. p. 243.
- Burton, E. E., and others. - Radiation stability of some partially hydrogenated polyolefins. p. 239.
- Ereter, B. V. - Effect of the dose rate on stationary concentration in radiolysis. p. 244.
- Zukharov, V. S., Viskalskiy, M. A. - Mechanism of radiolysis of benzene aqueous solutions in the presence of hydrogen peroxide. p. 249.
- Bradskiy, G. A., Shtrypay, V. A. - Hydrolysis of aqueous solutions of lysine. Concentration and oxygen effects. p. 254.
- Strelko, V. V., Suprunenko, K. A. - Involvement of surface radicals of silica gel in radiation-induced chemical reactions with adsorbed benzene. p. 254.
- Gromov, V. V., Buzgalova, T. N. - Solution of irradiated aluminum sulfate crystals in water. p. 263.
- Krylova, L. V., Kuylova, Z. L. - Study of heterogeneous radiolysis of water by means of exoelectronic emission. p. 268.
- Nikol'skiy, V. B. - Change in the thermoluminescence of irradiated polyethylene under illumination by monochromatic light. p. 271.
- Vomp, G. A. - Mass spectral analysis of the kinetics of thermal decomposition of methane behind the shock wave front. p. 274.
- Lelkova, E. N., and others. - Chemical reactions in a closed discharge tube of CO₂ laser. p. 278.
- Tikhonov, L. A., Pavlov, V. S., Babun, N. A. - Kinetics of radiolysis of methyl alcohol at 77°K. p. 284.
- Shtrypay, V. A., and others. - Formation and transformations of radicals in the irradiated frozen aqueous solutions of lactose studied by means of EPR. p. 289.
- KOLLOIDNYE ZHURNAL [COLLOID JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 1, Jan.-Feb. 1969.
- Table of contents is translated:
- Astas, A. G., Fedotkin, R. I. - Interaction of polycapillaries with solutions of hydrochloric acid, sulfuric acid, and water. p. 3.
- Ilizhnikov, A. A., Tikhonov, V. K. - Interaction of dust particles with foam bubbles and solutions. p. 7.
- Barab, V. F., Merkin, E. N., Ivanovskiy, M. D. - Mechanism of uranium and thorium extraction by monocarboxylic acids. p. 10.
- Gul'f, V. E., Golubeva, M. G. - Conducting anisotropic structures in polymeric materials. p. 13.
- Berchko, B. V., Goryun, H. V. - Thermodynamic study of the equilibrium and stability of a free film containing two lowvolatile components (for instance, surface active agent and electrolyte). p. 19.
- Ezreley, A. I., and others. - Effect of various factors on the stability of synthetic latexes at low temperatures. Strengthening of protective layers with hydrophilic polymers formed in the synthesis of latexes. p. 31.
- Eliseeva, V. I., Nazarova, L. V., Petrova, S. A. - Stability of oxacompounds as a stability factor of emulsion-free latexes. p. 37.
- Kallina, L. N., Skrylev, L. D. - Adsorption mechanism of gelatin-activated colloidal particles at the hydrocolloid interface. p. 42.
- Kulizhev, V. N., Kiykova, V. D. - Dielectric properties of polymer mixtures. p. 44.
- Lazarev, A. N., and others. - Gelation in the process of electrophoretic deposition of suspensions. p. 46.
- Levin, S. A., Ermolenko, N. E., Prokofovich, A. A. - Composition and properties of zeolites containing an unexchangeable iron ion. p. 50.
- Leonova, T. G., Kravtseva, T. V., Shul'man, V. M. - Stepwise adsorption of cadmium sulfate colloidal particles on the glass. p. 61.
- Legin, L. K., Tetere, A. P. - Stability of hydrosols of metals. p. 65.
- Properties of dispersions. p. 70.
- Markov, Z. N., Rybakova, E. V., Chikunova, A. V. - Change of intracellular solubility (solubilization) of hydrocarbons depending on the concentration of sodium oleate aqueous solutions at different temperatures. p. 75.
- Medvedeva, A. M., Deriagin, B. V., Zherbekov, S. K. - Rubber-to-metal adhesion when using isocyanate-based adhesives. p. 82.
- Mikhailov, K. V., Sharai, T. A., Khavina, B. L. - Some electrokinetic properties of aqueous dispersions of fiber-forming polymers. p. 90.
- Nelman, O. V., Belikova, M. I. - Colloidal phenomena in the formation of precipitates. Kinetics of super-saturation change in the course of calcium sulfate precipitate formation. p. 96.
- Nikiforova, S. A., Mochalova, O. S., Taubman, A. B. - Stability of concentrated emulsions stabilized by long-chain surface-active substances. p. 100.
- Ilaskin, A. N. - Study of dielectric properties of printing ink by electric methods. p. 106.
- Ilasov, A. I., Lavichev, S. A. - Thermodynamic study of surface layers of liquid solutions. Composition of surface layers in three-component systems. p. 112.
- Savitskiy, A. N. - Freezing and melting of water in glass capillaries. p. 119.
- Sokolovskiy, D. M., and others. - Some features of latex base crystallization. p. 124.
- Stegalova, E. E., and others. - Effect of polyacrylamide on the filtration properties of asbestos aqueous suspensions. p. 128.
- Savitskiy, L. D., Kravtseva, G. S., Mochalova, S. G. - Possibility of colloidal filtration by means of filtration reagents widely used in common filtration practice. p. 134.
- Tarasevich, I. I., Budal, N. M., Ovcharenko, F. D. - Study of n-propyl alcohol adsorption on montmorillonite by means of infrared spectroscopy. p. 137.
- Tikhonov, K. P. - Study of electrophoresis depending on the conditions of electric field application and the structural parameters of the system. p. 144.
- Talovskiy, Z. D., Drojaskiy, T. K., Stegalova, E. E. - Structural processes in diluted asbestos and asbestos-remnant suspensions. p. 151.
- Doklya, E. T., Vasil'ev, N. G., Uskov, I. A. - Ion exchange on hydrogen and aluminum forms of kaolinite. p. 159.
- KRYSTALLOGRAFIYA [CRYSTAL LOGRAPHY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, no. 2, Mar.-Apr. 1969.
- Table of contents is translated:
- Zakharov, A. M., Tschernyskiy, H. V. - On two-dimensional Bravais lattices. p. 211.
- Kolykova, A. V., Kuz'min, R. N., Zhidkov, G. S. - Generalized Diffy type equations. p. 215.
- Dvorkin, V. F., Mitagin, A. B. - Scattering of slow electrons by static Gaussian atomic potentials. p. 221.
- Kaligorodskiy, A. I., Minskaya, K. V., Tsvetkov, A. B. - Energy of the lattice of crystalline benzene in atom-atom approximation. p. 225.
- Zakharov, A. I. - Accuracy of determination of the parameters of monocubic cells as dependent on the reflection indices. p. 232.
- Mazo, D. M. - Angular dependence of the damping of X rays for specimens of cylindrical and spherical shape in a very narrow beam. p. 237.
- Ismailov, I. G., Nesterenko, V. I., Balanov, A. A. - High-temperature X-ray diffraction analysis of lithium fluoride. p. 241.
- Vorobkov, A. A., Shumilovskiy, N. G. - X-ray diffraction examination of the structure of barium chloride (BaCl₂), Sr, Ba, PbCl₂ (PbCl₂). p. 248.
- Shagun, R. A., Agit, V. M. - Structure of chelate compounds with Mo - S bonds. Part 3: Crystalline and molecular structure of cadmium diethylthiolate-carbamate. p. 253.
- Agit, R. A., Semikova, S. A. - Electron diffraction examination of the structure of Pb(CH₃COO)₂. p. 259.
- Dali, I. D., Ilanov, R. V., Ozerov, R. P. - Neutron diffraction examination of the structure of crystal hydrates of lithium salts. Part 2: Trihydrate of lithium perchlorate LiClO₄·3H₂O. p. 261.
- Vorobkova, V. N., Zhovandrov, N. D. - Polarization diagrams of the luminescence of single crystal of aspartic acid and some of its salts. p. 267.
- Shamburov, V. A., Konstantinova, A. F., Grechukhin, D. N. - Polarization of light waves in optically active crystals. p. 273.
- Pogov, E. S., Rapoport, S. L. - Polarization reversal in barium titanate single crystals under two-frequency action. p. 278.
- Moravets, F., Konstantinova, V. P. - Change in the domain width in triglycine sulfate as a function of time. p. 284.
- Tsvetkov, V. N., Ilanov, E. I. - Pretransition effects and the electro-optical properties of liquid crystals. p. 290.

- Kosterov, E. A., Chistakov, I. G. - Structure of liquid crystalline para-azobenzene in constant electric fields. p. 255.
- Reichardt, B. M., Kostinova, E. P. - Quantitative estimate of the substructure of single crystals based on high resolution X-ray diffraction patterns. p. 332.
- Zolotarev, M. V., Tsiapkin, I. D. - Three-dimensional periodic isolated structure in an alloy of Fe-Fe. p. 307.
- Kordunov, A. V., Piliavskikh, A. N. - Line intensities in X-ray photographs of graphite structures. p. 311.
- Karpova, T. P., Ananov, R. M., Semiletov, S. A. - Electrodiffraction study of the system Pb-Sb in thin layers. p. 316.
- Korotkiy, V. I., Zaygina, A. P., Piliavskikh, A. N. - Calculating the intensity of two-photon scattering of X-rays by transition crystals. p. 322.
- Sviridov, D. T., Ilukhin, V. V. - Correlation between the optical spectra of crystals in the conformation and their structure. p. 323.
- Zaglad, B. B. - Indexing of electron diffraction patterns and projecting of structures with arbitrary crystal orientation. p. 325.
- Kagan, A. S., and others. - Effect of dislocations in Fourier analysis of two lines. p. 326.
- Prilev, G. S. - Electron diffraction study of ammonium iodide. p. 326.
- Pavlov, I. N., Solov, I. A. - Study of $\Delta\sigma_{\text{eq}}$ using the nonlinear quadrupole resonance method. p. 330.
- Mikheyev, V. A., Fedot, A. A., Serebriakova, L. N. - Microscopic properties of the calcium vanadates $\text{Ca}_2\text{V}_2\text{O}_7$, $\text{Ca}_2\text{V}_2\text{O}_8$, $\text{Ca}_2\text{V}_2\text{O}_9$. p. 330.
- Chernikov, M. M., Belikov, B. N., Rodionov, M. R. - Refractive index and electro-optical effect in KCl crystals containing impurities. p. 335.
- Vasilievskiy, A. S., Solov, I. A. - Contribution of the square effect to the electro-optical properties of crystals of ammonium dihydrogenphosphate. p. 337.
- Nesov, I. N. - New phase transition in the ferroelectric substance SbSI . p. 338.
- Smirnov, I. A., Ilukhin, V. V., Solov, I. A. - Antiferromagnetic control in KDP and DKDP single crystals. p. 339.
- Gavrillachenko, V. G., Dudkevich, V. P., Ferenko, E. G. - NMR anisotropy of barium titanate crystals grown by Benckha's method. p. 342.
- Ilukhin, V. V., and others. - Magnetic anisotropy of ammonium nitrate. p. 344.
- Kuznetsov, A. P., Bykova, N. T. - Phase transitions in liquid crystals of the polymethacrylic type. p. 345.
- Vishni, L. K., Kapustin, A. P. - Dynamics in liquid crystals of the amorphous type. p. 349.
- Lashin, A. S., Ilukhin, V. V. - X-ray scattering in liquid gallium antimonide. p. 352.
- Shestakovskiy, M. A., Glinka, L. G., Gorbunov, A. A. - Some paramagnetic centers in amorphous structure. p. 353.
- Singulov, I. V., Tkachenko, V. F. - Studying the deformed state of PbS using the method of harmonic analysis of the shape of interference lines. p. 356.
- Guseva, I. N., Galadzhina, V. S. - Homogeneity of synthetic quartz crystals. p. 360.
- Ilukhin, A. V., Fridman, S. S. - Trapping of the solution by growing crystals. p. 363.
- Azhazha, E. G., Vol, I. T. S., Kuznetsov, I. G. - Electron diffraction and electron-microscopic study of silicon dioxide films. p. 366.
- Klimenko, A. P., and others. - Single crystal germanium films on gallium arsenide deposited by thermal vaporization in a vacuum. p. 367.
- Pechnikov, V. S., Iyev, V. M., Zolotarev, I. V. - Epitaxial growth of Al, Ag, and Cu films on NaCl crystals. p. 371.
- Belov, N. V. - P. P. Evard; in his 80th birthday. p. 373.
- ANASTAS, M. G., Vilkov, I. V. - Quasi-kinematic approximation of radial distribution function. p. 38.
- Ilukhin, M. A., Telstapova, A. A. - Conversion of isopropyl alcohol and cyclohexane on binary chromium-cerium oxide catalysts. p. 42.
- Agromov, A. E., Iyev, V. G. - Catalytic properties of Ni catalysts prepared by decomposition of ammonia. p. 47.
- Starostin, G. K., and others. - Catalytic activity of rhodium and ruthenium in ethane hydrogenolysis. p. 52.
- Vorobeyeva, O. I., Shapovalov, I. A., Kuznetsov, M. I. - Polystyrene in the presence of tetraethyllead. p. 56.
- Lapina, S. S., Trifilina, E. P., Savick, I. A. - New chloride compounds of zirconium and hafnium. p. 61.
- Korotkiy, V. I., Blazov, R. - X-ray diffraction study of potassium and rubidium pentatellurates. p. 65.
- Prilev, G. S. - Determination of vaporization parameters using effusion measurement data. p. 69.
- Ilukhin, S. S. - Distribution of submicrogram quantities of bromine between gaseous and solid phases of iodine. p. 79.
- Korotkiy, B. V., Sytyev, I. N. - Zinc chalcogenides as a method of purification. p. 88.
- Tetlov, I. D. - Use of galvanic cells for obtaining precise thermodynamic data. p. 88.
- Korotkiy, T. B., Kuznetsov, V. A., Kuznetsov, P. V. - Thermal effects in the softening of polyethylene in crystalline. p. 98.
- Kuznetsov, L. A., Trifilina, V. A. - Effect of the additions of Si, Ti, Cu, Co on the aging of some high-conductive alloys of the Fe-Ni-Al system. p. 102.
- Kuznetsov, N. G. - Same regularities of the formation of salt solid solutions. p. 109.
- Busev, A. I., Solov, T. A. - Reaction of tungsten (VI) with complex III. p. 115.
- Busev, A. I., and others. - Complexometric determination of gallium and aluminum present in the same matrix. p. 119.
- Shakshina, Z. F., Semenovskiy, E. N. - Spectrophotometric study of multiple heteropoly acids of aluminum and zirconium. p. 122.
- Ilukhin, N. P., Kuznetsov, V. V. - Some new applications of electrodeless tubes in atomic absorption spectrophotometry. p. 127.
- Belikovskiy, T. A., Dolmatova, G. D. - Zirconium anions from aqueous inorganic solutions of hydrofluoric acid by R_2O_2 and AV-17 ion exchangers. p. 131.
- Nikolaeva, E. R., Agostin, P. K., Taranova, K. Kh. - Diamagnetic titration of analytes (VII) by vanadium (II) and chromium (II) solutions. p. 135.
- Solov, I. D., Solov, T. P., Iyev, R. I. A. - Cyclopentadiene and cyclohexene. Reaction of electrophile substitution in the series of isoprenyl-, 1,4-pentadienes. p. 140.
- Silov, A. B., and others. - Chemical nature of unsaturated furan and "pantofin". p. 145.
- Alukhin, M. A., and others. - Stereoselective transformations of individual C16- and trans-3-methyl-2-pentenol in the presence of metals of group VII. p. 148.
- Vodolov, A. A., Kimura, I. V. - Isopentenyl acetate as an acetylating agent in organic analysis. p. 153.
- Anisimov, O. S., Chizhikova, N. D., Iudin, I. G. - Synthesis and vibrational spectra of N-chloropiperidine and N-chloropyrrolidine. p. 155.
- Kuznetsov, O. G. - V. V. Kuznetsov. p. 156.
- RADIOKHEMIYA [RADIOCHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 1, 1968.
- Table of contents translated:
- Novikov, A. I., Phlegova, T. A. - Separation of barium and rare earth elements in the precipitation of thorium hydroxide. p. 3.
- Vdovenko, V. M., and others. - Acid properties of hydrate water in aqueous salt solutions. p. 6.
- Moskvin, A. I. - Complex formation of U(VI), Np(VI) with hydrogen peroxide and Np(VI) in oxalate solutions. p. 13.
- D'yachkova, I. A., Kuznetsov, V. P., Spitsyn, V. I. - Complex formation of protactinium with acetylacetonate in perchloric acid solutions. p. 21.
- Pashchenko, M. F., Usachev, V. N. - Thermal stability of solvate $\text{UO}_2(\text{NO}_3)_2 \cdot 2\text{H}_2\text{O}$. p. 27.
- Grigoryeva, R. K., Kolesov, I. V., Ivanov-Emin, B. N. - Study of the interaction of scandium with oxalate ion by means of ion exchange. p. 37.
- Kirin, I. S., Zaitsev, V. M. - Separation of polonium and tellurium by means of paper chromatography. p. 42.
- Grinberg, A. A., Kuznetsov, I. N., V'lygina, A. F. - Isotope exchange of bromine in some bromamminates of tetravalent platinum. p. 49.
- Adams, E. N., Mironovskiy, E. B. - Reactions of uranium peroxide in binary mixtures of benzene with cyclohexane in the presence of different amounts of iodine. p. 51.
- Gilov, N. I., Korshakov, I. A. - Formation of organophosphorus by the reaction of radiolabeled phosphorus after nuclear reaction $^{35}\text{Cl}(n,p)^{35}\text{S}$ in chloromethanes. p. 58.
- Gilov, N. I., Korshakov, I. A. - Formation of phosphorus-32 labeled alkyl phosphates during reaction in solution of ethyl tetrafluoroborate with solution of alcohol. p. 64.
- Perovskiy, A. P. - Determination of hafnium concentration in zirconium. Part 3. p. 70.
- Ilukhin, E. F., Serebriakova, L. N. - Neutron-activated determination of gold in rocks using submicrogrammic separation. p. 75.
- Nesov, A. I., Phlegova, T. A. - Separation of small amounts of gold and hafnium by the co-precipitation of hafnium with iron hydroxide. p. 82.
- Shestakovskiy, V. N., Puzov, I. M. - Separation of ^{50}Y from preparations of ^{90}Sr using the sorption method on glass powder. p. 83.
- Ilukhin, K. V., Ilukhin, G. N. - Separation of plutonium from some elements on a zirconium phosphate sulfonate sorbent. p. 86.
- Levin, V. I. - Extraction of triethyl phosphite from hydrochloric acid solutions. Part 1. Calculation of the coefficients of distribution of hydrochloric acid. p. 88.
- Lapshinskaya, E. V., Gorbunov, E. P. - Extraction of alkaline earth metals from perchloric acid solution by triethyl phosphite. p. 90.
- Levin, V. I., and others. - Complex formation of americium, curium, cerium, and promethium with triethylaminecarboxylic acid. p. 93.
- Gorbunov, A. A., Puzov, I. M., Ilukhin, G. N., Shestakovskiy, V. N. - Determination of the magnitude of the change of complex constants by means of ion exchange. p. 96.
- Levin, V. I., Solov, T. A., Ilukhin, G. N. - Complex formation of Ce(III) with hexamethylphosphorotriamide. p. 99.
- Solov, T. A., Vorobeyeva, V. V. - Complex formation of Am(III), Cm(III), and Ce(III) with ethylenediamine-diethylphosphoric acid solution by the electrodiffusion method. p. 102.
- Kuznetsov, E. U., Kuznetsov, E. M., Ilukhin, T. A. - Oxidation of UO_2 at temperatures below 300°C . p. 105.
- Lapshinskaya, E. V., Kuznetsov, M. G. - Use of alkyl ammonium salts for dissolution of inorganic compounds. Part 1. Soluble dissolution of precipitates of mixed oxides of U(VI) and Ce(III) . p. 109.
- Tikhonov, V. K., Ilukhin, M. V. - Use of a strong base AV-17 ion exchanger for the separation and purification of barium. p. 111.
- Ilukhin, P. I., Sapozhnikov, T. K., Serebriakova, L. P. - Rapid determination of radium-224 (ThX) in sulfate rocks by the emanation method. p. 113.
- Ilukhin, A. A., Ilukhin, R. F., Kuznetsov, M. P. - Method of preparation of homogeneous sources on an absorbent paper. p. 115.
- Zverev, V. I. - Methods of studying natural plutonium. p. 116.
- Belikovskiy, M. P., Gorbunov, K. K., Puzov, N. P. - Determination of thorium in rocks and minerals with the removal of interfering elements by the extraction of cupferrates with chloroform. p. 119.
- Pankratova, L. N. - Separation of europium-155 without carrier from irradiated samarium oxide. p. 122.
- Zakharov, K. B., Ilukhin, U. A. - Refinement of the melting process by emanation curves. p. 123.
- Ilukhin, I. N., Zakharov, K. B. - Estimation of the absorbed dose in the application of the emanation method. p. 124.
- РЕФЕРАТИВНИЙ ЗБІРНИК: ХІМІЯ [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut naukov informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Formuly i uzoraki, vol. 5-8 za 1968 g.
- RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshogo i srednego speciat'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni; Khimika i Khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]. Moscow, vol. 10, no. 11, 1967.
- Table of contents translated:
- Ilukhin, I. G., Kondratyeva, N. G. - Solubility diagram of the system cobalt sulfate - cobalt nitrate - urea - water at 25°C . p. 187.
- Zakharov, I. A., Savolov, G. G., Shestakov, G. T. - Electroconductivity and radiolysis of lead azide containing Cu^{2+} and Au^{3+} . p. 191.
- Serebriakova, E. F., Merzhanov, V. E. - Study of the kinetics of the reduction process of molybdenum(VI) on a mercury cathode. p. 195.
- Agafonova, V. I., Blazov, I. P. - Precipitation of aluminum and its separation from iron, manganese, cobalt, nickel and zinc using diphenyl acid. p. 199.

MOSCOW, UNIVERSITY. Vestnik. Seriya 2: Khimiya [UNIVERSITY. Review. Series 2: Chemistry]. Vol. 23, no. 2, Mar.-Apr. 1968.

Table of contents translated:

Teplov, K. V., Kuznetsov, M. K. - Chemisorption properties of yttrium oxide. p. 3.

Kozlov, G. S., Stepanov, N. F., Tsvetkov, V. M. - Determination of potential energy matrices by the method of their consistency. p. 9.

Tulin, V. I., Tsvetkov, V. M. - Systematic errors in the method of pure rotational Raman spectra. p. 15.

Kozlov, G. S., and others. - Raman spectra of some compounds of the phenylcyclopropane series. p. 20.

Stakharov, M. I., Lashina, L. V., Merzhanov, I. A. - Rayleigh light scattering and structure of liquids. p. 24.

Merzhanov, I. A., Ankin, A. G. - Stationary distribution of impurity in a crystallization column. p. 30.

Korotkiy, E. K., Komarova, T. A. - Electric acid crystallization from different solvents. p. 34.

- Vasil'ev, V. P., Vasil'eva, V. N. - Temperature coefficient of the heat capacity of gaseous compounds. p. 1204.
- Viktorova, E. F., Toropov, A. P. - Viscosity, density and molecular viscosity of the systems α -chloroethyl adipate. p. 1209.
- Finkel'shteyn, A. V., and others. - Solubility characteristics of the series of substituents of N-dimethylacetamide: azole, azine, and Raney constants. p. 1213.
- Berezin, R. P., Sazonova, N. I. - Effect of the spectral features of the structure of linear coordination sphere of cation on the formation of phenolates in ethanol. p. 1215.
- Savel'ev, V. N., Seryuk, L. D., Mokrushin, S. G. - Kinetics of the slow hydrolysis of hydrochloric acid solutions of titanium tetrachloride. p. 1222.
- Smirnov, R. P., Spryskov, A. A. - Some derivatives of polychlorinated chlorides. p. 1226.
- Bel'sky, V. M., Tishchenko, A. D. - Distribution of halogenated copper salts of some galvanobenzene acids. p. 1231.
- Komarova, G. F., Lenskaya, V. M. - Spectral features of the reduction of some dyes on a mercury dropping electrode. p. 1233.
- Terskhizova, L. A., and others. - Study of the catalytic activity of monovalent aluminum phosphate by potassium sulfate. p. 1236.
- Kokorin, A. D., Lukina, L. S. - Liberation of water vapor with carbon of solid fuel under pressure. p. 1241.
- Kuznetsov, A. M., Ustinov, T. I., Kuznetsov, L. L. - Loss of the capacity of oxide nickel electrode in prolonged operation. p. 1245.
- Makarov, O. E., Polubnyak, I. A., Ralskaya, L. E. - Chemical polishing of monocrystalline silicon. p. 1250.
- Aleksandrov, K. V. - Electrical properties of finished glass cloth. p. 1254.
- Mordukhin, V. P., Dadaev, V. K., Gaponov, P. N. - Study of the reaction of titanium tetrachloride with other rates of organoaluminum compounds. p. 1258.
- Smirnov, R. P. - Absorption spectra of macroheterocyclic compounds with internal opening similar to phthalocyanine. p. 1262.
- Volf, L. A., and others. - Proton resonance in deuterated polyvinyl alcohol fibers. p. 1267.
- Bykov, A. N., and others. - Study of colored low molecular polyethylene terephthalates. p. 1270.
- Isayev, B. K., and others. - Kinetics of polymerization of isoprene. p. 1274.
- Il'yasev, N. U., and others. - Application of the principle of fluidization in packed columns to ion exchange processes. p. 1279.
- Bol'manov, V. I., Dvorkov, A. D. - Efficiency indices of the water of hydrocyclohexane. p. 1283.
- Lakomkin, L. G., Alekseyevskaya, M. V. - Determination of cadmium by means of mixed ion exchangers. p. 1287.
- Shchegolev, R. V. - Colorimetric method for the determination of iodine in water. p. 1288.
- Kudashov, V. I., Zagorodnikov, V. A. - Equation of state for 2-methylpropane (isobutane) and 2,2-dimethylpropane (neopentane). p. 1292.
- Purmanova, A. A., Viktorovskaya, D. N. - Reaction of nitromethane with carbon tetrachloride and hexachloroethane. p. 1291.
- Pivovarov, V. E., and others. - Study of splash removal under the conditions of rising oil and gas and liquid. p. 1291.
- Vol. 10, no. 12, 1967.
- Table of contents translated:
- Karavayev, A. S., Borisov, N. N. - Tertiary system $K_2SO_4 - H_2SO_4 - H_2O$ at 20°. p. 1299.
- Pupkov, O. S., Litich, L. S., Krupinskaya, A. V. - Thermodynamic characteristics of the systems $MgCl_2 - HCl - H_2O$, $CaCl_2 - HCl - H_2O$, $CaCl_2 - HCl - H_2O$. p. 1303.
- Lurie, B. A., Seflov, B. S. - Spectral features of thermal decomposition of some nitrites of polyhydric alcohols in the condensed phase. p. 1308.
- Agasian, L. B., and others. - Coulometric titration of $Fe(IV)$ and $Te(IV)$ by electrogenerated SO_2 . p. 1315.
- Finkel'shteyn, A. V., Pugrechkina, V. L. - Solvatochromic effect and catalytic reduction of p-quinazone-benzenes on rhodium and palladium catalysts. p. 1320.
- Fialkov, I. U. A., Doronovikov, I. U. A. - Dielectric constant of binary systems containing formic acid. p. 1324.
- Kochetkin, V. P., and others. - Corrosion of iron in fused alkali metal phosphates. p. 1327.
- Tumel's, A. V., Asenbush, I. U. I., Laas, S. A. - Study of some Soviet polymers as starting raw material for gas chromatographic separation of volatile type. p. 1332.
- Shimanov, V. A., Pivovarov, N. I., Sazonova, A. N. - Passivation of aluminum oxide in sulfuric acid solution. p. 1336.
- Plate, A. F., Mil'vinskaya, F. M. - Study of the isomerization of α -pinene on catalysts of basic nature. p. 1340.
- Krasnova, V. I. A., Krasnova, O. M., Ozerova, I. U. S. - Behavior of polyvinyl alcohol in aqueous solutions at various temperatures. p. 1345.
- Oparin, Kh. K., Puzhetskaya, Z. B. - Electrooxidation of methylol. p. 1349.
- Lapina, L. I., Alekseyeva, Z. D. - Synthesis of esters of p-alkoxy-substituted aliphatic acids. p. 1354.
- Gromova, I. U. P., Ostrovskiy, E. A., Ralitskaya, A. L. - Overcharge of hydrogen evolution on nickel in alkali medium. p. 1358.
- Kuznetsov, V. A., Krut'kov, A. K. - Effect of parameters and forms of periodic current on the behavior of copper and zinc anodes in electro-lysis of acids. p. 1362.
- Kokorin, A. D., Shchegolev, L. I. - Study of the reduction reaction of carbon dioxide under pressure. p. 1369.
- Cheshin, V. A., and others. - Some casting charges in electric arc furnaces. p. 1371.
- Smirnov, I. P., Bel'skaya, A. A. - Siliconic acid method for obtaining glass and bottom fluorotitanates. p. 1376.
- Sechegolevskaya, N. A., Shadrinskaya, T. V., Serebry, S. I. - Fringe optical effect, its dependence on the composition of components and conditions of epoxy resin hardening. p. 1380.
- Korotkiy, R. I., Kozlov, R. N. - Isomerization of monosubstituted acids of dimethylbutane. p. 1384.
- Blumov, V. N., Serebry, V. V., Lichner, L. S. - Study of the polymerization process of aromatic materials during their treatment in fluidized bed. p. 1389.
- Kushin, N. V., Omerov, B. V. - Constant standard solutions of mineral salts for testing calibration curves. p. 1394.
- TEORETICHESKAYA I EKSPERIMENTAL'NAYA KHMIA [THEORETICAL AND EXPERIMENTAL CHEMISTRY]. Organ of Odeskenskaya Khimicheskaya tekhnologicheskaya shkola USSR [Department of Chemistry and Chemical Technology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 1, Jan. - Feb. 1968.
- Table of contents translated:
- Makarov, I. A., Gorbunov, A. A. - Electron structure of large π -electronic systems (graphite, polyacetylene, condensed). p. 3.
- Balazevskii, L. N. - Quasi-bimolecular levels of hydrocarbons with conjugated bonds. Series for project of operators of π -electrons. p. 12.
- Blum, P. A., Belikov, T. K. - Delicate variational principles for various physical values. Part 2: Variational principles for matrix element problems. p. 22.
- Riget, L. S., Komolova, N. E. - Calculation of molecules in single electron and concerted approximation. p. 29.
- Rossikhin, V. V., Morozov, V. P., Berezin, L. L. - Use of virtual theorem for calculating molecular force constants in diatomic molecules. p. 37.
- Rossikhin, V. V., Morozov, V. P., Tsarev, A. A. - Use of virtual theorem for calculating molecular force constants in triatomic force constants of a water molecule. p. 42.
- Bersuker, L. B., Oparin, I. A. - Interpretation of indirect induction of magnetic field on magnetic atoms in iron-vibron garnets. p. 46.
- Chudits, G. I., Pustel'nik, I. U. I., Gerasimov, V. V. - Thermodynamic and kinetic characteristics used for an evaluation of relative catalytic activity of oxides. p. 53.
- Gurikov, I. U. V. - Statistical thermodynamics of solvation. p. 61.
- Smirnov, M. V., Khramov, A. P. - Entropy of mixing of molten salts. p. 69.
- Bel'skaya, A. I., Gorbunov, L. L., Chuditskaya, A. G. - Polarity of N,N-dimethylacetamide and electron paramagnetic resonance spectra of nitro radicals. p. 75.
- Moromov, V. I., and others. - Applicability of the theory of nonhomogeneous broadening to organic radicals. p. 83.
- Trefimov, V. I., and others. - Radical yields of radicals in solid organic substances containing heteroatoms. p. 93.
- Sidorov, T. A., Tikhonov, V. A. - Electron absorption spectra and electron paramagnetic resonance spectra of irradiated silicate glasses. p. 96.
- Sevin, R. D. - Blum, G. Z. - Some aspects of the thermodynamics of highly diluted solutions of nonelectrolytes. p. 102.
- Veselov, M. G., Lazavskii, L. N. - Calculation of energy of correlation in the linear combination of atomic orbitals method. p. 107.
- Kuznetsov, A. N., Silovskaya, O. I., Kharitonova, V. N. - Correlation diagrams of the second order on Hartree-Fock functions. p. 110.
- Vasilevskiy, A. S., Katsnelson, L. G., Zhurav, N. I. - Numerical integration of the Schrödinger equation for vibrations of diatomic molecules. p. 113.
- Kochetkin, T. A. - Acid-base properties of dioxides of tetraalkyl(aryl)-methylcellulosephosphates. p. 116.
- Solov'yov, S. P., Prokof'ev, A. I. - Relation between density of an unpaired electron in radicals and their reactivity. p. 120.
- Lichner, T. V., Molin, I. U. N., Mamayev, V. P. - Evaluation of the effect of a polar substituent on proton chemical shift in substituted alkanes. p. 124.
- Taranukha, O. M., and others. - Measurement of spin-lattice and spin-spin relaxation time of macroradicals by continuous saturation. p. 131.
- Lisitsin, A. E., Gerasimov, V. A. - Some regularities in nonspecific effect of solvents on the effective dipole moment of molecules. p. 120.
- Leskovskiy, P. T., Puzhetskaya, M. V. - Effect of an external static electric field on the electron paramagnetic resonance spectrum of C_2^{2+} ions in synthetic ferrihydrite. p. 135.
- Gorodyskiy, V. A. - Analysis of possible structure of ferromagnetic complexes with methyl derivatives of benzene by using ultraviolet spectroscopy. p. 138.
- USPEKHI KHIMII (PROGRESS IN CHEMISTRY) Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 31, no. 4, Apr. 1968.
- Table of contents translated:
- Orlovskiy, M. I., Puchkovskiy, L. - New data on oxygen-containing iodine compounds. p. 537.
- Andreev, V. M., Kuznetsov, Shchegolev, I. P., Kazarian, S. A. - γ -Aldehyde acids. p. 650.
- Dzhalilov, A. V., Gerasimov, M. L. - Advances in 1,3-dioxane chemistry. p. 591.
- Peckov, R. - Aluminum alcoholates. p. 647.
- Bykova, L. N., and others. - Advances in the field of analytical chemistry of nonorganic substances. p. 877.
- Bel'skaya, A. I., Gerasimov, K. Z. - Fluorescence in electron microscopy of polymers. p. 712.
- Maslov, V. M., Zaitov, I. A. - Water as noncondensing materials. p. 734.
- VSESOIYUZHNOE KHIMICHESKOYE OBNICHESTVO IMENI D. I. MENDELEEVA. Zhurnal [D. I. MENDELEEV ALL-UNION CHEMICAL SOCIETY. Journal]. Moscow, vol. 13, no. 2, 1969.
- Table of contents translated:
- Radikov, P. P., Shishkov, N. V., Shubina, N. V. - Achievements in the field of creation of condensed materials based on oxides and metals. p. 124.
- Deglarova, L. V., Kabanovskiy, L. S. - Polystyrylamine transparent materials. Their properties and use. p. 130.
- Amvskiy, V. K. - Growing of single crystals of high temperature oxides. p. 134.
- Pavlovskiy, N. M., Khodakovskaya, I. A. - Pyrocerams: the new glass-based polycrystalline materials. p. 142.
- Halt, H. M., Timashev, V. V. - High-strength materials. Their production and properties. p. 151.
- Gromovskikh, H. G. - Comparative crystallochemical systematic and morphological transformations of silicates and their analogs (pyromorphites and fluorocryolite). p. 160.
- Dukovskiy, V. A. - Oxide refractory materials in industry. p. 165.
- Ibratseva, A. I. - High refractory anticorrosion coatings. p. 160.
- Rudnik, P. P., Krut'kov, L. A. - Hydrothermal hardening binders. p. 176.
- Toropov, N. A., Degen, M. G. - New intercalation of inorganic materials. p. 182.
- Kuznetsovskiy, V. I., Jaskov, A. M. - Uranium dioxide as fuel material for atomic reactions. p. 187.
- Kuznetsov, N. S. - Effect of irradiation on ceramic materials. p. 193.
- Belavina, I. A. - New methods for molding ceramic ware. p. 200.
- Lichner, L. A., Enel's, F. R., Shchegolev, M. D. - Mechanization and automation in the china and faience industry. p. 200.
- Stefanovskiy, L. E. - Economic trends in the production of silicate materials in the United States. p. 212.
- Mikhail Aleksandrovich Mar'kov. p. 223.
- Kuznetsov, D. A. - Dmitriy Aleksandrovich Kuznetsov. p. 224.
- Shchegolev, S. I. - Symposium on "Mechanical and Thermal Properties and the Structure of Inorganic Glasses" p. 225.
- Zhel'tov, A. I., Rodionov, V. I. A., Stepanov, D. I. - Synthesis of 3,4'- and 5,6'-dimethylphenylene-2,2'-disulfide. p. 228.
- Gor'kov, M. V., Landman, S. B. - Nitration of aniline 2,6-di-*tert*-butyl-4-nitrophenol-6,6-dichloro. p. 229.
- Mall'iseva, A. S., Kogan, L. M., Frolov, M. E. - Explosibility of methyl isocyanate. p. 230.
- Postorov, A. I. - Use of woven capron framework melting as a sublayer under filtering cloth. p. 231.
- Orlov, V. G., Ivanov, M. G., Mushkin, I. U. I. - Kinetics and mechanism of reactions of cyanamide with amino compounds. p. 231.
- Kazarian, V. A., Filashkova, G. V., Shilanova, G. G. - Constants of ionization of galleyllum for an ionic strength from 0 to 1. p. 233.
- Stepanova, O. S., and others. - Synthesis and some chemical transformations of alkyl- α -methyl-alkyl- α -malonic esters. p. 234.
- Preobrazhenskaya, M. N., Orlova, L. M., Suvorov, N. N. - Bromination of 3-acylindoles. p. 236.

ZHURNAL OBIKHOI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, no. 5, May 1963.

Table of contents translated:
Ivanov, I. A., Kravtsovskii, M. I., Isachina, L. F. - Electrolytic dissociation of complexes in systems formed by the colored, propionic acid, nicotinic acid, and methyl salicylate. p. 953.
Gorenblin, E. I., Gorenblin, A. E., Fominskaya, A. A. - Physicochemical study of the system $\text{CH}_3\text{CONH}_2 + \text{H}_2\text{O} \rightleftharpoons \text{CH}_3\text{CN} + \text{H}_2\text{O}$. p. 960.
Volkov, A. A., and others. - Equilibrium of naphthalene hydrogenation reaction. p. 961.
Gorokhovskaya, A. S., Markova, L. F. - Polarographic study of acrylamide in nonaqueous media. Part 1. p. 967.
Markova, L. G., Feodorov, L. G. - Polarography of organochlorine compounds. Part 8. Reduction of esters of dihaloacetic and dihaloacetic acids. p. 970.
Selkin, I. V., and others. - Reaction of ketene with nitrogen-containing bases. Part 25: Polygraphy of imidazolidines. p. 977.
Elisei, L. S., Kufnitskii, G. N. - Polarographic and spectral study of derivatives of methyl 2,3-dihydro-4,9-dioxo-1,2,3,4-tetrahydropyridine. p. 981.
Kozlov, B. A., Polak, S. L., Stepanov, H. L. - Ortho effect of chlorine and methyl groups in α -hydroxy- β -chloro- γ -amino acids. p. 985.
Ruzanovskaya, N. A., and others. - Effect of chlorine in position ortho to 2-hydroxybenzylamine. p. 990.
Lagubskii, E. B., and others. - Study in the field of potential organic superconductors. Part I: Complexes of dyes with 7,7,8,8-tetracyanoquinodimethane. p. 992.
Berkner, E. I., Golubinskaya, A. A., Feldman, I. Kh. - Chemistry of imidazoles and amides. Part 5: Addition of amides over a double bond. p. 998.
Ilyusov, V. F., and others. - Reactivity constants of some 2-halopyridines. p. 1001.
Sondin, A. M., Levitskaya, N. K., Izrael, V. A. - Viscometric method of studying water-dioxane solutions. p. 1008.
Krii, N. A., Rindell, G. A., Shchekina, L. A. - α -Substituted α -amino acids. Part 12: Synthesis of peptides and peptides containing an N-benzoyl- α -hydroxyglycine radical. p. 1015.
Alarbi, A. S., Dmitrieva, Z. T., Trifunov, B. A. - New examples of the Mannich condensation involving diethyl ether of methylenamine. p. 1024.
Litvinenko, L. M., Savelova, V. A., Shal'skaya, V. A. - Kinetics of pyridine catalyzed formation of sulfamides. p. 1028.
Ternov, R. V., Romanchukova, L. A., Tchern, A. B. - Reaction of sodium iodide with ketones. p. 1037.
Marinyov, V. F., Grelenkina, V. M. - Fluorine-containing carbonyl compounds in the Kricheldorf reaction. Part 1: Reactions of fluorine-containing aldehydes with nitroacetic ester. p. 1044.
Marinyov, V. F., Grelenkina, V. M. - Fluorine-containing carbonyl compounds in the Kricheldorf reaction. Part 2: Reactions of fluorine-containing aldehydes with nitroacetic ester. p. 1044.
Zhdanov, I. A., Polenov, V. A. - Reaction of unsaturated aldehydes with β -methoxybenzylamine. p. 1046.
Zakharukh, L. I., and others. - Reaction of 1-halo-2-methylbenzenes with magnesium. p. 1048.
Slavskii, V. I., and others. - Synthesis and some chemical properties of aldehydes of the larene series. p. 1056.
Tsvetkov, V. S., Ivanova, H. G., Kamal, G. Kh. - Some phosphorus-containing derivatives of cumylphosphine. p. 1062.
Diatlova, N. M., and others. - Beryllium complexes with monoalkylphosphonic acids. Part 1. p. 1065.
Diatlova, N. M., and others. - Beryllium complexes with alkylarylphosphonic acids. Part 2. p. 1071.
Diatlova, N. M., and others. - Beryllium complexes with phosphorylated polyamine derivatives. Part 3. p. 1076.
Shokri, V. A., Gamalela, V. F., Derkach, G. I. - Derivatives of isocyanatomethylphosphonyl chlorides. p. 1081.
Akhmetzhanov, I. S. - Interaction of trialkyl phosphites with hydrogen sulfide. Part 2. p. 1089.
Savileva, G. A., Gazizov, M. B., Razanov, A. I. - Reactivity of carbonyl-containing organophosphorus compounds. Part 6: Polarographic study of phosphorylated aromatic α -ketones in aprotic medium. p. 1093.
Krasnitskaya, E. A., Popov, A. M., Razanov, A. I. - Derivatives of phosphonic and phosphinic acids. Part 52: Reaction of dihaloesters of alkylphosphonic acids with alkyl halides. p. 1096.

Marzakh, L. I., Sandalova, L. I., Lutsakov, V. P. - Reactions of β -alkylamido- β -acyl phosphites with aromatic compounds. p. 1107.
Tolubko, A. E., Gamalela, V. F., Derkach, G. I. - Derivatives of isocyanatomethylphosphonyl chlorides. p. 1104.
Marzakh, L. I., Sandalova, L. I., Lutsakov, V. P. - Reactions of β -alkylamido- β -acyl phosphites with aromatic compounds. p. 1107.
Tolubko, A. E., Gamalela, V. F., Derkach, G. I. - Derivatives of isocyanatomethylphosphonyl chlorides. p. 1104.
Razanov, N. A., Litvinenko, Z. I., Petrov, A. A. - Phosphorus-containing heterocycles. Part 15: Glycidophosphoryl fluorides. p. 1112.
Sondin, A. M., Kufnitskii, G. N. - Structure and color of esters of α -hydroxy- β -amino acids with α -hydroxy- β -amino acids. p. 1122.
Akhmetzhanov, I. S., Lutsakov, V. P., Trifunov, B. V. - Complex formation of halo derivatives of aromatic amines with nitro compounds. Part 3: Some characteristics of absorption spectra of complexes of dihaloacetic acids with nitro compounds. p. 1127.
Kochergin, P. M., Poles, R. M. - Indazole series. Part 44: N,N -dialkylindazole-2-carboxylic acids and derivatives of their transformation to 1-alkyl-2-(alkyl)-5-chloroindazoles. p. 1132.
Kopelovich, V. M., and others. - Studies in the field of benzene. Part 3: Synthesis of the derivatives of 1,4-dichloro-2,5-dimethyl-1,4-dicyanobenzene. p. 1135.
Tolmachev, A. I., Belits, Z. M., Shal'skaya, L. M. - Esters of compounds of the pyrene series. Part 14: Fluorocarbonyl acids and amides. p. 1139.
Sondin, A. M., Zargorodskii, V. S., Petrov, A. A. - Unsaturated hydrocarbons. Part 9: Addition of diazo methane to acetylene hydrocarbons. p. 1146.
Zargorodskii, V. S., Shal'skaya, L. M., Petrov, A. A. - Unsaturated hydrocarbons. Part 10: Action of sulfur and germanium tetrachloride on trialkylammonium salts. p. 1150.
Pavlovskii, V. T., and others. - Complex compounds of metals with some nitrogen-containing ligands. Part 10: Complexes of thiamine and the tetrahalides with pyrazole systems. p. 1154.
Pavlovskii, V. T., and others. - Complex compounds of metals with some nitrogen-containing ligands. Part 11: Complexes of thiamine and their metal chlorides with the thiazole tetrahalides. p. 1163.
Orlov, L. V., and others. - Complex compounds of metals with some nitrogen-containing ligands. Part 12: Complexes of cobalt(II) and manganese(II) with benzal- α -aminoalcohols and their derivatives. p. 1167.
Shchekina, L. A., Komarov, N. V., Pavlovskii, V. T. - Triple bond of α -alkylacetylenes in some addition reactions. p. 1172.
Komarov, N. V., Pavlovskii, V. T., Shchekina, L. A. - Synthesis of silicon-containing β -chloro- γ -haloketones. p. 1176.
Kozlov, B. A., Shchekina, L. A., Mironov, V. F. - Synthesis of carboxylic acid organocatalytic compounds containing isopropyl and chloromethyl groups. p. 1176.
Mironov, V. F., Litvinenko, Z. I., V. S., Savelova, V. A. - Synthesis and some transformations of polychloroalkylketones. p. 1180.

ZHURNAL ORGANICHESKOI KHIMII [JOURNAL OF ORGANIC CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 11, Nov. 1967.

Table of contents translated:
Akhmetzhanov, I. S., and others. - Development of organic chemistry in the U.S.S.R. p. 1005.
Zhdanov, I. A. - Free energies of organic compounds and biogenesis. p. 1015.
Ginzburg, A. G., Selkin, V. N., Kirsanov, D. N. - Hydrogen isotope exchange in hexasubstituted benzene derivatives. p. 1021.
Zel'tov, N. S., Sokolov, N. M., Kirsanov, R. A. - Stereochemical studies. Part 1: Stereochemistry of the addition of some electrophilic agents to double bond of dihydropyran. p. 1025.
Belitskaya, L. P., Kirs, A. L., Reider, O. A. - Electrophilic substitution at aromatic atom of carbon. Part 6: Kinetics and mechanism of anion catalyzed protolysis of arylmercury bromides in dimethylformamide. p. 1033.
Pogorzhelskaya, N. A., Mironov, V. F., Petrov, A. A. - Enyne amines. Part 8: Hydrazinolysis of N,N -dialkylhydrazinolysis of alkylthio-1-buten-3-ynes. p. 1033.
Zubovskii, L. M., Bal'yan, Kh. V. - Studies in the series of thiophenes. Part 12: Interaction of thiophenes with α -haloacetylenes and allenynes isomerization of some thiophenes. p. 1033.
Petrova, R. G., Kador, I. I., Treidina, R. Kh. - Reactions of thiols with unsaturated compounds in the presence of iron pentacarbonyl. p. 1042.

Parfenov, I. A., Serchenkovskaya, G. A., Prokhorovskii, N. A. - Lipid research. Part 52: Condensation of 1,2-epoxyalkanes and 1-alkenyl ethers of glycidol with acid halide derivatives. p. 1051.
Parfenov, I. A., Serchenkovskaya, G. A., Prokhorovskii, N. A. - Lipid research. Part 53: Obtaining 1-alkenyl ethers of glycidol with the use of cyclic sulfides of n -(2-p-toluenesulfonyl) alkyl ethers of glycerol. p. 1055.
Serchenkovskaya, G. A., and others. - Lipid research. Part 54: Synthesis of 1-heptadecyl ether of glycerol. p. 1058.
Kuvshinov, I. A., Plekhanov, M. M. - Isotopic reaction. Synthesis of secondary acetylene alcohols. p. 1062.
Vartanov, S. A., Barkhudarian, M. R., Harbidjan, S. O. - Chemistry of vinylarenes. Part 78: Acetylene- α -alkene copolymerization in chlorine substitution by amines in primary and secondary vinylarene chlorides. p. 1067.
Sostakovskii, M. F., and others. - Vinyl ethers containing epoxy group. Part 1: Synthesis and some reactions of 1-(vinylhydroxyalkoxy)-2,3-propylene oxides. p. 1072.
Stobits, I. A., Tskheret, I. V. - Spino [2, 6] π -lane. p. 1078.
Sostakovskii, M. F., and others. - Vinylarenes. Part 2: Synthesis of monovinylarenes of dihaloalkyl arene. p. 1087.
Karyan, V. S., Spil'skaya, L. M., Tominikova, T. I. - Chemical transformations of α -haloalkenes. Part 13: Interaction of α -halo- α -deoxybenzoin with sodium phenolate in methyl and isopropyl alcohols. p. 1083.
Sarama, H. A., Karyan, V. S., Tominikova, T. I. - Interaction of metal derivatives of compounds having a mobile hydrogen atom with α -haloalkenes. Part 4: Properties of 2-anilino-3-cyanobutenes. p. 1087.
Tominikova, T. I., Samokhin, H. N., Volkova, G. I. - Intramolecular condensation of monosubstituted arene derivatives with nitriles in benzene solution. p. 1096.
Kuvshinov, I. A., and others. - Synthesis and structure of vinylarenes. p. 1098.
Akhmetzhanov, I. S., Pavlovskii, V. T. - Reaction of nitro- γ -haloalkylarenes with alkenes by tetrahydrofuran. p. 2103.
Lapkin, L. I., Zelenina, N. S. - Reactions of α -haloalkyl ethers in the presence of zinc. Part 6: Interaction of α -haloalkyl and α -haloalkyl with dimethylthiophenyl ether in the presence of zinc. p. 2103.
Litvinenko, N. M., Kuznetsov, S. H. - Substitution of mobile atom of hydrogen by an amidealkyl radical. p. 2112.
Kuvshinov, I. A., Buzina-Krasnitskaya, L. I., Litvinenko, N. M. - Condensation of aromatic compounds with halogen derivatives of allyl type. Part 2: Alkylation of α -chloro-4-chloro- and 4-chloro-2-pyridines. Chlorine para-orientation. p. 2116.
Dubina, V. I., Buzina-Krasnitskaya, L. I., Litvinenko, N. M. - Aromaticity of benzene derivatives. Part 3: Synthesis and kinetic hydrolysis of 1-benzene- α -alkyl-2-alkyl (2,2-dialkyl) benzene derivatives. p. 2024.
Akhmetzhanov, I. S., Litvinenko, N. M., Kuvshinov, I. A. - Reducing isolation of carbonyl compounds. Part 6: Metallation of aliphatic-aromatic ketones. p. 2027.
Kuvshinov, I. A., Ginzburg, O. P. - Thermodynamic equilibrium in acid solutions of α -amino compounds. Part 4: Molar coefficients of the equilibrium of amines. p. 2032.
Kirsanov, R. A., Verbitskaya, T. M., Moshkova, L. I. - Cyanine dyes with two conjugate chromophores. Part 3: p. 2036.
Kirsanov, R. A., Moshkova, T. M., Moshkova, E. A. - Cyanine dyes with two conjugate chromophores. Part 4. p. 2041.
Kuvshinov, I. A., Litvinenko, N. M. - Synthesis and properties of α -haloalkenes. Part 38: Synthesis and kinetic of N -acetylurea derivatives of α -haloalkenes. p. 2047.
Litvinenko, N. M., Elisei, L. S. - Stability of quaternary of ketone (p) quaternary α -5,10-dione derivatives. p. 2054.
Mironov, V. F., Makshov, A. A., Koryakov, V. I. - Chemistry of free radicals in the hydrolysis series. Part 51: NN' -bis(4-phenyl-6-hydroxy-1-hydroxy-2-alkyl-3-phenyl)phthalazine and NN' -bis(4-phenyl-3-phenyl-1-hydroxy-2-alkyl-3-phenyl)phthalazine. p. 2067.
Bal'yan, I. A., Litvinenko, N. M., Kirsanov, R. A. - Dialkylhydrazinolysis of monosubstituted alcohols. p. 2063.
Litvinenko, N. M., Bal'yan, I. A., Kirsanov, R. A. - Bicarboalkoxyiminoethoxide of sulfur. p. 2068.

Vol. 4, no. 2, Feb. 1968.
Table of contents translated:
Drozh, V. N., Zhdanov, I. A. - Orienting influence of substituents in a nucleophilic attack of a benzene ring. Part 1. p. 185.

Spryskov, A. A., Barinskaya, I. K. - Orientation in substitution in the aromatic series. Part 19: Orientation of a nitro group in nitration of naphthalene at low temperatures. p. 191.

Mirk, I. A., Pentto, I. U. A., Beletskaya, I. P. - Infrared and ultraviolet spectra of organomercury compounds. Part 4: Infrared spectra of some benzyl mercury halides and dibenzylmercury within the 200-550 cm⁻¹ range. p. 190.

Charkasov, L. N., Bal'fan, Kh. V., Kormer, V. A. - Synthesis and properties of derivatives of allene hydrocarbons. Part 13: Reaction of aromatic organolithium compounds with vinyltoluene. p. 204.

Zvereva, E. N., and others. - Studies in the field of lipids. Part 57: Synthesis of DL-erythro-2-undecyl-1,3-dihydroxyoctanediol-erythro-2-hydroxy-3-epigallocatecoguard its N-acetyl derivative. p. 207.

Milner, R. I., and others. - Studies in the field of complex lipids. Part 34: Synthesis of DL-erythro-dihydroxyoctanediol. p. 210.

Svetlov, N. V., Molok, I. E., Vasilchenko, A. A. - Nitrolysis of organic halides. Part 1: Nitrolysis of beta-haloalkylhalides. p. 213.

Sudakov, I. D., Sudakov, S. K., Yanilov, A. P. - Electroreduction of nitriles. Part 7: Electroreduction of 1,4-dihydro-1-benzene. p. 216.

Gomelskiy, N. I., and others. - Halogenation of unsaturated compounds with aromatic diazo compounds. Part 33: Chlorination of divinyl, isoprene, and chloroprene with some biphenyl, p-benzodiazonium chlorides. p. 222.

Sokolnik, I. A., Sh., Danchuk, A. V., Permyakov, D. M. - Halogenation of unsaturated compounds with aromatic diazo compounds. Part 34: Chlorination of acrylonitrile. Analogs of Alpha-alkeno-beta-acylpropionyl and beta-acylpropionyl acids. p. 229.

Tartakovskiy, V. A., and others. - Reaction of 1-hydroxy-2-ethyl-1-methyl-1-ole ester with 1,3- and 1,4-dienes. p. 231.

Tartakovskiy, V. A., and others. - Nitrolysis esters in the acylhydroxylation in the reaction of 1,3-dipolar cycloaddition. p. 236.

Tartakovskiy, V. A., Savitskiy, I. A., Novikov, S. S. - Oxidation of ester of allenehydroxylation in the reaction of 1,3-dipolar cycloaddition. p. 240.

Grekov, A. P., Skripchenko, V. K. - Structure and reactivity of hydrazine derivatives. Part 12: Kinetics of the reaction of hydrazides of butyric and succinic acids with succinic and glutaric anhydrides in benzene solution. p. 243.

Shklov, I. A., Astanov, I. A., Muralov, R. M. - Studies in the field of synthesis and transformations of unsaturated organic compounds containing oxygen. Part 43: Synthesis and transformation of some acetylene oxides. p. 247.

Ushakov, T. M., Poplanova, A. V., Golubeva, G. V. - Synthesis of heptalene 4,6-unsaturated and its derivatives. p. 249.

Shaban, A. T., Chukhadzhian, K. O., Rashmatzhan, K. A. - Studies in the field of amines and ammonium compounds. Part 53: Synthesis of some tertiary amines containing chlorine. p. 252.

Shchukavskiy, M. F., and others. - Divinyl ether of chloroacetylene in the reaction of arylene anion-methylation. p. 254.

D'Isakov, I. A., Kharlamova, E. M. - Cyclopropanes and cyclopropenes. Cis and trans-1,2,3-trimethylcyclopropanes and their isomers. p. 256.

Trifimov, B. A., Alavin, A. S., Orlov, S. E. - 1,3-Dioxolanes in Birch's reaction. p. 264.

Stankov, V. I., Shilov, E. A., Kuznetsov, E. R. - Products of the oxidation of salts of beta, gamma, and gamma, delta-unsaturated acids. p. 268.

Mil'vitskiy, E. M., and others. - Conversions of 1-methylcyclohex-1,3,5-triene and 1-methylcyclohex-1,3,5-triene in the presence of silica gel and in hydrogenation over platinum catalysts. p. 271.

Stepanov, E. N., Dvornik, N. I. - Adamantane and its derivatives. Part 15: Adamantane series aldehydes. p. 277.

Shishkin, G. V., Mamurov, V. P. - Selective dihydroxylation of diamines according to a loss basic amino group. p. 280.

Steele, A. P., Gladyshova, E. N., Ellis, V. S. - Synthesis of methyl(N-vinyl-N-phenyl) carbamate. p. 284.

Sklyarov, V. S., Panisurkin, V. I. - Synthesis of N-alkylammonium salts of diacylglycolic acids. p. 286.

Lipovich, V. G., and others. - Study of isomerization transformations of alkylbenzenes. Part 5: Disproportionation of cycloalkylenes in the reaction with an aluminum chloride catalyst. p. 293.

Dubovskiy, R. G., Usenko, I. U. N., Pol'kis, P. S. - Reactions of p-alkyltoluenes containing an active methyl group with acrylonitrile and nitrosylbenzene. p. 298.

Grebanyuk, A. D., Zaitseva, N. T. - Conjugated three-component Friedel-Crafts reactions. Ketoalkylation of benzene by nitrobenzene and nitroalkylbenzenes in the presence of aluminum chloride. p. 302.

Dvornik, R. G., Usenko, I. U. N., Pol'kis, P. S. - Studies of arylhydrazones of arylsulfonyl glyoxyl acid ethyl ester. Part 7: Synthesis and properties of arylhydrazones of arylsulfonyl glyoxyl acid. p. 305.

Choshin, F. F., Aligov, I. U. A., Dvornik, R. G. - Synthesis of individual isomers of sodium n-decylbenzenesulfonate and sodium n-octylphthalatesulfonate. p. 307.

Mikstov, L. A., Lavrovich, I. A., Aron, A. K. - Reaction of 2-ethylundec-10-phenyl-1,3-indene with alcohols. p. 313.

Ter-Sarkisyan, G. S., Mikhailov, H. M. - Bromination of 1-Omega-ethylmercaptoethylene-2,6,6-trimethyl-2-cyclohexene. p. 317.

Egors, T. S. A., Porat-Kushin, D. A., Mikhlin, V. I. - Structure and transformations of aromatic diazo compounds. Part 42: Study of the product of p-toluenesulfonyl isodiazotate acylation. p. 322.

Dobson, R. G., Nephov, V. M., Pol'kis, P. S. - Studies in the field of arylsulfonyl methylene series. Part 4: Synthesis and properties of halo derivatives of 1-hydroxybutyl methylene. p. 324.

Kalibabek, R. M., Kuchukov, V. D. - Q-phenyl rearrangement of haloalkylchlorides. p. 329.

Thier, E. A., Sereda, V. I., Vladimirov, S. S. - Kinetics of quaternary chlorides. p. 332.

Ieffe, D. V., Kuznetsov, S. G. - Reducing metalation of carbonyl compounds. Part 7: Metalation of benzoylformic acid. p. 336.

Oshkaba, V. P., Eglit, G. K., Krasilev, R. V. - Synthesis of 2,4-dimethyl-3-hydroxy-1,3-bis(hydroxy)propane. p. 338.

Dromovskiy, V. P., Kizil'skiy, A. A., Berle, A. A. - Formylation of 3-methoxyphenylamine. p. 340.

Petrushin, G. P., Isachenko, V. G. - Substitution reaction in the phenylphenyl haloalkyl series. p. 343.

Tikhonov, M. N., Kuznetsov, S. S. - Bromination reaction with 2,2-pyridine methylchloridecyclohexane. p. 349.

Table of contents translated: Mil'man'skiy, V. M. - Proof of the existence of invariant systems of linear differential equations with almost periodic coefficients. p. 391.

Vasil'eva, A. B. - Study of the asymptotic properties of a differential equation bound in some kinetics problems. p. 397.

Kretschmer, I. U. P. - Optimal linear processes in unbounded control. Part 1. p. 400.

Erugin, A. S. - Some analytical characteristics of the solution of a differential equation in the case of a local point. p. 423.

Pukhachev, V. V. - Asymptotic behavior of solutions of a linear ordinary differential equation in the second order with a transition point dependent on the parameter. p. 429.

Lapatin, A. K. - On the algebraic reducibility of systems of linear differential equations. Part 1. p. 430.

Van Der Cheet (Wang Tzu-chih). - A stability criterion proposed by Liapunov. p. 440.

Gritchenko, L. A. - Some estimates in the method of averaging for multifrequency systems of ordinary differential equations. p. 459.

Zverikhin, A. M. - Completeness of a system of Floquet type solutions for equations with delay. p. 474.

Grilo, E. I. - Solutions of Briot and Bouquet equations with deviating argument. p. 470.

Babakov, V. F. - Asymptotic behavior of the solution of a problem for a nonlinear integrodifferential equation containing a small parameter in the derivative. p. 491.

Teplin, A. L. - Applicability of the principle of the maximum to an elliptic difference equation. p. 508.

Dolgacheva, S. M. - Summation of expansions in the main vectors of some non-self-adjoint differential operators. p. 518.

Miroshnikov, A. A. - A class of solutions of a system of integrodifferential equations. p. 526.

Shapovalov, V. V. - A problem in heat transfer theory. p. 533.

Khrushch, V. G. - Solutions of some differential equations in classes of functions quasi-analytic relative to differential operators. p. 539.

Myshkin, A. D., Shershakov, A. A. - Construction of a set of initial points of integral lines embedded on a half-plane for a linear Hamiltonian system of two equations with periodic coefficients. p. 547.

Kurdakov, Kh. I. U. - New proof of the instability of characteristic exponents of a certain regular system. p. 551.

Kucherenko, E. I. - Convergence of Galerkin's method for the Cauchy problem of a system of nonlinear hyperbolic equations having two independent variables. p. 553.

WATERMANSKIE ZAMETKI [MATHEMATICAL NOTES]. Issued by Odeskenskaya matematicheskaya Akademiya SSSR [Department of Mathematics of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 3, no. 2, 1968.

Table of contents translated: Lashchev, A. P. - Representation of functions, analytical in an open circle, by Dirichlet's series. p. 113.

Mikhailov, A. A. - Completeness of a system of functions. p. 125.

Rekhter, G. A. - Inequalities for symmetric average. p. 133.

Sakharov, D. V. - Some properties of functions appearing to Orlicz space. p. 145.

Sobolev, I. U. N., Tikhov, I. V. - Best approximation of a differentiable operator in L_p -space. p. 157.

Vakhanin, N. N., Krasivskiy, I. N. - Note on the intersection of bounded closed sets. p. 165.

Kalashnikov, A. S. - On increasing solutions of linear second-order equations of nonnegative characteristics. p. 171.

Makarev, A. V., Startsev, A. V. - Threshold theorem on the model of an epidemic. p. 179.

Agakishova, S. A. - On graphs with prescribed surroundings of vertices. p. 211.

Erugin, I. I. - Method of Euler approximations in convex programming. p. 217.

Vol. 3, no. 4, 1968.

Table of contents translated: Vinogradov, A. I., Spiridonov, V. G. - Representation of numbers by binary forms. p. 309.

Golobok, A. I. - Estimating the initial transcendence measure of the values of E-functions. p. 377.

Sovetskoy, D. A. - Mathematical explanation of functions from sums of a random number of independent terms. p. 387.

Aliev, I. Sh. N. - Power of a set of equally complex submatrices of a manifold of symmetrically ternary quasi-groups. p. 395.

Kovalev, G. A. - Example of a homotopic tube constructed from a surface with a closed asymptotic line. p. 403.

Gekhtman, M. M. - Localization of the spectrum of some self-adjoint operators. p. 415.

Lukov, E. I. - Continuous analog of a gradient method. p. 421.

Shilov, E. A. - Existence of topologically nonfactorizable nonergodic transformations of an n-dimensional domain. p. 427.

Amirova, V. A., Chavskiy, V. M. - Some inequalities of the V. A. Markov type. p. 431.

Ivashov-Mosolov, O. S. - Moments and li-norms. p. 441.

Prokhorov, V. I. - Odd or even extensions of Fourier coefficients of functions. p. 449.

Timon, T. A. - S. G. Mikhailov's problem dealing with the order of singular integrals at infinity. p. 461.

Oleinik, O. A. - On the mathematical theory of the boundary layer. p. 473.

Semiv, B. Kh. - Approximation relative to the Hausdorff distance. p. 481.

Vol. 3, no. 6, 1968.

Table of contents translated: Nechaev, V. I. - Linear recurring congruences with periodic coefficients. p. 625.

Govorov, V. I. - Derivatives of radicals of moduli. p. 633.

Drozd, I. U. A., Kirichenko, V. V. - Representations of completely decomposable rings. p. 643.

Zhitomirskiy, B. I. - Deformations of homogeneous stratifications. p. 651.

Lapin, Z. S. - Determining correlations of semi-groups in all directed transformations of a finite ordered set. p. 657.

Murskiy, V. L. - Some examples of manifolds of semi-groups. p. 663.

Bulov, V. M. - Approximation of functions by partial sums of Fourier series in terms of generalized Jacobi polynomials. p. 671.

Genotchev, V. L. - Convergence in L_p of expansions in eigenfunctions of a Sturm-Liouville problem. p. 683.

Dvornikov, I. A. - A theorem of Szego. p. 693.

Lien, F. S. - A problem of mean square approximation related to the study of the generalities of an F-algebra. p. 703.

Mikhlin, A. A., Reizins, L. - On the number of cells in a dynamic system. p. 707.

Kronov, A. P. - Generating elements of some Volterra operators related to third and fourth order differential operators. p. 715.

Alazhlev, I. U. A. - K. - Lines and surfaces of regression of a three-dimensional correlation. p. 721.

Prokhorov, A. V. - A probability inequality. p. 731.

Shilov, A. N. - Studies on statistical sequential analysis. p. 739.

chloride and their adsorption on silica gel. p. 3140.

Vidukha, I. V., Orzechim, L. N. - Solubility of nickel carbamate and nickel chlorides in water. p. 3112.

JOURNAL OBSHCHEY KHIMII [JOURNAL OF GENERAL CHEMISTRY], issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 38, no. 6, May 1963.

Table of contents translated:

Lysenko, D. A., Krasnushchik, M. F., Isackin, L. F. - Electrolytic dissociation of complexes to systems formed by the chloric, propionic acid, acetic acid, and methyl valerate. p. 952.

Gorbenko, I. I., Gornitskiy, A. E., Fominskii, A. A. - Physicochemical study of the system $\text{CH}_3\text{CONH}_2 + \text{I}_2 + \text{CH}_3\text{CN}$. p. 950.

Volkov, A. A., and others. - Equilibrium of naphthalene hydrogenation reaction. p. 963.

Gorokhovsky, A. S., Markova, L. F. - Polarographic study of acrylamide in aqueous media. Part I. p. 967.

Markova, L. G., Fokistov, L. G. - Polarography of organotin compounds. Part 3: Reduction of esters of dihaloformate and algalomalic acids. p. 970.

Svetlich, I. V., and others. - Reaction of ketone with nitrogen-containing bases. Part 35: Polarography of imidazolizolones. p. 977.

Eltsov, I. S., Koltishchik, G. N. - Polarographic and spectral study of derivatives of naphthyl[2,3-n]indole-4,9-dione. p. 981.

Kirich, B. A., Pukhov, S. L., Stepanov, B. L. - Orientation of chlorine and sulfur hydrogen bond in α -hydroxy- α -chloro- α -sulfone compounds. p. 986.

Reznichuk, N. A., and others. - Effect of nitrobenzene in solution on the 2-hydroxy-2-aminoethanol. p. 991.

Laginskii, F. B., and others. - Study in the field of potential organic superconductors. Part I: Complexes of dyes with 7,7,8,8-tetracyanoquinodimethane. p. 992.

Bozhanov, E. I., Golubinskii, A. A., Fedotkin, I. Kh. - Chemistry of halohydrins and alcohols. Part 5: Addition of amines over a double bond. p. 999.

Bykov, V. F., and others. - Reactivity constants of some 2-hemiryls. p. 1001.

Skolnik, A. M., Levitskii, N. K., Lazhnikov, V. A. - Viscometric method of studying water - dioxane solutions. p. 1006.

Kill, N. A., Bartlett, G. A., Mikhaleva, L. A. - α -Sulfonamide- α -amino acids. Part 12: Synthesis of peptides and oligopeptides containing an N-benzoyl- α -hydroxyglycine unit. p. 1015.

Alavin, A. S., Dmitriyev, Z. T., Tefimov, B. A. - New examples of the Mannich condensation involving diethyl ether of diethylamine. p. 1021.

Lisitsyn, L. M., Savitskiy, V. A., Shalekha, V. A. - Kinetics of pyridine catalyzed formation of sulfonates. p. 1028.

Trosov, B. V., Romanchuker, L. A., Trosov, A. B. - Reaction of sodium iodide with ketones. p. 1037.

Martynov, V. F., Gribinskii, V. M. - Fluorine-containing carbonyl compounds in the Knoevenagel reaction. Part I: Reactions of fluorine-containing aldehydes with nitroacetic ester. p. 1041.

Martynov, V. F., Gribinskii, V. M. - Fluorine-containing carbonyl compounds in the Knoevenagel reaction. Part 2: Reactions of fluorine-containing aldehydes with diethylamine. p. 1044.

Zhdanov, I. A., Pukhov, V. A. - Reaction of unsaturated aldehydes with p-nitrobenzylmethylphosphonate. p. 1046.

Zakharin, L. I., and others. - Reaction of 1-halo-2-hydroxyethanes with magnesium. p. 1048.

Stankov, V. I., and others. - Synthesis and some chemical properties of aldehydes of the borane series. p. 1055.

TSivunin, V. S., Ivanova, H. G., Karanov, G. Kh. - Some phosphorus-containing derivatives of dimethylsilane. p. 1062.

Dialova, N. M., and others. - Beryllium complexes with monosubstituted phosphonic acids. Part 1. p. 1065.

Dialova, N. M., and others. - Beryllium complexes with alkylphosphonic acids. Part 2. p. 1071.

Dialova, N. M., and others. - Beryllium complexes with phosphorylated polyamine derivatives. Part 3. p. 1076.

Shokol, V. A., Gamaleta, V. F., Derkach, G. I. - Derivatives of isocyanatomethylphosphonyl chloride. p. 1081.

Alimov, I. S. - Interaction of trialkyl phosphine with hydrogen sulfide. Part 2. p. 1050.

Savicheva, G. A., Ginzburg, M. B., Razumov, A. I. - Reactivity of carbonyl-containing organophosphorus compounds. Part 6: Polarographic study of phosphorylated aromatic α -ketones in aprotic medium. p. 1083.

Krasnikova, E. A., Polapov, A. M., Razumov, A. I. - Derivatives of phosphonic and phosphinic acids. Part 52: Reaction of dihaloesters of alkylphosphonic acids with alkyl halides. p. 1086.

Krasnikova, E. A., Polapov, A. M., Razumov, A. I. - Derivatives of phosphonic and phosphinic acids. Part 53: Reaction of dihaloesters of alkylphosphonic acids with alkyl halides. p. 1091.

Shokol, V. A., Gamaleta, V. F., Derkach, G. I. - Derivatives of isocyanatomethylphosphonyl chloride. p. 1081.

Mirzakh, L. I., Sandakova, L. I., Evdokim, V. P. - Reaction of P-halophosphonate-P-acyl phosphites with carbonyl compounds. p. 1097.

Tobrich, A. I., Ganshchuk, N. I., Domitrovskii, A. V. - Reaction of chloroalkenes with sodium diethyl phosphite and sodium phosphoracetic ester. p. 1102.

Razumov, A. A., Ershov, Zh. L., Petrov, A. A. - Phosphorus-containing heterocycles. Part 15: Glycidylphosphoryl fluorides. p. 1107.

Solovov, E. A., Kirichenko, L. N. - Structure and color of esters of allylidene-phosphonate and containing additional substituents in the allylidene component. p. 1122.

Ankers, V. S., Polle, H. G., Thoen, B. V. - Complex formation of halo derivatives of aromatic amines with nitrogen compounds. Part 3: Some characteristics of absorption spectra of complexes of nitrobenzene with aniline halides. p. 1127.

Kochergin, P. M., Poles, R. M. - Imidazole series. Part 31: N- β -diacyloxymethyl derivatives and conditions of their transformation to 1-alkyl(1,2-dialkyl)-5-substituted imidazoles. p. 1132.

Kapichuk, V. I., and others. - Studies in the field of chemistry. Part 3: Synthesis of the derivatives of D-(+)- α -hydroxy- β -n-(dimethyl)-L-lysine. p. 1135.

Tolmachev, A. I., Belits, Zh. N., Shulezko, L. M. - Basicity of compounds of the pyrazole series. Part 4: Fluoromethoxy acids and amideoxazones. p. 1139.

Savitskiy, I. G., Zayarnitskiy, V. S., Petrov, A. A. - Emulsified hydrocarbons. Part 9: Addition of dimethylamine to acetylene in hydrocarbons. p. 1140.

Zayarnitskiy, V. S., Savitskiy, I. G., Petrov, A. A. - Unsaturated hydrocarbons. Part 10: Action of ethylene and acetylene on tetraalkylammonium salts. p. 1150.

Pavlovskiy, V. T., and others. - Complex compounds of metals with some nitrogen-containing ligands. Part 10: Complexes of thioamide and thioamide derivatives with pyrazole systems. p. 1154.

Pavlovskiy, V. T., and others. - Complex compounds of metals with some nitrogen-containing ligands. Part 11: Complexes of formazones and their metal chlorides with thioamide and thioamide derivatives. p. 1161.

Orlov, I. V., and others. - Complex compounds of metals with some nitrogen-containing ligands. Part 12: Complexes of cobalt(II) and manganese(II) with benzaldehyde and its derivatives. p. 1167.

Sushchinskii, M. F., Karanov, B. V., Pakharovich, V. B. - Triple bond of α -alkynylacetylene ketones in some addition reactions. p. 1172.

Karanov, B. V., Pakharovich, V. B., Sushchinskii, S. P. - Synthesis of silicon-containing α -chloro- β -hydroxy ketones. p. 1176.

Kozlov, V. D., Sedukhin, V. D., Mitov, V. P. - Synthesis of carbonyl compounds containing phosphonate and chlorophosphonate groups. p. 1179.

Mitov, V. P., Orlovskiy, B. V., Stegova, A. D. - Synthesis and some transformations of polyhydroxyethers. p. 1188.

JOURNAL ORGANICHESKOY KHIMII [JOURNAL OF ORGANIC CHEMISTRY], issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 38, no. 11, Nov. 1963.

Table of contents translated:

Arbuzov, H. A., and others. - Development of organic chemistry in the U.S.S.R. p. 1005.

Zhdanov, I. A. - Free energies of organic compounds and stereochemistry. p. 1015.

Ginzburg, A. G., Seltik, V. N., Kirsanov, D. N. - Hydrogen isotope exchange in hexasubstituted benzene derivatives. p. 1021.

Zolotarev, N. S., Shcheglov, N. M., Karakhanov, H. A. - Stereochemical studies. Part I: Stereochemistry of the addition of some electrophilic agents to double bond of 1,2-dihydroxypropane. p. 1025.

Belitskiy, I. P., Kuris, A. L., Reulov, O. A. - Electrophilic substitution at aromatic atom of carbon. Part 6: Kinetics and mechanism of anion catalyzed protolysis of acrylonitrile bromides in dimethylformamide. p. 1033.

Pogorzelski, N. A., Marekova, I. A., Petrov, A. A. - Eryne amines. Part 8: Synthesis of 1-(N,N-dialkylamino)-4-alkyl-1,2,3-triazole-3-ynes. p. 1033.

Zubovskii, I. M., Bal'tan, Kh. V. - Studies in the series of lithianthones. Part 12: Interaction of lithianthones with α -haloacetylenes and α -haloacetylene isomerization of some tetraenes. p. 1033.

Petrov, H. G., Kander, L. I., Fedotina, R. Kh. - Reactions of thioles with unsaturated compounds in the presence of iron pentacarbonyl. p. 1042.

Serebrennikova, G. A., Rubisova, T. I., Preshskii, N. A. - Liquid research. Part 51: Synthesis of amino acid derivatives of phospholipids. p. 1042.

Parfomov, E. A., Serebrennikova, G. A., Preshskii, N. A. - Liquid research. Part 52: Synthesis of 1,2-epoxyalkanes and 1-alkenyl ethers of glycidol with α -haloalkylhydrides. p. 1051.

Parfomov, E. A., Serebrennikova, G. A., Preshskii, N. A. - Liquid research. Part 53: Cyclic solutions of α -(12-p-hydroxyethoxy) alkyl ethers of glycidol. p. 1055.

Serebrennikova, G. A., and others. - Liquid research. Part 54: Synthesis of 1-heptadecyl ether of diol. p. 1058.

Favarskaya, I. A., Plekhikhina, M. M. - Isolation. Synthesis of secondary acetylene thioles. p. 1062.

Vartanov, S. A., Barkhatov, M. R., Badin, Sh. O. - Chemistry of vinylacetylene. Part 7: Acetylene-alkene cumene rearrangement in chlorine substitution by amines in primary and secondary vinylacetylene chlorides. p. 1067.

Sushchinskii, M. F., and others. - Vinyl ether containing epoxy group. Part 5: Synthesis of some isomers of 1-(trimethylhydroxyalkyl)-2,3-propylene oxides. p. 1072.

Sushchinskii, M. F., and others. - Vinyl ether containing epoxy group. Part 6: Synthesis of 1-(trimethylhydroxyalkyl)-2,3-propylene oxides. p. 1076.

Sushchinskii, M. F., and others. - Vinyl ether containing epoxy group. Part 7: Synthesis of 1-(trimethylhydroxyalkyl)-2,3-propylene oxides. p. 1080.

Karanov, B. V., Silyayev, I. M., Temnikova, T. Chemical transformations of α -haloalkenes. Interaction of α -halo- α -R-dimethylacetylenes with phosphine in methyl and isopropyl alcohols. p. 1087.

Savitskiy, I. G., Karanov, B. V., Temnikova, T. Interaction of metal derivatives of triaryls having a mobile hydrogen atom with α -haloalkenes. Part 4: Properties of 2-amino-3-cyanodimethylacetylene. p. 1087.

Favarskaya, I. A., Sushchinskii, M. F., Volkova, G. Inter-molecular condensation of monosubstituted acetylene derivatives with amines in benzene solution. p. 1090.

Karanov, B. V., and others. - Synthesis and structure of bromovinyl sulfones. p. 1098.

Alievskiy, K. V., Poretsky, V. V. - Reaction of 1,1-dibromomethylhydrazine with alkenes by tetramethylammonium. p. 1093.

Lapkin, I. I., Zelenin, N. S. - Reactions of α -substituted alkenes in the presence of zinc. Part 1: Interaction of monosubstituted and disubstituted monosubstituted ethyl ether in the presence of zinc. p. 1097.

Lilman, N. M., Kirsanov, B. G. - Substitution of methyl atom of hydrogen by an aminomethyl group. p. 1102.

Kleyn, L. P., Rudina-Krivonozhka, L. I., Rylov, Kh. V. - Condensation of aromatic compounds with halogen derivatives of allyl type. Part 1: Alkylation of α -methyl, 4-chloro, and 1,4-dichlorobenzene. Chlorination of α -methyl, 4-chloro, and 1,4-dichlorobenzene. p. 1107.

Dubina, V. L., Durnin, S. I., Levenko, A. G. Acrylonitrile-ethylene copolymers. Part 3: Synthesis and alkaline hydrolysis of 1-acrylonitrile-2-allyl (2,2-dialkyl) benzimidazoles. p. 1111.

Akhmedov, D. V., Bely, V. V., Kirsanov, B. G. Reducing metalation of carbonyl compounds. Part 6: Metalation of aliphatic- α -halo ketones. p. 1127.

Derzhinskii, I. A., Ginzburg, O. F. - Tautomerism in equilibrium in acid solutions of p-nitrobenzyl phosphonate. Part 4: Molar coefficients of the extinction of tautomers. p. 1132.

Kiprianov, A. I., Verbitskaya, T. M., Makhov, I. L. - Cyanohydrins with two conjugate chlorophenyl groups. Part 3: p. 1138.

Kiprianov, A. I., Makhov, I. L., Mikhaleva, L. A. Cyanohydrins with two conjugate chlorophenyl groups. Part 4: p. 1141.

Koshchikov, L. E., Lazhnikov, V. G. - Synthesis of aziridine dyes. Part 38: Synthesis and structure of N-oxaziridine derivatives of aziridine imines. p. 1147.

Elmova, G. A., Khos, I. S. - Stability of ring of benzene (g) quinoxaline-8,10-dione derivatives. p. 1154.

Mitovskiy, R. O., Makalov, A. A., Koryakova, L. A. Chemistry of free radicals of the hydrolysis. Part 51: N^{H} -bis(3-phenyl-4-hydroxy-1-hydroxy-3-phenyl)pyrazole and N^{H} -bis(3-phenyl-4-hydroxy-1-hydroxy-3-phenyl)pyrazole. p. 1157.

Bal'tan, I. A., Levenko, H. S., Kirsanov, B. G. Dialkylamidosulfonyl monomethylenes of α -haloalkenes. p. 1163.

Levenko, E. S., Bal'tan, I. A., Kirsanov, B. G. Biscarbalkylmethylsulfoxide of sulfur. p. 1163.

Vol. 4, no. 2, Feb. 1968.

Table of contents translated:

Droz, V. N., Zefirova, L. I. - Orienting influence of substituents in a nucleophilic attack of a benzene ring. Part 1. p. 165.

- Cherkasov, A. A., Barilskaya, L. K.** - Orientation in substitution in the aromatic series. Part 19: On the calculation of a nitro group in affiliation of naphthalene at low temperatures. p. 191.
Mirk, I. A., Pontin, R. A., Rudetskaya, I. P. - Infrared and ultraviolet spectra of organometallic compounds. Part 14: Infrared spectra of some benzyl mercury halides and diethylmercury within the 200-600 cm⁻¹ range. p. 184.
Cherkasov, L. N., Balfan, Kh. V., Korner, V. A. - Synthesis and properties of derivatives of aliphatic hydrocarbons. Part 13: Reaction of aromatic organodichloride compounds with ethylethylenediamine. p. 204.
Zverev, E. N., and others. - Studies in the field of lipids. Part 57: Synthesis of DL-erythro-2-amino-1,3-dihydroxybutane and DL-erythro-dihydroxyphenylamine C₂₀ and its N-acetyl derivative. p. 202.
Misner, B. J., and others. - Studies in the field of complex lipids. Part 31: Synthesis of DL-erythro-dihydroxyphenylamine. p. 210.
Sverdlov, N. V., Monast, L. E., Varshavskiy, A. A. - Nitrolysis of organic halides. Part 1: Nitrolysis of beta-bromocyclohexanes. p. 213.
Shteynberg, H. D., Shteynberg, S. K., Tomilov, A. P. - Electroreduction of aldehydes. Part 7: Electroreduction of 1,4-dicarbonyl-4-halogenes. p. 210.
Lamshchik, N. L., and others. - Halogenylation of unsaturated compounds with aromatic diazo compounds. Part 33: Chloromethylation of allyl, isoprene, and chloroprene with azote bisphenyl p,p'-bis(azido)chlorobenzene. p. 222.
Shteynberg, H. D., Shteynberg, S. K., Tomilov, A. P. - Halogenylation of unsaturated compounds with aromatic diazo compounds. Part 34: Chloromethylation of arylalkenes. Analysis of aldehyde and 1,4-dicarbonyl compounds and their acetylide acids. p. 220.
Tartakovskiy, V. A., and others. - Reaction of trimethylene methylenedioxy ester with 1,3- and 1,4-dienes. p. 231.
Tartakovskiy, V. A., and others. - Nitrolic systems in the erythro-methylene base in the reaction of 1,3-dipolar cycloaddition. p. 230.
Tartakovskiy, V. A., Kravtchenko, L. A., Nozlov, S. S. - O-methyl ester of allyldioxyacetate in the reaction of 1,3-dipolar cycloaddition. p. 210.
Lorrey, A. P., Serdyukova, V. K. - Structure and reactivity of hydrazine derivatives. Part 12: Kinetics of the reaction of hydrazines of butyric and benzoic acids with succinic and glutaric anhydrides in homogeneous solution. p. 243.
Shteynberg, H. D., Astarov, I. A., Minskaev, H. M. - Studies in the field of synthesis and transformation of monofunctional organic compounds containing oxygen. Part 43: Synthesis and transformation of some aryl ether isomers. p. 247.
Golubova, T. M., Priglasheva, A. V., Gulabova, G. V. - Synthesis of lipolytic 4-fluoro acid and its derivatives. p. 249.
Kabanov, A. I., Chelapizhin, F. O., Bashmizhin, K. A. - Studies in the field of amines and ammonium compounds. Part 53: Synthesis of some tertiary amines containing chlorine. p. 252.
Shustakovskiy, M. F., and others. - Diethyl ester of diphenylacetic acid in the reaction of aryloxy amine methylation. p. 264.
Djakonov, I. A., Kharcheva, E. M. - Cyclopropanones and cyclopropenones. Cis and trans-1,2,3-trimethylcyclopropanones and their derivatives. p. 256.
Trofimov, H. A., Alayev, A. S., Orlov, S. I. - 1,3-Dienophiles in both reactions. p. 264.
Sagunov, V. I., Shibaev, A. A., Kovalev, E. B. - Properties of the hydrogenation salts of beta-gamma and gamma-delta-beta-saturated alcohols. p. 260.
Khl'pitskaya, E. M., and others. - Conversion of 1-methylcyclobut-3,1,1-Oxetane and 1-methylcyclobut-4,1,1-Oxetane in the presence of stannous chloride in hydrogenation over platinum catalyst. p. 271.
Stepanyuk, F. N., Darguz, N. L. - Adamantane and its derivatives. Part 15: Adamantane series alcohols. p. 277.
Sokolov, G. V., Mamayev, V. P. - Selective dihydroxylation of alkenes according to a lone bond anticenter. p. 280.
Streckov, A. P., Gladyakova, E. N., Ellis, V. S. - Synthesis of methyl(N-vinyl-N-phenyl carbamate. p. 244.
Saltanov, V. S., Putschkina, V. I. - Synthesis of N-allyl-pyridiniumalkyl anilines of diarylacetic acids. p. 288.
Lipovich, V. G., and others. - Study of isomerization transformations of alkylbenzenes. Part 5: Disproportionation of cycloalkylbenzenes in the reaction with an aluminum chloride catalyst. p. 203.
Dubenko, R. G., Usenko, U. N., Pel'tus, P. S. - Reactions of polyfunctional compounds containing an active methylene group with acrylonitrile and styrolstyrene. p. 295.
Grebenyuk, A. D., Zaitsova, N. T. - Conjugated three-component Diels-Alder-Crude reactions. Ketone-aldehyde of benzene by olefins and haloalkynes in the presence of aluminum chloride. p. 302.
Dubenko, R. G., Usenko, U. N., Pel'tus, P. S. - Studies in arylalkylbenzenes of arylalkylstyrenes: acid ethyl ester. Part 7: Synthesis and properties of arylalkylbenzenes of arylalkylstyrenes: acid ethyl ester. p. 305.
Cheshko, F. F., Migdal, O. A., Distakov, B. G. - Synthesis of individual isomers of sodium n-tertiary-octadecylsuccinate and sodium n-hexylphosphorylsulfonate. p. 337.
Mikhailov, U. A., Lavrinovich, I. A., Aren, A. K. - Reaction of 2-ethylsuccinate-2-phenyl-1,3-butadiene with alcohols. p. 313.
Ter-Sarkisyan, G. S., Mikhailov, B. M. - Bromination of 1-(2-oxo-2-ethylsuccinate)-2,6,6-tetrachloro-2-cyclohexene. p. 317.
Ekeas, T. A., Pinal-Koshits, H. A., Minton, V. J. - Structure and transformations of aromatic diazo compounds. Part 42: Study of the product of p-methylphenyl iodide azide decomposition. p. 322.
Dubenko, R. G., Neftakh, V. M., Pel'tus, P. S. - Studies in the bis(aryl)sulfonyl methane series. Part 4: Synthesis and properties of ketone derivatives of bis(aryl)sulfonyl methane. p. 324.
Kalinichev, K. R., Pokhodkov, V. D. - Quinone-benzyl rearrangement of bis(quinone)carbazole. p. 320.
Fury, E. A., Serafa, V. F., Vladimirov, S. S. - Monoethers of quinone dioximes. p. 332.
Ioffe, D. V., Kozlovskoy, S. G. - Homologous metalation of carboxylic compounds. Part 7: Metalation of benzoylformic acid. p. 330.
Oshkita, V. P., Eggle, G. K., Kristite, B. V. - Synthesis of 2,4-dinitro-1,3-benzenediols. p. 330.
Bucharskiy, V. P., Kizil'shtein, A. A., Bel'm, A. I. - Formulation of 3-methoxyphenanthrene. p. 340.
Pel'tus, G. P., Esachenko, V. I. - Substitution reactions in the acetophenone halo derivative series. p. 343.
Titchevkin, M. N., Karavay, H. S. - Retrosynthetic analysis with 2,2-proline methylterephthalates. p. 348.
e. MATHEMATICS
- DIFFERENTSIAL'NYE URAVNENIYA [DIFFERENTIAL EQUATIONS].** Moscow, vol. 4, no. 3, Mar. 1968.
Table of contents translated:
Akhmetiev, V. M. - Proof of the existence of invariant systems of linear differential equations with almost periodic coefficients. p. 361.
Vasil'yev, A. B. - Study of the asymptotic properties of a differential equation local in some kinematic problems. p. 397.
Krivonoz, I. D. - Optimal linear processes in unbounded control. Part 1. p. 409.
Krasov, A. K. - Some analytical characteristics of the solution of a differential equation in the case of a fixed point. p. 423.
Pokhodkov, V. V. - Asymptotic behavior of solutions of a linear ordinary differential equation of the second order with a transition point dependent on the parameter. p. 429.
Lopatin, A. K. - On the algebraic reducibility of systems of linear differential equations. Part 1. p. 430.
Van Dan Ch�hi (Wang Tan-chih). - A stability criterion proposed by Hagmann. p. 446.
Greenberg, E. A. - Some estimates in the method of averaging for nonlinear frequency systems of ordinary differential equations. p. 459.
Zverev, A. M. - Completeness of a system of Floquet type solutions for equations with delay. p. 474.
Rimko, E. I. - Solutions of Briot and Bouquet equations with revolving argument. p. 479.
Dudov, V. F. - Asymptotic behavior of the solution of a problem for a nonlinear integrodifferential equation containing a small parameter at the derivative. p. 491.
Teplin, A. L. - Applicability of the principle of the maximum to an elliptic difference equation. p. 508.
Dolgachev, S. M. - Summation of expansions in the main vectors of some non-self-adjoint differential operators. p. 518.
Mirulubov, A. A. - A class of solutions of a system of integrodifferential equations. p. 526.
Shapovalov, V. V. - A problem in heat transfer theory. p. 533.
Kurpytov, V. I. - Solutions of some differential equations in classes of functions quasi-analytic relative to differential operators. p. 539.
Myshkis, A. D., Sharafanov, A. A. - Construction of a set of initial points of integral lines embedded on a ball-plane for a linear Hamiltonian system of two equations with periodic coefficients. p. 547.
Kurdumov, Kh. Yu. - New proof of the instability of characteristic exponents of a certain regular system. p. 551.
Kochorenko, E. I. - Convergence of Galerkin's method for the Cauchy problem of a system of nonlinear hyperbolic equations having two independent variables. p. 553.
- MATEMATICHESKIE ZAMETKI [MATHEMATICAL NOTES].** Issued by Odesskoe matematicheskoe Akademii nauk SSSR [Department of Mathematics of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 2, 1968.
Table of contents translated:
Leontiev, A. F. - Representation of functions, analytic in an open circle, by Dirichlet's series. p. 113.
Mironov, A. A. - Completeness of a system of functions. p. 125.
Dekhter, G. A. - Inequalities for symmetric average. p. 133.
Salsky, D. V. - Some properties of functions appearing to Orlicz space. p. 145.
Sidelnikov, I. N., Tsikov, L. V. - First approximation of a differentiable operator in L_p-space. p. 151.
Vakhanin, N. N., Kartalov, I. N. - Note on the intersection of embedded closed sets. p. 165.
Kalashnikov, A. S. - On increasing solutions of linear second-order equations of nonregular character in the form. p. 171.
Nagayev, A. V., Staritskiy, A. V. - Threshold theorem on the model of an epidemic. p. 179.
Agakishieva, S. Ia. - On graphs with prescribed surroundings of vertices. p. 211.
Iremko, I. I. - Method of Taylor approximations in Gauss programming. p. 217.
- Vol. 3, no. 4, 1968.
Table of contents translated:
Vinogradov, A. I., Sprindzhuk, V. G. - Representation of numbers by binary forms. p. 369.
Galochkin, A. I. - Estimating the mutual transcendence measure of the values of E-functions. p. 377.
Savashnikov, B. A. - Mathematical expectation of functions from sums of a random number of independent terms. p. 387.
Usov, I. Sh. - Power of a set of equationally complete submanifolds of a manifold of symmetrically ternary quasi-groups. p. 385.
Kondraty, G. A. - Example of a monotonic tube constructed from a surface with a closed asymptotic line. p. 403.
Ceklin, M. M. - Localization of the spectrum of some nonself-adjoint operators. p

MOSCOW UNIVERSITY. Vestnik. Seriya 1. Matematika i mekhanika [UNIVERSITY REVIEW. Series 1. Mathematics, Mechanics]. Vol. 23, no. 3, May-June 1968

- Table of contents translated:
- Shtiklavskiy, V. A. - Mean in a ring of measurable functions. p. 3
- Fel'd, V. I. - Regularity of the solution of the Dirichlet problem for a degenerate elliptic equation. p. 6
- Nemitskiy, A. S. - Convergent series with positive decreasing terms. p. 14
- Kordunov, P. - Two metrization theorems. p. 16
- Gal'perin, L. I. - Some optimal control problems for systems described by parabolic equations. p. 21
- Gerasimov, I. K. - Logarithmic convexity of solutions of a certain class of elliptic equations of higher order. p. 34
- Karlinshch, A. P. - Maximal subpseudogroup of an infinite-dimensional pseudogroup. p. 41
- Kushnir, A. S. - Formal type feedback neurons. p. 52
- Shteklov, L. N. - On Laplace's spherical theory. p. 59
- Aleksandrov, V. V. - Bifurcation of disturbances in two-dimensional linear systems. p. 67
- Koestler, M. H. - The statistical theory of deformation. p. 77
- El'shikh, A. G. - On the solution of the problem of oblique impact against a flexible membrane. p. 85
- Sigmonin, A. A. - Impact of a supercritical jet on a surface in a magnetic field. p. 95
- Naziev, E. Kh. - Cylindrical integrals of the equations of motion of mechanical systems. p. 105
- Kagan, M. I. - Rarefied gas flow past an obstacle. p. 108
- Akhmedov, V. D. - Thermal stresses in a shallow spherical shell under axisymmetric loading. p. 114
- Moskvitin, V. V., Tatarskiy, Zh. I. - A simple method for analyzing complex cyclic loads. p. 119

PRILADNAYA MATEMATIKA I MEKANIKA (APPLIED MATHEMATICS AND MECHANICS). Issued by Otdeleniye Prikladnykh Matematicheskikh i Mekhanicheskikh Nauk Akademii Nauk SSSR [Technological Sciences Department of the Academy of Sciences of the U. S. S. R.], Moscow, vol. 20, no. 3, Sep. Oct. 1965.

- Table of contents translated:
- Nagayev, R. P. - General problem of synchronization in an almost conservative system. p. 601
- Ostrov, I. U. S. - Principle of reduction, in critical cases, of the stability of motion of systems with time lag. p. 610
- Rutenberg, I. A. N. - Derivation of Laplace's function for systems of linear finite-difference equations with variable coefficients. p. 621
- Bondarenko, V. I., Krasovskiy, N. N., Filinonov, M. M. - The problem of relaxation of a linear system. p. 628
- Andreev, V. D. - Equations describing the unperturbed operation of an inertial system determining its curvilinear coordinates. p. 635
- Arnold, V. I. - Variational principle for three-dimensional steady-state flows of an ideal fluid. p. 649
- Dukh, G. A. - Contribution to the nonlinear theory of hydrodynamic stability. p. 652
- Chernous'ko, F. L. - Flow of a thin layer of fluid under the action of gravity and surface tension. p. 657
- Sovetskikh, G. D. - Plane transonic gas flow far from the profile in the channel. p. 663
- Reglin, S. A., Rutkevich, I. M. - Elektricheskii v magnitnoy dinamicheskoy kanale dlya kolonny v medii s variatsionnoy elektromagnitnoy. p. 670
- Amelin, B. D. - Existence and uniqueness of the solution of the problem involving elastoplastic torsion of a cylindrical rod of oval cross section. p. 678
- Lurkin, V. A. - Determination of microinhomogeneous bodies. p. 688
- Vorovich, I. I., Zil'berman, V. F. - Method for solving nonlinear boundary value problems in the theory of elasticity by reducing them to the Cauchy problem. p. 694
- Prokhorov, V. K. - Use of the symbolic method in deriving equations in the theory of plasma. p. 702
- Lukhachev, A. I. - Steady-state vibrations of plates with free edges. p. 720
- Pozharitskiy, G. K. - Characteristic indices of damping vibrations of mechanical systems with partial dissipation. p. 725
- Turtin, V. A. - Stability of solutions of a system of differential equations with discontinuous right-hand parts in the critical case. p. 731
- Proskurnikov, A. P. - Stability of one-frequency periodic solutions of quasi-linear autonomous systems with two degrees of freedom. p. 730
- Gurclak, V. V., Fortman, B. S. - An optimum control problem. p. 746
- Shtern, V. A. - Flow in a uniformly expanding layer and dissipation of a gaseous volume into a vacuum. p. 752
- Tonilov, E. D. - Method of invariant transformations of gas dynamics equations. p. 760
- Eliseev, B. V. - Decay of homogeneous turbulence in a magnetic field. p. 761

Likhachev, V. N. - Interference between plane surfaces in a supercritical gas flow. p. 765

Ushakov, B. M. - Shock waves in critical flows. p. 769

Fridlander, O. G. - Local Maxwellian solutions of the Boltzmann equation. p. 773

RUSSIA (1923; U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeni, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning. Mathematics]. Moscow, no. 4(10), Apr. 1968.

- Table of contents translated:
- Al'pov, I. M., Zalgaller, P. A. - Isoperimetric problem of the maximum moment of inertia. p. 3
- Amekulov, T. - Approximate solution of a system of integrodifferential equations by means of majorant-minorant functions. p. 6
- Bilimic, S. L. - Some properties of a class of multiplicative systems and problems of approximation of functions by polynomials according to these systems. p. 13
- Gokhman, A. V. - Invariant characteristic of a space associated with the deformation of a slender rod. p. 23
- Ismailov, V. A. - On the indeterminate equations $x^6 + y^6 = z^2$, $x^8 + y^8 = z^2$, $x^4 + y^4 = z^2$. p. 28
- Karimov, S. - Periodic solutions of nonlinear systems of difference equations with two variables. p. 33
- Kashchuk, S. A., Pirogov, V. G. - Range of values of typically real functions with fixed coefficients and ranges of values of systems of their coefficients. p. 40
- Kochanov, G. S. - Approximation in the mean on closed curves. p. 48
- Kol'tsin, S. Z. - Approximation of functions by Fourier-Jacobi sums. p. 54
- Rubinska, V. M. - Continuous spectrum of a closed isomorphism operator and its invariant unitary extension with a yield. p. 63
- Stepanchuk, K. M. - Analog of a Tauberian theorem for infinite products. p. 70
- Sysoeva, F. A. - Generalization of a Hilbert-type inequality. p. 72
- Tychinskii, S. E. - Stabilizable pairs of congruences of planes in E_6 . p. 77
- Palkov, I. D. - Some sets with V_2 surface in an E_3 Euclidean space. p. 87
- Shapiro, R. L. - Special functions related to representations of class 1 of group $SU(n, 1)$ relative to $SU(n, 1)$. p. 97
- Sant'ap, Sh. R. - Behavior of integral curves in the infinite part of a space. p. 103

TEORIYA FUNKTSII, FUNKSIONAL'NYI ANALIZ I Ikh PRILOZHENIYA [THEORY OF FUNCTIONS, FUNCTIONAL ANALYSIS, AND THEIR APPLICATION]. Kuznetsov, M. A., 1967.

- Table of contents translated:
- Kozlov, A. V. - Spectrum analysis of quasi-unitary operators in a space with indefinite metric. p. 3
- Ochakovskiy, I. E. - Determination of operators and allied problems involving the continuation of Hermitian positive functions. p. 23
- Itenko, L. I. - Generalization of a strong theorem on "alices." p. 49
- Kristalinskiy, R. Kh. - The duality principle in the theory of regular quadratic functions and some of its applications. p. 46
- Katsimov, V. E. - Operators in spaces generated by \dots functions. p. 58
- Kulesov, M. A. - On the theory of differential equations with periodic right-hand parts and distributed external arguments. p. 67
- Pochinov, T. E. - Completeness of the space $C^1(\Omega)$. p. 70
- Zhilovskiy, I. A. I. - Classes of uniqueness and non-uniqueness of the solution of Cauchy's problem for second-order equations. p. 87
- Gurav, V. I. - Spaces of differentiable functions in a space of continuous functions. p. 110
- Marchenko, V. A., Tishler, L. G. - Spectrum of random matrices. p. 122
- Suzikov, G. V., Krasovskiy, E. Ia. - Averaged boundary condition for the diffusion problem in a region with a piecewise-smooth permeable boundary. p. 145
- Lubich, G. I., Tishchenko, V. A. - New proof of the fundamental theorem on functions periodic in the mean. p. 162
- Zhitov, V. V. - Criteria of almost periodicity. p. 171
- Zhitov, V. V. - Almost periodic solutions of differential equations in Banach spaces. p. 176
- Rofe-Beketov, F. S. - Spectral matrix and the inverse Sturm-Liouville problem on the $(-\infty, \infty)$ axis. p. 189
- Kritchevskiy, I. A. - Effective solution of the problem of maximization of a linear functional. p. 196
- Gopengauz, I. E. - Approximation of functions on a segment and in a region with corners. p. 204
- Kononenko, A. I. - Finding asymptotically stable singular points and trajectories of dynamic systems. p. 211

USPEKHI MATEMATICHESKIIH NAUK "PROGRESS IN THE MATHEMATICAL SCIENCES". Issued by Akademii Nauk SSSR i Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U. S. S. R. and the Moscow Mathematical Society]. Moscow, vol. 23, no. 2(10), Mar.-Apr. 1968.

- Table of contents translated:
- Gelfand, I. M., Ponomarev, V. A. - Undecomposable representations of a Lorentz group. p. 3
- Ilin, V. A. - Problems of linearization and convergence for four series according to fundamental systems of functions of a Laplace operator. p. 61
- Kachuravskiy, R. I. - Nonlinear monotone operators in Banach spaces. p. 121
- Aleksandrov, P. S., and others. - Viktor Vladimirovich Nemitskiy: obituary. p. 170
- Vasil'eva, A. B., and others. - Lev Ernestovich El'sgults: obituary. p. 103
- Meetings of the Moscow Mathematical Society. p. 201
- Aleksandrov, V. M. - Invariant Markov subsets of diffeomorphisms. p. 209
- Kolesov, I. U. S. - Solvability of boundary value problems for quasilinear elliptic equations of the second order. p. 211
- Krasnosel'skiy, M. A., Ikhilov, E. A. - Convergence of sequences of positive operators in linear topological spaces. p. 213
- Fomin, S. V. - Generalized functions of an infinite number of variables and their Fourier transformations. p. 215
- Shkarin, A. S. - On the presentation of problems in mathematical physics. p. 217
- Aleksandrov, P. S., Ikhilov, E. A., Skarlatov, I. A. - Aleksandr Grigorievich Kurush: on his 60th birthday. p. 219
- Aizenberg, I. A., Gindlik, S. G., Shabat, B. V., Boris Abramovich Fuchs, on his 60th birthday. p. 229
- Plekha, B. I., Simanov, I. A. - Eighth All-Union Colloquium on General Algebra. p. 234
- Shvaritskiy, S. I. - Ways for raising the level of mathematical knowledge of high school students. p. 237
- Norden, A. P., Vlasovskiy, V. V. - Third All-Union Conference on Geometry. p. 249

VYCHISLITEL'NYE METODY I PROGRAMIROVANIYE [COMPUTATION METHODS AND PROGRAMMING]. Issued by Vychislitel'nyi tsentr Moskovskogo universiteta [Computational Center of Moscow University]. Moscow, no. 9, 1967.

- Table of contents translated:
- Zingulev, E. A. - Automatic programming systems for a BESM-6 computer. p. 3
- Ilan, O. I. - Dynamic distribution of the memory. p. 18
- Khizder, I. A. - Optimizing the use of the computer memory. p. 30
- Kabanov, M. E. - An algorithm for organizing information. p. 42
- Isakkin, E. N. - Analytical differentiation of functions on an electronic computer. p. 45
- Kuchevskiy, I. U. V. - A syntax machine. p. 60
- Zhugolov, E. A., Lebedev, N. B. - The SIMOL-24 language for programming in symbolic denotations. p. 66
- Kurtov, V. I. - Asymptotic methods for evaluation of algebraic functions and the "fast" of a bicubic expansion as applicable to some problems of practical research. p. 86
- Gargel, Iosiel, - On-line queueing systems with "finite" time. p. 99
- Nemchikov, B. V. - Simple proof of Poincaré hypothesis. p. 108
- Klimov, G. P. - Some problems of random queueing. p. 111
- Petrov, P. G. - Distribution of queueing time under steady-state conditions for a queueing system with "heat-up" time. p. 117
- Rudnevskiy, V. - Poincaré problem for a limited queueing system. p. 131
- Karmenov, V. G., Rudneva, T. L., Poliak, H. T. - Some methods for solving extremum problems in economics and industrial management. p. 143
- Rudneva, T. L. - Approximate method for solving problems involving the distribution of production. p. 148
- Belov, E. N., Karmenov, V. G., Rudneva, T. L. - Planning the production of DKS reinforced concrete products. p. 153
- Sikun, A. V., Moroz, P. A. - Solution of a problem of optimum control of an oil pipeline. p. 157
- Poljak, H. T., Shostakovskiy, B. I. - Method for solving the best uniform approximation problem. p. 160
- Poljak, H. T., Skukov, V. A. - Selecting the parameters of kinetic equations according to experimental data. p. 167
- Orlov, V. S., and others. - Experience in solving optimum control problems. p. 179
- Ivanova, T. P., Poljak, H. T., Pukhova, O. V. - Numerical methods for solving some extremum problems in partial derivatives. p. 193

- Peter, L. K. - Existence of rotational bands in ^{115}In and other odd ballium isotopes. p. 696.
- Peter, L. K. - Quadrupole rotational bands in odd spherical nuclei. p. 699.
- Adel'son, V. V., Bogdan, V. L., Loshakova, O. V. - Fluorine detectors of the type CaF_2 with high energy allowance. p. 903.
- Berlovskiy, E. S., Lukashenko, V. V. - Effect of the sensitivity of a time-dependent analyzer on the accuracy of measurements of the short lifetimes of nuclear states. p. 906.
- AKADEMIYA NAUK SSSR, Moscow, Vostochnaya Seryiya: Tekhnicheskaya kashitsa [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Physical and Technical Sciences]. Minsk, no. 2, 1965.
- Table of contents translated.
- Krasin, A. K. - Advances in atomic power engineering. p. 5.
- Lubchits, L. L. - Some problems of drying technique. p. 10.
- Sergeev, I. P. - Calculation of the operating stability of a water-modulated water-cooled boiling reactor. p. 16.
- Dudkin, T. S. - Approximate study of the kinetics of a surface reaction in the case of unimolecular changes in reactivity. p. 22.
- Sergeev, I. V. - Nonuniform burning in vessels equipped with a reflector. p. 20.
- Moskalev, V. D., Mikhlin, L. V. - Calculation of the heat capacity of equilibrium-dissociated nitrogen oxide in a wide temperature range at moderate pressures. p. 33.
- Efimov, I. I., Smol'skii, B. M. - Effect of surface phenomena on transport processes. p. 39.
- Artyukhin, A. A., Ilyukovich, R. M., Kravchenko, I. A. U. - Effect of the temperature and composition of the molding sand on its thermal properties. p. 43.
- Semenov, V. P., Kharitonov, E. B. - Fluctuating sizes of ligands in stamping on crankshaft pins. p. 49.
- Kanavskiy, I. A. R., Skrynnichnik, A. I. - Effect of ultrasonic vibrations on the mechanical properties of a D16T alloy. p. 57.
- Lashchinskaya, P. I., Makharyuk, I. A. I. - Applicability of stereometric metallography methods in studying abrasive tools. p. 59.
- Almazov, N. V., Kopt'yan, S. M. - Effect of static processes on electrical emission of metals due to condensed space discharges. p. 55.
- Kanavskiy, I. A. R., Tarnitskiy, I. I. - Methods for determining the cutting properties of tools. p. 72.
- Lushchinskii, S. V. - Study on the wear of cutting tools in working steel castings. p. 79.
- Sayinskiy, I. A. M., Tshen, R. L. - Effect of impurities on the structure and properties of long-range single crystals. p. 84.
- Kuznetsov, V. T., Ilyukovich, R. A., Smol'skii, V. M. - Use of the simulation method in calculating the temperature field in a packed column containing heat sources. p. 92.
- Sokolov, N. M. - Some theoretical aspects in solving problems for setting up optimum control systems. p. 99.
- Mikhlin, A. A. - Algorithmization of the computation of the normal angles α and β in designing forming tools using an electronic computer. p. 100.
- Gerasimov, G. K., Gribel'skiy, D. A. - Determining the total losses incurred by multilayer automatic lines with oil reservoir capacitors. p. 111.
- Apetka, F. A., Habskii, M. A. - Mixing of a solvent and wax in a solution process. p. 118.
- Fursov, E. A. - Some features observed in the burning of natural solid fuels with large volatile content. p. 121.
- Kanavskiy, I. A. R., Remizovskiy, E. I., Dughala, I. I. - Effect of a preliminary cyclic load of ultrasonic frequency on the creep of copper and the D16T alloy. p. 124.
- Borisenko, A. V. - Degree and depth of work hardening of the surface layer in oscillating fatigue. p. 127.
- Badalakh, M. M., Ibrashievich, B. - Difference in physical and mechanical properties in isothermal and nonisothermal recovery. p. 130.
- Vladimir Nikolaevich Avdeyev, on his 50th birthday. p. 131.
- ALMA-ATA, KAZAKHISKII NAUCHNO-ISLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT, Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no. 26, 1967. Problems of hydrometeorology. Table of contents translated.
- Baldal, M. Kh., Larrent'ev, P. F., Shirkovich, G. I. - Basic results of the activities of the Kazakh Research Hydrometeorological Institute in 1951-1966. p. 3.
- Baldal, M. Kh. - Present state and prospects for the development of the complex macrocirculation method of long-range forecasting. p. 17.
- Gulubov, V. V. - Intrasecular variations of the rate of streamflow. p. 33.
- Uteshev, A. S., Semenov, O. E. - Meteorological and climatic characteristics of the water erosion of soils in northern Kazakhstan. p. 54.
- Fadeeva, I. P. - Forecast of the annual indication of the mean monthly temperature of air in Kazakhstan. p. 83.
- Belitskiy, M. M., Tishchenko, Z. A. - Synoptic conditions governing the formation and break-up of ice on rivers, lakes, and reservoirs of central Kazakhstan and taking into account synoptic features of autumn. In processing methods of the long-range forecasts of approaching spring hydrologic phenomena. p. 100.
- Kopylov, A. B. - Characteristics of the variation of soil moisture in the northern part of Kazakhstan. p. 113.
- Gulubov, V. V., Larrent'ev, P. F. - Morphology of the calculation of the annual runoff of rivers and temporary waterflows in central Kazakhstan. p. 126.
- Semenov, V. A. - Distribution of snow cover in the basins of the Balkhash-Alatau Depression. p. 145.
- Belitskiy, M. M. - Maps of middle, early, and late freezing of Lake Balkhash calculated according to meteorological data. p. 157.
- Ishchikov, V. M. - Taking into account the height of a mountain based on hydrologic calculations. p. 172.
- Levin, V. A. - Hydrochemical characteristics of lakes in the northern part of Kazakhstan Province. p. 180.
- Belitskiy, M. M. - Characteristics of the temperature-stress regime during glaze-time phenomena on communication and electrical transmission lines in Kazakhstan. p. 195.
- Rylov, S. P. - Meteorology of small drainage basins in steppe and semisteppe zones of western Kazakhstan. p. 210.
- FIZIKA I TEKHNIKA POLUPROVODNIKOV [TECHNICAL PHYSICS OF SEMICONDUCTORS]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 2, Feb. 1968.
- Table of contents translated.
- Karpovich, I. A., Oskarev, A. M., Zvonkov, B. N. - Field effect in GaAs photoconductive layers. p. 153.
- Popov, A. S., Stepanov, V. K., Chukhryshev, V. A. - Use of the pseudopotential method in calculating the surface states of electrons in crystals. p. 160.
- Khramov, V. F. - Cyclotron resonance in nonequilibrium glassy electrons. p. 165.
- Trishchikov, M. A., Primer, A. I. - Mechanism underlying the electric bands in multilayered photoresistors. p. 169.
- Mamontov, B. S., Zaitsev, A. G. - Effect of an electric field on the magneto-optical absorption spectrum in the exciton region. p. 175.
- Mironov, V. A., Bakharev, H. I. - Development of the breakdown of silicon plasma p-n junctions. p. 181.
- Belikov, A. D., Vutskovskiy, N. I., Mironov, A. I. - Electromagnetic interaction in GaAs/Ge single crystals. p. 189.
- Hake, E. E., and others. - Energy levels of luminescence and trapping centers in SiC6H11 . p. 193.
- Sakharovskii, M. H., Timofeev, V. B., Yakimov, A. S. - Fundamental absorption spectra and optical transitions in InSb single crystals. p. 199.
- Palaki, G. - Reaction of a semiconductor with moving electric dipoles on an alternating electric field. p. 206.
- Demidov, K. H., Akimov, I. A. - Thermally stimulated conductivity of polycrystalline AgI and ZnO layers sensitized by dyes. p. 210.
- Karagorshchik, A. K., P. M. - Photoelectrochemical and resonance effects in piezoelectric semiconductors. p. 216.
- Oshchep, V. V. - Volt-ampere characteristics of a ferromagnetic structure with deep impurity layers. p. 220.
- Kinoshita, E. I. - Contribution of exciton-exciton collisions to semiconductor photoconductivity. p. 228.
- Plusker, T. E. - Hot electrons in the system metal-semiconductor. Mirror reflection from a surface. p. 237.
- Plusker, T. E. - Hot electrons in the system metal-semiconductor. Diffuse scattering by a surface. p. 247.
- Prentiss, V. A., Mazonov, A. P., Shirokov, L. L. - Diffusion of sulfur into gallium arsenide through silicon dioxide films. p. 253.
- Izvozhnikov, V. A. - Currents limited by space charges, and the distribution of traps in polycrystalline lead oxide. p. 254.
- Chapman, V. A. - A luminescent based CuTe diode. p. 258.
- Gusev, D. V., and others. - Some thermoelectric and thermomagnetic properties of Bi-Sb-Te alloys. p. 260.
- Korotkov, D. V., Gorskii, S. E. - Effective cross section of hole trapping on a twice negatively charged zinc atom in silicon. p. 262.
- Abalakov, L. D., Balashov, L. L. - Polarization of nuclei in cyclotron resonance. p. 263.
- Shtrikashvili, Sh. M., Nanchashvili, D. I. - Generalization of low-frequency oscillations in compensated p-nBs. p. 265.
- Kolontseva, D. T., Limanov, V. G., Khodosevich, P. K. - Spectral distribution of the intrinsic photoeffect in hexagonal selenium under the action of rays and ultraviolet rays. p. 267.
- Cellis, I. I., Nesterov, A. A., Shumakov, I. S. - Effect of fast electron bombardment on a crystalline radiation. p. 280.
- Kremlov, E. I. - Photoconductivity of Ag_2O . p. 271.
- Timan, B. L., Posenko, V. M. - Currents limited by space charges in the presence of donors. p. 272.
- Vladal, I. A., Rozenstein, I. D. - Photoemissive and photoconductive "memory" of thin films of organic dyes. p. 275.
- Eroshchev, V. G. - Heterodyning of light on InSb photoresistors. p. 277.
- Arkadyev, E. N., and others. - Gamma-quantum spectroscopy by n - p junctions in the basis of calcium telluride. p. 278.
- Kurbatov, L. N., and others. - Coherent radiation of free electrons in GaAs . p. 281.
- Tatula, A. S., Chalka, G. E. - Low-frequency modes due to charge fluctuations in a depleted layer of a directly doped p-n junction. p. 283.
- JADERNÁ FIZIKA, JOURNAL OF NUCLEAR PHYSICS. Issued by Akademiya Nauk SSSR and Gosstatizdat. Moscow, vol. 2, no. 2, Feb. 1968.
- Table of contents translated.
- Karapenev, T. K., Kravtsov, B. N., Zvonkov, V. I. - Studying the β decay. p. 713.
- Belikov, B. N., and others. - Conversion electron spectra and decay modes of isotopes Cs^{137} , Cs^{140} , and Ba^{138} . p. 720.
- Danilov, S. A., Kulikov, V. M., Shalinskiy, V. M. - Relative determination of the energy of the most intensive α -particle groups for some isotopes ($T_{1/2} > 50$ years) of heavy elements. p. 727.
- Peter, E. D., and others. - New low-lying level in N^{14} at excitation energy of 1.50 MeV. p. 733.
- Davydov, A. V., Karlovskiy, G. R., Khramov, H. V. - Neutron scattering of γ -rays by tritium at the energy of 120 Kev. p. 735.
- Denison, F. P., and others. - Angular distribution of the recoil nuclei from the reaction P^{31}p , $\text{p}^{31}\text{P}^{31}$. p. 743.
- Andreev, M. P., Sorin, V. I. - Measuring the cross section of the reaction Fe^{56}p , Zn^{66}p . p. 745.
- Trunov, N. N., Gurskiy, O. N., Nikitchev, O. A. - Angular distribution of γ -quanta in the inelastic scattering of fast neutrons on the nuclei Fe, Al, Cu. p. 749.
- Balashov, N. P., Gribel'skiy, K. A., Nanchashvili, D. A. - Neutron polarization in the reaction N^{14}n , $\text{p}^{31}\text{P}^{31}$ (ground state). p. 751.
- Zaitsev, A. G., and others. - Polarization of neutrons elastically scattered on calcium. p. 751.
- Davydov, V. V., and others. - Interaction of $\text{Li}^{6,7}$ and Li^{7} with light neutrons. p. 758.
- Gorskii, G. V., Zaitsev, V. A. - Production of neutrons in Pu , Cd , Fe , and Al induced by cosmic μ -mesons at depth of 150 m. of water equivalent. p. 770.
- Sergachev, A. L., and others. - Effect of transition states of the fission nucleus Th^{232} on the mass and kinetic energy distributions of fragments. p. 778.
- Trunov, V. F. - Internal conversion coefficients of K^{40} , K^{41} , K^{42} isotopes of K and Th^{232} . p. 775.
- Belikov, E. H., Zaitsev, V. A. - Quadrupole moments of spherical even-even nuclei. p. 788.
- Tchoukava, F., Chalkashvili, G. A. - Prediction of two bodies interacting with mutual factorizable potentials. p. 794.
- Dal'akov, R. I., Krupnikova, N. B., Nanchashvili, V. I. - Alpha-nucleon exchange forces and photoemission of the He^{3} nucleus. p. 803.
- Tishchenko, B. I., Mel'nik, H. I. - Effect of the mixing of states on the cross section of diffraction scattering. p. 808.
- Ilyukovich, I. A. - Excitation of collective states in nuclei at diffraction splitting of neutrons. p. 815.
- Dal'akov, O. D. - Concerning the problem of a d-scattering. p. 820.
- Kabachnik, K. M. - Excitation of giant resonance levels of O^{16} at the electron scattering. p. 823.
- Shigin, V. A. - Possibility of testing the quasi-static character of nuclear fission. p. 832.
- Folomeyev, V. N. - W-meson production cross sections for the reactions $\pi^+ \text{N}$, $\pi^- \text{N}$, $\pi^+ \text{N}$, $\pi^- \text{N}$. p. 835.
- Nagorakina, I. A., Ter-Sisakian, N. L. - Vector meson electroproduction in the nuclear Coulomb field. p. 840.
- Volkov, D. V., Lazarenko, L. A. - Electroproduction of higher baryon resonances and the SU(6) symmetry. p. 843.
- Shekhter, V. M. - Sum rules for the Compton effect. p. 849.

- Burakov, A. I., Vall, A. N., Sereniklavov, V. V. - Sum rules for the π -scattering. p. 870.
- Shubin, L. A. - Dispersion sum rules for form factors. p. 876.
- Lendel, V. I., Sereniklavov, V. V. - Short-wave repulsion in the π -scattering. p. 879.
- Kudakov, A. B., Karnakov, B. M. - Coincidences of characteristics in the π -plane. p. 884.
- Andreev, I. V., Drenin, I. M. - Model of inelastic processes at high energies. p. 890.
- Lazarev, I. M. - Experimental reconstruction of the scattering amplitude of particles with spin 1/2 on spinless nuclei in the presence of a three-particle channel. p. 895.
- Dagshvskii, G. I., Khripun, N. P. - Formulae for stationary relativistic phase analysis in the elastic and inelastic nucleon-nucleon scattering. p. 899.
- Steganyov, I. G. - Classification of meson resonances in the scheme 405. p. 900.
- Likhachev, V. G. - Fermion-antifermion interactions. p. 903.
- Gusar, M. A. - Gravitational perturbation theory and the Z-O conditions for composite particles. p. 920.
- Levinsoe, I. I. - Possible effect of branching at poles μ and $\bar{\mu}$ in π -scattering. p. 934.
- YADERNYI MAGNETIYI REZONANS [NUCLEAR MAGNETIC RESONANCE].** Issued by Leningradskii gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 2, 1968.
- Table of contents translated.
- Chizhik, V. I. - Studying the structure of aqueous electrolyte solutions by means of the nuclear magnetic resonance. p. 5.
- Mel'nikov, A. V., Zharovskaya, S. G. - Double resonance in aqueous solutions and in crystals. p. 34.
- Noruzov, A. A., Moskatov, V. V. - Theory of the nuclear resonance generation. p. 48.
- Moskatov, V. V., Pavlenko, V. V. - Effect of an inhomogeneous magnetic field on the form of the free nuclear precession signal. p. 52.
- Parshin, P. M., Sereniklavov, E. N. - Hydrogen fluoride association in systems HF-H₂O, HF-D₂O, and HF-dioxane according to the nuclear magnetic resonance data. p. 54.
- Serebrenskii, E. N., Saevskaya, G. P., Gladki, I. G. - Studying molecular interactions in the system HF-H₂O-H₂O. p. 62.
- Parshin, P. M., Sereniklavov, E. N., Chizhik, V. I. - Chemical shifts and relaxation periods of ¹⁹F nuclei in solutions of some organophosphorus compounds. p. 69.
- Parshin, P. M., Komratenkova, G. P. - Use of the nuclear magnetic resonance method in studying the complexing of some amino acid triphosphate solutions. p. 76.
- Serebrenskii, E. N., Saevskaya, G. P. - Nuclear magnetic resonance of ³¹P and ¹⁹F in solutions of some organophosphorus compounds. p. 83.
- Parshin, P. M., Slagda, N. D., Shcherbakov, V. A. - Concentration dependences of the chemical shift of signals of the nuclear magnetic resonance of ¹⁹F in silicofluoride solutions. p. 90.
- Chizhik, V. I., Khripun, M. K. - Determination of the structure of aqueous electrolyte solutions with the help of the nuclear magnetic relaxation. p. 93.
- Lalich, L. S., Khripun, M. K., Chizhik, V. I. - Use of the spin echo method in studying some electrolyte solutions. p. 105.
- Bezrukov, O. F., Fokanov, V. P. - Comparison between the self-diffusion and interdiffusion coefficients measured by different methods. p. 111.
- Petrav, M. P., Moskatov, V. V. - Nuclear magnetic resonance of ¹⁹F in NaMF₆. p. 120.
- Klabina, V. N., Sharko, E. D. - Use of the proton magnetic resonance method in studying amino acids. p. 123.
- Antokol'skii, G. L., Shul'nev, V. A. - Spin lattice relaxation of protons in cross-linked polymer solutions and the effectiveness of the ultrasonic action on the nuclear spin system in liquids. p. 130.
- Smirnov, V. A., Antokol'skii, G. L. - Apparatus for the study of the acoustic nuclear magnetic resonance. p. 134.
- Noruzov, A. A. - Possibility to improve some characteristics of the acoustic nuclear resonance generator. p. 160.
- Mel'nikov, A. V., Moskatov, V. V. - Effect of a conducting spherical screen on the deconnection of a polarizing field in the case of a free precession of nuclei. p. 164.
- Chernyshev, I. U. S. - Nuclear magnetic relaxation in a liquid in contact with a solid surface. Part I: Dependence on a magnetic field. p. 169.
- Chizhik, V. I., Medvedev, E. M. - Quasi-stationary high-resolution spectrometer. p. 172.
- Bezrukov, O. F., Toropov, D. K., Fokanov, V. F. - Production of rectangular current pulses for the pulse gradient in the spin echo method. p. 178.
- Chizhik, V. I., Spirand, O. B. - Pulse nuclear magnetic resonance spectrometer for the study of solids. p. 176.
- Mitcheva, E. I., Enkova, V. V. - Measuring the spin-lattice relaxation period in intermediate fields. p. 181.
- Chernyshev, I. U. S. - Nuclear magnetic relaxation in adsorbed liquids: a review. p. 188.
- KIEV, UKRAINSKII NAUCHNO-ISSLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions].** No. 73, 1967. Problems of hydrogeological studies and forecasts.
- Table of contents translated.
- Modlak, V. I., Tsarenko, E. I. - Calculations of maximum discharge of melt waters of the rivers of the Ukraine and Moldavia. p. 3.
- Rudometch, M. V. - Some problems in the calculation and forecast of spring streamflow of the Dnestr River. p. 26.
- Romanenko, V. A. - Using the principle of the terrestrial power characteristics for the calculation of the mean depth of freezing ground in river basins. p. 45.
- Kyzhakovskaya, A. H. - Forecast of the daily index in a reservoir using electronic modeling devices. p. 56.
- Modlak, V. I. - Methodology of the calculation of the regulating effect of a system of reservoirs in a basin on maximum discharge. p. 61.
- Chokoshkina, T. A. - Scheme for the calculation of discharges of floods when there is a reservoir in the basin. p. 70.
- Pavlenko, G. V. - Calculation of flood discharges of the Labinets River and the possibility of forecasting them. p. 79.
- Kuchukova, E. I. - Forecast of flood discharges of the Zab River at the city of Chigirinsk. p. 90.
- Shestakov, A. V. - Spring streamflow of rivers on the eastern slopes of the Carpathians and Podolia. p. 97.
- Shestakov, A. V. - Sars of rivers of the Dniester basin in the spring period. p. 100.
- Shestakov, A. V. - Evaporation from the snow river in the Carpathians in the spring period. p. 117.
- Gabashvili, R. G. - Calculation of precipitation losses based on data of the runoff of small stream flows. p. 122.
- Gabashvili, R. G. - Flood studies of the absorption ability of soil grounds. p. 126.
- LENINGRAD, GIDROMETEOROLOGICHESKII INSTITUT. Trudy [HYDROMETEOROLOGICAL INSTITUTE. Transactions].** No. 21, 1967. Investigations on the ocean-atmosphere problem. Collection of papers of the Research Institute of the Interaction of the Ocean and the Atmosphere, no. 1.
- Table of contents translated:
- Kagan, B. A. - Interaction of boundary layers of the atmosphere and the ocean in the North Atlantic. p. 3.
- Abraham, R. V. - Some consequences of the geopotential detail of the classic concept of the centers of atmospheric action. p. 22.
- Abraham, R. V. - Diurnal rhythm in hydrometeorological phenomena of the North Atlantic region. p. 31.
- Serdyuk, G. I. - Calculation of the conductivity of the surface film of water of the North Atlantic for short intervals according to materials of mass observations. p. 42.
- Zhdanov, L. A. - Formation of the salinity field of the upper layer of the North Atlantic. p. 54.
- Zhdanov, L. A. - Horizontal density of circulation in the upper layer of the North Atlantic. p. 63.
- Kuznetsov, M. L. - Evaluation of vertical heat fluxes in the upper layer of the North Atlantic. p. 70.
- Kozminova, L. N. - Convective interlocking and vertical circulation in the subpolar region of the Atlantic Ocean in the cooling period. p. 85.
- Korotova, V. A. - Calculation of the vertical component of the velocity of the gradient-convection current in the North Atlantic by the method of Iliadis. p. 90.
- Korotova, V. A., Koltsov, V. E. - Calculation of the vertical velocity of the drift current in the northern part of the Atlantic Ocean. p. 95.
- Smirnova, A. I. - Depth of the active layer in the North Atlantic. p. 99.
- Belina, I. P. - Surface geostrophic currents of the Norwegian and Greenland Seas. p. 104.
- Serdyuk, E. I. - Basic long-range increase of the temperature of water in the southern regions of the Barents and Norwegian Seas. p. 113.
- Shapoval, V. M. - Mobile ice of hydrometeorological stations in the water areas of the Atlantic, Indian, and Pacific Oceans. p. 117.
- Bois, L. I. - Comparative evaluation of spectrum analysis and the methods of Fitch and Schuster as applied to oceanographic series. p. 122.
- Zemisev, G. S., Kagan, B. A. - Calculation of the vertical component of pure drift current in the friction layer of the ocean. p. 143.
- Kagan, B. A. - Numerical method for the determination of tidal oscillations of the level and of the three-dimensional field of currents in the sea. p. 148.
- Bois, L. I., Stepanov, S. I. - Numerical method for the determination of tidal currents in the ocean. p. 155.
- Bednecov, V. G. - Utilization of the continuity equation in the study of tidal phenomena. p. 161.
- Izhomanskii, V. B. - Determining types of tidal oscillations by their energy. p. 164.
- Makarov, V. A., Mezlov, A. B. - Determining periods of free oscillations of liquid in tanks by means of an electric model. p. 167.
- Zubova, M. M. - Development of wind waves based on observation data. p. 169.
- Tranzya, T. A. - Experimental study of turbulent diffusion in the sea by the method of sources. p. 182.
- Belina, I. P. - Selection of the coefficient of vertical turbulence in the sea. p. 189.
- Isanov, V. I. - Change of water temperature in a homogeneous layer. p. 193.
- Ing, V. A. - Uniformly temperature field in snow-covered water under variable conditions of a maximum. p. 202.
- METEOROLOGIA I GIDROLOGIA [METEOROLOGY AND HYDROLOGY].** Issued by Glavno upravleniye gidrometeorologicheskoi sluzhby pri Sovetskom Ministre SSSR [Main Administration of the Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 5, May 1968.
- Table of contents translated.
- Dobukovskaya, E. P. - Interpretation of infrared cloud photographs obtained from the "Kosmos-122" satellite. p. 3.
- Simechkin, D. M. - Objective classification of meteorological phenomena and situations using an electronic computer. p. 12.
- Ehman, V. A. - Solution of nonlinear equations of atmospheric dynamics for a sphere. p. 22.
- Alimov, K. G. - Variability of the altitude of cloud base. p. 30.
- Kaplan, S. N. - Characteristics of the temporary structure of cloud cover. p. 42.
- Starobin, A. I., Chaplin, S. P., Vesheva, G. K. - Storm in the western part of the Eastern S. S. R. on August 9, 1967. p. 49.
- Isanov, V. I. - Regarding furtherness of sea level using instruments with satellite altimetry systems. p. 58.
- Kudrin, B. D., Skokovskaya, L. I. - Method for the determination of flow through the constricted point in roughness in river deltas. p. 60.
- Stepanov, N. D. - Calculations of the basic parameters of the cooling vegetation period. p. 72.
- Sabinin, L. G. - Increasing the mean yield of raw cotton in Uzbekistan. p. 77.
- Kharov, T. A. - Intensification of the temperature, velocity and direction of wind with height in the lower layer of the atmosphere. p. 83.
- Volkovitskii, O. A. - Approximate analytical dependence of temperature on pressure in the moist-adiabatic process. p. 87.
- Zubovskii, L. I. - Annual variation of local evaporation. p. 90.
- Ashlavin, A. V., Sapozhnik, K. A., Khvedelidze, Z. V. - Study of the local circulation of wind in the Dniester region of the Georgian S. S. R. p. 92.
- Gol'dberg, M. A., Savitskii, L. A. - Calculation of humidity according to data of aerological observations. p. 97.
- Ivanova, I. N., Kikh, G. A., Chizhik, A. F. - Temperature and density of the atmosphere and thermograph of the Central Arctic. p. 107.
- Dreier, A. A. - Sea-ice climatic reading of graphic information. p. 101.
- Kravchenko, I. V. - Special hydrometeorological phenomena in January, 1968. p. 105.
- Alkashvili Mikhailovich Chukhov, on his 50th birthday. p. 116.
- Mikhail Mironovich Samokhin, on his 50th birthday. p. 116.
- Iakov Moiseevich Kheifets, on his 50th birthday. p. 117.
- OPTIKA I SPECTROSKOPIYA [OPTICS AND SPECTROSCOPY].** Issued by Akademika maks SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 24, no. 1, Jan. 1968.
- Table of contents translated:
- Roshchina, T. N., Veselov, M. G. - Symmetrical calculation of the excitation and ionization energy of two-electron atoms and ions. Part I. p. 3.
- Kozlov, M. G., Starikov, G. P. - Vacuum ultraviolet absorption spectra of vapors of the aluminum group metals. Part 2: Gallium and indium. p. 8.
- Preobrazhenskii, N. G. - Some approximations of the profiles of spectral lines emitted by an optically thin layer of a plasma. p. 12.
- Avakova, I. G., Zaleskii, V. I. - Afterglow of helium in the region near the cathode of a glow discharge. p. 19.
- Iakobi, I. U. A., Ivantia, S. P., Komlin, A. V. - Radiation entrainment of energy from a dense hydrogen plasma. p. 29.

- Kozlov, I. G. - Formation mechanism of molecules in the early afterglow of a pulse discharge. p. 31.
- Kochkov, V. P. - Molecular fine structure of the fluorescence spectrum of anthracene vapors. p. 40.
- Olyukovich, I. E., Cherkasov, A. S. - Composable dimethylsubstituted anthracenes with 1,2-benzanthracene excimer. p. 46.
- Shpol'skiy, E. V., and others. - Concentration dependence of the fluorescence and absorption spectra of frozen paraffin solutions of naphthalene. p. 42.
- Al'perovich, I. I., and others. - Kramer's - Kronig relation for the molecular spectra of liquids and solutions. p. 60.
- Grifon, L. A. - Some problems related to the use of dependent coordinates in the theory of vibrations of polyatomic molecules. p. 67.
- Bol'shev, M. G., Sverdlov, L. M. - Vibrational spectra of unsaturated hydrocarbons. Part 29: Calculating the absolute intensities and polarizations in the Raman scattering spectra and in the infrared absorption of methylallene and 1,1-dimethylallene. p. 72.
- Grishin, G. V., Sverdlov, L. M. - Method of deriving a first approximation of a force field for polyatomic molecules. p. 78.
- Schubert, S. I., and others. - Rotational Raman scattering spectra. Part 4: Methylacetylene C_3H_4 and C_3D_4 . p. 82.
- Larionov, V. M., Sverdlov, L. M. - Calculating the force constant, potential constant, and absolute intensities of infrared bands of nitrogen and nitrogen dioxide. p. 89.
- Allen, M. R., Shkolnik, S. I., Trufin, V. I. - Signs and constants of the centrifugal distortion of D_2 and D_2O . p. 93.
- Kislovskii, I. D., Gubanov, E. K., Shkolnik, I. A. - Studying the infrared spectra of ferroelectric substances isomorphous with triglycine sulfate crystals. p. 100.
- Zhil'tsov, R. A., Mel'nikov, E. L. - Absorption spectra of the anions of silver stabilized in frozen solutions of its salts. p. 106.
- Dal'rev, E. S., Zaitov, P. N., Lektorsky, I. U. - Effectiveness of the recombination luminescence in the case of photothermal destruction of F-centers in NaCl:W and NaCl:Ag phosphors. p. 113.
- Andreev, S. I., Vasilukov, M. P., Gavrilov, V. E. - Use of tubular lamps fed by double current pulses for laser pumping. p. 121.
- Isopretis, A. S. - Mirror reflection of light from a rough surface. p. 126.
- Bresler, P. I. - Selectivity of the opticoacoustical method of gas analysis. Part 3: Studying the changes in the selectivity due to the change of gas pressure in analysis. p. 132.
- Gabanov, E. K. - Identification of the spectra of ferroelectric crystals of the triglycine sulfate group. p. 137.
- Krechevskaya, V. S., Khachat, A. D. - Cross sections of the stopped excitation and quenching processes parameters for highly excited states of argon. p. 141.
- Permyakov, I. I., Shkolnik, V. V. - Interference measurements of the width of lines in quasi-line fluorescence spectra of 1,12-dioxepylene at 4 K. p. 142.
- Aleksandra, I. A., Shkolnik, N. V. - Magneto-optical rotation of lithium impurity centers in lithium crystals. p. 145.
- Vol. 24, no. 2, Feb. 1968.
- Table of contents translated:
- Sverdlov, L. M., Stengach, B. A. - Determining the coupling factor of the U^2 configuration from the experimental data. p. 149.
- Gul'tzovskii, I. U., Kagan, I. U. M., Magashchikov, R. I. - Electrical and optical characteristics of the positive column of discharge in helium at medium pressures. p. 158.
- Oskrovich, A. L., Verolainen, A. F. - Lifetime of the levels of the Li and He II. p. 162.
- Onitschko, V. A., Polgoretskii, M. I. - Resonance scattering of light on atomic molecules in excited helium. p. 170.
- Pokazany, V. G. - Scattering of light taking the interference of excited states into account. p. 174.
- Kiselev, A. A. - Separation of the electronic and nuclear motions in a molecule. p. 181.
- Riadov, V. I. A., Fozlov, M. I. - Studying the width and intensity of the spectral line $\lambda_{H\beta} = 12,67 \text{ cm}^{-1}$ of the atmospheric water vapor. p. 186.
- Averinskii, B. S., Malinits, L. S. - Taking the symmetry into account in calculating the intensities in the vibrational spectra of molecules. Part 2: Raman scattering spectra. p. 191.
- Dolgopolskaya, A. V., Skrobogov, B. S. - Luminescence crystals in $KCl \cdot Tl^{+}Se^{2-}$ and $KCl \cdot Tl^{+}S^{2-}$ single crystals. p. 201.
- Nakhimovskaya, L. A. - Conditions for the realization of the Shpol'skiy effect. p. 207.
- Narimankhanov, R. N., Gishliya, G. I. - Absorption and luminescence spectra of triacetyl benzene, divinyl benzene, terephthalic acid and its aldehyde and acid chloride. p. 211.
- Saratova, L. I., Smolova, P. - Studying the low-frequency Raman scattering spectrum of the ferroelectric triglycine sulfate crystal. p. 216.
- Gavrilov, V. E., Rosko'dko, V. G., Faldyev, A. N. - Transfer of the triplet level energy in benzophenone crystals with phenanthrene and piazazone impurities. p. 222.
- Andreevskiy, E. A., and others. - Transfer of excitation energy in solutions in benzene and n-xylol. p. 229.
- Grifon, V. L., Zhuravlov, N. D. - Polarization of the afterglow of molecular crystals. p. 234.
- Min'stseva, V. E., Minin, Zh. O. - Stimulated Raman scattering in pyridine solutions. p. 241.
- Agache, S. N., Troshin, B. I. - Polarization of radiation and frequency characteristics of a circular gas laser with anisotropic elements. p. 243.
- Grizanov, I. U. M., Lebedev, O. I., Chasov, A. A. - Effect of the decrease of transparency of dyes in an intense light flux. p. 246.
- Kolpakov, I. D., Serpuk, V. P. - Depolarization of scattered light and the Kratohvil effect near the critical point. p. 249.
- Lapshin, V. L., Mikhovskii, V. K., Shkolnik, I. A. - Use of the Kramer's - Kronig dispersion relations for determination of the phase shift caused by the reflection of light from photoelectric layers. p. 257.
- Kryzhanovskii, B. P. - Reflection of semiconducting copper sulfide layers in the infrared region of spectrum. p. 273.
- Korotkiy, I. B., Lokhtek, A. P. - Method of differential reflecting filters. p. 261.
- Redin, V. I. - Experimental and theoretical investigation of the opticoacoustical receiver of ultrasonic waves. p. 272.
- Pollarskii, V. K., Mikhovskii, O. I. - Studying the optical conditions near the back boundary of a light-diffusing layer. p. 277.
- Zablikov, I. E. - Using the method of determining the dispersion by reflection and transmission in the region of intensive absorption bands. p. 280.
- Kiselev, A. A. - Operation of the interaction of various solutes in a molecule. p. 283.
- Fomchenko, V. A., Zlatova, L. I. - Absorption coefficient of carbon in the region of ultrashort X-radiation. p. 284.
- Gul'tzovskii, I. U., Kagan, I. U. M., Magashchikov, R. I. - Continuous spectrum to a positive column in argon. p. 286.
- Klimchikov, A. N. - Prediction of the inversion of population under optical excitation of the $7^2P_{3/2}$ level of cesium. p. 289.
- Tsujikawa, G. A. - Effect of the chemical bonding of bleached manganese with ligands on the luminescence properties of fluoroborated glasses. p. 290.
- Korolev, F. A., Ohmuro, V. I., Tsvetkov, P. A. - New infrared components of the infrared Raman scattering in cyclohexane. p. 294.
- Ermolov, V. I., Stepanova, E. B. - Studying the degradation of the electron excitation energy of organic molecules in liquid solutions. Part 2: Method of triplet-triplet transfer in chlorates through an intermediate. p. 293.
- Itskane, V. N. - Effect of collisions on the polarization of resonance fluorescence. p. 296.
- Guseva, L. M., and others. - Promethide and pyrazine as optical materials for the infrared region. p. 298.
- Lebedev, O. I., Grizanov, I. U. M., Chasov, A. A. - Clearing up the photoacoustic solutions under the action of the neodymium laser. p. 300.
- Skrobogov, B. S., Azarov, V. V. - Determination and triplet-dipole broadening of Nd^{3+} lines in LaF_3 . p. 302.
- E. F. Gusev: 50th anniversary of the scientific work. p. 304.
- Vol. 24, no. 5, May 1968.
- Table of contents translated:
- Adamov, M. N., Orlov, U. I., Rebane, T. K. - Calculating the optical polarization capacity of the hydrogen atom by means of new variation methods. p. 307.
- Ivanova, A. E., Safonova, U. I., Kharitonova, V. K. - Energy of the excited states of the He . p. 309.
- Kagan, I. U. M., Kosmolov, B. - Optical and electric characteristics of the positive column in the mixture of mercury and inert gases. p. 303.
- Vagrov, S. D., Kagan, I. U. M., Khramov, G. I. - Contracted high-frequency discharge in argon. p. 371.
- Prezhitkov, L. P., Ulanov, A. D., Sholeva, L. A. - Effect of inelastic atomic collisions on the relaxation processes in a low-temperature plasma. p. 367.
- Bobyrenko, I. U. A. - Diffusion theory of the passage of light through light-diffusing medium. p. 380.
- Barshchev, A. I., Naberzhnikov, I. U. - Role of the proper volume of molecules in the impact theory of spectral line broadening in gases. p. 383.
- Bakshiev, N. G., Girin, O. P. - Two sides of the problem of the effect of intermolecular interactions on the molecular spectra. p. 391.
- Allen, M. R., Alekhanov, V. T. - Calculation of the vibrational-rotational energy of molecules. Part 2: Selection of the S-functions for polyatomic molecules. p. 395.
- Shabalin, I. I., Kiva, E. A. - Intermolecular hydrogen bond of cumene hydroperoxide. p. 403.
- Prokhor, A. I. - Relation between the relations of molecules of a liquid and the distribution of the continuous spectrum of the Rayleigh line. p. 403.
- Mikhovskii, M. S., Rozman, I. M. - Relation between the lifetime of the excited state and the emission and absorption spectra of polyatomic molecules. p. 414.
- Mafia, E. G. - Absorption spectra of anthracene in solutions at 77 K. p. 416.
- Andreevskiy, E. A., and others. - Absorption and fluorescence spectra of stilbene, diphenyl ether, and styryl stilbene. p. 423.
- Golov, G. V., Nakhimovskaya, L. A. - Concentration effect on the absorption spectra of n-para-allyl frozen solutions of diphenyl ether. p. 427.
- Golubskiy, A. G., and others. - Characterization of the luminescence of polymers doped by dyes, methyl, methylacrylate under high-power excitation. p. 432.
- Timofeev, V. B., Vashchenko, V. I. - Optical properties of Hg^{2+} single crystals near the long-wave fundamental absorption edge. p. 440.
- Sokolovskii, I. U., Korotkiy, T. I. - Absorption of light in thin granular silver films. p. 444.
- Trifunov, V. M. - Ionic mechanism of the thermal quenching of the silver chloride luminescence. Part 2: Flash and afterglow quenching law in the case of ionic mechanism of the thermal quenching of luminescence. p. 451.
- Samson, A. M., Kabanova, L. A. - Some problems of splitting of solid layers. p. 456.
- Bol'shev, V. P., Pradko, E. E. - Diffraction effects in confocal and semiconfocal optical resonators. p. 460.
- Bel'manova, I. M., and others. - Saturation of the generation power of a helium-neon gas laser in $\lambda_{3328.4}$. p. 470.
- Vukob, M. G. - Analysis of an electric field in studying a longitudinal electrooptical effect in highly piezoelectric anisotropic crystals with triglycine, p. 486.
- Sokolov, O. M. - Selection fluorocolors in the 15-50 nm region of the spectrum. p. 485.
- Sokolov, O. M. - Total internal reflection filter. Calculation of time-dependent processes. p. 489.
- Chaban, A. A. - Interaction of laser beams and the coupling of the Fresnel laws. p. 495.
- Doplat, G. G., Kuznetsov, V. T., Anany, I. G. - Measuring the electric field temperature by the intensity ratio of helium lines. p. 499.
- Vakhitova, V. I., Kala, S. M., Sverdlov, L. M. - Theoretical and experimental study of absolute intensities and depolarization of lines in the Raman scattering spectra of polyatomic molecules. Part 2: Acetylchloride and acetylchloride. p. 508.
- Grifon, V. A., Kravchukov, G. V., Fufin, K. G. - Neodymium-glass laser with "circularly polarized standing waves in a resonator. p. 511.
- Kuznetsov, I. A., Kuz'menko, N. E., Kuz'minov, I. U. A. - Emission spectrum of the S_{II}^{+} molecule. p. 512.
- Lichinov, V. V. - Estimating the width of the angular radiation distribution in a laser with inhomogeneity in a phase-mirror resonator. p. 515.
- Ginzburg, I. M., Kharvuk, V. S. - Infrared spectra and intermolecular interactions in the system phenol - helium. p. 518.
- Andreev, S. I., Gavrilov, V. E. - Emission of pulsed xenon lamps fed by double current pulses. p. 519.
- Al'man, E. L., Chalka, M. P. - Shift of the double resonance signal in alkali metals due to the change in the strength of the radiofrequency field. p. 520.
- Kuppe, V. T., and others. - Dependence of the amount of the electron transition R_2 on the internuclear distance r for the Michel-Lust system of the N_2^+ ion. p. 521.
- Voinov, T. I., and others. - Induced emission of He^{+} ions in silicate glasses coated by holmium, erbium, and ytterbium. p. 523.
- Zablikov, I. U. E. - Test of the Kramer's-Kronig dispersion relations in a wide temperature range. p. 526.
- Zvereva, I. I., Kononov, E. I. A. - Spectra of arc discharge VII and selenium Se VIII in the vacuum ultraviolet region of the spectrum. p. 527.
- Korolev, F. A., Mol'khis, G. M. - Light modulation. p. 530.
- Fetis, S. E., Mukarov, A. P. - Use of the total absorption method in determining the natural width and the cross sections of quenching collisions. p. 531.
- Evdokimov, I. U. V. - Broadening of the second doublet of cesium by inert gases. p. 532.
- Arifov, A. V., Man'ukov, I. U. S. - Induced emission by cooled alcohol solutions of rhodamine. p. 535.

- Krizer, V. P. - On the new method of recording weak light signals. p. 840.
- Preobrazhenskii, N. G. - Concerning the properties of G-G tubes and I.S. Fishman. p. 811.
- Belitskiy, V. B., Tikh, V. M. - Second Symposium on Vacuum Ultraviolet Spectroscopy. p. 842.
- PRIBORY I TEKHNIKA EKSPERIMENTA (INSTRUMENTS AND EXPERIMENTAL TECHNIQUES).** Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R., Moscow, no. 1, Jan-Feb 1968]. Table of contents translated:
- Orlovskiy, V. M. - High-power pulse oscillators using four-layer PNPN-type devices. (review). p. 5.
- Artamonova, Z. L., and others. - Resonances of high-frequency oscillations in a synchrotron. p. 12.
- Orlov, G. I., Sidorov, B. N. - Characteristics of a high-frequency source of negative hydrogen ions from a charge-exchange medium injector. p. 16.
- Lisheiko, I. G., and others. - Singonium isotope films for nuclear research. p. 19.
- Kist, G. M. - Estimation of the upper electron energy in Compton scattering. p. 20.
- Ochilov, I. U. I. - Semiconductor counters for fast neutron spectrometry. p. 23.
- Vakulovskii, S. M., Shal'nev, A. N. - Low-background scintillation beta-ray spectrometer. p. 30.
- Imenkov, M. I., and others. - Automatic apparatus for assuring the constancy of the "pre-history" of signals in beta-ray spectrometers. p. 33.
- Konstantinov, I. I., Fyhring, G. A. - Use of a gamma-ray spectrometer with a pulsed liquid scintillator for analyzing mixed fission products of low activity. p. 36.
- Lisitsin, V. S., Fursov, G. A., Krasnoludov, I. K. - Stabilization scheme for the amplification coefficients of photomultipliers in a multicrystal scintillation gamma-ray spectrometer. p. 40.
- Kapastanskii, A., and others. - Use of infra-quartz glass and lacquer in recording nuclear fission. p. 43.
- Gorsenov, V. K., Lyov, I. N. - Use of silicate glass to count the number of fission fragments. p. 46.
- Razuvayev, O. V., Selitskii, I. A., Finkelshteyn, V. I. - Use of mica in recording fission fragments with intensive irradiation of the detector by charged particles. p. 51.
- Karlovskiy, V. A., and others. - Use of vitrium in collecting data from spark chambers. p. 53.
- Tsirlin, I. U. A., and others. - Determining the β/α ratio for plastic scintillators with various bases and admixtures. p. 55.
- Tsirlin, I. U. A., and others. - Unified standard for plastic scintillators. p. 57.
- Shal'nev, B. I. - Preparation of polycrystalline scintillation films. p. 59.
- Koshakov, V. V., Karapetian, V. A. - Spectrometric scintillation counter. p. 60.
- Savitskiy, A. A., and others. - High-efficiency detector of X-ray polarization. p. 62.
- Mazurikova, O. A. - Functional transformation of currents from an ionization chamber into pulse signals. p. 65.
- Selitskiy, K. M., Bulgakov, V. B., Lebedev, A. A. - Thermoluminescent dosimetric instrument. p. 69.
- Bukhannov, K., Gerasimov, G. A. - Study of a vacuum chamber for X-ray dosimetry. p. 71.
- Vasilevskiy, V. V., Gagarin, N. I., Serebrennikov, V. A. - Large-area proportional counter for studying cosmic rays. p. 73.
- Kirjakov, A. S. - Pulse delay in CO₂ counters. p. 70.
- Akopovskiy, G. A., Ivanov, G. A. - Electron-optical method of measuring times of ionizing pulse radiation. p. 78.
- Artyukhov, V. I. A., Nefedov, I. U. A., Gvozdev, V. I. A. - Improving the time resolving power of an analyzer using amplitude correction. p. 80.
- Gerasimov, B. I. A., and others. - Balancing system for data of an n-dimensional analyzer having a combined type memory system. p. 87.
- Belitskiy, I. U. G., Zinov, V. G. - Integral and differential discriminators using tunnel diodes. p. 92.
- Erglis, K. E., Subbotin, V. T. - Ring-type scalars with tunnel transistors. p. 96.
- Zharavskiy, L. A. - Multichannel storage counters. p. 100.
- Brovchenko, V. G., Kondrat'ev, I. G. - Circuits for electron starting. p. 103.
- Nechaev, I. U. L. - Ten-channel time transducer on semiconductor triodes. p. 105.
- Kirlianov, K. I. - Observation and measurement of mutually correlational characteristics of random signals. p. 108.
- Rozhkov, V. M. - Triggering devices for the BLIII tube. p. 111.
- Lilov, V. A. - Transistorized measuring amplifier. p. 114.
- Ponomarev, I. A. G. - Transistorized photoelectric amplifier. p. 116.
- Belkin, N. V., Tarasov, M. S. - Small-size high-voltage single pulse oscillators. p. 121.
- Vasilevskiy, E. A., and others. - Three-channel nanosecond pulse oscillator operating on semiconductor. p. 123.
- Vorob'ev, G. A., and others. - Oscillator for 1 Mc. nanosecond voltage pulses. p. 126.
- Zhelez, K. A., Mishin, V. M. - Transistorized high-voltage pulse oscillator. p. 128.
- Martynchev, A. K., Dolin, E. M. - Controlled pulse oscillator. p. 129.
- Sedukhin, V. V. - Wide-band oscillator using electro-magnetic camera shutters. p. 130.
- Morkachev, N. V., Nechaev, I. U. D. - Use of an AI-256-1 analyzer in improving the sensitivity of microwave spectrometers. p. 132.
- Voznesenskiy, N. N., Kulonitsky, V. M., Syrkis, I. N. - Tunnel diode as a piezoelectric element in an oscillator system. p. 135.
- Vysotskiy, A. B., and others. - Over-resonator for studying the properties of a solid body at low temperatures. p. 138.
- Malyukhin, L. P. - Servosystem for recording optical instruments for observation of the sun. p. 141.
- Shevtchenko, V. I. A., Shupko, V. A. - Conductivity of a superconductor. p. 145.
- Konstantinovskii, I. Z., Gol'denshteyn, I. V. - A mass spectrometer with microbeam ionization, storage electric field, and electronic block. p. 149.
- Lomik, I. K., and others. - Quality analysis using a mass spectrometer with ion storage in oscillating bunches. p. 148.
- Karachev, V. I. - Chromatic aberration in a mass spectrometer with a stepped magnetic field. p. 152.
- Alexandrov, B. R. - Introducing a molecular beam into a mass spectrometer as a sample. p. 154.
- Nicholskaya, G. A., Klutskiy, I. E. - A cold-cathode magnetron magnetron. p. 166.
- Bukh, I. L., Fedosov, S. N. - Stabilizing the recombination rate of aluminum in a vacuum. p. 160.
- Imenkov, M. I., Krasnikov, V. V. - Advancing the electron magnetic high-voltage valve. p. 161.
- Maglitskiy, I. N., and others. - Electron-optical amplitude light modulator in a 45° X-ray amorphous hydrophosphate crystal. p. 163.
- Maglitskiy, I. N., Poterayev, V. M., Ponomareva, I. P. - A 100 Mc band electron-optical light modulator. p. 166.
- Angelova, I. A., and others. - Measuring the radiation power of gallium phosphide luminescent diodes. p. 168.
- Alekseev, N. I., Sheshtopov, I. M. - Optical specular colorimeter. p. 170.
- Lebedev, A. A., Samoilovich, A. I., Shukov, V. S. - Use of glass capacitors and cathodes in laser discharge tubes. p. 171.
- Krasnikov, N. I., Serebrennikov, S. V. - Study of the parameters of the equivalent circuit of an electron luminescent diode on the basis of the planar substrate ZnS-Mn. p. 174.
- Kozlov, V. O., Naliko, V. A., Tolstol, A. E. - Instrument for measuring the position of the median magnetic surface in mills with a constant inhomogeneous field. p. 177.
- Darda, G. V., Litovskiy, R. N. - Magnetometer with an r.m.s. Hall transducer. p. 181.
- Rogozina, I. A., Oleviskiy, V. M., Rimova, N. G. - Measuring the thickness and profile of a liquid film. p. 183.
- Venturel, V. A. - Introduction of a pulse magnetic field into a high-pressure vessel. p. 186.
- Iskevich, F. S., and others. - Electric lead-ins to a high-pressure chamber. p. 187.
- Rakitskiy, I. A., Vasilev, I. M., Grigorov, Zh. B. - Small-size laboratory press. p. 188.
- Tsirlin, D. S., Nedina, M. D. - Electromagnetic method for measuring the piston's velocity in an adiabatic unit. p. 189.
- Alekseev, A. G., and others. - The EVR-1 industrial electron diffraction camera for direct recording of scattered electrons. p. 192.
- Vainshteyn, E. E., and others. - Automatic X-ray spectrometer for studying the fine structure of UFS-3 spectra. p. 197.
- Gol'tsman, D. M., Svirskiy, V. Sh. - Fast determination of the thermal diffusivity in thermoelectric materials. p. 200.
- Iskova, I. U. F., and others. - Use of photoemulsions in recording thermal fields in semiconductor instruments. p. 202.
- APlov, V. A., and others. - Solenoids made from non-stabilized superconducting cable. p. 203.
- Padov, G. S., and others. - Precision automatic temperature regulator for a cryostat in the range of 4.2 to 300°K. p. 207.
- Mezhov-Deglin, I. P., Shal'nev, A. I. - Low-thermal-coefficient thermometers. p. 209.
- Loytshenko, S. P., Brovkin, M. N. - Transducer and thermocoupler for the interval 4.2 to 320°K. p. 212.
- Avdchenko, A. A., and others. - Control system for stored beams in a VEPP-2 storing device. p. 214.
- Gel'perin, D. B., Aleksandrovskiy, M. R., Fok, L. A. - Determining the optimal radius of a balanced betatron orbit to obtain the maximum radiation intensity. p. 215.
- Bakhtin, B. N., Glazkov, A. A. - Pulsewise injection of particles into a wave guide separator channel. p. 217.
- Vaynshteyn, V. G., and others. - Magnetic spectrometer for studying the production of charged mesons. p. 218.
- Goncharuk, I. E., and others. - Use of liquid scintillators in separating neutrons and gamma rays according to the pulse shape. p. 219.
- Muravskaya, V. A., Lukashin, V. V. - Time stabilizers and efficiency in the scintillation method for recording particles with long free paths. p. 221.
- Filitskiy, D. G. - Characteristics of some liquid scintillators under alpha and beta excitation. p. 222.
- Sokolov, V. N., Fogel'shteyn, M. S., Muronov, V. I., and E. P. R. pulse spectrometer for measuring the relaxation time. p. 224.
- Dmitriyev, V. V., Solov'yev, S. P. - Use of the exact time method in studying for electrolyte substances in the microwave band. p. 225.
- Tkachenko, V. D., Tolstol, A. E. - Use of the nuclear induction method in measuring inhomogeneous magnetic fields and their gradients. p. 227.
- Bakhtin, B. N., and others. - Apparatus for studying the propagation of radio waves in the microwave band. p. 229.
- PROBLEMY DIFRAKTSII I RASPROSTRANENIYA VOLN (PROBLEMS IN WAVE DIFFRACTION AND PROPAGATION).** Issued by Leningradskiy gosudarstvennyy universitet [Leningrad State University]. Leningrad, vol. 7, 1968. Table of contents translated:
- Alekhin, A. G. - Asymptotics of the solution of linear systems of ordinary differential equations with large parameter and presence of a turning point. p. 3.
- Mukozov, G. I., Norikoe, V. V. - Propagation of electromagnetic waves in impedance plane and spherical wave guides. Part 1. Construction of solutions. p. 19.
- Mukozov, G. I., Norikoe, V. V. - Propagation of electromagnetic waves in impedance plane and spherical wave guides. Part 2. Propagation of electromagnetic waves in a plane impedance wave guide. p. 34.
- Ramonova, G. P. - Determination of complex eigenvalues of some boundary value problems by a method of analytical extension of functions from a real axis to a complex domain of an argument. Application of the method to problems of the propagation of a superluminal wave taking into account the magnetic field of the earth. p. 60.
- Krasnoludov, V. N. - Solution of a wave equation in a spherical system of coordinates. p. 77.
- Krasnoludov, V. N. - Diffraction of a plane electric magnetic wave on an impedance sphere with time varying radius. p. 80.
- Kozlov, O. G., Filippov, K. F. - Diffraction of an electromagnetic field on an infinite hollow cylinder in a conductive half-space. p. 104.
- Kuzina, O. G., Pevzner, A. I., Chertozhskiy, D. N. - Diffraction of an electromagnetic wave on a hollow spherical inhomogeneity in a conductive half-space. p. 111.
- Maglitskiy, D. Sh. - Some formulas of shortwave asymptotics in the two-dimensional problem of diffraction on smooth concave bodies. p. 122.
- Nerzhitskiy, B. V. - Effect of atmospheric inhomogeneity on the field of a flat wave guide. p. 132.
- Gumilov, E. M., Zakhvatina, I. N. - Propagation of long radio waves and the inhomogeneous troposphere. p. 142.
- Rybakov, S. T. - Consideration of nonhomogeneities of the ionosphere in a problem on the propagation of superluminal waves in a wave-guide channel earth-ionosphere. p. 152.
- Dzenchenko, L. I. - Reflection of a "hot" impulse from a symmetrical Epstein layer. p. 185.
- Gerasimov, V. S., Krasnoludov, V. N. - Excitation of electromagnetic fields by moving bodies. p. 173.
- Krasnoludov, V. N., Orlov, A. D. - Errors in the determination of the characteristics of propagation of superluminal waves using harmonic analysis of the form of atmospheric. p. 178.
- Shal'nev, I. U. V. - Experimental study of dipole and current moments of lightning discharges. Part 1: Methods for studying dipole moments of radiation sources. p. 198.
- REFERATIVNIYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS].** Issued by Vsesoyuznyy nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 6-7, Jan-July 1968.
- REFERATIVNIYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS].** Issued by Vsesoyuznyy nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 7, July 1968.
- REFERATIVNIYI ZHURNAL: MEKANIKA [JOURNAL OF ABSTRACTS: MECHANICS].** Issued by Vsesoyuznyy nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 7, July 1968.

FIZIOLIZIKA VYSOKIKH TEMPERATUR [THERMO-

PHYSICS OF HIGH TEMPERATURES]. Issued by Akademicheskaya SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 2, Mar.-Apr. 1965. Table of contents translated.

- Volkov, I. M., Zinov'ev, O. A., Maluta, D. D. - Use of the superhigh-frequency method in measuring the diffusion cross sections of slow electrons in inert gases. p. 269.
- Medvedev, R. E., Solov'ev, A. P. - Optimum frequency range of a stationary induced discharge. p. 269.
- Zagorodnikov, S. P., Smolkin, G. K., Sholin, G. V. - Measuring the density of charged particles in a steady-state plasma according to the Stark widening of the H α line. p. 221.
- Voros, T., and others. - Diagrams for high-temperature measurements. p. 232.
- Mutsaers, A. K. - Photoionization and photoionization of diatomic molecules at high temperatures. p. 232.
- Khalilov, I. Kh., Borisov, N. M. - Phase equilibria diagram of the two-component system sodium chloride - water. p. 212.
- Semenov, G. V., Baryantsev, I. G., Padenov, V. N. - Thermal expansion of solid solutions of the system HfO $_2$ - Ta $_2$ O $_5$. p. 218.
- Fedorov, V. I., Okunichuk, S., Glazov, V. M. - Thermal conductivity of diamond at high temperatures. p. 251.
- Shadrin, E. E., Sevetovskaya, V. A. - Experimental study of the electrical conductivity of lithium and cesium in the condensed phase at temperatures up to 1200°K. p. 251.
- Kirzhitskii, I. L. - Relation between electron and photon conductivity in metals. p. 23.
- Melchuk, G. F., Gidakov, L. A., Pankov, L. A. - Effect of the oxide film of metals on the degree of blackness. p. 266.
- Mel'nik-Pashayev, N. I., Kabanov, V. N., Pivovarov, M. D. - Investigation of convective heat exchange at supercritical pressures. p. 272.
- Malenkov, I. G. - Role of the gasification phase in the mechanism of the boiling point in natural convection. p. 277.
- Neustrupov, E. I., Romanovskii, I. M. - Some characteristics of the mass exchange in the boiling of aqueous solutions containing sodium sulfate. p. 280.
- Skochkov, V. D., and others. - Unit for studying the boiling of potassium in pipes. p. 280.
- Cherkashin, V. A., Pankov, V. A. - Diameters for measurements in the temperature range of 100 to 1000° C at different pressures of the gas medium. p. 284.
- Landis, N. A., Lazhava, N. G., Chelantsev, G. O. - Use of thermistors in high temperature calorimetry and their calibration. p. 286.
- Novitskii, L. A., Ugardi, N. N. - New instruments for thermophysical research. p. 302.
- Akhmetov, V. L. - Thermodynamic analysis of a piston cycle with a magneto-hydrodynamic generator and magneto-hydrodynamic compressor. p. 306.
- Pilitsyn, V. T., Flakov, B. S., Magun, I. A. - Probes for the study of electron-ion phenomena arising in combustion. p. 315.
- Belovskiy, A. T., and others. - Electric gas-dynamic generator. p. 320.
- Mekrushin, S. A., and others. - Characteristics of units with magneto-hydrodynamic converters operating on the Rankine cycle. p. 327.
- Astashevskii, L. I., Pashonov, E. P. - Analysis of a temperature field in a cylindrical symmetrical column of the electric arc. p. 333.
- Portkov, M. I., Maslov, P. G., Antonov, A. A. - Thermodynamic properties of ions. p. 336.
- Zhorov, G. A., Sergeev, V. S. - Radiation properties of stainless steel K108NT during heating in air. p. 340.
- Shadrin, E. E., Belova, A. M. - Experimental measuring of the pressure of saturated lithium gas. p. 342.
- Smirnov, E. V., Tumanov, H. P. - Properties of copper applied to a lining by the galvanic method. p. 344.
- Skokhodelskii, T. I. - Experimental study of a discharge along the surface of spray-coated cerium in argon doped with cesium. p. 346.
- Kesselman, P. M., Isakovich, A. S., Blank, R. L. - Second virial coefficient of atomic nitrogen and oxygen. p. 346.
- Filipenko, L. G. - Heating of a medium by an explosion with allotropic changes and thermochemical reactions in it. p. 350.
- Sorokin, I. U. A., Pekareva, I. K. - Numerical study of the local characteristics of a radiation field for a channel of triangular cross section. p. 353.
- Ioragimov, M. Kh., and others. - Intensity of temperature pulsations in the turbulent flow of a liquid in a quadratic channel. p. 356.
- Harashin, E. P., and others. - Effect of the construction of the operational tube on the parameters of a plasma current obtained in a shock tube. p. 358.
- Shcheglov, D. M., Kirichenko, A. P., Aliev, H. S. - Indicators of reflection in normal irradiation of a surface. p. 359.
- Moskalski, I. L., Svirnova, I. G. - Lowering the

temperature in the combustion chamber of magneto-hydrodynamic power generators of the open cycle at the expense of input admittance. p. 364.

UKRAINSKYI FIZYCHNYI ZHURNAL [UKRAINIAN

PHYSICS JOURNAL]. Issued by Vychisl'nyi Akademicheskii URSR [Department of Physics of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 13, no. 1, Jan. 1968.

Table of contents translated:

- Kozlovskii, L. I., Shashkov, O. O. - Linear theory of cyclic accelerations of relativistic charged particles in the case of small radiation losses. p. 3.
- Akhmetov, I. O., Borovskiy, O. E. - Nonlinear waves in a plasma with arbitrary electron velocity distribution in the presence of a magnetic field. p. 11.
- Pyshkalo, A. F., Pashonova, O. S. - Absorption of solid oxygen at 4°K in the 15000 - 35000 cm $^{-1}$ range. p. 19.
- Soskin, N. S., and others. - Dispersive resonators for the retarding of laser generation frequencies. p. 26.
- Zuker, V. O. - Calculation of the photoconductivity in the space charge region. p. 33.
- TSekava, R. E. - Theory of ultrasonic amplification in semiconductors with a high dielectric constant. p. 44.
- Kosolov, I. E., Kozlov, R. D. - Analysis of elastic scattering and neutron polarization by model on the basis of an optical model in the 4 Mev. range. p. 51.
- Koltsunov, V. D., and others. - Use of light transformers under optical pumping. p. 58.
- Chaykov, V. M. - Solution of the problem on the potential field distribution within a plate condenser with additional plates. p. 63.
- Cherny, N. S., Krasov, I. H. - Electric properties of polymeric. p. 67.
- Izzyk, I. I., Buzubekov, V. A., Sholeva, H. D. - Characteristics of the distribution of activity atoms included in solution films by means of the electron paramagnetic resonance. p. 71.
- Boyskov, A. H., and others. - Vibrational spectra of the organic compounds of the VBr $_3$ group elements. p. 75.
- Zaitsev, A. I., Skorobogatova, L. V., Kalya, V. L. - Infrared absorption spectrum of the Cd $^{2+}$ ion in a crystalline field of octahedral symmetry. p. 81.
- Kashin, M. O., and others. - Interaction of ammonia, hydrogen, and nitrogen with titanium. p. 87.
- Il'yakov, V. D., and others. - Single crystal silver films on quartz obtained by thermal evaporation in vacuum. p. 91.
- Kryukov, P. P., Karpovskiy, S. M. - K $^{3+}$ group of X-ray lines of iron and manganese in ferrous with the spinel structure. p. 95.
- Radavany, V. P., and others. - Electric properties of n-CdS $_{0.99}$ in a wide range of temperatures and impurity concentrations. p. 100.
- Rokhlov, O. V. - Partial harmonics of the S-matrix in the case of central interaction. p. 107.
- Medvedev, V. M., Kabanov, I. I., Reshetova, L. M. - Production of ductile targets of Fe and of the alloy Fe-Be and investigation of electrochemical deposits at the alloy Fe-Be, Be, and Cr. p. 123.
- Medvedev, V. M., Kabanov, I. I. - Production of targets for nuclear research and investigation of radiation, rhodium, and palladium deposits. p. 123.
- Kozlov, L. V., Mykhalskiy, N. A., Pashchynskiy, L. I. - Effect of a plasma density on the electron temperature measured by the relation of intensities of helium spectral lines. p. 130.
- Smolkin, A. D., Koval'skiy, P. M. - Mechanism of the photoelectric state of a H_2Se crystal. p. 134.
- Makhtenko, V. K. - Characteristics of the photoacoustic effect in CdS single crystals. p. 138.
- Opikova, V. S. - Studying the scattering processes by means of the matrix of the collision period. p. 143.
- Stryzhev, V. I., Korotkiy, H. V., Solov'ev, I. S. - Investigation of the applicability of an optical model for the description of the elastic scattering of 2.8 Mev. neutrons. p. 152.
- Mykolaitich, O. H., Belchuk, I. A. L., Freik, D. M. - Mercury telluride and mercury selenide structure in thin films. p. 154.
- Osniprenko, H. L., Zakharenko, A. L., Kozlovskiy, I. E. L. - Self-diffusion of silver impurity in liquid alloys Pb - Sn. p. 156.
- Kuzmenko, P. P., and others. - Temperature dependence of the electric transfer of silver in liquid gallium. p. 158.
- Medvedev, V. I., Shipilov, M. T. - Characteristics of the phosphorescence spectra of naphthalene and diphenylacetylene mixed crystals. p. 160.
- Belchuk, A. D., Slyvka, V. M., Chapov, D. V. - Optical absorption and photoconductivity of SbSe $_3$ and BiSe $_3$ crystals. p. 162.
- Belchuk, I. A., Chudakov, O. P. - Recovery of the saturation magnetization and electrical resistance of deformed alloys Fe-Ni. p. 164.
- Brody, M. S., Izzyk, P. I., Zakarevskiy, S. V. - Decrease in the effectiveness of the laser radiation of homogeneous semiconductors by using the amplification and Q increase of a resonator. p. 166.

VOПРОСЫ ТЕОРИИ ПЛАЗМЫ [PROBLEMS ON THE THEORY OF PLASMA]. Moscow, no. 5, 1967.

Table of contents translated:

- Solov'ev, L. S., Shashkov, V. D. - Closed magnetic configurations for the confinement of a plasma. p. 3.
- Kadomtsev, B. B., Pogels, O. P. - Turbulent processes in toroidal systems. p. 209.
- Timofeev, A. V., Pishchikov, V. I. - Cyclotron instability of an anisotropic plasma. p. 251.
- D'yachenko, V. F., Lushchik, V. S. - Magnetoacoustic theory of the pinch effect. p. 304.
- Stukhin, D. V. - Energy balance and the possibility of a self-sustaining thermonuclear reaction in mirror trap. p. 439.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI

FIZIKI. Pisma v redaktsiu [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS. Letters to the Editors]. Issued as a supplement to the journal, Moscow, vol. 7, no. 5, May, 1968.

Table of contents translated:

- Lapov, V. N., Prokhorov, A. M. - Possible explanations for the small-sized filaments of self-focusing. p. 153.
- Iezgin, A. K., Fainberg, I. A. H. - Investigation of the possibility of controlling the beam instability by controlling the beam instability with the aid of modulation. p. 156.
- Kyzlasov, I. I., Stanov, V. S. - Intensification of the anti-Stokes and Stokes components of induced Raman-Brillouin scattering following a tetraphoton interaction. p. 160.
- Odenov, S. V., Shukman, V. A. - Alternation of a current in a superconducting ring under the effect of low-frequency magnetic field. p. 163.
- Yakushev, V. V., Rozanov, O. K., Dremel, A. N. - Polarization of CCl $_4$ in reflected shock waves. p. 165.
- Aliev, V. M., and others. - Effect of the volume of detection in n-inSi at the temperature of liquid nitrogen. p. 166.
- Gulberg, H. V. - Dependence of photoconductivity of semiconductors on the polarization of incident radiation. p. 171.
- Karlov, N. V., and others. - Modulation of the Q-factor in a CO $_2$ laser by a transverse filter on a triethylboron base. p. 174.
- Gedalin, L. V., Kandel't, O. V., Mikhlin, S. R. - Mass difference of K $^{3+}$ and K $^{4+}$ ions, the mass of W-meson and the sum rule for spectral functions. p. 178.
- Gol'denskiy, V. I., Batidelfin, F. I., Ivanov, G. K. - Excitation of the Moskauer levels of heavy ions in their deceleration. p. 180.
- Cherkashin, V. A. - Charge asymmetry in K $^{3+}$ and K $^{4+}$ systems. p. 184.

Vol. 7, no. 6, Mar. 1968.

Table of contents translated:

- Chudakov, V. A. - Electric instability in radiative telluride. p. 109.
- Ivanov, A. I., and others. - Diffusion of charged particles through the front of a shock wave in hydrogen. p. 101.
- Klimovskiy, A. I., Solov'ev, O. V. - Absorption of energy of hot electrons by the surface of a superconductor. p. 124.
- Brandt, N. B., German, I. V. - Curves of critical fields of superconducting Sn II modification under pressure up to 270 kbars and in the temperature range 0.1 + 6.21°K. p. 198.
- Bykovskii, H. A., and others. - Photoacoustic effect at hot photoelectrons in quantized magnetic fields. p. 202.
- Izzyk, A. A., Petrash, G. G. - Pulsed superconductivity on the green line of thallium in Tl vapors. p. 201.
- Alshuk-Ozhovskiy, O. P., and others. - Helium in anisotropic spin ordering in hexagonal ferrite with the magnetoplumbite structure. p. 207.
- Gorichev, I. I., and others. - Structure of the cross section of the $^{15}\text{O}(\text{H}, \text{T})$ reaction. p. 215.
- Zemitsov, H. K., Slonkovskiy, S., Starost, V. - Mechanism of relaxation of ion levels in a plasma. p. 212.
- Korol, V. G., Slonovskiy, H. A. - Estimating the density of energy of subatomic rays on the basis of ultraviolet background measurements. p. 215.

ZHURNAL PRIKLADNOI SPEKTROSKOPII [JOURNAL

OF APPLIED SPECTROSCOPY]. Minsk, vol. 2, no. 1, Jan. 1968.

Table of contents translated:

- Harashin, T. V. - Studying the layer-by-layer distribution of elements in nickel alloys. p. 3.
- Zil'bershtein, Kh. I., Legeza, S. S. - Problems of establishing a detection limit in photographic methods of emission spectrum analysis. p. 6.
- Berezin, I. A., Kuznetsov, F. O., Model', I. S. - Measuring the temperature of a plasma of pulse discharges in deuterium according to self-reversed spectral lines. p. 13.
- Guzhinskiy, V. V. - Gas laser with perpendicularly placed windows of the discharge tube. p. 17.

- Arashevich, P. A., Zhivna, G. I., Klapalnik, A. P. - Effect of power in radiation on a two-level system. p. 23.
- Rakovsky, E. K. - Nonsteady-state distribution of population in excitation and radiation absorption power in a pump. p. 32.
- Mikhov, S. A., Rukhlov, A. N. - Study of noise in neodymium glass lasers. p. 42.
- Sandulnikovich, V. A., and others. - Methods of determining internal parameters of lasers on p-n junctions. p. 50.
- Samsun, A. M., Kuznetsov, B. A. - Two-frequency generation in a substance with split metastable level. p. 56.
- Zhigayeva, L. A., and others. - Absorption and luminescence of trivalent samarium in oxide glasses. p. 67.
- Davidenko, N. K., and others. - Luminescence spectra of europium chloride compounds in aqueous methanol solution. p. 74.
- Kozlov, I. M., Skolov, I. K., Hmelko, D. S. - Luminescence spectra of complex compounds of methyl nitrate with heterocyclic amines. p. 80.
- Gladchenko, L. F., Keston, M. A., Piskun, L. G. - Excitation of an excited state of phthalimides in different solvents. p. 87.
- Druka, V. P. - Spectra of the effect of electric fields on the phosphorescence of anthracene in ethyl alcohol. p. 91.
- Ishkova, A. M., and others. - Induced absorption spectra of some titanium compounds. p. 96.
- Vasiliev, A. F., Tullakova, T. F. - Induced spectra of some metal trivalent substituted methylphosphonates. p. 102.
- Silov, P. A., Prudnikova, N. A. - Vibrational spectra and the structure of silicate glasses containing arsenic and antimony oxides. p. 105.
- Mikhov, A. N., Golev, I. N. - Comparison of mean amplitudes of oscillations of some simple molecules. p. 109.
- Kalash, D. G., Mal'nev, A. A. - Automatic analysis of electron-spectroscopic radiation spectra of diatomic molecules on an electronic computer. Part 2. Spectral shape. Separation of branches. p. 113.
- Serdyukov, O. V., Kuznetsov, I. M., Ioffe, B. V. - Absorption spectra of Δ^2 -pyrazolines in a weak electric field. p. 118.
- Chernov, E. P. - Use of the method of induced absorption for studying the products and processes of crystallization of the lithium aluminosilicate glass. p. 122.
- Kestonova, N. A., Tsvetova, T. V. - Absorption spectra of erbium groups with glycine and some complexes. p. 126.
- Khramov, S. V., and others. - Induced absorption spectra of 1,3,4-triphenyl- Δ^2 -pyrazoline in primary and secondary alcohols in plastic scintillators. p. 135.
- Sel'chikov, D. P., Pribludova, B. N., Vukov, S. A. - Algorithm for the calculation of the composition of liquid light filters of mutually complementary colors. p. 140.
- Sinitsin, N. N., Odnokl, V. I., Shubok, G. G. - Mechanism of the radiative recombination of n-p transitions in boron phosphide. p. 144.
- Mikhov, A. N., Sukhodolov, N. K. - Dependence of the radiation coefficient of photographic materials in the various ultraviolet region of a spectrum on the radiation angle of incidence in the emulsion layer. p. 148.
- Vysotskaya, L. I., and others. - Semiquantitative spectrum analysis of impurities in powders according to a single calibration graph. p. 152.
- Vorobeychik, B. I., and others. - Atomic absorption spectrophotometry using light filters in the ultraviolet region. p. 156.
- Il'inskiy, V. V., Zykova, I. S., Kashtan, M. S. - Thermally stable control of the Gurney-Peterson effect. p. 160.
- Teplov, A. S., Mazurenko, M. M. - Diffuse reflection of light from a rough surface. Part 2. p. 161.
- Lebedev, N. P., Podgorodnaya, L. M. - Luminescent properties of benzaldehyde and its trim- and methoxy-substituted. p. 164.
- Karachev, S. M. - Interpretation of the ultraviolet absorption spectrum of β -carotene. p. 168.
- Goncharova, N. N., and others. - Collapsible lamp with hollow cathode. p. 169.
- Ayol'skii, V. M. - Simultaneous multipolar electric arc discharge. p. 173.
- Belantsev, V. B. - Application of molecular spectroscopy in chemical industry. p. 177.
- Ivanova, V. D., Tiganov, I. M., Taginov, K. I. - Optimization of the search of analytical relations in spectral analysis. p. 307.
- Kataev, B. I., Mal'nev, A. A. - Automatic analysis of electron-vibrational and rotational spectra of diatomic molecules on an electronic computer. Part 4. Fourth stage: the calculation of energy and other constants. p. 401.
- Druka, V. P., and others. - Methods of determining 3,4-benzopyrene in complex products with the aid of quasi-line fluorescence spectra. p. 408.
- Bakunov, G. I., Grechikhin, I. I., Minko, L. A. - Spectroscopic analysis of a pulsed plasma jet in the atmospheric pressure and in vacuum. p. 412.
- Dudarev, V. D., Konepov, G. K. - Photoelectric pyrometer for measuring the actual temperatures of tungsten. Part 2. Allowing for the variations of the effective length of the pyrometer wave. p. 416.
- Sychenko, L. V., Grishovskii, V. P., Kravtsov, L. A. - Effect of treating the side surface of rods on the optical pumping of lasers. p. 421.
- Efetski, A. V., Mikhov, L. G., Tyshinski, V. P. - Thermal conditions of the positive column of a gas discharge. p. 425.
- Ivanova, V. D., Ivanov, G. N. - Spectral methods for measuring gas pressure in gas discharge instruments. p. 429.
- Karachev, A. V., Kuznetsov, V. A. - Time-dependent studies of the fluorescence of vapors in the combined excitation method. p. 433.
- Sorokhin, O. M. - Conversion efficiency of photo-luminescence in the 15-90 nm region of spectrum. p. 439.
- Kharachuk, N. K., Ilyashuk, M. A. - Intensity of the absorption bands of Mg^{2+} , Ni^{2+} and CO groups of phthalimide derivatives. p. 443.
- Ishchenko, B. S., Larkin, B. N. - Oscillator model of the FeO^+ group and fluorescence spectra of many compounds. p. 447.
- Tokarev, S. V., and others. - Infrared spectra of Δ^2 -pyrazolines containing heterocyclic radicals. p. 453.
- Karachev, A. I., Kharachuk, B. A., Rasolovskii, V. A. - Infrared absorption spectra and the structure of the anion HNC^{2-} . p. 458.
- Papov, E. M., and others. - Electron-optical parameters and intensities of infrared absorption bands of thiophene and thiophene. p. 463.
- Grybov, N. I., and others. - Use of the induced spectroscopy method in studying graft copolymers of cellulose acetates with polymethacrylic acid and their derivatives. p. 469.
- Noskov, A. M., Noskov, Z. I. - Association phenomena in indene monomers and its modified by phenyl. p. 474.
- Egorov, V. N., Tontak, L. N., Chernikov, E. M. - Determining the electron transition moment of the first positive system of nitrogen N_2^+ bands. p. 479.
- Kharachuk, B. I., Kurshakov, R. I. - Determining the absorption coefficient by reflectance passage. p. 489.
- Sadov, V. V., Tsvetov, S. D. - Scattering of the electromagnetic field. p. 493.
- Pulvinsk, O. I., Ivanovskii, A. A. - Use of a laser for increasing the utilization of a substance in spectral analysis. p. 500.
- Korotkov, N. E., Polmenov, A. V. - Ruby laser generating one mode. p. 503.
- Kuznetsov, L. S., Shukharenko, M. V. - Possibility of the luminescence of water vapors in the atmosphere under the action of laser radiation. p. 505.
- Ishchenko, B. S., Kuznetsov, M. A. - Spectral analysis of multicomponent systems. p. 507.
- Ishchenko, B. S., and others. - Luminescence of bacteriophages. p. 509.
- Salykov, B. S. - Position of the maximum in the radiation spectrum of metals and its effect on temperature measurement. p. 511.
- Minko, B. B., and others. - Polarizers for lasers with electrooptic shutters. p. 513.
- L'vov, B. V. - Possibility of the utilization of graphite container in atomic absorption spectroscopy. p. 517.
- V. K. Prizorov, on his seventieth anniversary. p. 520.
- Zil'berstein, Kh. I. - Additional remarks to the article "Establishing the detection limit in photographic methods of the spectral analysis." p. 531.
- Nikolova, E. F. - Microspectral study of films in alloys and minerals. p. 574.
- Kubisev, G. I., Kuznetsov, N. B. - Quantitative spectral analysis of the substances of arbitrary composition. Part 2. p. 579.
- Akhmetov, M. V., Kalgorodov, V. A., Kartakin, A. V. - Studying the evaporation of a substance and the development of a plasma in the case of the laser radiation on various materials. p. 584.
- Davidenko, N. K., Vukovich, A. P., Krasovskii, A. N. - Use of a laser with selective losses for obtaining single-frequency generation. p. 588.
- Mikhov, S. A. - Internal modulation of the generating flux in neodymium lasers with plane mirrors. p. 593.
- Dondarenko, N. G., Ermlina, I. V. - Experimental study of the irregularity of distribution of the amplification coefficient in a working laser rod. p. 599.
- Goncharova, N. A. - Theory of anisotropic resonators. p. 604.
- Arashev, P. A., Keston, E. F., Samsun, L. I. - Possibility of optic cooling. p. 610.
- Vershagin, V. G., Kuznetsov, N. A. - Study of the induced dispersion filters. p. 612.
- Darydov, V. S., Pustovoi, V. G. - Determining the three constants of radiation detectors by transitions in the active amplifier. p. 618.
- Darydov, V. S., Pustovoi, V. G. - Use of the induced spectroscopy method in studying the surface structure of glasslike and crystal silicates of sodium exposed to etching. p. 624.
- Kharachuk, B. I., Sukhodolov, M. I. - Optical properties of a finely divided layer of zinc oxide. p. 623.
- Ishchenko, B. S., and others. - Effect of the protein component on the luminescence characteristics of deoxyribonucleoproteins. p. 634.
- Zholkevich, G. A., and others. - Characteristics of the electroluminescence of sublimated layers of $\text{ZnSe}(\text{Cu}, \text{I}, \text{Cl})$. p. 638.
- Vukovich, A. P., Kuznetsov, A. I., Pustovoi, M. I. - Polarization and spectrum of the luminescence of tetramethylammonium bromide crystals. p. 643.
- Ishchenko, B. S. - Some applications of the algebra of logic in spectrochemical studies. Part 2. p. 618.
- Tarulin, L. I. - Absorption bands of CH_2 groups in the spectra of copolymers containing fluorine atoms. p. 653.
- Mareyev, R., Kalonov, I. A., Kuznetsov, G. I. - Infrared spectra of dehydrogenated polyvinyl alcohol. p. 657.
- Petrov, K. I., and others. - Infrared absorption spectra and Raman scattering spectra of tetrahydrides of the perhalides of rare earth elements of lanthanum and yttrium. p. 660.
- Lisitsa, M. P., Kharachuk, N. P. - Darydov's splitting of vibrational absorption spectra in solid solutions. p. 667.
- Gil'perin, G. M., and others. - Spectroscopic determination of carbonyl and thiocarbonyl groups in modified polyvinyl pyrrolidone. p. 671.
- Vasiliev, A. F., Tullakova, T. F. - Reference to bands in the region of stretching ν -S vibrations in the spectra of amides of thiophosphoric acid. p. 676.
- Kapovskii, L. N., Musatova, G. S. - Use of the laser spark for obtaining absorption spectra. p. 681.
- Nikolova, E. F., Kuznetsov, A. E. - Effect of reduced pressure of various gas media on the intensity of iron lines in arc discharges and spark discharges. p. 684.
- Vukovich, A. P. - Selection of optimum parameters of the resonator of a single frequency gas laser. p. 687.
- Dondarenko, N. G., Kuznetsov, E. M., Rylov, E. V. - Use of the infrared spectroscopy method in measuring the rate of isotope exchange of hydrogen between the alcohol and mercaptan molecules. p. 690.
- Shahin, I. I., Klev, E. A. - Energy of hydrogen bond of enol hydroperoxide with some acceptors of protons. p. 693.
- Shchekuchikhin, I. M., and others. - High-temperature bulbs for studying infrared spectra of solids and adsorbed molecules. p. 698.
- Mikhov, S. A., and others. - Apparatus for fluorometric determination of ceruloplasmin and other biogenic amines. p. 700.

Vol. 6, no. 3, Apr. 1968.

Table of contents translated:

- Borisov, N. A., Neporent, B. S. - Luminescence of molecules in the gas phase. p. 377.
- Zhevanov, N. D. - Studying the luminescence of molecular crystals. p. 383.
- Kubisev, N. B., Kibisov, G. I. - Quantitative spectral analysis of the substances of arbitrary composition. Part 1: Elimination of effects of gross composition of materials on the excitation of element spectra. p. 389.
- Mikhov, S. A., Ilyashuk, N. K. - Entering of the substance into the output arc discharge in the medium of helium and air. p. 394.

Vol. 6, no. 4, Apr. 1968.

Table of contents translated:

- Klement, F. D., Lushchik, Ch. B. - Luminescence of ionic crystals. p. 545.
- Krasovskii, B. M., Cherkasov, A. S. - Research of organic luminescence and luminescent materials, and the structure and luminescence of organic substances. p. 553.
- Zhiginskii, A. G., Kibisov, T. N. - Studying the formation mechanism of the gas temperature of a discharge in cooled hollow cathode. p. 582.
- Rukhlov, N. K., and others. - Spectral determination of bismuth, aluminum, and boron in white cast iron with the utilization of the discharge in a hollow cathode. p. 571.

Vol. 6, no. 5, Apr. 1968.

Table of contents translated:

- Arlov, A. V., Maslakov, I. S. - Studying the generation of induced radiation on the solutions of europium benzoylacetate. p. 717.
- Aleksandrov, V. I., Kuznetsov, A. E., Ushakov, P. I. - Threshold conditions of a laser pumping by black-body radiation. p. 723.
- Buzhinskii, I. M., Mamontov, S. K. - Deterioration of the parameters of neodymium glasses in operation. p. 731.
- Barakov, V. S., Naumov, P. A., Ivanov, V. P. - Measuring the plasma absorption coefficient by means of a laser. p. 738.

Gevoorkan, V. A., and others. - Dependence of the width and duration of H-lines of ruby luminescence on chromium concentration. p. 742.

Tolstachev, V. A. - Super radiative transitions in argon and krypton. p. 746.

Bellaev, L. M. - Luminescence of LiF crystals under the action of laser radiation. p. 750.

Romanov, G. S., Seleznev, K. L. - Screening the metal surface by the products of its destruction by laser radiation currents of small density. p. 753.

Konukhovich, V. K., Matrasov, I. V. - Application of Fabry and Perot interferometer for measuring small absorption coefficients in gases. p. 764.

Phibbs, M. L., Jankovskii, A. A. - Mechanism of the effect of alkali elements and halogens on the etching of the substrate of metals and alloys into an arc discharge plasma. p. 765.

Dom'lanichuk, A. S., Grishin, I. A., Skrimba, T. A. - Effect of the structure on spectral analysis of copper-silver alloys. p. 773.

Savel'eva, L. F., Khil'son, G. I. - Quantitative spectral analysis of the substances of arbitrary composition. Part 3: Determination of alkaline elements by moving fine dispersed matter in electric discharges. p. 777.

Sakharov, K. A., Molodtsova, K. A. - Determining the impurities of lead, tin, antimony, and arsenic in nickel alloys and steels. p. 782.

Leshin, L. V., Akhmedova, D. M. - Effect of the nature of binary solvents on the association of the molecules of dyes. p. 788.

Timbaga, M. I., Galan, V. B. - Characteristics of CaWO₄ luminescent cathodoluminescence in the hydrogen chloride flow. p. 796.

Gravitskiy, S. G., Nikol'skii, L. S., Zhuravskiy, A. F. - Recombination radiation and thermalization of electrons in the field of O II and N II ions. p. 803.

Slyozov, V. V., Sokolov, V. A. - Some characteristics of radical recombination luminescence of phosphorus based on ZnO and ZnS. p. 807.

Korovin, G. A., and others. - Structure of ethylene, propylene, and 1,1-difluoroethylene copolymers. p. 813.

Ivanov, A. P., Buzin, B. D. - Polarization properties of light scattered by uneven surfaces. Part I: Degree of polarization. p. 816.

Sil'manov, T. E., Melnik, M. S. - Method of induced spectroscopy for studying Q₁₄ grouping in mica. p. 821.

Mamalikov, G. Z., Lagachev, M. R. - Integral intensities of infrared bands of the stretching vibrations of the aromatic ring in the 1620 - 1480 cm⁻¹ region. p. 825.

Morozov, V. M. - Vibrational spectra of glasses of the system PbO - GeO₂. p. 830.

Feenko, E. E., Hoshchupkin, D. I. - Formation of triplet states and solvated electrons in the pulsed ultraviolet irradiation of frozen solutions of tryptophan and tyrosine. p. 831.

Volod'ko, N. A., Mitrova, I. R. - Measuring the radiation coefficient of some materials heated up to 100° C. p. 840.

Ivachin, V. B., and others. - Integral photometer for studying the absorption of the suspensions of viruses. p. 844.

Dutka, K. B. - Studying the change in action plasmas heated in the temperature range of 546 - 860° C. p. 851.

Perisev, A. N., Ruzhin, V. A. - Effect of a change in spectral sensitivity of the photomultiplier due to variations in potential. p. 855.

Akhmedova, M. V., Kalugorodov, V. A., Kartalikh, A. V. - Use of the infrared spectroscopy method in studying condensed plasma products produced by a laser. p. 858.

Antropov, E. T., Silin-Bekasova, L. A. - Modulation of the Q-factor of the resonator of a CO₂ laser. p. 861.

Gurban', I. S., Korotichuk, G. I. - Change of the refractive index of ruby during pumping. p. 864.

Pukhtele, A. I., and others. - Studying the efficiency of filtration of hyperthermic components of the main doublet of rubidium 87. p. 867.

Vinogradov, I. A., Shcheglov, T. A. - Electromechanical systems based on EPF-GC device for measuring the relations of two continuous signals. p. 870.

Chukin, G. D., Ignat'eva, I. A. - Use of the method of infrared spectroscopy in studying active centers of silica gel. Part I. p. 872.

Proleskovskii, I. A., Akulovichi, V. M., Pavlichenko, M. M. - Selection of a spectroscopic buffer in relation with the feasibility diagram. p. 877.

Subramo, M. A., Rohinson, E. A., Ufimtsov, T. K. - Electroabsorption spectra of certain aromatic oxygen compounds. p. 880.

Grigor'eva, V. I., and others. - Plastic semiconductors based on styrene copolymers with vinyl derivatives of 2,6-diaryloxazoles and 2,5-nitrophenyl-1,3,4-oxadiazole. p. 884.

Volod'ko, I. V., Komak, A. I., Stnikov, V. M. - Attachment to monochromators for photoelectric registration of the absorption spectra. p. 888.

14. MEDICINE

a. GENERAL

AKADEMIYA MEDITSINSKIKH NAUK SSSR, Moscow, Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 23, no. 6, 1968.

Table of contents translated: Timofeevskii, A. D. - Role of viruses in the origination of tumors. p. 3.

Shalad, L. M., Klesina, A. I., Khil'mov, S. S. - Carcinogenic carcinohydrates in the exhaust gases of car engines and the possibilities of their elimination. p. 12.

Krasovskii, M. A., Rukhlin, N. T., Probalova, N. A. - Histocytological methods in differential diagnosis of benign and malignant tumors in man. p. 20.

Potova, A. S., and others. - Cytological methods of diagnosing malignant neoplasms. p. 27.

Petersen, B. E., and others. - Significance of the evaluation of the functional state in the treatment of oncological patients. p. 31.

Rybkova, M. L., Pachka, A. I., Fuzailov, I. E. - Diagnosis of malignant tumors of the parotid gland by sialography. p. 42.

Clavice, V. L. - Diagnosis of extramammary endometrioid tumors. p. 44.

Bukhagin, A. I., and others. - Prospects of using Cs¹³⁷ in telecuria therapy of oncological patients. p. 49.

Noskova, I. A., Savitskaya, V. F. - Chemotherapy in chorionepithelioma of the uterus. p. 53.

Korotkova, T. V. - Evaluation of the effectiveness of radiotherapy in cancer of the cervix uteri by fluoroscopic microscopy method. p. 57.

Lichtner, M. R., and others. - Role of the study of calcium in the serum and urine in myelomatosis during the treatment with chlorophyllin. p. 60.

Gasparyan, S. A., Alkhov, A. T., Ilyin, A. B. - Distribution of 5-fluorouracil-2C¹⁴ following its regional introduction into gastric arteries; experimental study. p. 64.

Fal'kov, I. V., Phipps, R. M., Potokov, B. I. - Heterogeneous cerebral tumors. p. 66.

Alekseev, S. I. - Skin cancer originating in region formerly exposed to radiation effect. p. 76.

Atanasiu, L. A., and others. - Metastatic tumors of the lungs, clinical aspects, diagnosis, surgical and medical treatment. p. 82.

Uspenskiy, T. A. - Scientific conference dedicated to experimental and clinical studies of new anticancer antibiotics: rubomycin, olivomycin and bromomycin. p. 91.

Ignatov, I. D. - Effect of the stimulation of various portions of the brainstem on the reflex activity of a group of extensor motoneurons of the spinal cord. p. 3.

Neslaze, V. M., Hitzhanshev, R. S., Kevanishvili, Z. Sh. - Role of the corpus callosum in the transmission of strychnine stimulation from the cortex of one hemisphere into the other. p. 7.

Bel'dikova, M. G. - Recovery cycle of potentials of the regenerating reaction in the cerebral cortex of the white Enys obolochka. p. 11.

Surgeev, Z. N., Frankishova, S. I. - Electrotonic potentials of the primary terminals of the nervus vagus and the Hering-Breuer inhibitory reflex. p. 15.

Benat, N. N., Leonuk, G. P. - Characteristics of the regulation of cerebral blood circulation in kittens. p. 18.

Antanova, G. A. - Changes in the arterial pressure in dogs during ontogeny. p. 21.

Velichko, A. G., Shekhter, S. I. - Origin of erythropoietic inhibiting factor in nephritis following descent. p. 24.

Askhadzi, I. A. - Effect of intact erythrocytes on the thromboplastic activity of the plasma. p. 27.

Gopulak, P. A., Olvin, V. I. - Effect of bradykinin and histamine on capillary permeability. p. 31.

Kozlov, V. D. - Tonus of arterial vessels in prolonged hypoxia induced by hemorrhage. p. 34.

Korbatina, I. K., Nedoshivina, R. V. - Role of auto-intoxication in the genesis of hepatorenal insufficiency in thermal burns. p. 38.

Pionkovskii, I. A., Goldberg, M. B. - Experience in the antiradiation protection of the central nervous system in antennal transection in rats. p. 41.

Murav'eva, L. I. - Effect of external vaccination on the radiation resistance in mice. p. 44.

Kolesnikov, I. H., Proskovskiy, V. A. - Intestinal secretory and enzymatic activity of the intestinal juice in the blood in dogs following resection of the small intestine. p. 47.

Kondratyev, G. P., Poliak, R. A. - Functional of the gallbladder in Salmonella bacilli carrier. p. 49.

Kurlov, L. M., Khananov, R. M. - Cold reactivity of the skin in patients with chronic gonorrhea. p. 51.

Surovtsova, Z. F. - Permeability of the placental barrier to hemolytic Staphylococcus and tryptone. p. 53.

Sidorov, V. I., Kharlampovich, S. I. - Effect of acetylcholine on the course of rat disease by Freund-type adjuvant. p. 56.

Pokrovskii, A. A., and others. - Activity of blood plasma enzymes in rats in different types of lesions of the liver. p. 60.

Bogdanov, N. G. - Dynamics of urinary excretion of 5-hydroxyindole-3-acetic acid during the treatment of primary and secondary K. avianitis. p. 64.

Filipov, S. P., Zakharov, S. V. - Effect of alcohol on the level of nucleic acids in cerebral tissue. p. 66.

Egorova, G. M. - Characteristics of placental permeability to different doses of B₁₂ at various periods. p. 68.

Avakian, O. M., Kalitrikian, A. A. - Effect of trimethylammonium iodide and trimethylammonium chloride on postganglionic sympathetic nervous system. p. 71.

Prizovskii, V. B., Kashtanova, Z. A. - Compounds of M- and N-cholinergic inhibitory activity of picro and eserine. p. 74.

Zagladskaya, R. M. - Effect of hexamethylenetetramine on peripheral and bronchial tumors. p. 76.

Tregubov, S. M. - Effect of substances specifically depressing the acetylcholine synthesis on the pharmacological cholinergic agents. p. 81.

Potomina, A. I. - Synthesis of guanidine as a function of pargyline in neuromuscular system. p. 82.

Romashenkov, F. A., Gershleim, L. M. - Distribution and concentration of nucleic acids and proteins of the structural elements of the retina in rabbits following administration of amniotomycin. p. 87.

Golitsyn, Kh. L., Rajnov, O. R., Manalova, V. I. - Effect of apolipoprotein on the dynamics of anti-inflammation. p. 88.

Shamirova, S. A., Tyuleva, Z. A. - Sensitivity in different types of tissue cultures to the effect of Clostridium ordalii on human cells. p. 91.

Gulin, G. O., Pospelova, N. A., Vlasova, V. S. - Diurnal rhythm of RNA synthesis in surviving animals. p. 91.

Khusain, H. P. - Diurnal rhythm of the pulsed thymic lymphocytes in chicks. p. 97.

Verzhbitskaya, N. I. - Regeneration of the gastric tissue of the stomach under various experimental conditions. p. 100.

Kurdavandze, I. L. - Effect of innovative doses of the uterus in pregnant rats in the valor of their fetuses under the effect of hypoxia and myelomycin. p. 102.

Sidorov, V. F. - Postnatal development of the white rats. p. 105.

Tikhonova, G. A. - Ontogenic determinability of reaction of the hormonal gland to irradiation. p. 109.

Azavskii, R. A. - Activity of succinylcholinesterase and alkaline phosphatase in experimental endocrinopathies. p. 114.

Karmysheva, V. I., Avgustinovitch, G. I., Chumakov, M. P. - Changes in the lung cell culture of green monkey under the effect of intravital virus. p. 118.

Ashur'ev, V. M., Nazarov, V. A. - Compound of electroencephalographic data by means of multiple analyzer and electronic computer (method of half-wave analysis). p. 123.

Chernikov, V. I., and others. - Mathematical analysis of EEG by means of analog computer M-127. p. 127.

Vokhotinikov, G. V. - Analysis of some metabolic processes of determining free ribonucleic acid in animal tissue. p. 129.

Nazarov, I. A., Komilova, A. G. - Universal standard for the fixation of fish. p. 131.

IRKUTSK, IRKUTSK GOSUDARSTVENNYI PROIZVODSTVENNYI INSTITUT SIBIRI I DAL'NEGO VOZROJZENIYA [IRKUTSK STATE ANTIPLAGUE INSTITUTE OF SIBERIA AND THE FAR EAST. Bulletin]. Vol. 25, 1963.

Table of contents translated: Kravinskii, V. A. - D. K. Zabolotny's discovery of natural foci of plague. p. 5.

Fedorov, V. N. - D. K. Zabolotny's theory on the protozoan knowledge on its nature for Shchekunova, Z. I., Doinin, K. P., Doinina, G. Epizootiology of plague in Ochotskine of W. Mongolia. p. 17.

Shamirova, A. M. - Characteristics of plague pathogens isolated in Gorno-Altai Autonomous Republic in 1961. p. 25.

- Klets, E. I., and others. - Susceptibility of some species of steppe rodents to artificial infection with plague microbe strains of weak virulence isolated in Transbaikalia. p. 34.
- Singar, L. A. - Susceptibility of some species of rodents in the northwest of the Mongolian People's Republic to experimental plague in the fall period. p. 47.
- Trifonova, L. A. - Effect of dry chick yolk on the sensitivity of white mice to infection with plague. p. 52.
- Kletnov, G. I. - Classification of tularemia foci in Altai and their landscape-related epidemiological aspects. p. 53.
- Katafina, A. K., and others. - Epidemiological characteristics of tularemia in the foothills of Altai. p. 72.
- Trifonov, I. P., Gorbacheva, L. A. - Some epidemiological data of a tularemia focus in the foothills of the Altai. p. 78.
- Ushakov, A. F., Dzhakoria, O. S., Vylunov, G. P. - Brucellosis in dogs under natural conditions. p. 83.
- Yabluko, Z. I., Garandina, I. P., Duras, T. I. - Epidemiology and phylomyology of anthrax in the Maritime Territory. p. 89.
- Dominadskii, I. V., Rykova, V. I., Tkachenko, V. V. - Leishman activity of plague and tularemia bacilli. p. 96.
- Vasil'eva, Z. I., Dominadskii, I. V. - Effect of the plague bacillus toxin on the metabolism of pyruvic acid. p. 101.
- Vasil'eva, Z. I., Dominadskii, I. V. - Effect of vitamin B₁ on the metabolism of pyruvic acid before and following the introduction of toxin of the plague bacillus. p. 103.
- Krapchenko, V. N. - Effect of plague bacillus toxin on the activity of respiratory enzymes. p. 109.
- Klimova, I. M. - Effect of plague bacillus toxin on the alkalase activity of the liver and blood serum in animals. p. 116.
- Tkachenko, V. V., Krutova, V. A. - Hemolytic properties of dried plague bacilli. p. 120.
- Tkachenko, V. V., Dominadskii, I. V. - Hemolytic properties of the plague bacillus lysate. p. 129.
- Tkachenko, V. V. - Comparative study of hemolytic properties of some bacilli. p. 135.
- Kerzhakov, G. G. - Effect of phenylhydrazine anion on white mice on their sensitivity to plague infection. p. 141.
- Kerzhakov, G. G. - Effect of the function of the thyroid gland on the sensitivity of white mice to plague infection. p. 148.
- Derezh, G. I. - Changes in the phagocytic activity of leucocytes during the process of immunogenesis in antiplague vaccination. p. 151.
- Kolesnik, V. S., Puhlin, A. P. - Characteristics of the pathogenic properties of the brucellus pathogen in cattle. Report No. 1. p. 150.
- Nekrasov, N. V. - Structure of the groupings of mammals in the basic landscape of the Asiatic part of the U.S.S.R. and Mongolia. p. 189.
- Ol'khova, N. V. - Some ecologic and physiological characteristics of the long-tailed sika. p. 205.
- Peshkov, B. I. - Biologic and morphological of water rats in the Lena River flood plain. p. 215.
- Tarasov, N. S., Dolovik, I. M., Feoforov, V. M. - Intensity of the migration of *Marmota sibirica* from Mongolia to Transbaikalia. p. 220.
- Ilibay, D. I., Trukhachov, N. M., Isakulov, K. I. - Hibernation of gray marmots under experimental conditions. p. 223.
- Sarzhinskii, V. A. - Zoological studies in the plague focus of the Altai Mountains. p. 232.
- Kir'yanov, G. I. - Influence of minks on the tularemia foci in the Altai Territory. p. 236.
- Ochirov, I. D., Bonchukov, A. S. - Rodents in populated places of Vilnius-Olkina mountainous region. p. 243.
- Devizkina, M. S. - Seasonal distribution and numbers of mammals in the vicinity of Tikhonovo Bay. p. 248.
- Kraninskii, V. A. - History and geography of plague in China. p. 254.
- Ljanev, V. M. - New data on the distribution of rodents in northeast Mongolia. p. 273.
- Letov, G. S., Emel'janov, N. K., Letova, G. I. - Materials on the distribution and ecology of gophers in Tuva and the adjacent part of Mongolia. p. 281.
- Garbuzov, M. A., Ljanev, V. M. - Materials on rodents of the Kanchalka Peninsula. p. 286.
- Fertility of *Innula cricoides* *barbana* in the Maritime Territory (Far East). p. 290.
- Sarzhinskii, V. A. - Mammals and birds of the Chikoy River flood plain. p. 301.
- Anisimov, I. K. - Remarks on rodents of Sovetskaya Gavan' District of Khabarovsk Territory. p. 304.
- Zhilyi, I. F. - History of studies on fleas of Siberia and the Far East. p. 309.
- Letova, G. I., Emel'janov, N. D., Letov, G. S. - Materials for studies on ectoparasites of the rodents of Tuva. Report No. 1: Fleas. p. 331.
- Letova, G. I., Emel'janov, N. D., Letov, G. S. - Ectoparasites of *musculine* rodents of Tuva. Report No. 1: Ectoparasites of *Arvicola terrestris* L. p. 332.
- Emel'janov, N. D., Letova, G. I. - Description of *Amphipsylla gorman* sp. nova (Siphonura). p. 360.
- Zarubina, V. N. - Materials on biology and ecology of lice of the suik *Citellus dauricus*. p. 363.
- Mikheev, D. M. - Experience in the extermination and breeding of marmots in the border strip of Gorno-Altai Autonomous Province. p. 369.
- Khataganyan, S. A. - Experience in the extermination of *Ochodactylus*. p. 376.
- Garbuzov, M. A. - Testing of potassium baths in control of muscelike rodents in Khabarovsk Territory. p. 384.
- Dominadskii, I. V., and others. - Decarboxylation of histidine of *Escherichia coli* with extracts from golden pig kidneys in the presence of plague bacillus toxin. p. 391.

KARDIOLOGIJA | CARDIOLOGY I. Issued by Ministerstvo zdravookhraneniya SSSR (Ministry of Health of the U.S.S.R.). Moscow, vol. 8, no. 1, Jan. 1968.

Table of contents translated:

- Lakomskii, P. E., Gratsinskii, N. A. - Shock to myocardial infarct. p. 3.
- Kashchevskii, R. P., Gritsen, V. E. - Acoustic symptomatology of cardiac aneurysm. p. 12.
- Sachkov, V. V. - Hypertensive reaction to angiotensin II. p. 16.
- Mahrov, I. U. M. - State of the autotranslation system of the blood in major pericardial and myocardial infarct. p. 24.
- Berkhina, G. P., Komarova, I. N. - Hydrocortisone, mineralocorticoid fatty acids and the myocardial system of the blood in acute myocardial infarct. p. 31.
- Khil'kina, T. A., Tsvetkovskii, O. E., Titova, B. I. - Changes in blood coagulability in experimental cholesterolemia in dogs and rabbits. p. 37.
- Alexeev, I. U. S., Nikolaeva, L. V. - Glucose tolerance in the subacute period of myocardial infarct. p. 41.
- Kovryeva, S. A., Puhina, S. S. - Clinical aspects of infarctal myocardial infarct. p. 45.
- Karlov, S. B., Gerasimov, M. E. - Changes in the pathobiochemical level in myocardial infarct. p. 51.
- Arden-Ardennovskii, I. M., Kozlov, L. N., Shalashina, I. P. - Comparative evaluation of immunological reactions in different thrombotic and atherosclerotic. p. 55.
- Korotkiy, I. M. - Prolonged hepatoid treatment of coronary atherosclerosis. p. 58.
- Baranova, L. V. - Effect of vitamin B₁₂ on blood lipids in patients with hyperlipidemia. p. 62.
- Sumarin, P. I. - Combination of cardiac hemodynamic defects with atherosclerotic process. p. 66.
- Rozdil, N. D. - Rate of pulse wave distribution in atherosclerosis. p. 70.
- Korotkiy, D. A., Orlanov, I. K. - Plastic surgery on the infarctal region using autopericardium. p. 76.
- Kushnir, E. I., Kachina, N. M., Khokhlova, L. R. - X-ray study of late results of surgical treatment of interventricular septal defects. p. 83.
- Avekov, M. K., Shorgina, A. M. - Significance of the volume of pulse pressure and peripheral vascular phenomena in the detection of patent ductus arteriosus complicated with pulmonary hypertension. p. 88.
- Vitalovich, M. G. - Dynamics of the systole in atherosclerosis. p. 93.
- Ivanovskii, L. V. - Effect of infarct on the cellular activity of specialized cardiac tissue. p. 98.
- Alexeev, G. K. - Observations on the treatment of some cardiac arrhythmias with presently methods. p. 102.
- Vatman, V. A. - Methodology of administering small amounts of atropine by intravenous drip infusion. p. 108.
- Kapell'ov, V. I., and others. - Systolic function of cardiac ventricles during adaptation to altitude hypoxia. p. 111.
- Iul'ko, L. A. - Hemodynamics of the heart in orthostatic effects. p. 116.
- Lyskii, G. I. - Electro- and vectorcardiographic changes in rheumatism during treatment with corticosteroids; experimental study. p. 126.
- Lyskii, G. I. - Preservation of the heart under conditions of hyperbaric oxygenation and hypothermia; experimental study. p. 126.
- Pavlov, D. K. - Muscular tonus (the third factor of blood circulation) in the acute period of myocardial infarct. p. 131.
- Abdullayev, R. A., Khamidova, M. Kh., Borshchevskaya, L. M. - Clinical aspects of the postinfarction syndrome. p. 133.
- Gol'tensvskii, I. A., Soboleva, T. V. - Atypical forms of the postinfarction syndrome. p. 134.
- Nekrasov, I. U. E., Karlov, V. A. - Aortic-dextro-ventricular fistula in combination with bicuspid valve of the aorta. p. 136.
- Molisev, S. G., Borisenko, A. P. - Closed injury of the heart. p. 138.
- Il'inski, B. V. - L. V. Sobolev's role in the elaboration of the atherosclerosis problem. p. 147.
- Khatagin, V. M. - International symposium "Blood circulation in the skeletal muscle." p. 150.
- Boris Vlashevovich Il'inski, on his 70th birthday. p. 164.

Vol. 8, no. 4, Apr. 1968.

Table of contents translated:

- Teodor, M. I. - The so-called myocardopathies. p. 3.

- Il'inski, B. V., Borisenko, A. P., Kozlovskii, M. K. - Genetics of atherosclerosis. p. 15.
- Gavrilin, I. E., Garandina, V. A., Stetsyn, T. A. - Analysis of the causes of fatal complications in acute myocardial infarct. p. 20.
- Khafizov, E. Sh., Khatagin, V. M. - Immunological changes in patients with myocardial infarct. p. 26.
- Baranova, L. V. - Triglycerides and other blood lipids in patients with coronary atherosclerosis. p. 31.
- Maslov, L. A., and others. - Results of clinical-experimental study of gallium in the treatment of chronic coronary insufficiency. p. 34.
- Gavrilin, N. A., Gorkun, M. A. - Treatment of acute myocardial infarct with a polarizing mixture. p. 37.
- Kashchevskii, R. P., Kozlovskii, M. K., Sachkov, V. V. - Some features of myocardial infarct metabolism in experimental cerebrovascular hypertension. p. 40.
- Sorokin, I. I. M. - Hemoglobin synthesis in experimental atherosclerosis. p. 44.
- Trifonov, G. P. - Cholesterol level in blood serum and excretion of bile acids in rabbits depending on the degree and duration of functional stress of the nervous system. p. 48.
- Pashkov, B. T., and others. - Study of hemodynamics of the lesser circulation by means of basic and differential rheography in patients with chronic nonspecific diseases of the lungs. p. 55.
- Stepanov, I. P., Mikhaylov, I. I., Firkovitch, E. P. - Plasma haemolysis in children with congenital cardiac defects. p. 59.
- Kozlovskii, G. P. - Atrial cardiogram in healthy persons and in patients with mild heart defect. p. 64.
- Melik-Pashayev, A. M., Khamidov, Z. Kh. - X-ray signs in mitral stenosis with tricuspid insufficiency; a statistical analysis. p. 70.
- Kozlov, M. A., and others. - Use of marfanin in upper heart isoperfusion under hypothermic perfusion. p. 78.
- Kovaleva, R. A., Gorkun, S. S., Vutskii, F. D. - Neurological manifestations of the Morgagni-Adams-Stokes syndrome. p. 82.
- Semenov, I. A., Martynov, R. A., Tsvetkovskii, O. E. - Morphological manifestations in experimental fibrillation of the auricular ventricle. p. 89.
- Tsvetkovskii, O. E., Titova, B. I. - Selection of the optimal size and localization of an aneurysmal electrodes of the delta filter. p. 91.
- Rozdil, N. D., Fed'ko, B. N., Katskova, M. E. - Study of heart excitation cycle in natural cardiac rhythm. p. 98.
- Ardenchukov, V. G., Ardenchukov, G. G. - Effect of nongrains on the regulating properties of arterial blood in patients with hypertension in abdominal aortic aneurysm. p. 105.
- Nar'kov, K. F., and others. - Effect of solar activity on the excitation of myocardial infarct and mortality caused by this disease. p. 109.
- Alyusov, E. N. - Effect of sex, age and way of life of patients on the characteristics of the course of atherosclerotic cardiovascular disease. p. 112.
- Mikhailov, D. A., Asakhsina, A. A., Zhelezovskii, I. M. - Indirect signs of pulmonary arterial hypertension. p. 116.
- Korotkiy, D. A. - Dynamic vectorcardiographic observations in hypertension. p. 120.
- Sakharov, A. O. - Acute myocardial infarct in drug intoxication. p. 126.
- Gavrilin, I. A. - Functional significance of various changes in the myocardium in progressing atherosclerosis. p. 130.
- Tsvetkovskii, G. M., Titova, B. I. - Course and outcome of myocardial infarct complicated by cardiogenic shock. p. 133.
- Pavlov, D. K., and others. - Atherosclerosis and atherosclerosis. A. I. Akhmetzhanov, M. I. Iuz, S. I. A. - Effect of ultraviolet irradiation on the phenomenon of cholesterol and in coronary atherosclerosis. p. 137.
- Kozlov, D. A., and others. - Effect of cold on the development of alimentary hypercholesterolemia and other atherosclerosis in rabbits. p. 140.
- Choykii, L. P., and others. - Effect of atropine, corbairin and cymeline on the cardiovascular system in patients with blood circulation insufficiency following surgery on the heart. p. 143.
- Chumakov, A. A. - Thrombosis and atherosclerosis. Compendium V. F. Zaitsev and V. G. Arsenchenko's article "Significance of thrombus formation in the pathogenesis of atherosclerosis"; a review of the literature. p. 145.
- Oleinik, S. F., Zubova, R. F. - On our theoretical position; a reply to Professor B. V. Il'inski. p. 149.

KAZAN. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [STATE MEDICAL INSTITUTE. Transactions]. Vol. 21, 1968. Problems of clinical psychiatry; Transactions of Kazan Medical Institute dedicated to the centenary of the Department of Psychiatry.

Table of contents translated:

- Andreev, V. P., Dolobovskii, I. S. - One hundred years of the Kazan Department of Psychiatry. p. 6.
- Andreev, V. P. - Scientific, pedagogical, medical, and civic activity of M. P. Andreev. p. 38.
- Andreev, M. P. - Classification of mental diseases. p. 47.

- Andreev, V. P. - Characteristics of the development and course of some encephalitic and traumatic psychoses with scleriform symptomatology. p. 60.
- Esselrich, S. A. - Schizophrenia in adolescents. p. 71.
- Mgashskaya, E. N. - A variation of presenile psychosis; late paraphrenia. p. 77.
- Mendelevich, D. M. - Evolutional psychoses with scleriform symptomatology and late schizophrenia. p. 83.
- Zubotova, G. O. - Stankovich, E. S. - Comparative electroencephalographic data on patients with epilepsy and schizophrenia. p. 162.
- Styger, I. D. - Causes of death in epilepsy and some deliberations on its etiology. p. 162.
- Mendelevich, D. M. - Characteristics of the course of reactive psychoses in the involutional period. p. 122.
- Grafchin, A. U. - Study of speech in oligophrenia. Report No. 1. p. 112.
- Vaisel', V. Ia. - Delirious forms of alcoholic psychoses. p. 116.
- Andreev, V. P., Bolotovskii, I. S. - The Kazan period of Professor N. M. Pospelov's work. p. 156.
- Andreev, M. P., Mendelevich, D. M. - Classification of verbal responses in associative experiment. p. 165.
- Bolotovskii, I. S. - Methodology of associative experiment with the use of the amygdalocaine test. p. 163.
- Mordecov, A. H. - Characteristics of gastric secretory activity following psychomotor excitation in schizophrenics. p. 172.
- Slonim, I. O. G. - Role of psychotherapy in supporting treatment of schizophrenics. p. 174.
- IAkoleva, A. S. - Psychotherapy of reactive states. p. 178.
- Ishutova, F. A. - Case of epilepsy treated with rattlesnake venom. p. 183.
- Cherkun, E. A. - Pathogenic substitution of diadocic reflex therapy in alcoholism. p. 181.
- Fedorov, M. I. - Use of electroencephalography in forensic medical practice. p. 186.
- Dorlova, A. S. - Preliminary data of the census of mental patients in Kazan. p. 194.
- Andreev, M. P. - Some notes on psychopathological aspects in forensic psychiatric expertise. p. 199. (DILIM)
- KISHINEV. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [STATE MEDICAL INSTITUTE. Transactions]. Vol. 21, 1963. Problems of the pathology of the gastrointestinal tract.
- Table of contents translated
- Starostenko, N. T. - Some problems of the pathogenesis and clinical aspects of peptic ulcer. p. 3.
- Parfenyeva, V. F. - Pathomorphology of peptic ulcer. p. 2.
- Golev, V. M. - Gastric and duodenal ulcer caused by atrophic pathogenesis and morphology. p. 10.
- Starostenko, N. T. - Experience in the treatment of peptic ulcer. p. 20.
- Shtin, Kh. M. - X-ray examination of patients with peptic ulcer following compound treatment. p. 33.
- Blagova, M. I. - Changes in arterial blood pressure in patients with peptic ulcer under the effect of different physiotherapeutic procedures. p. 36.
- Populyay, L. I. - Effect of medicinal sleep on the secretory activity of the stomach in dogs under physiological conditions and in experimental gastric ulcer caused by atropine. p. 43.
- Golovin, V. M. - Effect of some medicinal substances on the development of atrophic ulcers in the stomach and duodenum. p. 53.
- Starostenko, N. T. - Effect of novocaine on the development of atrophic ulcers in dogs. p. 50.
- Kashchuk, H. K. - Characteristics of the course of peptic ulcer in elderly persons. p. 61.
- Gorilev, M. D. - Body temperature in patients with peptic ulcer. p. 61.
- Koshchuk, H. K. - Use of novocaine for therapeutic purpose his introduction in the initial area of the jejunum in chronic gastritis. p. 68.
- Brenar, A. L. - Rectal use of novocaine in patients with chronic colitis. p. 77. (DILIM)
- MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS] Issued by Ministerstvo zdorov'ia SSSR [Ministry of Health of the U. S. S. R.]. Moscow.
- Razdel (Section) 1, vol. 12, no. 7, July, 1968.
- Razdel (Section) 2, vol. 12, nos. 6-7, June-July, 1968.
- Razdel (Section) 3, vol. 12, no. 6, June, 1968.
- Razdel (Section) 4, vol. 12, nos. 6-7, June-July, 1968.
- Razdel (Section) 5, vol. 12, nos. 5-6, May-June, 1968.
- Razdel (Section) 6, vol. 12, nos. 5-6, May-June, 1968.
- Razdel (Section) 7, vol. 12, nos. 4-5, Apr.-May, 1968.
- Razdel (Section) 8, vol. 12, nos. 4-5, Apr.-May, 1968.
- Razdel (Section) 9, vol. 12, no. 6, June, 1968.
- Razdel (Section) 10, vol. 12, nos. 5-6, May-June, 1968.
- Razdel (Section) 11, vol. 12, nos. 4-6, Apr.-June, 1968.
- Razdel (Section) 12, vol. 12, no. 7, July, 1968.
- Razdel (Section) 13, vol. 12, no. 7, July, 1968.
- MOSCOW. VSESORUZHNI NAUCHNO-ISLEDOVATELSKII INSTITUT MEDITSINSKOGO INSTRUMENTARIJA I OBOZRODANIYA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MEDICAL INSTRUMENTS AND EQUIPMENT. Transactions]. No. 3, 1964. New achievements in medical technology; transactions of the institute.
- Table of contents translated:
- Perel'man, A. S., Gurevich, I. Ia., Koltas, H. L. - Anesthesia apparatus NA-3M. p. 3.
- Perel'man, A. S. - Accumulation of carbon dioxide in anesthesia apparatus. p. 10.
- Il'inskiy, V. M. - Alkali-bicarbonate elements for anesthesia and artificial pulmonary ventilation. p. 17.
- Frankov, H. B., Koz'minov, O. D. - Test of attachable elements during anesthesia in young children. p. 26.
- Dar'balin, V. L., and others. - Hobbler articles used in anesthesiology. p. 29.
- Gurevich, V. M., Malyshov, V. D., Savchenko, I. S. - Methodology of artificial pulmonary ventilation by means of a special adapter for Elmanal intubation tubes in thoracic operations. p. 45.
- Kovaleva, L. A. - Endotracheal tubes with variable profile for children. p. 51.
- Strashov, V. I., Makarov, V. N. - Use of RO-1 in the clinical practice of hospital surgery in the First Leningrad Medical Institute named after I. P. Pavlov. Report No. 1. p. 51.
- Gigant, V. S., and others. - Use of RO-1 in the clinical practice of the Ministry of Public Health of the R. S. S. R. Scientific Research Institute of Clinical and Experimental Surgery. Report No. 2. p. 58.
- Dar'balin, T. M., Chernyshovskii, F. R. - Precise measurement of chloroform doses by vaporizer, produced by the All-Union Scientific Research Institute of Medical Instruments and Equipment during anesthesia in patients with tumors. p. 61.
- Volpert, H. L., Gurevich, I. Ia., Koltas, H. L. - ROV-1 volume anesthesia respirator. p. 65.
- Perel'man, A. S., Chernyshovskii, F. R. - Provision of safety in the administration of anesthesia. p. 72.
- Ovchinnikov, G. S. - Use of PN-50 apparatus of artificial pulmonary ventilation in clinical practice. p. 79.
- Savchenko, R. I., Voronina, A. I. - Devices for the examination of pressure changes used in anesthesia and respiration apparatus. p. 81.
- Chernyshovskii, F. R. - RO-1 apparatus of artificial cough in the prevention and treatment of postoperative atelectasis. p. 90.
- Nemerovskii, I. L., Skol'nikova, G. I. - Open-type spiograph. p. 94.
- Malyov, V. V., Sarkina, E. D. - Use of open-type spiographs for examination of spontaneous and various diseases. p. 99.
- Kozlov, S. E. - ROV-1 respirator for auxiliary respiration. p. 101.
- Dar'balin, T. M., Chernyshovskii, F. R., Cherkun, E. A. - Automatic supporting of adequate artificial pulmonary ventilation. Preliminary report. p. 108.
- Pishov, A. P. - Device for the determination of the residual volume of the lungs and the integrity of pulmonary ventilation. p. 112.
- Agranovich, H. I. - Determination of the residual volume of the lungs by the closed system with helium using the ROO-1 apparatus. p. 120.
- Blizhenko, M. A., Gelfer, U. Sh., Sosn, M. G. - Analysis of means to create biological control of artificial respiration. p. 125.
- Kozhenkov, V. I., Kilev, A. V. - Prescription of gaseous ions in respiratory organs. p. 134.
- Torlo, N. A., Mal'chenko, G. P. - Use of electroacoustic units for the treatment of children with bronchial asthma and chronic pneumonia. p. 139.
- Kilev, A. V., and others. - Methodology of measuring the charge of aerosol particles. p. 145.
- Ghuklov, S. A. - Apparatus for oxygen therapy; a brief review. p. 149.
- Ghuklov, S. A., Gorlo, I. K. - ME-2 mechanical model of the lungs. p. 158.
- Vinkovskii, S. A., Ananova, L. A. - Gas flowmeter. p. 160.
- Vinkovskii, S. A., Ananova, L. A., Rubinovich, M. E. - Unit for the calibration of small changes in the volume. p. 170.
- ORDZHONIKIDZE. SEVERO-OSETINSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [NORTH OSETIAN STATE MEDICAL INSTITUTE. Transactions]. No. 18, 1967. Problems of occupational hygiene and occupational pathology in nonferrous metallurgy.
- Table of contents translated
- DIKHTAR, S. R. - General characteristics of the conditions of these studies. p. 5.
- DIKHTAR, S. R. - Basic problems of social occupational hygiene in the U. S. S. R. under present-day conditions. p. 11.
- Blitsva, I. D. - Hygienic characteristics of work conditions in the new lead shop of the "Elekrolitnik" Plant. p. 23.
- Varzheva, G. V. - Energy exertion in workers during some work processes in the lead shop of the "Elekrolitnik" Plant. p. 35.
- Digneva, M. D. - Dynamics of hematologic changes in salivum. p. 39.
- Lukidi, K. Kh. - Experience in the study of the influence in workers in a lead workshop and experimental conditions. p. 49.
- Okranova, G. F., Digneva, M. D. - Study of some indices of the blood in experimental poisoning in lead in combination with carbon monoxide. No. 2. p. 55.
- Okranova, G. F. - Changes in the correlation of serum protein fractions in repeated combined poisoning of white rats with lead and carbon monoxide. p. 65.
- Varzheva, I. V., Lukidi, K. Kh. - Data on the excretion of inorganic calcium, vitamins, coproporphyrin and lead from the body and the distribution of lead in the organs of white rats following poisoning with lead and carbon monoxide. p. 69.
- Kubatiev, A. A. - Pathogenesis of porphyria in lead poisoning. p. 77.
- Khasigov, P. Z., Adyrdkhaev, A. Kh. - Study of biochemical indices of the experimental effect of some metals on the animal organism. Report No. 2. Experimental study of the effect of lead on some indices of protein-lipid metabolism. p. 85.
- Okranova, G. F. - "Background" values of serum protein fractions in white rats. p. 85.
- Digneva, M. D. - Experiment in the determining standard "background" volumes of morphological indices of the peripheral blood in white rats. p. 80.
- Alieva, M. M., Reutova, V. A., Pavlova, O. - Some problems in the diagnosis of saturnism. p. 91.
- Alieva, M. M. - Vascular lesions and arterial hypertension in persons working under the influence of lead. p. 97.
- Al'ferova, E. G. - State of blood coagulability and anticoagulation systems in lead poisoning. p. 91.
- Kladova, M. A., Oskenko, N. G. - Lecithin-cholesterol metabolism in lead poisoning. p. 111.
- Kubatiev, A. A. - Experience in dynamic clinical study of 50 saturnism cases. p. 115.
- Ananova, N. S. - Some data on the sanitary characteristics of work conditions in the casting workshop of the "Elekrolitnik" Plant. p. 121.
- Chelzhenko, M. Kh. - Evaluation of the filter capacity of different respirator types used in lead and zinc processing workshops of the "Elekrolitnik" Plant. p. 121.
- Digneva, T. M. - Data on the dust content in the air and on the material composition of the dust in processing of hard alloys at the "Pobedit" Plant. p. 133.
- Gartalev, O. N. - Study of the effect of the dust in the workshops of power metallurgy of the "Pobedit" Plant on the health of the workers. p. 139.
- Saulova, V. T. - Materials of preliminary physical and hygienic characteristics of the basic processes in the workshops of powder metallurgy. "Pobedit" Plant. p. 140.
- Saulova, V. T. - Experiment in the substantiation measures on hygienic rationalization of the of shunting and processing specialists in the workshop of high-melting metals of the "Pobedit" Plant. p. 157.
- Adyrdkhaev, A. Kh., Khasigov, P. Z. - Study of chemical indices in the experimental effect of some metals on the animal body. Report No. 2. Experimental study of the effect of metallic cobalt on some indices of protein-lipid metabolism following respiratory poisoning. p. 163.
- Gartalev, O. N. - Pathomorphological changes in organs of white rats under some conditions of effect of cobalt, tungsten, molybdenum and molybdenum trioxide. p. 169.
- Dzokarev, Z. R. - Characteristics and dynamics of pulmonary changes in workers of some workshop of a nonferrous metallurgy plant based on X-ray observations. p. 179.
- Chakhi, M. N. - Study of the feasibility of the "lungs - thoracic cavity" by means of a neopneumographic method in workers of nonferrous powder metallurgy. p. 187.
- Khagaeva, O. G. - State of digestive organs in workers of two workshops in powder metallurgy. p. 191.
- Tsurupa, Z. T. - Menstrual and parturition function in women working at workshops of powder metallurgy of the "Pobedit" Plant. p. 201.
- Dikhtar, S. R. - Dynamics of the indices of men with temporary disability recorded during 10 years at the "Elekrolitnik" and "Pobedit" Plants. p. 209.
- Kloranova, S. Ch. - Data on hygienic evaluation of production and meteorological conditions in "hermetized" industrial building without airtightness and windows. p. 235.
- Goncharenko, V. P. - Materials on sanitary characteristics of work conditions in the mechanical workshops of the Ordzhonikidze Glass Container Isolation Plant. p. 243.

- Berkova, D. G. - Changes in the factors of the prothrombin complex in silicosis. p. 249.
- Berkova, D. G. - Fluorogen content and fibrinolytic activity in the plasma of patients with silicosis. p. 253.
- Berkova, D. G. - Anticoagulation activity of the blood in silicosis. p. 257.
- Skvortsova, V. D. - Comparative evaluation of some derivations of the electrocardiogram in the diagnosis of myocardial lesions in patients with silicosis. p. 263.
- Qisayeva, E. T. - Practical use of the International X-ray classification of pneumoconiosis of 1958. p. 265.
- TSaligov, Kh. - Comparative X-ray data on changes in the bones of the hand in work involving vibrations as in some other occupations. Report No. 2. p. 277.
- Rejven, T. S. - Some data on occupational diseases as pathogenic retarding enterprises. p. 287.
- Kozlov, S. G. - Some data on preliminary hygienic characteristics of climatometeorological conditions in Ordzhonikidze. p. 293.
- NOBLEMY ENDOCRINOLOGII (PROBLEMS OF ENDOCRINOLOGY). Issued by Ministerstvo zdoravoukh SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 14, no. 2, Mar.-Apr. 1968. Table of contents translated.
- Dalabukh, M. I., Zubov, N. A. - Formation of antibodies to human growth hormone following its prolonged use in patients with craniopharyngeal tumor. p. 1.
- Zakorskii, M. A., Balabukh, M. I. - Acromegaly in children. p. 5.
- Kozlov, V. M. - Content of uric acid in the blood serum in diabetes mellitus. p. 10.
- Prizhezh, V. M. - Pathogenesis of lesions of the nervous system in diabetes mellitus. p. 13.
- Kryzhan, L. I. A. - Evaluation of the functional state of the adrenal cortex in healthy and rheumatic children. p. 19.
- Delzhaskaya, A. K., Kerfman, V. I. - Bioelectric activity of the brain in hormonally active tumors of the adrenal cortex (adrenocorticism). p. 23.
- Meshin, B. V., Tsch, F. S. - Thyroid autoimmunity (Hypothyroidism Hashimoto's disease). p. 31.
- Stetsko, L., Razpovaya, M. - Parallels between circulating antithyroglobulin autoantibodies and lymphocytic infiltration in nodular edematoid goiter before and after surgery. p. 36.
- Trusov, V. V., Pivchikh, V. V. - Electrolyte metabolism in toxic goiter following treatment with radioactive iodine. p. 39.
- Slavskii, V. H. - Effect of preoperative period and surgical intervention on the function of the thyroid gland. p. 42.
- Smiley, L. D., Shapiro, G. A. - Serotonin metabolism in diffuse toxic goiter. p. 47.
- Solov, M. I. - Use of lanthanum antonate suture in excisions of goiter. Preliminary report. p. 50.
- Sokol, H. P. - Blood serum β -lipoproteins in diseases of the thyroid gland. p. 52.
- Lavrov, A. F., Balabukh, M. I. - Determination of the growth hormone in human blood serum by means of γ -globulin isolated from antiserum of the growth hormone. p. 54.
- Turkova, V. N. - Two observations of acute hyperparathyroidism. p. 59.
- Zigerman, L. S., Kilinski, E. L. - State of the coronary arteries in Isenko-Cushing disease. p. 60.
- Tsch, F. S., TSarkovskaya, N. G., Sheslavskii, A. S. - Thyroid autoimmunity in Hirsch's thyroiditis. p. 61.
- Iskin, I. A., Mikhailova, N. V. - Dissociation of some indices of the functional state of the adrenal cortex in ectopic lesion of the mammillary nuclei of the hypothalamus. p. 63.
- Bass, B., Strashimirov, D., Endrey, E. - Effect of sexual factors on the formation of androst-1-one-3,17-dione in adrenal cortex tissue in rats. p. 67.
- Fedlov, V. P., Moroz, D. B. - Distribution and removal of hydrocortisone-4- C^{14} in intact rats and those irradiated with γ -rays. p. 71.
- Parov, A. N., Shalapun, V. G. - Dynamics of the content of 11-hydroxycorticosteroids in the peripheral blood in rats following introduction of various doses of hydrocortisone and corticosterone. p. 75.
- Razman, E. R., Ivanov, T. I. - Effect of synthetic vasopressin on the biosynthesis of corticosteroids and on the content of ascorbic acid in the adrenal glands of hypophysectomized rats. p. 77.
- Nikolaev, A. I., Arsenova, E. P. - Further research of the aggressiveness of antithyroid antibodies, experimental study. p. 82.
- Vollenko, V. P., Bogush, S. V. - Effect of thyroxine on the concentration of coenzyme of acylation and methionine-adenine dinucleotides in the liver in white rats of different ages. p. 85.
- Strange, N. B. - Detection of iodine peroxidase in the thyroid gland of human fetuses. p. 88.
- Petersen, M., Heldenhaus, K. - Effect of thyroxine and metoprolol on the composition of free amino acids of the blood serum and tissues of lipid metabolism in white rats. p. 91.
- Lazaris, I. A., Goldberg, H. S. - Changes in the islet apparatus of the pancreas and regulation of diabetes in injury of the ventromedial nuclei of the hypothalamus. p. 98.
- Dogaev, I. N. - Some indices of nitrogen metabolism in the myocardium of animals with alkali diabetes. p. 103.
- Vodzhik, A. I. - Comparative characteristics of Ca^{45} assimilation rate by various bones and teeth in rats following parathyroidectomy. p. 105.
- Altamonov, V. N. - Effect of methylprednisolone on the activity of glutamate-pyruvate acid transaminase and protein spectrum of the serum in rabbits in acute toxic hepatitis. p. 109.
- Baranov, I. B. - Experimental model of protracted insulin coma. p. 112.
- Kellesski, V. I. - Mechanism of the elimination of catecholamines from the bloodstream and their inactivation: a review of the literature. p. 115.
- REPERATIVNYI ZHURNAL MEDITSINSKAYA GEOGRAFIYA (REPERATIVE JOURNAL MEDICAL GEOGRAPHY). Vol. 10, no. 1, 1968. Table of contents translated.
- STRATON MEDICAL GEOGRAPHY. Separate Issue 361. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1968.
- SARATOV MEDITSINSKII INSTITUT. Trudy MEDICAL INSTITUTE Transactions. Vol. 43/69, 1964. Table of contents translated.
- Berkov, A. I., Saratov, M. G. - Surgical tactics in acute appendicitis. p. 3.
- Zakharova, G. N. - Current problems of acute appendicitis. p. 11.
- Khorov, Z. N. - Age-related microtopology of the nerve apparatus of the vermiform process. p. 27.
- Nikolaev, I. B., Myshkin, K. I. - Alterations of the vermiform process in acute appendicitis. p. 39.
- Pogov, I. S. - Sensitivity of microbial associations to antibiotics in acute appendicitis. p. 43.
- Myshkin, K. I. - Significance of the hormonal factor in the pathogenesis of acute appendicitis. p. 47.
- Rykalin, I. K., Kishkov, A. G. - Diagnosis of appendicitis in the practice of first aid. p. 53.
- Vilavik, G. D., Fomko, M. N. - Some problems in the tactics of the surgery in acute appendicitis. p. 63.
- Nemak, I. I. - Diagnosis and treatment of acute appendicitis in pregnant women. p. 73.
- Slavskii, G. M., Kozlov, H. A. - Acute appendicitis in children. p. 79.
- Skam, I. I. - Acute appendicitis in elderly and senile persons. p. 87.
- Kazanskii, V. S. - Acute appendicitis in elderly persons. p. 95.
- Bogachov, G. I. - Complications following surgery for acute appendicitis in elderly and senile patients based on data of four district hospitals in Saratov Province. p. 99.
- Krasova, V. N. - Differential diagnosis of acute appendicitis and acute inflammation of the adnexa ceteri. p. 103.
- Khorov, G. N. - Differential diagnosis of acute pancreatitis and acute appendicitis. p. 109.
- Bozhanov, B. D. - Cytological study of the mucous membrane of the vermiform process in the inflammation. p. 113.
- Paton, I. F. - Appendicitis and tonsillitis. p. 117.
- Rykalin, I. K. - Acute appendicitis and mesenteric lymphadenitis. p. 121.
- Tsepkova, N. A. - Late results of clinically non-confirmed acute appendicitis. p. 125.
- Artsev, H. A. - Topography of the Volkovich-Dyakonov's oblique tract lesions in appendectomy. p. 129.
- Vilavik, G. D., Chelnov, A. A. - Role of gastrointestinal intubation and gavage block in the prevention and treatment of postoperative intestinal putrefaction in destructive forms of acute appendicitis. p. 137.
- Gassman, B. I. A. - Experimental appendicular infiltration. p. 145.
- Iksanov, H. A. - Clinical aspects and diagnosis of infiltrates and abscesses of appendicular origin. p. 149.
- Ukina, A. N. - Treatment of appendicular infiltrates with intraosseous introduction of novocaine and antibiotics. p. 159.
- Iksanov, H. A. - Results of appendectomy following absorption of infiltrates and opening of the abscesses. p. 161.
- Zhadanov, I. I., Khranov, V. P. - Pelvic abscesses of appendicular origin. p. 169.
- Varlamov, V. V. - Treatment of peritonitis of appendicular origin with intraperitoneal introduction of antibiotics. p. 177.
- Razuvskii, V. T. - Lethality in acute appendicitis based on data of Saratov hospitals. p. 181.
- Maksimova, L. I. - Lethality in acute appendicitis based on data of the clinic of hospital surgery. p. 185.
- SMOLENSK. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [STATE MEDICAL INSTITUTE. Transactions]. Vol. 10, 1963. Diseases of the ear, nose, and throat, dedicated to the millennium of Smolensk. Table of contents translated.
- Starikov, G. M. - Review of the activity of the Smolensk Otorhinolaryngological Clinic during 12 years (1950-1960). p. 3.
- Starikov, G. M. - Experimental rhinoscopy of the sigmoid sinus. p. 9.
- Akashcheva, A. I. - Microbiology of otogenous origin, based on materials of the Smolensk Clinic. p. 24.
- Akashcheva, A. I. - Differential diagnosis of meningitis. p. 36.
- Fedorova, M. A. - Orogenous cerebral arachnitis. p. 44.
- Melcherson, A. P. - Intracranial complications in otitis media mastoiditis. p. 48.
- Morozov, I. P. - Orogenous extracranial abscesses, based on clinical materials assembled during 1948-1960. p. 56.
- Valter, A. I., IAKushkin, L. A. - Spontaneous rupture of cerebral abscesses. p. 65.
- Starikov, G. M., IAKushkin, L. A. - Primary leading of wounds following injury to the ear. p. 69.
- Asimovskii, V. M. - Cases of acute laryngeal edema. p. 73.
- Tilov, A. P. - Treatment of larynx and postlaryngeal stenosis of the esophagus. p. 76.
- IAKushkin, L. A. - Disorders of voice function of the nose and adjacent organs and their compensation following congenital lesions of the nose and its accessory sinuses. p. 81.
- IAKushkin, L. A. - Late sequelae and complications following the abscess of the accessory sinuses of the nose. p. 81.
- Morozov, I. P., IAKushkin, L. A. - Peace-time lesions of the accessory sinuses of the nose. p. 95.
- Lavruskova, Z. A. - Possible errors in the description of endoscopy of the accessory sinuses of the nose. p. 102.
- Lavruskova, Z. A., IAKushkin, L. A. - Role of the method of meningeal examination in differential diagnosis of tumor diseases of the accessory sinuses of the nose. p. 111.
- Shargovskaya, A. Z. - Lymphoepithelial tumors of the nasal cavity and the accessory sinuses of the nose. p. 117.
- IAKushkin, L. A. - Papillomas of the nasal cavity. p. 123.
- Asimovskii, V. M. - Determination of the sensitivity of bacilli to antibiotics in chronic suppurative otitis. p. 132.
- Norikov, M. G. - Use of capron in radical surgery on the ear. p. 135.
- Shargovskii, A. G., Rakhtinskii, V. L. - Distribution of dental caries among children of a number of cities and populated places of Smolensk Province. p. 138.
- Shargovskii, A. G. - Treatment of pulpitis in a single session. p. 141.
- Shargovskii, A. G. - Surgical treatment of cysts in the jaws. p. 150.
- Tilov, A. P. - Case of fibrous osteodysplasia of the maxilla. p. 157.
- Nechkov, M. H. - Malignant neoplasms of the parotid gland. p. 159.
- Samarin, A. G. - Case of subacute leukemic reticulosis. p. 165.
- Asimovskii, V. M. - Changes in erythrocytes and in the erythrocyte sedimentation reaction in cancer of the larynx. p. 168.
- Asimovskii, V. M. - Changes in leucocytes in cancer of the larynx. p. 171.
- Samarin, A. G. - Bacterial flora of the maxillary sinuses in chronic hyperostitis and its sensitivity to antibiotics and bee honey. p. 173.
- Shanjarov, A. G. - Carbohydrate metabolism in chronic sinusitis. p. 176.
- Shanjarov, A. G. - Bee honey in the treatment of chronic sinusitis. p. 182.
- TOKSIKOLOGIYA NOVIKH PROMYSHLENNYKH KHEMICHESKIIKH VESHCHESTV [TOXICOLOGY OF NEW INDUSTRIAL CHEMICAL SUBSTANCES]. Issued by Akademiya meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, no. 6, 1967. Table of contents translated.
- Samokhin, I. V. - New data on general and special problems of industrial toxicology. p. 3.
- Samokhin, I. V. - Evaluation of the comparative toxicity of industrial poisons. p. 7.
- Sidorov, K. K. - Some methods of quantitative evaluation of the cumulative effect. p. 19.
- Khalpe, A. I., Sidorov, K. K. - Some methods of detecting the species sensitivity of laboratory animals to the effect of chemical substances. p. 27.
- Ordynskii, L. L. - Vital staining as an express method in the determination of tentative maximal permissible concentrations. p. 37.

- Ulanova, I. P., Pozdnyakova, G. I. - Comparative evaluation of the methods to determine renal function under experimental conditions. p. 43.
- Zayva, G. N., Timofeyevskaya, L. A., Fokhova, V. I. - Evaluation of the toxicity of ethyleneimine under chronic infection. p. 50.
- Zayva, G. N., and others. - Effect of ethyleneimine on the sexual function in male rats following infection. p. 59.
- Savitskiy, I. V., Arkhimenko, M. M., Ivanov, V. N. - State of the progeny of two generations descending from males subjected to the influence of mercury and nickel mercury in combination with ionizing radiation. p. 71.
- Savitskiy, I. V., and others. - Some problems of the general toxic and gonadotropic effect of tert-butyl peracetate. p. 78.
- Golubovskiy, E. I. A., Gnerevskaya, T. V. - Effect of ethyleneimine and mercury on some aspects of nucleic acid metabolism in rat ovaries. p. 86.
- Mazurenko, L. A. - Comparative evaluation of the toxicity of piperidine and hexamethyleneamine in acute and semiacute experiments. p. 91.
- Korobkov, I. A., Kremzhen, S. N. - Pathogenic properties of some foam plastics. p. 101.
- Stasenko, K. P., Korobkov, T. A., Shevtshenko, V. A. - Toxicity of furan. p. 106.
- Stasenko, K. P., Shchitskaya, V. A. - Study of the toxicity of butyl ester of 2-furancarboxylic acid and butyl ester of 5-chloroethyl-2-furancarboxylic acid. p. 114.
- Shumskaya, N. I., Marav'eva, G. V. - Toxicity of toxin "H3". p. 126.
- Shumskaya, N. I., and others. - Toxic properties of the product 40-A inhibitor of epoxy resins. p. 132.
- Sachina, H. P., Kochetkova, T. A. - Toxicity of still residue consisting of a mixture of diethylene and triethylene glycol. p. 140.
- Sachina, H. P. - Toxicity of the fluid "3-A". p. 153.
- Sachina, H. P. - Toxicity of dichlorodiphenylides at sublethal and toxic levels. p. 158.
- Zayva, G. N., and others. - Toxicity of furan under the conditions of acute and semiacute experiments. p. 163.
- Nikitenko, T. K., Kuznetsova, T. A. - Changes in the lipid oil gland under the effect of some thymectomized leukocytes, experimental study. p. 175.
- Bolez, S. F., Fetushenko, G. M. - Toxic effect of methyl chloride on the renal organs. p. 182.
- Karamzina, N. M. - Study of the activity of serum hind serum enzymes under the effect of pyrylium cation and its alloy with aluminum. p. 187.
- Karamzina, N. M. - Evaluation of the state of glycylglycine in pulmonary tissue under the effect of beryllium oxide and its alloy. p. 193.

ЖУРНАЛ МИКРОБИОЛОГИИ, ЭПИДЕМИОЛОГИИ И ИНФЕКЦИОННОЙ ПАТОЛОГИИ (JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND INFECTIOUS DISEASES) Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 45, no. 5, May 1968.

Table of contents translated:

- Vetola, L. A., and others. - Experience in specific diagnosis of febrile fever with the renal syndrome. p. 3.
- Gelen, N. E., Kaverina-Fyngang, K. G., Shchitsko, V. M. - Comparative evaluation of the antigenic activity of some fractions of plague vaccine by means of cytologic and serologic tests. p. 8.
- Ushakov, L. N., and others. - Activity spectrum of the polyantigenic strains of *Escherichia coli* M-17 in respect to enterobacteria. p. 11.
- Utsko, I. N., and others. - Laboratory diagnosis of *Salmonella* species by means of the immunofluorescence method. p. 14.
- Kushmarov, V. M., Suttorova, T. A., Mikhalkova, I. M. - Effect on microscopic study of *Clostridium perfringens* in the process of toxin formation. p. 19.
- Kiseleva, B. S. - Present-day data on antigens of some representatives of the Enterolactaceae family. p. 24.
- Mamov, I. S. - Effect of lysopectinization on the respiratory activity of diphtheria bacilli strains. p. 29.
- Belokrylov, G. A., Ostrovskiy, A. D. - Effect of sublethal doses, adrenal hormones and ACTH on the resistance of developing rats to streptococcal exotoxin and endotoxin of *Escherichia coli*. p. 33.
- Vladimirova, S. M., Ashmarin, I. P., Keikov, A. I. - Effect of histones on microorganisms. Report No. 2: Study of the interaction process of histones and *Acetobacter suboxydans*. p. 39.
- Gova, O. E., Borovik, L. B., Shifrenko, G. I. - Study of soluble antigens of *Clostridium perfringens* strains isolated from feces of healthy persons. p. 42.
- Mol'nkov, N. I., and others. - Virulence enzymes of some pyogenic bacteria. p. 47.
- Alkhazov, M. - Phage typing of enteropathogenic *Escherichia coli* of the serological group O111-K58. p. 50.

- Golovskaya, T. S. M., and others. - Etiological structure of salmonellosis in Dzerzhinsk District of Moscow during 1963-1965. p. 54.
- Reishskiy, G. N., and others. - Epidemiological effectiveness of pertussis immunization. p. 59.
- Tolacheva, A. L. - Function of the RTF factor as a fertility agent in *Escherichia coli* strains with SFA factor. p. 61.
- Spitsarenko, S. S., Katon, D. I. - Action of γ -globulin in infectious hepatitis. p. 65.
- Kostukova, N. N., Pavlova, L. A. - Pathogenic properties of diphtheria bacilli isolated during an epidemiological process. p. 69.
- Valodskiy, I. F. - Quantitative characteristics of the immunogenicity of diphtheria anatoxins. p. 75.
- Sarapova, T. A. - Characteristics of the interaction of enteropathogenic and basal *Escherichia coli* with human embryo cell cultures. p. 80.
- Sakharov, L. E., Andreeva, N. P. - Content of Vi-antibodies and 7S-Vi-antibodies in the blood serum of patients with typhoid fever treated with Vi-antigen and levomycetin. p. 85.
- Beznosov, S. K. - Evolution of typhoid fever in Petersburg - Leningrad. p. 87.
- Kolobov, L. F., Solov'yev, I. P. - Present-day aspects of the epidemiology of typhoid fever. p. 92.
- Elkin, I. L., Iashin, V. K. - Problems of epidemiological geography. Report No. 9: Formation and structure of zoogeographical areas of anthrax. p. 95.
- Rybenko, T. D. - Nosogeography of acute intestinal diseases in the U.S.S.R. p. 102.
- Chernyshev, N. L., and others. - Material on epidemiological geography of infectious hepatitis in the U.S.S.R. p. 112.
- Mashkov, V. I. - Elimination of infectious diseases. p. 118.
- Kolba, A. P. - Comparative study of properties characterizing pathogenicity of enterococci. p. 122.
- Aklov, A. K., Prokhorov, V. A. - Experimental infection in lemings and nonlemmings mice caused by a sublethal dose of *Staphylococcus aureus*. p. 126.
- Izrael'skiy, G. A. - Possibility of prolonged storage of poisoned baits containing zinc phosphide prepared with oil or fat. p. 131.
- Kosykh, S. Kh., Mikhalkova, M. V., Kudryavtseva, E. I. - Food toxicology caused by *Salmonella gallinarum*. p. 134.
- Dezhnev, M. V. - Epidemiological materials on the study of Japanese encephalitis in Maritime Territory in 1967. p. 136.
- Alimov, R. V., Litvinenko, R. P. - Inhibitory reaction of complement fixation in Asian tick-borne encephalitis. p. 137.
- Pyshchikov, G. V. - Planned use of γ -globulin for the prevention of infectious hepatitis in the Maritime U.S.S.R. p. 138.
- Zel'manovich, B. M. - Changes in the sensitivity of pyogenic *Staphylococcus aureus* to antibiotics in the presence of γ -globulin. p. 138.
- Garanin, B. A. - Type composition of *Salmonella* based on materials of an infectious disease hospital for the period 1959-1966. p. 139.
- Vaintrub, I. A., Shcher, D. P. - Changes in some biological properties and in production of penicillinase by pathogenic *Staphylococcus aureus* following formation of resistance to semisynthetic penicillins. p. 140.
- Gagrikhina, V. M., and others. - Epidemiological effectiveness of anti-influenza vaccine during the influenza epidemic in January and February 1967. p. 140.
- Kolodnyanskaya, T. M. - Antibiotograms of typhoid bacilli. Report No. 4: Effectiveness of the combined action of antibiotics on the typhoid bacilli. p. 141.
- Frolov, B. A. - Experience in the study of bacteriophage in *Staphylococcus*. p. 142.
- Karap'nik, B. V., and others. - Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 1: Content of antibodies to *Escherichia coli* of the least serological types in adults and newborn infants in Alma-Ata. p. 142.
- Zakharova, S. S. - Indirect fluorescent antibody technique for the diagnosis of toxoplasmosis. p. 143.
- Paras, S. A., and others. - Abstracts. p. 145.
- Livrova, L. N. - L. A. Tarasova and the development of Soviet epidemiology and microbiology; on the centennial of his birth. p. 147.
- Milenkova, I. U., Chernodub, A. M., Kokov, I. L. - Vasilii Il'ich Tereskiy, an obituary. p. 152.
- Marav'eva, G. V. - Results of the work of the anniversary scientific conference dedicated to the 70th birthday of Professor I. G. Ioff. p. 154.

6. NEUROLOGY & PSYCHIATRY

ЖУРНАЛ ВYSSHIEI NERVOI DEIATEL'NOSTI (JOURNAL OF HIGHER NERVOUS ACTIVITY) Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, no. 1, Jan.-Feb. 1968.

Table of contents translated:

Voronin, L. G., Tashnukova, S. A., Kazakova, I. I. -

- Role of ribonucleic acid in the process of formation of temporary connections. p. 3.
- Sengagin, V. N. - Significance of the condition of the nervous system in the development of the method in neurophysiology. p. 11.
- Zakharova, S. S. - Velocity control during the of the motor problem "accompanying" from. p. 19.
- Itezhnikova, E. K. - Coordination of eye and movements in the execution of different problems. p. 30.
- Zav'yalov, A. V., Kontsarskiy, V. I. - Correlation between the kinesthetic and visual analysis. p. 38.
- Trankov, N. N., Kaufman, D. A., Balov, V. - Pharmacological analysis of nervous system of various kind and verbal signals under of noise. p. 45.
- Korolkin, I. I., Peshkova, T. V., Sushina, V. I. - Changes in auditory threshold as a result of hypoxic suggestion. p. 53.
- Danilova, L. K., Suvorov, N. F. - Analysis of functional localization of overstimulation of processes following "enlistment". p. 59.
- Elkin, V. I. - Effect of convulsive anesthetics on the restoration of a previously elaborated skill and the stability of nervous processes in the Krasnodar-Moskva line. p. 61.
- Gavrilova, L. N., Lapina, L. A., Orlovskaya, L. A. - Localization of slapping under varying brain structures of dogs. p. 70.
- Iagulin, N. I., Fufacheva, A. A. - Alimentary defensive reactions in lower mammals in response of the gyrus cinguli. p. 76.
- Mozulov, V. M., Rikhsimshilov, B. S. - Signs of emotional connection and the state of the brainstem in interhemispheric interaction. p. 83.
- Mol'skova, N. I., Kasatkina, V. N. - Electrography during dreams. p. 88.
- Gonik, A. A., Danilin, V. P., Latash, I. A. - Asymmetry of potential oscillations EEG of patients with narcolepsy; on the of periodicity mechanisms of narcolepsy manifestations. p. 97.
- Storozhuk, V. M. - Impulse activity of neurons of sensory cortex in an induction phenomenon. p. 101.
- Sokolov, E. N., Didenko, V. P. - Electrical of neurons in Hells pontalis following stimulation. p. 113.
- Kudryavtseva, N. N. - Changes in behavior of dogs under the effect of acoustic stimulation. p. 120.
- Leshchinskii, I. I. - Study of the functional of vestibular neurons of the posterior lobe. p. 120.
- Rukhmanova, R. A. - Inhibitory phenomena in the activity of neurons of the medulla in cats. p. 133.
- Pyshkina, B. P. - Dynamics of condition of work under the effect of a brief conditioned stimulus in dogs different types of with nervous system. p. 137.
- Nesterenko, L. S. - Effect of the thermal stimulation of the complex exteroceptive conditioned reflex. p. 140.
- Brulov, N. H., Shinnov, V. N. - General changes in the bioelectric activity of the nervous system during the formation of a conditioned reflex. p. 142.
- Goreva, O. A. - Effect of lesions of the posterior lobe on previously elaborated conditioned reflex. p. 145.
- Vavilova, N. M. - Effect of the removal of a portion of the hippocampus on motor conditioned reflexes during ontogeny in cats. p. 148.
- Korpiakova, T. P., Supin, A. A. - Effect of urea on stimulating and inhibitory processes in the cerebral cortex. p. 151.
- Skandala, M. G., Troglina, I. G. - Changes in higher nervous activity in rats under the of some aromatization methods. p. 153.
- Kudryavtseva, I. N. - Study of the reactivity of the visual cortex to light of the cerebral cortex. p. 157.
- Slakov, V. I. - Changes in the evoked potentials of the subcortical formations of the visual system following detachment of the cerebral cortex. p. 163.
- Karavayeva, N. N. - Device for measurement of alpha-rhythm waves in electroencephalography. p. 163.
- Adronov, O. S., Merz, T. A. - Symposium on muscle analyzers. p. 170.

6. PATHOLOGY & THERAPEUTICS

РЕФЕРАТИВНЫЙ ЖУРНАЛ: ОБЩИЕ ВОПРОСЫ ПАТОЛОГИИ, ОНКОЛОГИИ (REFERRATIVE JOURNAL OF ABSTRACTS: GENERAL PATHOLOGY, ONCOLOGY) (Separate issues published by Institut nauchnoi informatsii Akademiya Nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, June-July 1968.

ТОМСК. НАУЧНО-ИССЛЕДОВАТЕЛЬСКИЙ ИНСТИТУТ
ФАКТИН ЛЕЧЕБНОГО. Труды НАУЧНО-ИССЛЕДОВАТЕЛЬСКОГО
ИНСТИТУТА ВАКЦИН И СЕРУМ.
Томск. 1962. 16. Проблемы опухолей,
инфекций, и иммунология.

- Table of contents translated:
Karpov, S. D. - Mechanism of the formation of tick-
borne encephalitis in the population of the area, p. 7.
Kotelnikova, A. G. - Materials on the prognosis of the
rate of changes of tick-borne encephalitis in
Tomsk natural focus, p. 12.
Bakay, V. S., Tomskovskaya, A. A. - Use of the
hemagglutination reaction and its inhibition in the
diagnosis and identification of the virus of tick-borne
encephalitis, p. 16.
Tikhonova, B. G. - Comparative characteristics of
the specific therapeutic effect and nonspecific
resistance of antiepileptic serum preparations,
p. 23.
Terent'ev, V. F., Moskatov, V. S. - Clinico-immuno-
logical parameters in patients with tick-borne encephalitis,
p. 24.
Danzak, B. D. - Relation of erythema multiforme ete-
riatum to tick-borne encephalitis, p. 41.
Tchikachev, A. M., and others. - Cytogenetic
characteristics and study of the specific diagnosis,
p. 46.
Zemlakova, Z. M. - Materials for the study of the
clinical picture in the case of children with encephalitis,
p. 51.
Zemlakova, Z. M. - Clinical aspects and epidemiology
of acute poliomyelitis in children of Tomsk before
and following the year of poliomyelitis (1958-1963),
p. 57.
Nikolayeva, O. L., Petukh, A. V. - Duration of sero-
negative encephalopathy of Botkin's disease in
Tomsk, p. 60.
Kotelnikova, O. L., Kotova, E. M., Oshchepkova,
I. A. - Clinico-epidemiological characteristics of atypical
forms of Botkin's disease, p. 65.
Kotova, E. M., Chertkovskaya, Z. M., Petukh, A. V.,
M. A. - Transmission of blood and blood substitutes
in Botkin's disease, p. 69.
Akhmetov, M. R., Peshkova, I. A. - Some data on
changes in alkalase activity in Botkin's disease,
p. 73.
Maslennikova, M. A., Kotelnikova, O. A. - Role of adenovirus
in the etiology of diseases occurring in
Tomsk, p. 76.
Hoholovskaya, M. E., Zemlakova, Z. M. - Clinical and
immunological data on the role of adenovirus
infection in children of Tomsk, p. 80.
Sedukhin, I. A. - Clinical aspects of viral and
bacterial infections of the central nervous system,
p. 85.
Gellachy, K. M. - Clinical characteristics of heart
failure in patients with Botkin's disease.
Diseases Hospital accumulated during 1958-1962.
Tikhonova, B. G., and others. - Possibility of
changing the pattern of immunization against diphteria,
p. 94.
Lazareva, K. V. - Diagnosis of diphteria of the mucous
and cavity, p. 97.
Antsev, I. K., Nikolayeva, V. K. - Etiology and
pathological immunity of post-encephalitic diseases in
infants, p. 101.
Tikhonova, N. M. - Microchemical data on lipid metabo-
lism in poliomyelitis, p. 104.
Tikhonova, N. M., Nuzhova, V. K. - Pathohisto-
logical study of poliomyelitis in children, p. 110.
Ardanova, I. K., and others. - Materials on sporadic
schistosomiasis in Tomsk, p. 116.
Kashev, S. K. - Incidence of dysentery among Tomsk
residents and the role of the water factor in its
distribution, p. 119.
Kovalyevskii, A. A. - Incidence of echinococcosis among
the residents of Tomsk Province, p. 124.
Chertkovskaya, V. I. - Functional state of the liver in
patients with combined diphteriodiphtheria and
epidemic typhus, p. 129.
Petrova, N. N. - Buno-chemical indices of the
functional state of the liver during strongyloidosis
in animal patients, p. 133.
Mishalova, T. K., Bakhtin, K. K. - Electron micro-
scopic characteristics of Leptospira subjected to
the effect of digestive juices, p. 137.
Zasakhin, D. N. - Natural foci of toxoplasmosis, p. 141.
Zasakhin, D. N., Gracheva, L. I. - Present-day state
of the laboratory methods in diagnosis of toxoplas-
mosis, p. 145.
Tikhonova, I. A., Abramov, V. N. - Significance of
toxoplasmosis in the origin of pregnancy toxico-
sis, p. 151.
Tikhonova, L. G., and others. - Role of toxoplasmo-
sis in the etiology of congenital monstrosities based
on materials collected in Tomsk, p. 158.
Tikhonova, L. A. - Natural foci of toxoplasmosis in
Tomsk Province, p. 162.
Ushakov, G. V. - Study of pseudotuberculosis in the
Soviet Union, p. 167.
Bakhtova, I. I., Suzova, N. I. - Staphylococcal
diseases in infants, p. 174.
Smolenskaya, V. P. - Effect of pediatric diseases on
the physical development of children, p. 178.

- Kaev, A. R., Puzhik, V. V. - Epidemiological and
immunological characteristics of natural foci of
tick-borne encephalitis in Tomsk Province, p. 182.
Kleiman, E. I., and others. - Some complex immuno-
biological reactions in polyvalent vaccination,
p. 183.
Kleiman, E. I., Stetskevich, A. A. - Immunological
shifts in experimental animals following the
immunization with peritissu-lympho-lytic-lytic
vaccine, p. 204.
Kleiman, E. I., Stetskevich, A. A. - Experimental study
of phagocytic reaction in immunization with
peritissu-lympho-lytic-lytic vaccine, p. 210.
Vasil'ev, N. V., Shumakov, I. B., Gilevskaya, A. L. -
Role of oxidation-reduction processes in the for-
mation of acquired specific immunity. Report No. 1.
Effect of some inhibitors of carbohydrate metabo-
lism, tissue respiration and disconnection of
the formation of heterophilic hemagglutination,
p. 217.
Vasil'ev, N. V., and others. - Effect of some physical
factors on immunogenesis. Report No. 1. Effect of
ultraviolet radiation and alternating magnetic field
on the formation of hemagglutination, p. 222.
Vasil'ev, N. V., Garganov, O. P., Vasil'eva, O. A. -
Effect of some physical factors on immunogenesis.
Report No. 2. Effect of a magnetic field and heating
radiation on vaccine immunity in tick-borne encephalitis,
p. 228.
Olshteyn, I. U. M. - Changes in the sensitivity to lister
infection in white mice subjected to the effect of
magnetic field, p. 234.
Vasil'eva, O. A., Fedorov, M. V., Vasil'ev, N. V. -
Some immunological parameters in animals immunized
with live and killed viruses of tick-borne encephalitis,
p. 240.
Nesterov, V. S., Stetskevich, A. A. - Correlation of the
serological indices of immunity and allergy reaction
in tick-borne encephalitis, p. 247.
Mitra, L. M., Stetskevich, A. A. - Allergic reactions
in patients vaccinated against tick-borne encephalitis,
p. 255.
Stetskevich, A. A., Vasil'eva, O. A., Merkur'yeva,
V. G. - Immunity inhibiting and control of tick-
borne encephalitis antigen, p. 261.
Karpov, S. D., Fedorov, M. V., Stetskevich, A. A. -
Characteristics of specific gamma globulin against
tick-borne encephalitis in different immunity reac-
tions, p. 267.
Pakhova, R. B., Derova, A. I. - Experience in indus-
trial production of gamma globulin against tick-
borne encephalitis. Report No. 2, p. 270.
Maslennikova, M. A., and others. - Study of the content
of antibodies to influenza, tick-borne encephalitis,
and peritissu-lympho-lytic-lytic acid and gamma
globulin, p. 273.
Fedorov, M. V., Stetskevich, A. A., Mikhutova, T. L. -
Changes in the protein composition in horse blood
serum in the process of their hyperimmunization
with tick-borne encephalitis virus, p. 276.
Kiseleva, Z. I. - Some biochemical indices of the
function of the liver in the process of hyperimmuniz-
ing horses with tick-borne encephalitis virus,
p. 284.
Fedorov, M. V., Zel'man, N. F., Stetskevich, G. E. -
Prediction of hyperimmune horse serum against
tick-borne encephalitis, p. 286.
Vidlin, R. A. - Comparative study of different
methods to produce inactivated antigen for the reac-
tion of hemagglutination extraction in tick-borne
encephalitis, p. 296.
Mordukhai, L. M. - Reactogenicity of 2, 5% bruta vaccine
against tick-borne encephalitis and measles for
its decrease, p. 300.
Vidlin, R. A. - Materials for the study of strains of
spring and summer tick-borne encephalitis viruses
used in the production of antiepileptic preparations,
p. 305.
Heger, S. M. - Zinc level of the blood in horses in
diphtheria-tetanus hyperimmunization and blood
loss, p. 308.
Pyshkova, L. M., Bychkova, M. A. - Improvement of
technology of sublimation drying of antigangrene
serum, p. 313.
Molochkina, A. E. - Effect of Leuzea root extract on
factors of nonspecific immunity, p. 318.
Fedorova, T. S. - Effect of camphor on the protein
composition of the blood serum in rabbits, p. 322.
Skobovnikova, A. S., Korochik, L. I. - Observations
on cultivation of nerve cells. Report No. 1, p. 325.
Korochik, L. I., and others. - Study of tissue cultures.
Report No. 1. Changes in tissue cultures following
introduction of RNA and trypsin, p. 330.
Bel'tov, N. V. - Treatment of complications on the
skin following vaccination against smallpox, p. 335.

ВОПРОСЫ ОНКОЛОГИИ [PROBLEMS OF ONCOLOGY].

Issued by Ministerstvo zdravookhraneniya SSSR
[Ministry of Health of the U.S.S.R.]. Moscow,
vol. 14, no. 3, 1968.
Table of contents translated:
Langer, H. - Carcinomas and neoplasms, p. 3.
Marilioson, D. A., Grinberg, K. N., Shevtsova,
V. I. A. - Transformation of embryonic cells in guinea
pigs and golden hamsters by the Rous virus,
p. 8.

- Skachkov, A. P. - Acromioblasts in mice liver
in early stages of carcinogenesis under the effect
of phenylthiazine, p. 12.
Petro, K. V., Averkhina, M. N. - Surface antigens of
public cancer cells in mice, p. 17.
Shcherbakova, I. V. - Immunological study of Hissid
antigens in virus leukemia in mice, p. 21.
Akimov, B. N., Tarkentsev, N. M. - Changes in thyroid
activity during the process of development of tumors
of the mammary gland in mice by DMBA in rats,
p. 26.
Savel'ev, O. P. - Reaction of thyroid epithelium to
thyroid stimulating hormone of the hypophysis in the
development of perinatal changes in the thyroid
gland in rats, p. 32.
Alexandrov, V. A. - Effect of N-nitroso-N-methyl
amine and N-nitroso-N-methylamine on embryonic
cells, p. 37.
Rosenfeld, I. U. A. - Effect of anabolic cells on the
transplantability and growth of ascitic hepatoma, p. 38.
Rozkov, A. B. - Malignant transformation of tumors
of the epithelium, p. 93.
Alexandrov, N. M., Shcherba, I. A. - Antineoplastic
and tasks of cancer control in the White Russian
S.S.R., p. 100.
Vilkin, B. S. - Treatment of skin cancer under condi-
tions of the oncological consultation room, p. 165.
Iagomir, L. V. - Primary multiple malignant tumors
of the breast and female genitalia, p. 167.
Froshkina, A. M. - Many years of studying constant
cell line of human epidermal carcinoma in tissue culture,
p. 43.
Alexandrov, S. N., Galkovskaya, K. F., Gubanov,
A. V. - Rate of neoplasia formation and life span
of irradiated animals following the preventive
use of S, 2-aminoethyl, selenium, p. 47.
Skorodumova, I. V. - Endocrine glands in cells following
sarcinoma treatment of sarcoma, p. 52.
Gol'tsev, Z. V., Puzhik, N. P. - Malignant
transformation of the liver nevi, p. 55.
Medvedev, M. I., and others. - Phosphorescentography
method in the diagnosis of pulmonary cancer,
p. 60.
Baghin, D. M. - Esophagoradiation and esophagoradi-
ation of the malignant tumor of the esophagus
and the respiratory tract, p. 68.
Korochik, G. B., Zelman, I. F., Frenkel', V. Kh. -
Formation of the thyroid gland in patients with gastric
cancer, p. 70.
Vladimirova, E. G. - Hormonotherapy of recur-
rences and metastases in compound treatment
of breast cancer, p. 74.
Nurik, V. I. - Exhaustive cytodiagnosis of the large
intestine, p. 76.
Savitskiy, G. A. - Gonadal tumors in women with
negative sex chromatin, p. 86.
Hidkorskiy, I. L. - Comparative cytogenetic study of
tumor and non-tumor cells and exudates
in mice, p. 89.
Sivashin, A. I., Shvartsberg, E. M. - Results of
distance gamma therapy of pulmonary cancer,
p. 110.
Iakhimov, N. E., Terent'eva, N. A. - Diagnosis and
treatment of gastric sarcoma, p. 112.
Sery, S. F. - Interferon and classification of tumors
of the ovaries, p. 118.
(D.N.M.)

I. PHARMACY & MATERIA MEDICA

- AKADEMIYA MEDITSINSKOY NAUK SSSR, Moscow,
Institut farmakologii i khimioterapii. Uchenye zapiski
[ACADEMY OF MEDICAL SCIENCES OF THE
U.S.S.R. Institute of Pharmacology and Chemother-
apy. Studies]. Moscow, vol. 1, 1958. New data on
pharmacology and clinical aspects of derivatives of the
phenothiazine series.
Table of contents translated:
Gritsenko, A. I., Zhuravlev, S. V., Skorodumov, V. A. -
Synthesis in phenothiazine series, p. 13.
Vikhilov, I. U. - Dependence between the chemical
structure and pharmacological effect in the series
of some amino derivatives of phenothiazine,
p. 27.
Kruglov, N. A., Kharkevich, D. A. - Effect of
aminazine and meprazine on the conduction of
excitation in some links of the reflex arch, p. 51.
Kruglov, N. A. - Effect of aminazine and meprazine on
some regulatory mechanisms of the motor activity,
p. 59.
Barkov, N. K., Vikhilov, I. U., Kharkevich, D. A. -
Influence of some phenothiazine derivatives on the
effect of curarelike, analgesic, and narcotic sub-
stances, p. 67.
Kavortina, N. V. - Effect of phenothiazine derivatives
on the blood supply of the heart, p. 85.
Vikhilov, I. U., Kavortina, N. V. - Effect of deriva-
tives of the phenothiazine series on some forms of
experimental arrhythmias, p. 97.
Ladinakova, M. I. - Effect of aminazine and meprazine
on reflexes from the heart, p. 105.

- Hubimov, B. I. - Antagonism of ambazone. p. 43.
Rucova, M. F. - Effect of ambazone and mequazine on the blood picture. p. 129.
Gorbatova, E. N., Ponomarev, G. A., Iasnitsov, V. S. - Effect of phenothiazine derivatives on the functions of the alimentary tract. p. 141.
Pravdinskaya, E. I., Smirnova, A. V. - Effect of ambazone and mequazine on the carbohydrate metabolism and the activity of some bacterial preparations. p. 153.
Shevtsova, L. N. - Effect of mequazine and ambazone on oxidizing phosphorylation and separate enzyme systems of tissue respiration. p. 162.
Mishchenko, V. S., and others. - Effect of phenothiazine derivatives on the inflammatory process. p. 167.
Abramova, S. A., Chusnokova, G. D. - Use of mequazine in the surgical clinic, preliminary data. p. 177.
Tatarsov, G. K. - Experience in the use of mequazine and ambazone in the psychiatric clinic. p. 183.

REFERATIVNYI ZHURNAL' FARMAKOLOGIIA, KHIMIO-TERAPEVITCHESKIE SREDSVA, TOKSIKOLOGIIA (Abstracts of Pharmacology, Chemotherapy, Toxicology) (Separate Issue 54). Issued by Institut nauchno-issledovatel'skikh rabot SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, June-July 1968. Periodicity: ukazaniy za 1968 g.

g. PUBLIC HEALTH & NURSING

FELDSHER I AKUSHERKA (FIELDHER AND MIDWIFE). Issued by Ministerstvo zdorovokhraneniya SSSR and Ministerstvo zdravookhraneniya RSFSR [Ministry of Health of the U.S.S.R. and the Ministry of Health of the R.S.F.S.R.], Moscow, vol. 33, no. 6, 1968.

15. AGRICULTURE

a. GENERAL

KILIROBOH UKRAINY [THE FARMER OF THE UKRAINE]. Issued by Ministerstvo selyskhozoiatskoi promyshlennosti SSSR [Ministry of the Production and Processing of Agricultural Products of the Ukrainian S.S.R.], Kiev, vol. 24, no. 6, June 1968.

KISHINEV SEL'SKOKHOZIAISTVENNYI INSTITUT IM. M. V. FRUNZE. Tomy M. V. FRUNZE AGRICULTURAL INSTITUTE. Translations. Kishinev, vol. 46, 1967.

Content: Oganidze, M. M. [Basic rules of the secretory activity of the mammary glands and its regulation, Osnovnye zakony sekretornoi deiatel'nosti molochnoi zhelezy i ee regulatsii] 238 p.

KREST'YANKA [THE PEASANT WOMAN]. Published by Izdatel'stvo "Pravda," Moscow, vol. 10, nos. 7-8, July-Aug. 1968.

MIKROELEMENTY V SIBIRI [MICROELEMENTS IN SIBERIA]. Issued by Komissiya po izucheniyu mikroelementov Sibirskogo otdeleniya Akademii nauk SSSR and Sibirskii nauchno-issledovatel'skii institut [Committee for the Study of Microelements of the Siberian Department of the Academy of Sciences of the U.S.S.R. and the Buryat Scientific Research Institute]. Ulan-Ude, no. 5, 1967.

Table of contents translated.
Makoev, O. V., and others. - Report of the commission on the study of trace elements of the Siberian Department of the Academy of Sciences of the U.S.S.R. for 1956. p. 3.

Koval'skii, A. L. - Some peculiarities of the biogeochemistry of fluorine in soils and plants. p. 27.
Mityayev, V. P., Ivanov, G. M., Martynova, A. S. - Available manganese in the soils of the Tunkinskii ayulak of the Buryat A.S.S.R. p. 32.
Pashneva, G. E. - Zinc and nickel content in some soils of Tselul. Province. p. 35.

Zharikov, I. I., Baldaev, S. N. - Biogeochemistry of the Zaza River valley in the Buryat A.S.S.R. Report No. 2. p. 38.

Kosikov, D. N. - Trace elements (cobalt, strontium and barium) in soils and parent rock in the Amur Valley. p. 47.

Martynov, V. P., Martynova, A. S. - Change in the content of water-soluble compounds of trace and microelements in the soils of Irkutsk Province resulting from interaction with ammonia. p. 53.

Sentlova, M. N. - Tungsten content in plants. p. 55.
Dmitrichenko, M. M., Alibayev, G. A. - Comparative content of iodine, manganese and cobalt in the water and fishes of the rivers of the upper Lena Valley. p. 58.

Zhdanova, L. M., Rastegaeva, N. A. - Content of some trace elements in the waters of the Irtysh River. p. 64.

Margita, M. A. - Manganese and copper content in the mineral waters of the Gorno-Altai Autonomous Province. p. 67.

Abasheva, N. E., and others. - Use of long-term-molybdenum waters on wheat in the Buryat A.S.S.R. p. 71.

Elizarov, M. V., and others. - Effect of feeder and nickel on the loss of nitrogen with the harvest of corn and oilseed potatoes depending on pre-sowing seed treatment. p. 74.

Stefanova, A. M. - Effect of trace elements on the productivity of blue light of alfalfa in the soddy-calcareous soils of Irkutsk Province. p. 75.

Sapozhko, A. A. - Effect of mineral fertilizers on early stages in the development of wheat. p. 83.

Strupchev, A. F. - Economic effectiveness of using mineral fertilizers. p. 89.

Zharikov, I. I. - Trace element biogeochemistry in the sheep-raisers in the Buryat A.S.S.R. p. 91.

Kirillov, S. A. - Content of copper, iron, phosphorus and nitrogen in the sets of soils and their offspring in the Buryat A.S.S.R. p. 95.

Zharikov, I. I., Sapozhko, A. A. - Content of some trace elements in the fleece of Merino sheep in the Buryat A.S.S.R. p. 98.

Rodnikov, N. P. - Mortality of young pigs from renal dystrophy. p. 102.

Barkov, I. A. G., Khrushch, G. G. - Instrumental methods of determination of trace elements in soils. p. 107.

Koval'skii, A. L., Koval'skaya, O. M. - Possibility of using field methods of taking vegetation samples during biogeochemical studies. p. 112.

Mitshayev, A. S. - Possibility of using industrial wastes from factories as fertilizers in Western Siberia. p. 113.

MOSCOW VSESOUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT BIOKHIMII I KHIMIOFIZIOLOGII (Moscow Institute of Biochemistry and Biophysics). Translations. No. 33, 1967. Collection of scientific papers on the use of fertilizers and agricultural soil science.

Table of contents translated.
Karamchikov, I. G. - Fertilization of plants by nitrogen and the quality of winter wheat grain. p. 4.

Chudov, A. I. - Effect of nitrogen and phosphorus fertilizers on the content of free amino acids and nucleic acid in grapevine sap in the spring growing period. p. 15.

Adilov, S. N. - Effect of mineral fertilizers on the barley crop in the gray forest soils of different cultivation. p. 24.

Solov'ev, V. K. - Effect of mineral fertilizers on the sugar beet crop in the sandy-loam soils of Bryansk Province. p. 31.

Mamonov, I. I., Sapozhko, A. A. - Effect of fertilizers applied during cultivation and during sowing in corn on the pea crop in the Northern Step of Azov Region, Chernozems of Rostov Province. p. 39.

Gordiev, A. M. - Fertilization of winter wheat in cropped and leached Chernozems. p. 53.

Gerehik, I. A. - Effectiveness of fertilizers on sugar beets in increased dark chestnut soils under irrigation. p. 62.

Usugov, V. M., Trifilov, B. M. - Effectiveness of mineral fertilizers on corn in the cis-Caucasian calcareous Chernozems under irrigation. p. 77.

Zikharova, M. F. - Effect of the dose of fertilizer with different P_2O_5 contents in the soil on the corn crop under Central Asian conditions. p. 81.

Lopukhina, G. I. - Assimilation of the nitrogen in fertilizers by pea plants: results of experiments with isotope N^{15} . p. 94.

Lopukhina, G. I. - Effect of the phosphorus-potassium fertilizer dose on the fraction of assimilable nitrogen by peas. p. 97.

Leznev, I. E. M. - Study of the accumulation of atmospheric nitrogen by leguminous plants. p. 100.

Grishin, A. A. - Significance of nitrogen for winter wheat in cis-Caucasian calcareous Chernozems. p. 109.

Attena, D. A. - Effect of potassium fertilizers on the harvest and quality of agricultural crops in light soddy-podzolic soils. p. 122.

Attena, D. A., Attena, V. A. - Effect of various forms of potassium fertilizers on the harvest of agricultural crops. p. 129.

Karmachenko, N. M. - Effect of the proportion of elements in mineral fertilizers on harvest and quality of barley. p. 130.

Sendinov, V. F. - Effect of the dose and proportion of the basic elements in mineral fertilizers on the harvest and quality of flaxseed and winter wheat under irrigation in Stavropol Territory. p. 136.

Brayk, G. S. - Effect of fertilizers on the root system of winter wheat and its productivity. p. 141.

Alieva, E. I. - Roles of root-mass growth in annual and perennial cultures. p. 159.

Bakakishcheva, E. A. - Physiological activity of roots of some cultures in the soddy-loess horizons of the soil. p. 159.

Bakakishcheva, E. A. - Effect of root eating on the physiological activity. p. 161.

Iavoslavko, V. D. - Effect of mineral supplies on the summer barley harvest in the typical eroded Chernozems of Kursk Province. p. 171.

Staf'nikov, I. A. - Some problems in timing the sowing of corn. p. 171.

Staf'nikov, I. A. - Effectiveness of meadow sowing. p. 179.

Suray, N. G. - Effectiveness of the use of peat-combustion with mineral fertilizers on light soils in Bryansk Province. p. 187.

Skripshene, A. H. - Effect of molybdenum, and on the harvest and sugar level of sugar beet. p. 191.

Skripshene, A. H. - Effect of molybdenum and cobalt on the pea crop as raised by the Leningrad A.S.S.R. p. 199.

Geller, I. T. - Role of root microflora in plant-litter and phosphorus phosphorus. p. 205.

Sudanova, I. G. - Determination of the action of inhibiting doses of gamma rays on the development of plants in the first period of ontogeny. p. 216.

Pogor, N. T. - Use of herbicides in the Yakut A.S.S.R. p. 223.

Maksimovich, S. V. - Some results of soil and agrochemical investigations in Kostroma Province. p. 228.

Mogilyayev, L. S. - Determination of accuracy for agrochemical determinations. p. 242.

Ganizbov, B. P. - Manganese content in the Chernozems of Omsk Province. p. 250.

Khusov, A. M. - Design of automatic collection lines for the mass analysis of soil samples. p. 255.

Zelinskii, V. V., Lyubimov, B. M. - Construction of a system for radiating plants in an atmosphere with labeled nitrogen. p. 272.

Ladomina, T. P. - Method of paper indicators. p. 277.

OMSK SEL'SKOKHOZIAISTVENNYI INSTITUT [AGRICULTURAL INSTITUTE]. Translations. Vol. 60, no. 3, 1967. Collected issues of the graduates of the department of hydrometeorology.

Table of contents translated.
Belomouk, G. P., Karamchikov, I. V., Mamonov, V. S. - Water balance of Kargan Province. p. 11.

Belomouk, G. P., Karamchikov, I. V., Mamonov, V. S. - Calculation of soil moisture. p. 11.

Belomouk, G. P., Karamchikov, I. V., Mamonov, V. S. - Radiation balance in the territory of the Far East. p. 17.

Belomouk, G. P., Karamchikov, I. V., Mamonov, V. S. - Radiation balance in the Southern Urals, Western Kazakhstan, and Transvolga. p. 20.

Poladov, S. D. - Statistical parameters of the monthly average flow rate of the Irtysh River. p. 44.

Poladov, S. D., Mezentshev, V. S. - Calculation of the ordinate cumulative curve of variability. p. 44.

SEL'SKOKHOZIAISTVO, sistematicheskiy ukazatel' v knozhnykh zhurnalakh "AGRICULTURE". Classified index of Agriculture in Foreign Periodicals. Issued by Tsentrallya nauchnaya i kul'skaya knozhna biblioteka and Vsesoyuznaya posredstvo bibliotek i nauchnoy literatury [Central Agricultural Library and the All-Union State Library of Literature]. Moscow, nos. 6-7/46-147, 1968.

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by Tsentrallya nauchnaya i kul'skaya knozhna biblioteka [Central Agricultural Library]. Moscow, nos. 6-7 1968.

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 28, no. 4, 1968.

Table of contents translated.
Kirillov, I. A. - V. I. Lohin on the mechanics of socialist agriculture. p. 1.

Oshkar, M. - Completion of the Five Year Plan of schedule. p. 6.

Bezrukhi, I. - Cultivation of potatoes on red peat soils. p. 9.

Chaplov, V., Chaplova, T. - New technology, cultivating and harvesting potatoes. p. 12.

Olsanskii, S. - Occupied the 25756-62 sower for vegetable seed sowing. p. 15.

Shel'ter, I. A. - New wind-energy units. p. 17.

Sedak, V., Denisov, G. - New equipment for scale poultry houses. p. 20.

Shul'ga, V. - Why machine milking is being so slowly. p. 22.

Makartan, S., Merkhan, I. - Oganistaya S. Scraping bar assembly for gathering manure. p. 24.

Dedokimenko, I. - Hold carrier for milk can.

- Moshin, A. L. - Hydroacoustic method for trawling products. The use of the abundance of codfish and water temperature in the southern part of the Barents Sea. p. 175.
- Myslenskii, I. P. - Analysis of the sex cycle of female capelin. p. 158.
- Dmitryshin, S. S. - Role of species composition in the formation of the capelin population in the Barents Sea. p. 135.
- Serzhitskiy, V. P. - C. Trapping in the north-eastern Atlantic. p. 215.
- Pashchuk, A. L. - Feeding of codfish and capelin stock. p. 243.
- Zakharov, G. P. - Sexual maturation of Sebastus marinus L. in the North Atlantic. p. 216.
- Nedel'skaya, T. L. - Reproductive habits of the fish in the southern slopes of the Great Newfoundland Bank. p. 267.
- Shelov, V. P. - Ecology and history of haddock in Newfoundland Banks. p. 274.
- Sorokin, V. P. - Some information on gametogenesis and sex cycles of Scorpaenidae of the Pacific Ocean. p. 304.
- Azernikova, S. A. - Long-term forecasting of winter water temperature in the Barents Sea. p. 316.
- Maksimov, I. V., Seleznev, N. P. - General method of forecasting meteorological fluctuations in the ocean. p. 321.
- Maksimov, I. V. - Generalization of fish characteristics of the general circulation of the ocean and the distribution of fish in the world. p. 335.

RYBNOE KHOZIAISTVO [FISHERIES]. Ogran Gosudarstvennogo komiteta po rybnoy khoziazstvu pri SSSR [State Committee for Fisheries, Attached to the Economic Council of the U.S.S.R.]. Moscow, vol. 44, no. 5, 1966.

Table of contents translated:

- New initiative of the USSR in the fishing fleet. p. 2.
- Kanditskiy, A. V. - Results of fish prospecting research. p. 3.
- Dobrynin, M. A., Polshuk, S. I., Solov'yev, E. V. - Natural systems and hydrological fishing progress. p. 5.
- Chernyshev, V. L., Khramov, O. A. - Some data on the behavior of fish in the Sea of Azov. p. 10.
- Makarov, V. N., Pashuk, V. I. - General trends in the distribution of fish of the Great Australian Bight. p. 14.
- Komov, V. L. - Migration of the Egean naves of Yamskaya Bay based on tagging data. p. 17.
- Iakovlev, V. N., Fomosev, A. F. - Method of short-range forecasting of indirect water dynamics indices on the shelf of Northwest Africa. p. 19.
- Lushin, A. L. - Investigation of bottom relief and currents from fishing vessels. p. 23.
- Guliy, V. V. - Methods of estimating natural and fishing mortality coefficients in inland waters. p. 25.
- Mit'shin, V. V. - Increase of salmon population in the Black Sea basin. p. 27.
- Fedorov, V. A. - Speed of predatory fish movements during game time in the system predator - victim. p. 28.
- Vylyzhanin, A. E. - Virus infection of Caspian snails. p. 32.
- Stranov, N. N. - Organizing technical operators of fishing vessels. p. 34.
- Fridman, A. L. - Shape of the ship emerging minimum path in towing trawls. p. 38.
- Egorov, E. N. - Results of operational tests with M-12G diesel oil. p. 42.
- Layin, A. G. - Elimination and determination of deviation of magnetic compass in a fishing area. p. 45.
- Shupik, V. P. - Graphical method of calculating elements of an arc of the great circle on the substated plane table. p. 47.
- Saburenkov, N. M. - Main trends in the development of trawling technique. p. 50.
- Bulbakov, G. R., and others. - How to shorten trawl cables in trawling. p. 53.
- Lishayna, V. P. - Impregnation of capron netting materials with latex mixtures SKS-30 and SVKh-1. p. 56.
- Vinnikov, A. - Change in turnstiles for "Kirkhals" rolling machines. p. 57.
- Verzin, E. L. - Graphical-analytic method of calculating river haul seine. p. 58.
- Ardeev, I. S. - Nomograms for designing panel cooling systems on refrigerator ships. p. 60.
- Pupov, E. - Machine for processing pectoral joints of crab legs. p. 63.
- Korotkiy, G. K. - Curing salted Indian Ocean fish. p. 65.
- Bal', V. V., Pavlov, G. G. - Spectrophotometric method for determining gambus content in pearl essence. p. 68.
- Guliyev, A. N., Babushkina, K. I. - Sodium pyrosulfite for whale liver preservation. p. 70.
- Mrochikov, K. A. - Changes in the weight of portions of the finback whale carcasses. p. 72.
- Mul'isev, I. P. - Price adjustment in the fishing industry. p. 74.
- Savin, N. I. - Economic basis for fishing fleet transportation rates. p. 76.

- Boldyrev, V. A. - Scientific basis for planned production of the ship repair system. p. 78.
- Teubergor, Sh. - Ways to improve the economic effectiveness of the fishing industry in the Kara-Kalpak A.S.S.R. p. 83.
- Smirnov, T. P. - Cargo handling by direct unloading. p. 82.
- Vitkevich, V. S., Denilov, A. N. - Economic problems inherent in increasing seasonal fishery production. p. 85.
- Kulakov, A. D. - Rapid handling of ships in port. p. 87.
- Bogdanov, K. - Economic reform and production potentials. p. 88.
- Glazunov, M. T. - Characteristics of the analysis of network schedule graphs using "Radan-2" computers. p. 90.
- Nikonorov, I. V. - International conference. p. 93.

Vol. 44, no. 4, 1966.

Table of contents translated:

- Winners of the all-Union socialist competition for the 4th quarter of 1967. p. 2.
- Trofimov, V. P. - Tenders. p. 4.
- Denilov, T. F. - Causes of the fluctuation in the abundance of Pacific herring. p. 7.
- Gel'man, A. A. - Control measures against ectoparasites of salmon breeding larvae. p. 11.
- Kuznetsov, V. E. - Forecasting the productivity of herring fishery in the Norwegian Sea. p. 12.
- Gheva, I. D., Gusev, N. A. - Natural reproduction of fish salmon herring in the White Sea. p. 13.
- Fedorov, I. P. - Some data on the morphological properties and the distribution of eggs and larvae of the Spanish mackerel. p. 14.
- Iakovlev, V. N., Sherstnev, A. P. - Biology of young pink salmon and chum in the sea. p. 16.
- Litvinovskiy, M. A., Bogachuk, G. D. - Methods of rearing young salmonid fish. p. 18.
- Lezhnev, T. V. - Observations on stream spawning in Gorky Reservoir. p. 20.
- Kanetskiy, E. V., Belkin, S. I. - Main trends in the development of modern trawling boats. p. 22.
- Kondratyev, V. I., Tarasenko, V. E. - Determination of the optimum amount of repairs needed by ship combination engines. p. 26.
- Komarov, N. L. - Effect of the quality of fuel on the aging of oil. p. 30.
- Timin, A. P. - Hydroacoustics in the service of commercial fisheries. p. 32.
- Lazarev, V. A. - Determining a vessel's position during navigation at alternate speeds and courses. p. 34.
- Kutik, I. A. S. - "White line" in "Palus-M" and "Kal'mar" echo sounding stations. p. 36.
- Bolotov, N. F. - Safety measures in the Ostrovsk expedition in the fall of 1967. p. 36.
- Sakharov, N. M. - Main trends in the development of trawling technique. p. 38.
- Nikonorov, E. V. - Behavior of fish in the light beam during pump fishing. p. 43.
- Fedorov, V. A. - Device for measuring the depth of a trawl. p. 46.
- Verzin, E. L. - Coefficients of the catchability of river haul seines. p. 48.
- Makel'mov, V. V. - Repair of worn parts by electric arc welding. p. 51.
- Shapovalov, E. L. - Optimum height of a mechanized device for fishing cods in the Sea of Azov. p. 53.
- Kirillov, O. - Operational synoptic surveys performed aboard the whaler "Svetlana Uralova". p. 54.
- Fatulin, E. M. - Work load of the equipment of factory trawlers. p. 55.
- Shtanovich, V. V. - Analysis of automated quick-freezing apparatus (ASMA) performance during fishing. p. 58.
- Prosekov, V. G. - Effect of technological factors on the effectiveness of mixed fish. p. 61.
- Dikov, V. P., Makarov, O. E., Khvan, E. A. - Technological characteristics of some commercial fishes of the Indian Ocean. p. 63.
- Sushko, A. M. - Formulation of edible whale meat. p. 65.
- Selink, O. - Swelling from heads and urine of squids. p. 67.
- Korotkiy, G. S., and others. - Effect of defrosting on the nutritional value of squid. p. 69.
- Rukov, A. I. - Cooperation between fishing and transport fleets during high-sea fishing. p. 71.
- Ponomarev, A., Zhdan, R. - Improve the accounting and budgeting system. p. 74.
- Krivonozov, A. - Bonus fund of shops as an economic incentive for a more effective utilization of basic capital. p. 78.
- Vitkevich, V. S., Reshetnikov, I. P. - How to improve the pay system of the workers of the fishing fleet. p. 78.
- Nemirovskaya, V. I. - Introduction of cost accounting in repair shops. p. 81.
- Makshiev, V. G. - Scientific organization of labor on a production refrigerator trawler. p. 83.
- Menshikov, V. V., Kostakov, I. A. - Study by population model of the sockeye salmon fishery in the Ozerovskaya River. p. 85.
- Zaitsev, V. P. - International relations in the field of fishery research and the fishing industry. p. 91.

Vol. 44, no. 5, 1966.

- Table of contents translated:
- Great labor victory of the trawler "Permyshskiy". p. 2.
- Iakovlev, I. K. - Kazakh Scientific Research Institute Fisheries. p. 3.
- Nikolayev, A. S. - Use of echo sounding devices in studying the distribution of Pacific salmon in the ocean. p. 5.
- Sytkin, V. A., Gell, V. N. - Spiked double fish. p. 8.
- Makarov, E. V., Tikhonova, S. V. - Sexual maturation of Azov sturgeon. p. 9.
- Nedel, A. D. - Transplantation of Clupeoidae eggs. p. 12.
- Tikhonov, I. S. - Trends in the development of the Ladoga fisheries. p. 13.
- Glazunov, T. P., Malukova, E. M. - Effect of protein content in the blood composition in young salmon. p. 15.
- Lezhnev, S. P. - Attention! Red bait. p. 19.
- Pezner, N. L. - Investigation of the wear of ship engine shafts during operation. p. 21.
- Kamenskii, E. V., Belkin, S. I. - Basic trends in development of modern trawling boats. p. 22.
- Voevodin, G. N. - Broader utilization of plastic in ship repair. p. 27.
- Karpavichuk, K. P. - Causes of failure of "Bakal'nik" engines. p. 32.
- Selink, S. P. - New use of the spring during fishing. p. 35.
- Pashuk, I. U. - Modern requirements in the construction of ship repair. p. 36.
- Poznyak, G. I. - Some characteristics of the handling with the RTM 7040 "Al-diamond". p. 41.
- Eremenko, P. - Efficient cooperation. p. 41.
- Semakov, I. A. - Expanded and improved mackerel fishing in the Pacific. p. 42.
- Ushakov, I. G. - Child winches on the RTM "Al-diamond". p. 46.
- Lezhnev, E. A. - Drifters for measuring the area between cables and vessel drift. p. 50.
- Timin, A. G. - Some characteristics of the fishing unit aboard the RTM "Al-diamond". p. 56.
- Korotkiy, G. S., Ostapenko, V. P. - Repair of the running shop aboard the first factory ship "Krasnyy Izhik". p. 58.
- Draugeliene, J., Vosilskaya, E. - New product from salt herring. p. 61.
- Chilikov, V., Malukova, E. A. - Tilted products aboard the RTM "Gerkules". p. 63.
- Mashentkov, I. U. - Automated production line of the mackerel. p. 65.
- Gazha, N. A. - Technological improvements on the fishing factory ship "Svetlana Uralova". p. 68.
- Glazunov, A. V. - Dismountable wheel in the trawler. p. 68.
- Kamenskii, M. I. - Effect of trying intensity, fertilization conditions on the quality of fish. p. 71.
- Dikov, V. P., Makarov, O. E., Khvan, E. V. - Technological characteristics of some commercial fish of the Indian Ocean. p. 73.
- Makshiev, E. A. - Economic efficiency of accelerated transportation of fishery products. p. 77.
- Krivonozov, A. - Interest rates on fixed capital must be differentiated. p. 77.
- Zhuravlev, M. - Scientific management brigade aboard a trawler. p. 79.
- Isaev, I. S. - Training and qualification of crew members of sea. p. 80.
- Sosnin, V. - Accident prevention training of the crew of the trawler "Dnestro". p. 81.
- Shupik, E. I., Ekin, B. - Work experience of the crew of RTM "Kampus". p. 82.
- Davydov, P. S., Chernyshev, V. O. - Calculating geographical coordinates with automatic correction of navigational corrections. p. 84.
- International relations in the field of fishery research and fishing industry. p. 93.

VETERINARIA [VETERINARY MEDICINE]. Ogran Ministerstva sel'skogo khoziazstva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. no. 6, June 1966.

- Table of contents translated:
- Strengthen the control of harmful insects and diseases. p. 1.
- Crash program of action; competition of veterinary specialists of the Transcaucasian republics. p. 4.
- Accelerated rhythm. p. 7.
- Uzakov, U. A. - Prophylaxis of blood parasites in animals. p. 10.
- Symonovskiy, N. A. - Results of parasitological. p. 13.
- Shakhov, E. A., Imantova, N. G. - Standard method of tagging cattle. p. 15.
- Kostrominov, N. M. - Cytological study of erythrocytes in cows with lymphoid leukosis. p. 17.
- Vilov, B. P., Zelenkii, V. P. - Antigen preparation of erythrocytes in fowl lymphoid leukosis. p. 19.
- Krylov, N. P. - Immunological identification of different strains of apicomplexes in birds. p. 21.

- ways and measures for its prevention. p. 4.
Deygalev, A., Ulyayev, A. - Once more about mining foremen. p. 4.
- Lutchenko, A. S., Mezheverkhov, B. G., Noshayev, M. S. - Methane combustion during blasting of fractured rock. p. 7.
- Sultarbayev, V. M., Stetsko, A. P. - Separation of release. p. 8.
- Nifedov, B. I. - Measures to insure safe working conditions in underground operations at the "Apak" Colliery. p. 11.
- Olenchuk, I. I., Korotchenko, M. A. - Work safety in coal-dusting and gas-dusting. p. 14.
- Podguzov, V. V. - Prevention of explosions of compressed gas containers. p. 17.
- Humantsev, A. A. - Safety engineering problems and the scientific organization of labor. p. 19.
- Arstamov, V. G., Kraschinsk, V. A. - Experience in engineering works of the "Kaznodolnostank" mine collective. p. 21.
- Kulib, P. A., Svirskii, L. V. - At the No. 2 Feliks-Kon Mine. p. 24.
- Doroshin, I. I., Koverko, V. A., Pashkov, V. N. - Volunteer workers strive for work safety. p. 26.
- Il'inskiy, S. - Experience of Enka proletarian industry workers. p. 30.
- Vagayev, A. - Buried risks removed the danger. p. 31.
- Gusev, T. D. - Success of the "Stargrozet" Petro-Team Production Administration. p. 35.
- Vedernikov, M. I., Iovenko, E. I. - Methods and instruments for determining toxic and explosive substances in the air of industrial buildings. p. 35.
- Trifil'kov, L. D., Alekseyev, V. I. - Dangerous vibrations of tower cranes. p. 42.
- Abramov, V. K., Kravtsov, L. E. - Likelihood of explosions in the pneumatic conveying system and their prevention. p. 44.
- Bondaruk, A. I., Pavlov, V. E. - Mechanisms of clamping in blasting operations. p. 48.
- Abramov, V. P., Cheloborshiy, B. I., Sidorenko, V. I. - Safety in pneumatic churning of wells and wire churning with DPK-3 pneumatic chargers. p. 49.
- Sychev, L. I., Nizhkov, I. G., Maslova, E. G. - Capacitance of SHRE and SHRE mining cable with regard to the ground. p. 53.
- Zharikov, I. I., Tselish, P. P. - Methane and carbonic acid gas gauge. p. 54.
- Underline on continuous improvement of safety engineering in coal mines. p. 59.
- Abramov, V. A., Prolov, N. A., Kholodov, V. G. - See also All-Union Interregional Scientific Research Conference on Ventilation and Ventilation Equipment. p. 61.
- INFORMATSIONNYI UKAZATEL' STANDARTOV INFORMACION INDEX OF STANDARDS.** Issued by Gosstandart SSSR [State Committee of Standards, Measurements, and Measuring Instruments of the U.S.S.R.]. Moscow, vol. 20, no. 6, 1968.
- INZHENERNO-FIZICHESKI ZHURNAL [JOURNAL OF ENGINEERING PHYSICS].** Issued by Akademiya nauk SSSR [Academy of Sciences of the Union Republic S.S.R.]. Moscow, vol. 14, no. 5, May 1968.
- Table of contents translated:
- Krasulov, V. V., Smirnov, M. S. - Application of the problems of heat conductivity with moving boundary in the analysis of drying processes. p. 773.
- Kunin, I. - Correlated problem of heat transfer in a laminar boundary layer with blowing. p. 781.
- Berzanskii, P. N., Oshiba, A. N., Sachkova, L. G. - Friction in the preparation and heat transfer in the separation area of a turbulent boundary layer in heated air flow in a diffuser with cooled walls. p. 792.
- Tabellan, G. A., Akhmedov, M. Kh. - Effect of the diffusion rate of surface-active substances on petroleum demulsification. p. 797.
- Doroshina, V. A., Zhelov, A. I. - Characteristics of electric resistance of hardened beds of conducting particles. p. 802.
- Opman, I. A. S. - Investigating the effect of initial moisture content in a material on parameters of the process in a dryer. p. 808.
- Filiakov, A. A. - Compatibility of stationary systems. p. 814.
- Feldshteyn, N. A. - Electric simulation of boundary conditions in unsteady-state problems of mass and heat transfer. p. 820.
- Mikhailov, M. D. - Generalized finite integral transformation. p. 826.
- Ivanov, R. A. - Unsteady temperature fields in the heat-conductor flow in a channel. p. 832.
- Gorelik, A. G. - Heat conductivity of a hollow cylinder under boundary condition of the fourth order on the external surface. p. 840.
- Solov'ev, B. A. - Profile of a radiating disk with minimum weight. p. 845.
- Lubchinskii, I. S. - Theory of Rayleigh heat propagation in a condensed medium. p. 849.
- Lutner, V. M., Korotchenko, M. A. - Effect of molecular collisions on the transfer phenomena in hot gases. p. 857.
- Podtserko, A. V., Lavrenko, V. A. - Equation of the thermal balance of a thermocouple sample in an isotropic medium. p. 855.
- Martynov, S. I., Kharitonov, V. V. - Combined determination of thermophysical characteristics of sprayed materials. p. 873.
- Zhuravskii, S. S., Antonov, N. V., Nikitin, V. S. - Effective heat conductivity of a disperse layer at high temperatures. p. 877.
- Vagayev, A. I., Zaitseva, L. S., Akush, I. V. - Experimental investigation of the heat conductivity of vapors of toluene, diphenyl, and tetrachloroethane. p. 882.
- Kasheva, V. E. - Photoelectron attachment for measuring plasma temperature. p. 890.
- Martynov, S. I., and others. - Stability and dispersion of conducting droplets in electrolyte medium in a uniform electric field. p. 895.
- Lavrenko, M. I., Efim, V. P. - Effect of surface tension and viscosity of a fluid on the closing of a cavitation cusp. p. 893.
- Gonim, V. G. - Propagation of a laminar turbulent jet along the plane and curved surface of a solid body. p. 903.
- Iskhakova, A. - Using Goulet diagram for approximate temperature calculation of a heat-insulated cylindrical wall. p. 915.
- Kraschinskaya, E. M., Chibrikov, H. S., Kostylev, H. V. - Relationship between the heat conductivity coefficient of non-freezing liquids and the displacement velocity. p. 915.
- Doroshin, V. M., Nekhotov, H. P. - Firing a thermocouple film for casting limestone in a fluidized bed. p. 921.
- Kraschinskaya, E. M., Fedorov, M. I. - Conditions for the onset of fluidization of heat exchange with a turbulent fluid flow. p. 923.
- Bakulin, H. I., Verba, M. I., Pashov, V. D. - Heat conductivity of gas mixtures reacting with a fluid. p. 925.

UDNYI TEKHNIK (YOUNG TECHNICIAN). Issued by TsK VIKSM [Young Pioneer Central Committee of the All-Union Communist Youth League of Leningrad and the Central Council of the Leningrad Province]. Moscow, vol. 12, no. 8, Aug. 1968.

IZOBRITATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoyuznoye obshchestvo izobretenel i ratsionalizatorov [All-Union Society of Inventions and Efficiency Promoters]. Moscow, no. 6(262), 1968.

Table of contents translated:

The All-Union Society of Inventions and Innovators keeps traditions and promotes innovations. p. 1.

Official means to the same objective. p. 3.

Sestov, P. A. - Start the construction. p. 3.

Local work. p. 9.

Serebrenik, E. - Effect of simple solutions. p. 9.

Shagin, V. - What is a recommendation worth? p. 7.

Golobok, A. - Pressing pictures. p. 9.

Vashkov, B. - Self-heating. p. 10.

Doroshin, V. - Invention belongs to the state. p. 12.

Technological work. p. 13.

Moskalev, E. - From an aircraft carrier made of ice. p. 16.

Tarkhanovskiy, V. - Do not be worried about glass. p. 18.

Advertising board. p. 20.

Correlated-theory. p. 22.

Pressman, A. - Will the factor be good? p. 23.

Klavitskiy, H. - New kind of glass protection. p. 24.

Vishniakov, I. - Tschibbe's formula. p. 26.

Patents of the world. p. 30.

Lishor, A. - Is it difficult or not? p. 31.

Chernikovsky, A. - The heat is the object of thermal action. p. 32.

Brief news. p. 34.

Barabang, A., Velsberg, V. - Magnet and a drop of mercury form an automatic switch. p. 30.

Kotsar, S. - Once more about "ML." p. 33.

Newspaper on glass. p. 39.

Readers' letters. p. 39.

Gavrilov, E. P. - In your lawyer's office. p. 40.

IZOBRITENIYA, PROMYSHLENNYE OBYEKTSY, TOVARNYE ZNAKI [INVENTIONS, INDUSTRIAL SAMPLES, TRADEMARKS]. Issued by Komitet po delam izobretenel i shtyrfu pri Sovete Ministerov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 45, nos. 18-22, 1968.

LENINGRAD. POLYTEKHNIЧЕСКИЙ ИНСТИТУТ. Truly [POLYTECHNIC INSTITUTE. Transactions]. No. 272, 1967. Electrolysis in the metallurgy of nonferrous metals.

Table of contents translated:

Balmakov, H. V. - Electrolysis of fused high-melting metal salts. p. 7.

Sokolovskiy, S. N. - Feasibility of the system $\text{CrCl}_2 - \text{NaCl}$. p. 20.

Sokolovskiy, S. N., Sidorov, Kh. K. - Electrochemical potentials of chromium in fused chrominum and sodium chlorides. p. 32.

Sokolovskiy, S. N., Sidorov, Kh. K. - Processes during chromium deposition in electrolytes. p. 35.

Sokolovskiy, S. N. - Electrolytic deposition in fused salts using a graphite anode. p. 37.

Tonkskiy, I. V. - Metallic nickel behavior in nickel chlorides and alkali metals. p. 39.

Danilov, I. I. - Changes in the activity of other components. p. 41.

Vedernikov, G. F., Votakov, M. M. - Solubility and emulsifying capacity in the electrolytic production of aluminum. p. 43.

Borsimov, O. P. - Interaction between aluminum dissolved in a cryolite melt. p. 43.

Chavilov, R. G. - Mechanism of the reaction during the electrolysis of cryolite melt. p. 49.

Batashov, K. P., and others. - Stability, graphitic anodes during the electrolysis of molal chlorides. p. 67.

Kazanskii, V. I., Kikmorja, O. K., Zaitsev, I. I. - Recovery from sulfate sorption on ion-exchange resins. p. 71.

Zharin, A. I., Shumova, A. V. - Formation of nickel-copper alloys and the best sorption by ion-exchange resins. p. 71.

Antonov, A. N. - Conditions in which the electrolytic deposition of nickel is possible. p. 71.

Vidkov, L. V., Ulyayev, B. P. - Study of means discharge of zinc and nickel solutions on a mercury electrode. p. 71.

Ulyayev, B. P., Sokolovskiy, S. N., Sidorov, M. M. - Electrolytic preparation of aluminum from chloride acid solutions. Investigating polarization curves and their efficiency in chromic acid solution. p. 71.

Ulyayev, B. P., and others. - Electrolytic preparation of high-purity chromium from chromic acid. Report No. 2: Effect of electrolysis on the passage of impurities in electrolytic chromium. p. 71.

Ulyayev, B. P., and others. - Electrolytic preparation of pure chromium from chromic acid. Fluoride anhydrous. p. 71.

Ulyayev, B. P., Shumova, A. V. - Electrolytic preparation of pure manganese from chromic acid. p. 71.

Ulyayev, B. P., Terent'eva, N. I. - Electrolytic preparation of high-melting metal salts of potassium permanganate with sulfuric acid. p. 71.

Zharin, A. I., Guseva, N. S. - Electrolytic preparation of permanganate. p. 71.

Il'inskiy, K. P., Parnomena, K. V. - Electrolytic preparation of aluminum and its alloys. p. 71.

Kuznetsov, V. P., Batashov, K. P. - Electrolytic preparation of aluminum. p. 71.

MODIFI-KONSTRUKTOR [DESEIGNER]. Issued by TsK VIKSM [Central Committee of the All-Union Communist Youth League of Leningrad and the Central Council of the Leningrad Province]. Moscow, vol. 12, no. 8, Aug. 1968.

PMTE, zhurnal prikladnoi mekhaniki [PMT, Journal of Applied Mechanics]. Issued by Sibirskoe otdelenie SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, May 1968.

Table of contents translated:

Danilov, V. N. - Calculating the parametric resonance in a high-magnetic field. p. 3.

Gavrilov, A. T., Sevast'yanov, V. G. - A cylindrical electrode allowing heat transport by radiation. An arc in the pressure of 100 atm. p. 17.

Barvich, H. A., Guseva, A. I. - A non-stationary solution of the problem of ignition of solid propellant. p. 23.

Il'inskiy, V. I. - Ignition of solid propellant. p. 23.

Il'inskiy, V. I., Moskalenko, V. N. - The constants of polyethylene. p. 41.

Aleksandrov, K. S., Tatarskiy, I. I. - Constants of axial texture in the V-shaped approximation. p. 48.

Vollenko, A. E., Sobolev, O. P. - Some acceleration of a magneto-hydrodynamic wave. p. 50.

Baryshev, H. V., and others. - Recombination charges on the cathode of models of hydrodynamic devices. p. 54.

Ufand, I. A. S., Cherkov, I. B. - Quasi-steady effects of electroconductivity in a gas discharge. p. 50.

Derevianko, V. A., and others. - Non-linear interaction of conducting media in an electric circuit. p. 59.

Chuvpovskiy, E. N. - Some calculated chemical processes in a plasma with varying initial conditions. p. 67.

Ilyayev, V. N. - Characteristics of a porous anode cooling. p. 72.

- Smirnov, S. A. - New center for scientific and technological displays, p. 83.
 Lutsenko, A., Oskolkova, T. - Standards and factors, p. 85.
 Kozlov, B. A. - Gold lightning, p. 87.
 Bratov, N. N. - Characteristics and results, p. 88.
 Orlinov, V. V. - Shepler, more convenient and reliable, p. 89.
 Rukhshanka, A. M. - Components of stress, p. 91.
 Alimov, V. A., Novichikov, V. P. - Technical requirements for initial runner supports, p. 92.
 Makreshin, M. S. - New standards for skilling across-overs, p. 92.
 Chibrikov, I. P. - Valuable assistance, p. 93.

SVERDLOVSK URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNICAL INSTITUTE. Papers]. Moscow, no. 162, 1967. 7 pp., and bibliography of rolling.

Table of contents translated:

- Klukin, B. L., Tarovskii, I. A. - Using the integral method in the variational problems of the theory of rolling, p. 1.
 Tarovskii, V. I., Kotsin, S. L. - Formulation of the method of integral equations of power for calculating forces in pressure metalworking processes, p. 6.
 Klukin, B. L. - Direct method of the theory of stresses in problems related to rolling, p. 15.
 Galin, B. M., Tarovskii, I. A. - Determination of stresses and deformations in the theory of pressure metalworking by the Trefftz variation method, p. 19.
 Vydrin, V. N., Fedotenko, A. S. - Analyzing dynamic processes in continuous cold-rolling mills, p. 23.
 Vydrin, V. N., Krainov, V. I. - Continuous rolling on mills with a single driving roll, p. 31.
 Fedotenko, A. S., Vydrin, V. N. - Certain characteristics of processes in double stand cold-rolling mills, p. 35.
 Isatshinskiy, M. I., Pollakov, M. G., Kozovskiy, I. U. I. - Forward flow and critical angle in rolling on four-high mill grooves, p. 56.
 Pollakov, M. G., Kozovskiy, I. U. I. - Spacing and full groove in rolling on four-high mill grooves, p. 63.
 Bolarshteyn, M. I., Pollakov, M. G., Kozovskiy, I. U. I. - Forming in rolling on four-high and dam-mill grooves, p. 73.
 Bolarshteyn, M. I., Pollakov, M. G. - Movement of rolling in grooves of four-high mills with a pair of roller rolls, p. 82.
 Klukin, B. L., Tarovskii, I. A. - Variational study of the forming in a single-stand rolling, p. 90.
 Nikulin, V. I., and others. - Backward and forward flow in rolling the square strip in flat mill grooves, p. 98.
 Kotsin, S. L., Chichigin, V. A., Tarovskii, I. A. - Theoretical analysis of a case of nonsymmetrical rolling in rolls with individual drives, p. 105.
 Skochkov, A. M., and others. - Determination of a kinetically possible velocity field in the theoretical analysis of rolling processes in grooves, p. 112.
 Mukorich, B. M., and others. - Calculating the forming and the energy and power parameters in rolling angular sections in conical bath-type passes, p. 117.
 Mukorich, B. M., and others. - Calculating the forming and the energy and power parameters in rolling equilateral angular sections in thickening grooves, p. 125.
 Mukorich, B. M., and others. - Calculating deformations and the energy consumption in rolling Z-shaped sections, p. 132.
 Skorokhodov, A. M., and others. - Investigating rolling processes in closed shifting beam passes, p. 139.
 Skorokhodov, A. M., and others. - Determination of a kinetically possible velocity field in rolling H-beams on universal mills, p. 140.
 Vydrin, V. N., Balin, I. U. T. - Characteristics of rolling processes in box grooves, p. 142.
 Vydrin, V. N., Agre, L. M. - Contact stresses in rolling with pull and backup, p. 159.
 Vydrin, V. N., Pol'skii, V. P., Fedotenko, A. S. - Conditions of the roll bite of a strip in rolling with backup or pull, p. 160.
 Vydrin, V. N., Krainov, V. I. - Experimental investigation of rolling with strip slipping, p. 170.
 Atkhis, G. E., Dorogobid, V. G. - Yield point of multilayer metals, p. 184.
 Bolarshteyn, M. I., and others. - Reducing bimetallic strips with self-sealed cladding, p. 182.
 Tarovskii, V. I. - Calculating the forward flow in rolling on smooth rolls, p. 198.
 Odnoskov, I. U. I., and others. - Analyzing torsional moments of the 1150 blooming mill and introducing efficient velocity conditions of rolling, p. 202.
 Tarovskii, I. A., and others. - Developing and adjusting intensifier conditions of reduction on the 1150 blooming mill after reconditioning, p. 209.
 Odnoskov, I. U. I., Chichigin, V. A. - Forces of deformation and consumption of electric power in rolling basic products on NPMK blooming mills, p. 215.
 Kurzh, V. P., and others. - Rolling of heavy ingots on slabbing mills, p. 219.

- Fredtzen, L. Z. - Optimum conditions for rolling ingots on plate mills, p. 226.
 Skorokhodov, A. M., Danilov, P. I. - Calculating the two-stand spread in rolling wide sheets, p. 231.
 Kaptin, M. I., Fritsulin, V. Kh. - Certain causes of ragged edge formation and of strip breaking in cold rolling of strips and plates, p. 237.
 Zaverucha, V. N., Nizhick, B. P. - Feasibility for applying methods of mathematical modeling in investigating temperature conditions of rolling mill rolls, p. 245.
 Zaverucha, V. N., Gavrilov, L. N. - Investigating temperature conditions of rolling mill rolls on electronic digital computers, p. 248.
 Solovov, V. K., Shilov, V. A. - Nonograms for determining the contact area in the diamond-horn system of rolling, p. 252.
 Sholov, A. L., Vydrin, V. N., Berezin, E. N. - Investigating conditions of filling in rolling wide sheets on blooming mills, p. 253.
 Vydrin, V. N., Anisov, B. N., Kozovskiy, G. V. - Thermal hardening of steel by the spray cooling method, p. 260.

SVERDLOVSK URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNICAL INSTITUTE. Transactions]. No. 163, 1967. Studies in the field of analytical chemistry of rare and noble metals.

Table of contents translated:

- Boriseva, V. F., Bodzhukova, V. N. - Determination of germanium in dilute concentration by the method of differential photometry, p. 5.
 Voznitsa, V. F. - Complexometric determination of cerium(IV), p. 10.
 Kuznetsova, V. K. - Determination of palladium in alloys, p. 14.
 Kuznetsova, V. K., Tsvetkov, M. D. - Spectrophotometry of the effect of aluminum and titanium (IV) chlorides with cobalt(III) D, p. 20.
 Kozlovskiy, R. F., and others. - 1,5-di-12-oxo-5-oxo-1,3,4,5-tetrahydrazine as reagent for zinc(II), p. 26.
 Sashkova, S. G., Marafanova, V. I. - Studying the reactions of gelatinic IVs with dihydroxyacetone, 1,4-dihydroxyacetone, and dihydroxybutanone, p. 35.
 Morozova, V. I., Babin, L. I., Sashkova, S. G. - Potentiometric method of determining tellurium, p. 42.
 Chechova, A. M., Podchalaeva, V. N. - Extractive spectrophotometric determination of platinum with the help of 1,4-dihydroxybutanone, p. 47.
 Chechova, A. M., Rukhshanka, A. V., Litvinchuk, V. I. - Studying the reaction of platinum with certain 1-substituted tetrazolene-5-thiones, p. 52.
 Podchalaeva, V. N., Skornitskaya, L. V. - Electrode determination of microamounts of boron in soils with benzene, p. 66.
 Tkachen, M. D. - Copper determination by colorimetry, p. 65.
 Kuznetsova, A. S. - Studying the solubility of insoluble inclusions in steel in the process of their dissolution by various methods, p. 69.
 Kuznetsova, A. S., Sleshtor, V. D. - Making diagrams for the location of microinclusions by electrolysis in two electrolytes, p. 75.
 Penasova, A. I., Serebryakov, V. P. - Semiquantitative spectral analysis of small fractions, p. 82.
 Hurevich, E. N., and others. - Determining conventional metallicity constants of Fe(III), Co(II) and Ni(II) with the means of the benzothiazole system by the ion exchange method, using radioactive indicators, p. 88.
 Kuz'menkov, N. I., Iakimets, E. M., Valner, M. G. - Interferences during the complexometric determination of calcium and magnesium and their elimination, p. 91.
 Radka, V. A. - Analysis of AZHMA bronze for its content of aluminum, manganese, iron, and copper by the complexometric method, p. 94.
 Kozlov, K. A., Kalitshenko, L. I., Oshchepkova, V. I. - Potentiometric determination of sulfamonomitans in aqueous salt solutions, p. 102.
 Zolotarev, V. L., Plotnikov, R. N., Tolstov, L. K. - Studying the state of water in hydrated vanadium pentoxide by the nuclear magnetic resonance method, p. 100.
 Tolstov, L. K., and others. - Studying the composition of hydrated precipitates of pentavalent vanadium, p. 110.

TASHKENT POLYTEKHNICHESKII INSTITUT. Trudy [POLYTECHNICAL INSTITUTE. Transactions]. No. 30, 1967. Theory of mechanisms and machines.

Table of contents translated:

- Khrushch, V. R., Kotski, K. Kh. - Sensory element for angular shifts, p. 3.
 Munster, N. S., Kimchi-Mural, N. E. - Plotting of isocyclic planes of reversible speeds of link gears and mechanisms with double motion kinematic pairs, p. 9.
 Munster, N. S., Khrushch, V. R. - High reversible driving gear of vertical spindles in cotton harvesting apparatus, p. 15.

- Munster, N. S., Khrushch, V. R. - Investigation of driving gear of vertical spindles, p. 15.
 Munster, N. S., Fokis, N. M. - Lary self-locking mechanism, p. 15.
 Beliner, L. D. - Characteristics of lateral cross sections of a of variable axial pitch, p. 15.
 Beliner, L. D. - Partial calculations for linear frictional saw pitch, p. 40.
 Kuznetsov, B. Sh., Minshin, G. V. - Automatically controlled spiral and helical gear drive, p. 58.
 Novosel'skiy, B. Sh. - Determining parameters with teeth profile Archimedes spiral, p. 58.
 Munster, N. S. - Efficiency of forward moving compound Shipler'skiy, B. A. - Investigating fast polymeric bearings, p. 70.
 Khrushch, V. R. - High gear drive, p. 60.
 Munster, N. S., Anisov, A. A. - Efficiency of reducing compound, p. 60.
 Beliner, L. D. - Determining and making dimensions of the parametric family of such, p. 60.
 Anisov, A. A., Munster, N. S. - Efficiency of the gear pair in bearings, p. 100.

TEKHNIЧЕСКАЯ ЭСТЕТИКА [

Technical Aesthetics]. Issued by Vsesoyuznyi nauchnoissledovatel'skiy institut tekhnicheskoy estestvoispytaniya (USSR Academy of Sciences Institute of Technical Aesthetics), Moscow, vol. 5, no. 3, May 1967. 10 pp., and bibliography of technology and art research.

- Table of contents translated:
- Krasovskiy, Zh. G. - Design and the aesthetic work, p. 1.
 Iakimov, V. - Style of individual design, p. 3.
 Solovov, S. - Appearance, p. 3.
 Novikova, T. - Style of engineering development of visual aids, p. 12.
 Rubtsov, G., Gulyaev, G. - The aesthetic and industrial design, p. 21.
 Zagorskii, F. - Synthesis of lines in the creative power, p. 27.
 Aronov, V. - Geometry of the line in design, p. 29.
 Fainberg, I. A., Kuz'menkov, E. - The aesthetic work, p. 32.

VSESOUZNIY SOVIET NAUCHNOISSLEDOVATELSKIY INSTITUT TEKHNIЧЕСКОЙ ЭСТЕТИКИ [USSR ACADEMY OF SCIENCES INSTITUTE OF TECHNICAL AESTHETICS]. Moscow, no. 3, May 1967.

- Table of contents translated:
- Novikova, T. - The aesthetic and industrial design, p. 21.
 Aronov, V. - Geometry of the line in design, p. 29.
 Fainberg, I. A., Kuz'menkov, E. - The aesthetic work, p. 32.
 At the Moscow Small Palace of Culture, O. Kozlov, S. Kozlov, and others. - The year quota about of the year, p. 3.
 Sliv, D. - The aesthetic and industrial design, p. 21.
 Rubtsov, G., Gulyaev, G. - The aesthetic and industrial design, p. 21.
 Solovov, S. - Appearance, p. 3.
 Novikova, T. - Style of engineering development of visual aids, p. 12.
 Rubtsov, G., Gulyaev, G. - The aesthetic and industrial design, p. 21.
 Aronov, V. - Geometry of the line in design, p. 29.
 Fainberg, I. A., Kuz'menkov, E. - The aesthetic work, p. 32.

1761

- Sychevskiy, G. I., Chulstovskiy, V. M. - Mathematical treatment of static characteristics of a distilling plant. p. 149.
- Pin, I. G. - Mass transfer in the wall drops of large diameter in constantly state of their motion. p. 152.
- Pin, I. G. - Mass transfer in turbulent flow currents of large drops continuously distilling in size. p. 157.
- Gurshlan, A. K., Dvoryanova, L. N. - Kinetics of grinding the brittle substances in ball mills. p. 163.
- Sidenov, N. A., Shekhtov, A. A. - Friction angles of powder materials and their significance in mixing. p. 167.
- K. Lohmar, S. I., Sirpanovskiy, V. E. - Diffusion through porous medium in round convective flow of gas. p. 170.
- Dal, V. I., Basilevich, I. I. - Protection of air and reservoirs from the contamination of smoke chemical plant discharges. p. 181.
- Yegzhela, D. P., Arzumanyan, M. A., Badaryan, S. I. - Accelerated firing of high-groove artillery. p. 186.
- Gorodich, O. I. - Internal system of automatic control for chemical industry. p. 190.
- KHIMICHESKOE I NEFTJANOE MASHINOSTROENIE [CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE].** Organ of Gosplanovskiy komitet khimicheskogo i neftepromyshlennogo stroeniya pri Gosplane SSSR [State Committee of the Chemical and Petroleum Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 5, May 1969.
- Table of contents translated:
- Mikheev, L. M. - The motivating power of technical progress. p. 1.
- Foshtevskiy, K. D., and others. - Branch of testing overloading appliances equipped with pneumostatic pressure tubes by natural gas. p. 2.
- Alkhaev, V. P., Brann, B. M., Pukhrevskiy, A. E. - Study of a water evaporative air column with shutoff packing. p. 3.
- Karasev, L. P., Shukhin, A. V. - Characteristics of the distribution of ball stresses in standard flange joints under the action of transverse loads on pipelines. p. 6.
- Frolov, V. A., Savorova, O. S. - Construction and motivating power of welded large-angle T-joints. p. 8.
- Gajdar, A. V. - Determining the pitch ratio of screw threads. p. 12.
- Stavitskiy, I. U. - Performance of highly heated high-pressure rubber packings during dry-gas compression. p. 13.
- Golovinskiy, N. I., and others. - Method for determining vapor content in vertical boilers with natural circulation. p. 14.
- Soloviy, V. I., Tsundin, D. S. - Studying the performance of plate separators for liquids. p. 15.
- Zhuravskiy, P. A. - Calculation of contact dryers for paper and rayon-making machinery. p. 18.
- Mozdortov, L. V., and others. - Two-ply media with fiber-reinforced cladding layer. p. 21.
- Shupliker, G. K., Saakhan, I. S., Soloviy, A. A. - Studying the corrosion resistance of electroluminescent aluminum coating. p. 22.
- Gabrielian, S. G., Oshin, I. V. - Corrosion of the Khl-7T and Khl-8N10T stainless steels and the VTI-2 titanium in the solution of nitric acid containing reducing agents. p. 23.
- Fischer, V. S. - Automatic welding of chemical apparatus made of two-ply steel. p. 24.
- Kazemov, H. I., Rishchik, V. V., Hamantseva, L. E. - Studying welded joints of the steels 20 and Khl-8N10T made with low-carbon steel filler. p. 26.
- Kozlovskiy, P. D., Kuznetsov, I. P., Markov, A. A. - Waterglass cements mixtures for moldings of compressor cylinders. p. 29.
- Zolotarevskiy, I. A. - Manufacture of shell-and-tube heat exchangers. p. 30.
- Volynskiy, A. Z., Filippov, A. I. - Selecting optimum cutting regimes in cutting threads with unground screw taps in parts made of stainless, heat-resistant, and manganese steels and alloys. p. 31.
- Bolshakov, M. I. - Modernization of calculations in planning the production of standardized and unitized articles using computer-graph technology. p. 34.
- Gulishin, V. A. - Some problems of making enamelled chemical apparatus. p. 35.
- Dorokh, L. S., Sigalovskiy, Kh. Sh. - Improving the design of gas coolers for oxygen compressors. p. 37.
- Myshkin, I. D. - Wear-resistant surfacing with powder wire. p. 38.
- Rabinovich, S. S. - Calculating the optimum current density in the production of hydrogen and oxygen in an electrolyzer. p. 39.
- Kal'mayev, G. P., Strekozov, A. P. - Gauge for measuring weld joint dimensions. p. 40.
- Rubler, V. I. - In the Scientific and Technical Council of the Ministry of Chemical and Petroleum Machinery Industry. p. 40.
- Korovin, A. V., Abramov, V. P. - New developments in the chemical machinery industry in foreign countries. p. 42.
- KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE].** Issued by Ministerstvo rybnogo i srednego sponadnogo stroeniya SSSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.]. Kiev, no. 5, 1968.
- Table of contents translated:
- Development of chemical machinery manufacture in the Ukraine during the years of the Soviet regime. p. 3.
- Dolinskii, V. M. - Calculating stresses in tunnel-like plates. p. 10.
- Dolinskii, V. M., Koval'skiy, D. S. - Calculating round perforated plates. p. 15.
- Mamon, L. I., Gusev, M. G. - Mechanisms of friction and the effect of microgeometry of friction surfaces on the operation of contact seals. p. 20.
- Rabinovich, D. D. - Method of calculating roller stands for processing polymer materials. p. 28.
- Nadshimov, V. A. - Graphoanalytical plotting of variational parameterized lines and surfaces. p. 37.
- Pishchikov, I. A. - Distribution of load particles in the cross section of a horizontal cylindrical tube in the case of an established velocity field during the motion of suspension-carrying streams. p. 44.
- Pishchikov, I. A. - Determining kinematic and dynamic characteristics of turbulent streams in cylindrical tubes with an established velocity field. p. 47.
- Pavlovskiy, M. I. - Transition from asymptotic laws of distribution of random quantities to normal quantities. p. 52.
- Fedichuk, I. M., Kalitchevskiy, G. F. - Distribution of density and effect of viscosity in two-phase flow. p. 57.
- Orlovskiy, A. I., Akimov, O. M., Kuznetsov, D. M. - Pressure gauging motion of non-Newtonian fluids. p. 63.
- Alshchikov, M. I. - Dependence of the efficiency and pressure factor of the blower from the angle of blade setting at the input of the runner. p. 67.
- Khushchikov, S. I. - Investigating helical chambers of centrifugal blowers. p. 70.
- Nagurniy, A. P. - Hydrodynamic investigations of overflow valve outlets with lower restrictions. p. 75.
- Nagurniy, A. P. - Investigating fluid outflow of valve rollers with stand. p. 81.
- Lutskiy, I. U., Mironovskiy, V. T. - Investigating heat exchange in the processing of polystyrene on a worm machine. p. 83.
- Mironovskiy, V. T., Lutskiy, I. U. - Experimental investigation of the kinetic mode of products made from polymer materials. p. 86.
- Nekrasov, M. M., Savorova, A. V. - Methodology in calculating the heating mode of an extruder. p. 89.
- Feshchenko, V. Z. - Effect of vibration on the drying process of moist material. p. 97.
- Chernobyl'skiy, I. I., Karachinskaya, N. V. - Some results of investigations into the polyacrylate emulsion in a fluidized bed. p. 102.
- Pin, V. A., Gubanova, T. A., Pin, I. G. - Modeling absorption processes of sparingly soluble gases. p. 103.
- Sagunov, G. A. - Motion of material in a revolving contact drum. p. 111.
- Gorakht, R. Z. - Effect of rheological properties of polymer compositions on the magnitude of the stretching force determined by the principle of corresponding state. p. 119.
- Cherkashin, S. G., Ladiy, R. A. - Automatic continuous heat exchange in the production of antibiotics. p. 125.
- Cherkashin, S. G. - Rectification of solid ion exchangers in processes of continuous ion exchange. p. 140.
- Ladiy, R. A. - Algorithm for control of multi-mill evaporation plants. p. 155.
- Kozlovskiy, Z. I. A. - Effect of nonrectangular velocity profile on the accuracy of the mathematical model with its fixed parameters. p. 161.
- Osetskiy, I. U. M., Sergeev, S. A. - Automatic heat supply in experimental models of sugar presses for the manufacture of tubes and shaped flatblanks apparatus from thermoplastics. p. 164.
- Grishchenko, A. Z., Dol'skiy, B. F., Shtam, O. M. - Moisture regulator for synthetic fiber dryers. p. 168.
- Dolinskii, I. N., Pleskonov, A. K. - Information transmission system of the making of multicomponent mixtures for an electronic digital computer. p. 174.
- KHIMIA I TEKNOLOGIJA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL].** Issued by Gosplanovskiy komitet nefteparabazivnoy i neftekhimicheskoy promyshlennosti pri Gosplane SSSR [State Committee for the Petroleum Refining and Petrochemical Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 13, no. 6, 1968.
- Table of contents translated:
- Socialist obligations of petroleum processing and petrochemical enterprises for 1968. p. 1.
- Aliev, V. S., and others. - Production of polymer resins from secondary derivation products. p. 4.
- Sharolova, N. V., and others. - Production of basic oils by hydrotreating of heavy distilled raw material. p. 6.
- Agarova, L. A., Babayeva, N. L. - Some factors determining antioxidant capacities of phenol compounds. p. 11.
- Kalimov, B. P., and others. - Correlation of the qualitative parameters of a paraffin distillate from Ozerkansk petroleum. p. 13.
- Krakhun, F. G., and others. - Cable oils from highly viscous asphalt-free eastern oils. p. 16.
- Smirnov, E. A., and others. - Production of lithium lubricants by a continuous method. p. 20.
- Makayeva, E. D., Oshchinskaya, T. K., Atkara, O. V. - Hydrotreating silica gel lubricants. p. 23.
- Kobzare, R. I., and others. - Pigmentary thickening agents for lubricants, oxidation inhibitors of polysiloxanes. p. 26.
- Pol'skiy, A. F., and others. - Synthesis and study of the lubricating properties of trialkyl phosphonates and their derivatives. p. 29.
- Malyshev, I. M., and others. - Use of linear programming methods in formulating an operational plan for compounding of commercial gasoline. p. 32.
- Andrianov, V. M., Nosov, R. B. - Rates of the development of petrochemical products manufacture in Siberia. p. 36.
- Dobryshin, P. G., Golovinskiy, N. I., Serailimov, I. A. - Effect of the depth of a bubbling bed on the effectiveness of rectification bubble plates. p. 41.
- Gulyaev, I. A. - Experimental use of a gasoline vapor pressure gauge on a PU-1 (DU-1M)-type flow. p. 43.
- Doroshin, E. I., Shchegolev, M. S. - Condensation of water vapor by air cooling with the use of ventilation radiators. p. 45.
- Vorobey, S. V., Moiseyev, E. I., Tolmacheva, A. G. - Study of the effects of lubrication with lubricants containing additives. p. 47.
- Dobryshin, P. G., and others. - Lubricants for vapor friction of titanium on titanium. p. 50.
- Kalashnikov, V. P., and others. - Some results in the use of the AKOP-1 additive. p. 53.
- Kol'shakov, G. F., Litvinov, V. L. - Method for the determination of solid phase particles in fuels. p. 58.
- 7th Congress of the World Conference on Energetics, p. 61.
- KHIMODIL'NAIA TEKNIKA I TEKNOLOGIJA [REFRIGERATION EQUIPMENT AND TECHNOLOGY].** Issued by Ministerstvo rybnogo i srednego sponadnogo stroeniya SSSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.]. Kiev, no. 5, 1967.
- Table of contents translated:
- Mironovskiy, V. S., and others. - Experimental investigation of the influence of deep cooling of supercharged air on D50 engine characteristics. p. 3.
- Rozenberg, A. S., Trukhin, V. N. - Generalizing the experience of pumped circulation with a lower level feed of fluid for refrigerating machinery. p. 6.
- Oshchinskaya, I. M. - Testing results of the Giprokhim system with an upper-level feed of coolant. p. 15.
- Ardeev, R. S. - Testing the panel cooling system in the "Iskova" refrigerator ship. p. 21.
- Mantukovskiy, G. K., Taranov, L. P. - Heat calculation nomograms for chambers with a panel cooling system. p. 24.
- Nikol'skiy, D. G., Pariskhatadze, E. G. - Experimental investigation of heat transfer in a shell-and-tube heat exchanger. p. 30.
- Vasylar, S. F., and others. - Results of tests of an experimental model of a low-temperature two-stage AK-FDS-1 installation. p. 33.
- Shmygla, A. A., Vodianitskiy, N. N. - Unused potential of increasing the efficiency of refrigerator compressor. p. 38.
- Veger, L. A., Iakimenko, V. I. A. - Modernization of a UK-2-1010 from hermetic compressor. p. 41.
- Cherkashin, V. T. - Characteristics of low-temperature modifications of the FUS compressor. p. 45.
- Shmygla, A. A., Vodianitskiy, N. I. - Measuring and recording temperatures of coolant in the cylinder of a Freon compressor. p. 46.
- Dorlad, V. P., Likhitskiy, G. V., Taran, N. G. - Investigating the cause of friction wear of the piston ring and cylinder coupling in a Freon refrigeration compressor. p. 53.
- Muralov, O. V., and others. - Analysis of the effect of gasation of heat exchanger apparatus with sodium nitrite. p. 54.
- Baronovskiy, A. B., and others. - Experimental investigation of the effect of rotation speed on the characteristics of an efficient high-rpm centrifugal compressor. p. 59.
- Glinka, L. L., Ninkov, B. A. - Comparison of methods in cooling dephlegmators of aqueous ammonia absorption refrigerating machines. p. 63.
- Ruzhnikov, S. A. - Semiconductor water cooler for air conditioning. p. 68.
- Pol'skiy, V. A. - The selection of rectifier diodes in thermoelectric installations. p. 71.
- Cherkashin, V. F., Silina, L. R., Pisachenko, A. I. - Freon analysis by the method of gas-liquid chromatography. p. 75.
- Tsykalo, A. L. - Calculating dipole-quadrupole molecular interaction in estimating the thermodynamic

KIEV TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT SAKHARNOI PROMYSLLENOSTI [Tr. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta sakharnoi promyshlennosti] (The Sugar Industry. Tomskobooks). No. 3, 1955. Table of contents translated:

- Seleznev, P. N., Hrischa, S. R., Vinnikova, M. S. - Characteristics of salt storage in the salt mines of the Ukraine, p. 1.
- Dobson, S. F. - Determining the molecular coefficient of the diffusion of sugar by the membrane method, p. 21.
- Kutshov, A. K., Il'inskiy, I. E., Zhitkova, I. G. - Production of electrolyte of unfiltered fruit sugar solution, p. 33.
- Zembrukskiy, V. A., Nikolskiy, G. M. - Testing of filters with hydraulic efficiency and residues of M. D. Shteyn's and V. L. Marfakovich's systems, p. 42.
- Zembrukskiy, I. O. M., and others. - Use of continuous rolling in the practice of continuous crystallization of the last products, p. 70.
- Antoniuk, M. B. - Studying sugar crystallization from its aqueous solutions by microscope, p. 92.
- Zembrukskiy, I. O. M., and others. - Experiments in obtaining granulated sugar without coating of massed cells on macerolaboratory equipment, p. 105.
- Zembrukskiy, I. O. M., and others. - Examining the operation of some work plants of the Polotsk Sugar Factory, p. 125.
- Volkovitskiy, V. M., and others. - Intensifying the process of fruit-sugar drying, p. 139.
- El'sman, L. L. - Precise control and calculation of the losses in salt and sugar during the period of recycling for processing, p. 151.
- Bent, G. S., Skochilov, S. F. - Experiments in the precise control and calculation of production at the Gruzant Factory in 1952-53, p. 166.
- Schneider, E. P., Aleksandrov, A. I. - Determining ash and nitrogen in the products of the sugar industry, p. 202.
- Bent, G. S., Galtin, S. L. - Complexometric determination of calcium salts in the products of the sugar industry, p. 207.
- Bent, G. S. - Criterion for the evaluation of factory operation by the index of the content of sugar in food mixtures, p. 211.
- Moravich, N. M. - Study of the effect of scale formation on heat transfer during the evaporation of sugar juices, p. 217.
- Freemant, U. A. - Study of the operation of belt installations in a sugar factory under working conditions, p. 231.

No. 153, 1956.

Table of contents translated:

- Vilchinskoy, E. A., Danilovskoy, V. T. - Quantitative spectrum analysis of N Her 1563. Part I. Observations and methods, p. 3.
- Shubin, A. S. - Star cluster NGC 7063, p. 20.
- Starikova, G. A. - Correction of the elements of orbit of the visual double star ADS 1483, p. 24.
- Starikova, G. A., Kurachenko, N. E. - Measurement of double stars with the help of a polarizing microscope. Part 4, p. 27.
- Karimova, D. K. - Proper motion of an object identified with the X-ray source Sco X-1, p. 31.

KONSERVIRAYA I OVOSHCHESUHLIYAYA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosdarsvennyi komitet po pishchevoj promyshlennosti pri Gosplane SSSR and Tsentral'noye pravleniye Nauchno-Issledovatskogo obshchestva pishchevoj promyshlennosti [State Committee for the Food Industry. Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 4, Apr. 1958.

Table of contents translated:

- More attention to raw materials for the canning industry, p. 1.
- Pogorelov, S. V., and others. - Continuous action pasteurizer for tomato juice in 83-3 bottles, p. 4.
- Masfennikova, N. M., Nekolodova, T. I., Skandova, I. V. - Effect of airtightness on the sterilization conditions of whole canned tomatoes in a salt solution, p. 7.
- Isupov, M. T., Ismailov, M. I. - Drying of onion, p. 20.
- Vorobey, T. F. - Advanced work practice of specialized vegetable-gardening brigades, p. 12.
- Krutolet, I. G., Glukhinskiy, G. N. - Growing seedlings of early tomatoes, p. 15.
- Medyvedev, V. P., Galushko, I. D. - Mechanization of tomato harvesting, p. 17.
- Nizharadze, A. N., Matkauradze, E. U., Dolidze, R. V. - Technical and chemical composition of dog rose in Georgia, p. 20.
- Nizharadze, A. N., Pishman, G. M., Kupretshvili, A. I. U. - Ways to decrease losses during the harvesting of persimmon, p. 22.
- Maslov, V. M. - In the interests of the people, p. 25.
- Konratnitskiy, M. I. - Determining the intensity of coloring of tomato paste and tomato sauce for canned fish, p. 26.

- Liubimova, A. I., Kabanova, N. N. - Accelerated method for determining the moisture of dried vegetables, p. 29.
- Shapiro, D. K., Mantshirov, N. L., Bicheral, S. N. - Elimination of bitterness in the fruits of Sorbus aucuparia L., p. 31.
- Shtrom, O. V. - Tomato-paste production line for processing 300 tons of raw material daily, p. 34.
- Results of the all-Union socialist competition of enterprises during the 4th quarter of 1957, p. 42.
- At 5th Congress on the Scientific Organization of Labor in the Food Industry, p. 42.
- Conference of the Workers of Enterprises of the Main Administration of Children's Food, Dietary and Tea Products, p. 45.
- Varentsov, I. I. - Scientific Conference on Vegetable Gardening, p. 45.
- properties of polar gases, p. 60.
- Nikol'skiy, R. K., Zavoronitskiy, I. O. G. - The density of trifluoromethane (F-154) at low temperatures, p. 83.
- Nikol'skiy, R. K. - Investigating a viscosity meter with a plunging cylinder, p. 66.
- Alexander, V. P., Lox, V. I. - The heat of evaporation of liquid argon, p. 91.
- Zhadin, V. Z., Koltak, V. F. - Dependence of the enthalpy of moist air on the temperature of the wet-bulb thermometer, p. 91.
- Zhadin, V. Z., Kholodinskiy, M. Z., Moschan, A. A. - Utilization of natural cold for preservation of sugar lewis in a fresh state, p. 60.

MASLO-ZHIRNOYAYA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Ministerstvo pishchevoj promyshlennosti SSSR and Tsentral'noye pravleniye Nauchno-Issledovatskogo obshchestva pishchevoj promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 34, no. 5, May 1958.

Table of contents translated:

- Tokht, I. M., Gills, S. G. - Some work results of the Soviet perfume and cosmetics industry in 1957, p. 1.
- Papov, V. I. - Some work results of the Ukrainian oils and fat industry in 1957, p. 8.
- Pavlov, V. G. - Conference on safety techniques, p. 11.
- Moskva, I. A. S., and others. - Lipids of the husks of oil-rich radish seeds, p. 12.
- Shchegolev, V. M., Karachan, V. L., Demchenko, V. A. - Automatic standardizing of the concentration of alcohol by the temperature at time of discharge from the preliminary distiller of the ND-1250 line, p. 14.
- Papov, I. P., Demchenko, V. A., Karachan, V. L. - Selection of the optimum food for extracting and pumping gasoline, p. 16.
- Perezhko, A., Marchenko, M. A. - Effect of the composition of a catalyst on the process of paraffin oxidation on the obtained fatty acids, Report No. 2, p. 21.
- Novak, E. I., and others. - Effect of some trace components on the production of alcohols by oxidation of hydrocarbons, p. 24.
- Amosova, I. I., Muskhelov, N. K. - Chromatographic analysis of the mixture of mono- and dicarboxylic acids, p. 25.
- trodev, M. V., Klimova, E. P. - Characteristics of castor oil spinning, p. 28.
- Tamashko, F. S., Persidskaya, K. G., Pavlova, N. V. - Determining the amount of terpene oil in oil of roses during the fermentation of blossoms, p. 30.
- Svostikova, N. F., Vol'pova, L. I., Shevtshina, E. V. - Study of m/o-type emulsion creams based on p-nitro and its polyacetylene derivatives, p. 32.
- Zharavay, A. M., Chernykh, L. Z. - Modernization and adoption of semiautomatic USA-50-N-2 scales in the production of detergents, p. 33.
- Nash, A. A. - Apparatus for the distillation of solvents, p. 36.
- Ignatov, N. I. - Good lighting needed in enterprises, p. 37.
- Tokht, I. M. - Notes on the perfume and cosmetics industry of Japan, p. 38.
- Third all-Union public checkup on science, technology and quality, p. 44.
- Moskva, F. K. - Conference on scientific organization of labor, p. 46.

PLASTICHESKIE MASSY [PLASTICS]. Organ of Ministerstva khimicheskoi promyshlennosti SSSR [Ministry for the Chemical Industry of the U.S.S.R.]. Moscow, no. 5, 1958.

Table of contents translated:

- Vinskii, E. F., Zilberman, G. N. - Chemist's Day, p. 3.
- Peshchikov, A. A. - Twenty-fifth anniversary of the Moscow Scientific Research Institute of Plastics, p. 5.
- Perepetchko, L. I., and others. - Dynamic mechanical properties of modified polyvinylchloride, p. 11.
- Seremak, V. I., and others. - Properties of the material based on polyethylene and polyisobutylene, p. 13.

- Vlasova, K. R., and others. - Polyhydrides and benzimidazole, new thermally stable materials, p. 15.
- Pashchenko, A. L., and others. - Thermally stable material based on phenol-formaldehyde resin, p. 16.
- Pecher, L. V. - Modified phenoplasts, p. 21.
- Gurman, L. M., and others. - Chemical modification of epoxy resins, p. 24.
- Saf'arova, M. A., Belyavskiy, V. I. - Resorcinol-aldehyde resins, p. 27.
- Prigod, K. R., Ostroumova, G. I. - Phenol-aldehyde resins, materials, p. 31.
- Klimova, I. S., Sergeeva, V. K., Serenka, V. I. - Modification of the surface of glass by radiation-chemical method, p. 33.
- Golodovskiy, I. I., and others. - Interaction of epoxy and polyester resins with glass fibers, p. 35.
- Mikhailov, Z. V., Li, P. Z., Skolov, L. M. - Resistance of the copolymers of unsaturated esters with styrene, p. 38.
- Kozlovskiy, I. M. - Thermooxidizing desiccant polyethylene terephthalate, p. 42.
- Tarakanov, O. A. - Effect of acrylic acids on properties of carboxide formaldehyde resins, p. 45.
- Pavlov, V. I., and others. - Glass resins on epoxy and anhydride resins, p. 48.
- Kulikov, K. I., and others. - Alkylated ethylenediamine copolymers, p. 49.
- Kaluzhny, E. I., Marun, E. I., Zhukovskiy, I. I. - Methods for developing plastic casting machines, p. 51.
- Volokhov, V. P., Zhukovskiy, N. S., Stepanov, V. I. - Automation of the perfumery process, production of phenol-formaldehyde resin, p. 53.
- Kozlov, M. P. - Basic principles of the formation of resins, plastics and their products, p. 55.
- Il'inskiy, I. G., Kuvshinov, I. I. - Reactions during the processing and application of plastics, p. 59.
- Mazur, S. V., and others. - Protection from fire by polymer materials, p. 63.
- Budnik, G. S., Kozlovskiy, I. I., Chuvpinskiy, M. A. - Properties of BPE-2 and BPE-3, p. 64.
- Bent, G. S., Bucklin, B. L., Dolin, M. B. - For predicting the durability of elastomers and vulcanizates made of them, p. 69.
- Gulikov, E. I., Shchegolev, A. V. - Device for testing the durability of plastics, p. 70.
- Pavlov, N. N., Zampetshadze, Z. A. - Application of plastic under various climatic conditions, p. 75.
- Sokolov, Z. I. - Propaganda of the new plastics, p. 76.

DEBYATIVNYI ZHURNAL: KHIMICHESKOI I FIZIKAL'NOY MASHINOSTROENIYE (Industrial and Physical Engineering Journal of Abstracts: Chemical and Mechanical Machinery Manufacturing). Issued by Institut Khimicheskoi i Fizikal'noy Mashinostroeniya Akademii nauk SSSR [Institute of Chemical and Physical Engineering of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5, 7, May, July 1958.

SAKHAHAYAYA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosdarsvennyi komitet po pishchevoj promyshlennosti pri Gosplane SSSR and Tsentral'noye pravleniye Nauchno-Issledovatskogo obshchestva pishchevoj promyshlennosti [State Committee for the Food Industry. Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 42, no. 5, May, 1958.

Table of contents translated:

- Full success in the commitments of the U.S.S.R. in the five-year plan, p. 1.
- Volokhov, A. B. - Testing of the Potol WA type centrifuges, p. 7.
- Zel'man, I. F., Kolesnikov, V. A. - Decoloration for insufficient concentration of beet, p. 10.
- Tokht, I. M., Shyry, O. N., Gulyabov, V. I. - Closing the models of evaporators and the method of evaporating plants, p. 12.
- Pavlov, V. S., Kaganov, I. M. - Transport exchange reactor, p. 16.
- Chernykh, A. I., Karmazin, V. I., Novak, N. F. - Testing of industrial experimental apparatus for refining sugar in a bottle, p. 20.
- Duryma, A. K. - Calculation of method-phases of diffusion, p. 23.
- Kutshov, S. E., Shtrom, A. R. - Concentration of sugar decomposition, p. 26.
- Shtrom, S. K. - Distribution of polysaccharides in gravitational fractions of sugar, p. 30.
- Malikova, F. F., Kazantsev, M. A. - Process of scale formation by allagand, p. 31.
- Brann, O. V. - Improving the control and control of the beet sugar production, p. 33.
- Papov, A. E. - Determination of the hepatotoxic and weight scales, p. 36.
- Belova, O. I. - Antimicrobial composition of sugar at the Novotroitsk Sugar Factory, p. 37.

- Azerbekov, M. A. - All-Union Conference of the Workers of the Sugar Industry on the Automation of Technological Processes, p. 40.
- Stoychev, A. P. - Device for testing of flight outflow and holding mechanisms, p. 48.
- Salanov, P. G. - Ball for sampling of sugar from the storage tank, p. 48.
- Ovchinnik, M. A. - Automatic pressure control of packing in the Prokhorov diffuser, p. 51.
- Kozlov, A. I. - Measures for an increase in the effectiveness of the sugar production in White Russia, p. 52.
- Kazarskaya, L. D. - Technological and economic results of adapting the S-17 diffuser at the Novotroitsk Sugar Factory, p. 54.
- Chernov, I. D., Stepanenko, I. D. - Scientific approach to the determination of the beginning date of the season for sugar beet processing, p. 57.
- Gulok, N. G., Zickmar, I. P. - Transfer of glucose through the membranes of ion exchangers, p. 60.
- Arkhipovich, E. A., Petroshevskiy, V. V. - Centrifugal effect of glucose mass rate, p. 62.
- Kuznetsov, K. - How to improve the quality of sugar, p. 73.
- Karlovskiy, A. I. - Adaptation of automatic labor organization in sugar factories, p. 74.
- Mikhail Konstantinovich Melnik, obituary, p. 74.
- V. 42, no. 5, May 1968.
- Table of contents translated: 55 years since the nationalization of the sugar industry, p. 1.
- Savellov, A. I. - Effective production management in sugar factories, p. 7.
- Suminov, A. B., Kozeyeva, E. C., Dunaeva, K. N. - Infrared spectra of the products of speech synthesis, p. 9.
- Palash, V. P. - Study of refined sugar molasses, p. 12.
- Leopold, S. J., and others. - Data for cooling of granulated sugar in a fluidized bed, p. 16.
- Levashina, L. I., Ples, I. F., Alakumashvili, N. G. - Study of the granulated sugar drying process in a pneumatic tube with external heating, p. 20.
- Stepanov, A. N. - Relation between the pressure of compression and the density of refined sugar beet pulp, p. 21.
- Sabanikh, M. B., Kutana, A. I. - Transportation of sugar granulated sugar, p. 27.
- Kazetker, A. A. - Basic ways to increase the desirability of automation systems, p. 29.
- Le Hak Tien, Nguyen, I. F. - Radiometric ferri-cyanide method for the determination of reducing substances in molasses, p. 32.
- Sibir, A. T. - Exposure of macerated for losses of sugar during diffusion, p. 35.
- Savits, L. A. - Chemical-analytic work in the laboratory of sewage water purification at the Dnepropetrovsk Sugar Factory, p. 39.
- Rezhov, N. I., Shapovalova, A. P. - Coloration of the equipment and premises of the Chernovets Sugar Factory, p. 39.
- Aremenko, I. K. - Change of the technological properties of single-seed and multi-seed beets depending on fertilizers used, p. 41.
- Dzhurav, L. I., Frankina, D. L., Levich, S. V. - Weight losses and utilization of beets stored in holes and ways for their elimination, p. 43.
- Prcherak, E. M., Lohuk, P. S., Solovikov, V. I. - OSG-5, 5 four-tray gravity seed cleaners, p. 47.
- Shenkman, E. N., Butylovich, I. M. - Starch and syrup industry of White Russia, p. 50.
- Pavlov, K. I. - Ways to eliminate seasonal fluctuations in the starch and syrup industry, p. 51.
- Ladur, T. A., Novikov, O. P., Alencova, T. P. - Separation of fat-protein emulsion from starch hydrolyzates, p. 60.
- Increasing the size of fine films by decreasing the thickness of wall layers, p. 63.
- Tondakov, R. - Automatic "Compact" rentafagos, p. 66.
- Rebus, V. M., Melnik, I. P., Oshinskaya, A. A. - Luminescence of silver bromide photographic emulsion, p. 69.
- Khesin, G. L., Marash, I. U. I., Oshinskaya, A. A. - Use of stroboscopy in dynamic photoelasticity studies, p. 102.
- Babushka, M. A., Korotkiy, V. A., Pavlov, R. A. - Standardized xenon-arc light sources and a new light filter for artificial mean daylight satisfying the requirements of GOST 10891-63, p. 105.
- Schulz, D. M., Rudakov, R. V. - Electrode surface study of the effect of trichloroamine on silver halide crystals, p. 107.
- Samuilovich, D. B., Khaiton, M. S., Sheberlov, V. I. - Research in the field of 4-aminobenzonitrile, p. 110.
- Atchuk, L. E. - Light-diffusing characteristics of psychodurally precise blackened coated images, p. 113.
- Lishits, E. H., Nardukhina, R. A., Levkova, I. L. - On the tendency of asymmetrical dyes toward adsorption of the second kind, p. 119.
- Kukoshin, N. G., Nemtsov, V. P. - Interaction between medium-energy electrons and thin metal-plastic layers, p. 122.
- Vasov, P. G., Melnik, P. V. - Effect of chemical agents on the photochemical of emulsion layers, p. 128.
- Gorobovskiy, B. N., Lomachenko, T. A., Taitel', E. F. - Dependence of the resolving power of photographic paper on the aperture of the objective, p. 130.
- Mal'tsev, V. I., Petzsch, R. A. - New type of registration of hidden image in a nuclear emulsion at the temperature of liquid helium, p. 132.
- Steblov, V. A., Morozov, V. A. - Study of reciprocity in radiography, p. 133.
- Steblov, D. I., Stebnov, A. G., Deniskin, H. N. - Background of a large diffuse object obtained with the aid of a single-mode ruby laser, p. 135.
- Gurevich, S. H., Gurevich, G. A. - Correctness of applied Gauss distribution in evaluating random deviations of the optical density of a developed photographic emulsion, p. 137.
- Kartavzhanskiy, A. I., Privalova, V. E. - Nonemulsion-type photographic layers for obtaining images of bidirectional tracks of nuclear particles, p. 139.
- Kheifman, A. S., Shesternov, V. I. - Concentration problems of aging of photosensitive layers and the stability of photographic emulsions, p. 145.
- Shekhtin, A. V. - Some methods for handling large-size positives; laboratory techniques, p. 153.
- ZHURNAL PRIKLADNOY KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiya nauk SSSR (Academy of Sciences of the U.S.S.R.). Moscow, vol. 41, no. 1, Jan. 1968.
- Table of contents translated: Strylov, L. D. - Aspects of processing fluosulfonic acid at superphosphate plants into ammonium fluoride and anhydrous fluoride, p. 3.
- S. Strum, A. I., P. Chaykovskiy, V. A. - Role of apatite solubility in the chlorination of a medium of molten chlorides, p. 6.
- Mokhov, M. V., and others. - Purification of lanthanum, cerium, calcium, and strontium compounds, p. 13.
- Chernykh, V. A., Petrov, V. M., Talanov, N. D. - Synthesis of sodium phosphide from chlorides of phosphorus and metallic sodium, p. 19.
- Hoff, B. E. - Kinetics of solid phase processes involving the formation of gaseous products only, p. 24.
- ICahn, H. F., Makarov, N. L., Borisov, V. G. - Reaction of silicon carbide with silicon in a vacuum, p. 33.
- Dmitriyev, M. T. - Formation of ozone and nitrogen oxides in technical and liquefied gases under irradiation, p. 39.
- Savitskiy, E. I., and others. - Effect of magnesium chloride element in the liquid on composition of crystals precipitated by stages in a vacuum crystallization unit of a carrollite plant, p. 43.
- Vartanov, M. I., Sarosel'skiy, I. A. I., Manakov, G. A. - Aspects of the stability in an electrostatic precipitator of low concentration ammonium sulfate in the form of aqueous aerosol, p. 47.
- Iskhak, I. P., Dzhil', E. S. - Kinetics of thermal decomposition of sodium and potassium bicarbonates, p. 52.
- Gulov, V. G., and others. - Physicochemical properties of cyanamide aqueous solutions, p. 58.
- Deminov, F. V., and others. - Raw material for production of high-purity sulfur, p. 62.
- Morgan, E. A., Vlasov, N. A. - Photoelectric determination of "unavoidable ions" in liquid phase of lithium pulp, p. 66.
- Zhukov, A. I., Bogdanov, N. I. - Effect of KU-1 resin oxidation by tetravalent iron ions on its properties, p. 72.
- Ravdel', A. A., Danilov, V. V., Cherepanina, T. N. - Modeling of the evaporation process of binary solutions far from the boiling point, p. 77.
- Rodionov, A. I., Pashkovskiy, I. M. - Effect of height of liquid layer in grid plates on the mass transfer process in the gas phase, p. 82.
- Zhukh, I. A., Evin, B. I. - Kinetic study of regularities of electroless metal plating process in an alkaline solution (case of a single use of a solution), p. 87.
- Levin, A. I., and others. - Cathodic behavior of lead chloride in galvanic cells containing fluosulfonic acid, p. 97.
- Hudakov, P. P., Kharitonov, I. A. - Corrosion of stainless steels in some petroleum products, p. 101.
- Kushnir, S. V., Kharitonov, I. A. - Use of natural gas for obtaining elementary phosphorus from phosphites, p. 106.
- Chen, G. G. - Mechanism of action of coke chemical inhibitor of metal corrosion, p. 110.
- Koryolov, A. E., Lazor, I. S., Kabanov, B. M. - Electrochemical precipitation of a porous dispersion of polyvinyl acetate, p. 114.
- Arkhangelskiy, Z. P., Anicheva, E. P., Makhovich, M. N. - Processes in anodic dissolution of aluminum electrodes with dense electrolytic zinc deposit in current sources with alkaline electrolyte, p. 118.
- Papay, A. H. - Effect of structure and nature of solid carrier on liquid phase distribution and contamination volume, p. 127.
- Krasnova, G. S., Strylov, L. D., Mokreshin, S. G. - Role of gelatin in the process of foam extraction of cellulose, p. 137.
- Chishakov, A. N., Fadzeyeva, M. N. - Oxidation of polythiophenes by oxygen in aqueous alkaline medium, p. 141.
- Nizovaya, S. S., Tsyakovskiy, V. K., Ogorodova, N. A. - Separation of esters of an aliphatic alcohol and glycols by extraction, p. 144.
- Golits, G. I., Koshchikov, M. M., Golliver, L. V. - Cationic polymerization of p-phenylene, p. 148.
- Schervakov, V. M. - Excess thermodynamic functions of the system dithionone-methionine-dimethyl phosphite, p. 153.
- Dobrunko, V. N., Kovaleva, V. I. - Heterogeneous catalytic chlorination of acetic anhydride by carbon tetrachloride, p. 157.
- Berzina, V. M., Fomina, N. A., Smirnov, N. I. - Production of synthetic latexes using nonionic surface active substances as emulsifiers, p. 160.
- Zaritskiy, A. P. - Method for isooctane separation from coal tar bases, p. 168.
- Indimov, N. S., Rukavishnikov, D. M. - Hydroxylation of 1-hexene and butadiene at different pyridine concentrations in reactive liquid, p. 172.
- Rezhikov, V. M., Serokina, N. F. - Lignin of Syphagnum moss, p. 178.
- Ghazizadeh, M. Kh., Oshinskaya, B. I., Fridman, G. M. - Esterification of alcaric acid by polyethylene glycols, p. 183.
- Kukhova, M. N., Strangin, G. M., Khokhlov, L. F. - Chromatographic determination of p-hexachlorocyclohexane according to All-Union State Standard 7054-55, p. 187.
- Virgin, V. V., Miliakov, E. M. - Densifying and crystallization of glasses in the system $ZnO-Al_2O_3-SiO_2-TiO_2$, p. 189.
- Kovalenko, F. N., Achilov, L. T., Kvasilev, M. M. - Determination of the pH value at the beginning of precipitation and acetyl products of calcium hydroxide, p. 198.
- Danavskiy, L. A., Kalitina, L. N., Serokina, N. M. - Impeding hydrophobic properties on high-dispersion iron oxide, p. 201.
- Grybenko, V. Z., Grachev, K. A. - Calcium content in cathodically separated sodium upon addition of electrochemically indifferent salts to NaCl - $CaCl_2$ melts, p. 203.
- Zhigalova, E. S., Datashev, K. P. - Etching of titanium in hydrochloric acid, p. 206.
- Naryshkin, I. I., and others. - Oscillatory graphite study of copper corrosion in chloride melts, p. 208.
- Bordichevskiy, N. I., Morachevskiy, A. G., Alabyshov, A. F. - Study of equilibrium in the system $(KOH + KCl) + H_2O \rightleftharpoons (NaOH + NaCl) + K$, p. 210.
- Pashcheko, A. A., and others. - Resistance of hydrophobic organosilicon coatings to the action of organic solvents and water, p. 213.
- Volkov, A. I., Arkhipov, S. M. - Sorption of carbon dioxide by a carbonate form of AV-17 anion exchanger, p. 216.
- Ismaylov, Kh. U., Ilichbaev, A. A., Dzhzhin, G. S. - Fine purification of vinyl fluoride removing acetylene and difluoroethane impurities, p. 218.
- Iedim, M. G., Drabkin, A. E. - Shift of equilibrium in the thermal decomposition of chloroalkanes, p. 220.
- Kishiyev, A. N., Sokolov, A. V., Fomina, E. V. - Chemical mechanism of furfural formation in the thermalysis of pectinase, p. 222.
- Prokhorovskiy, V. A., Solovchev, Z. V., Shvachov, V. I. - Oxidation of Gdov shale in an acetate medium, p. 225.
- Dolberg, E. B., Lashchik, B. G., Ordoroga, V. A. - Polyhydrochloroacetates as polymeric biologically active substances, p. 227.

ZHURNAL NAUCHNOY I PRIKLADNOY FOTOGRAFIY I KINEMATOGRAFIY [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiya nauk SSSR (Academy of Sciences of the U.S.S.R.). Moscow, vol. 13, no. 2, Mar.-Apr. 1968.

Table of contents translated: Karpov, B. M., Pochinok, V. A., Fedorova, L. N. - Study of emulsion and photographic properties of triazenes. Part I: Structure of triazenes and their photographic activity, p. 81.

Petrova, E. A., and others. - Reaction of photographic gelatin with polymer coagulants. Part 3: Dependence of the coagulation properties of sodium salts of polysilynesulfonates on molecular weight, p. 86.

Gaidelis, V. - Isopotential curves of electrophotographic layers of zinc oxide, p. 89.

Zhelezni, N. M., Bratkovskaya, E. U. - Producing high-contrast photographic images, p. 92.

Pruglo, N. V., Bougard, S. A., Velleman, A. I. - Effect of structure on the properties of photographic emulsions, p. 95.

- Sergiyev, I. M., and others. - Obtaining additives of a modified polyvinyl alcohol fiber and organosilicon compounds on a basis of silicon synthetics. p. 220.
- Sapozhnikov, S. A. - Inhibition by glucose of the oxidation of sulfides in dilute modified solutions. p. 225.
- Shartup, A. Kh., and others. - Obtaining phosphate esteride by oxidation of petroleum orthylene. p. 232.
- Antonovskii, V. L. - Kinetics of acidic decomposition of some hydroperoxide in a flow reaction. p. 233.

II. Civil & construction engineering

AVTOMOBIL'NYE DOROGI [HIGHWAYS] [Issued by Gosstatizdatstroy (Gosstatizdatstroy) (Committee for Statistical Control of the USSR) (State Production Committee of Construction for the Transportation Industry in the U.S.S.R.)]. Moscow, vol. 29, no. 11273, Jan. 1966.

- Table of contents translated.
- Entering the new five-year plan period. p. 1.
- Shenkov, M. S., Bismurmanov, V. K., Borisov, I. U. S. - Improving the use of capital assets. p. 3.
- Dropper, G. - Introducing internal construction. p. 4.
- Yurashov, S. Sh., Kozlovskii, M. D. - Developing a standard basis for the standard method of planning and accounting. p. 5.
- Dobryshchenko, E. K. - Economic effect of a construction administration. p. 6.
- Pogoda, V. I. - Mechanization in earthwork. p. 7.
- Malyuk, I. U. L. - Technical progress and tasks in the area of road construction. p. 8.
- Plekhanov, A. S., Pogoda, A. S. - Construction of roads in the mountainous and in the permafrost area. p. 10.
- Khachikyan, L. A., Vasilev, I. U. M., Nedyalov, V. M. - Increasing requirements with regard to the compactness of soil in excavation. p. 12.
- Koslov, M. P. - Influence of the sand content layer on the distribution of compactness and stresses in the soil. p. 13.
- Kazharskii, V. D. - Determining the stability of embankments on soft soils. p. 15.
- Preferantsy, L. A. - Facilitated soil moisture of the mound and methods of its determination. p. 17.
- Kolbert, A. A. - Improved road surfaces in the mountainous U.S.S.R. during the five-year plan. p. 19.
- Svetitskiy, G. A. - Mechanization in the working of frozen soils. p. 20.
- Kazharskii, K. G. - Mechanized operations against snow drifting on Siberian highways. p. 22.
- Mitishin, G. I. - The method is not labor consuming and it is effective. p. 23.
- Pollatunov, T. E. - Operational characteristics of highways subject to flooding. p. 25.
- Nekrasov, V. K. - Service life of highways. p. 29.
- Kolbaryanskaya, A. S., Antuf'eva. - New testing methods of highway binders. p. 28.
- Ishov, N. P. - Estimating the depth of freeze in highway constructions. p. 30.
- I. I. Piskunov. - Highway. p. 31.
- Akhmedov, I. - Road builders met in Tashkent. p. 32.
- Potamov, P. A. - Mechanization seminar. p. 32.
- Our magazine during 1966. p. 3 of cover.

Vol. 31, no. 4(316), Apr. 1966.

- Table of contents translated.
- Labor force is the most important thing. p. 1.
- Kalcev, E. G. - Training and selection of labor force is a primary task of total construction workers. p. 2.
- Shilov, V. A. - The skill increased with every year. p. 2.
- Evgeniev, I. E., Serov, I. A. - Measures against the fluidity of labor force. p. 4.
- Akshin, I. P., Zaslavskii, I. V. - Accurate method to determine compactness of the soil. p. 5.
- Kravchenko, V. I., Ivlev, N. U., Kuznetsov, A. M. - Determining the compactness and moisture of soils with the help of gamma rays. p. 6.
- Iankovich, A., Volosov, R., Anisashin, M. - Testing soil cement by an accelerated method. p. 7.
- Viznitskiy, V. E. - Pulse method for quality control of asphalt concrete. p. 9.
- Egizov, V. P. - Improving the quality of seams in concrete surfaces. p. 10.
- Bolshak, V. S. - Improving the impermeable layers in the roadbed. p. 12.
- TSEBIL, T. T., Frahtikh, N. G. - The proper system of financing in a road construction trust. p. 12.
- Feserjan, D. F., Nikolaev, I. S. - Network planning and control in the operations of the State Institute for the Design, Planning and Study of Highways. p. 13.
- Nefedov, I. P. - Time for pouring asphalt concrete on a concrete base. p. 14.
- Bakhtikh, V. I. A. - Reinforced concrete span constructions of the main trusses of highway bridges. p. 15.
- Bikshikh, S. N. - Calculating bridge openings depending on levels. p. 16.

- Shostov, A. I. - Determining the permissible bearing of roadbeds from flexible pavements. p. 17.
- Parkharov, A. - Public entering enterprises should be built along highways. p. 19.
- Strukov, I. A. - Designing level automobile highways. p. 20.
- Volkov, V. G., Popov, A. S. - Improving the quality of rubble from weathered rock. p. 20.
- Ishov, N. P., Usenbaev, M. A. - Spring deterioration of highway surfaces and its prevention. p. 22.
- Puzakov, N. A., Vinzaker, E. K., Rozov, E. M. - Fight against dust on gravel roads. p. 22.
- Zharov, M. M. - Extending the life of round reinforced concrete tubing. p. 24.
- Mikhlin, V. V. - Salvaging of damaged highway surfaces. p. 25.
- Denisov, H. I. - Laboratory control of operation of the Kashka - Herat - Kandahar Highway. p. 27.
- Burlov, S. I. - Determining the stability of slopes along a parabolic curve. p. 28.
- Kozlovskii, P. E. - Unit for temperature control of asphalt concrete mix. p. 30.
- Lazarev, M. G., Miller, V. S. - Countermeasures against soil slaking to operating road machinery. p. 30.
- Vorobey, I. A., Okonskiy, E. I. - Strength control of concrete surfaces. p. 31.
- Fedorov, L. I. - Fortifying hilly highway operation sections. p. 32.

BULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING] [Published by Gosstatizdatstroy (Gosstatizdatstroy) (Committee for Statistical Control of the USSR) (State Committee for Construction of the U.S.S.R.)]. Moscow, vol. 29, no. 2, Feb. 1967.

- Table of contents translated.
- Structural engineering for the past 50 years. p. 1.
- Semenov, V. V. - Mechanization of construction in the five-year plan period. p. 6.
- Shenkov, A. A. - Basic trends of technical standards in construction during the 1966 - 1970 period. p. 10.
- Schools should be built according to improved plans. p. 13.
- Construction of communications installations serving industrial enterprises. p. 14.
- Isakov, A. T. - Tasks of introducing the new technologies in construction during 1967. p. 15.
- Construction program of the ordinary year should be fulfilled. p. 18.
- Standard documents on planning and construction. Collection of supplements to standards. p. 22.
- New State Standards.
- Soil. The taking, packing, storage and transportation of samples. p. 25.
- Mineral soil. p. 21.
- Wood-lam boards with a painted surface. p. 26.
- Vibration insulated supports for structures. p. 28.
- Design of foundation beds and foundations on permafrost soils. p. 29.
- At the State Committee on Construction of the Council of Ministers of the U.S.S.R. p. 32.
- In the State Committee on Residential and Public Construction and Architecture at the State Committee on Construction of the Council of Ministers of the U.S.S.R. p. 33.
- At the State Committees of Union republics:
- In the State Committee on Construction of the Council of Ministers of the B. S. F. S. R. p. 34.
- In the State Committee on Construction of the Council of Ministers of the Ukrainian S. S. R. p. 35.
- In the State Committee on Construction of the Council of Ministers of the White Russian S. S. R. p. 36.
- At the scientific research institutes:
- Kozlovskii, V. A. - Scientific research work on testing of the Central Scientific Research Institute of Experimental Designing. p. 37.
- At construction projects of ministries and departments:
- In the Construction Ministry of the Lithuanian S. S. R. p. 41.
- In the Construction Ministry of the White Russian S. S. R. p. 41.
- Abstract:
- Prochodov, D. R. - Organization of design engineering in Yugoslavia. p. 42.
- At the "Interproektivka - 66" International Exhibition. p. 44.
- Dymachev, L. P. - Conference seminar on the advanced experience in auto construction in the Republic. p. 46.

EESTI NSV TEADUSTE AKADEEMIA. Lühene (in Estonian) [Academy of Sciences of the Estonian S. S. R. Institute of Construction and Building Materials. Research on Construction]. Tallinn, vol. 1-2, 1961, vol. 3, 1962, vol. 4, 1964, vol. 5, 1967.

GIDROTEKHNIЧЕСКОЕ СТРОИТЕЛЬСТВО [TECHNICAL CONSTRUCTION] [Organ of stroytel'nyy proizvodstvennyy konfets po stroitel'stvennoi SSSR and Nauchno-tekhnicheskii slovar' energeticheskoi promyshlennosti Production Committee for Power Engineering Electrification in the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, no. 4, Apr. 1966.

- Table of contents translated.
- Zachvalin, I. S., Chumichev, I. U. E. - Precast concrete in hydraulic construction. p. 1.
- Kozlovskii, L. I., Burdakov, N. P. - Some construction of the Saratov Hydroelectric Station. p. 3.
- Vakhrameev, A. K., Rukhlov, V. N. - Designing of precast reinforced concrete of the Saratov Hydroelectric Power Station. p. 5.
- Shchegolev, N. V. - Thermodynamic of mass elements of the Saratov Hydroelectric Station. p. 14.
- Dmitriyev, E. G. - Results of fluid control joint sealing between precast elements of the Hydroelectric Power Station. p. 22.
- Kozlovskii, G. M., Luchin, V. K. - Flood during the construction of rock-fill dam. p. 24.
- Shchegolev, N. V., and others. - Static and dynamic load-bearing capacity of concrete bed with bedrock disturbance zones. p. 29.
- Isakov, P. L., Trukov, G. I., Gorokh, V. I. - Sealing of concrete walls by integral. p. 29.
- Shern, E. P., and others. - Experience of electrochemical protection for hydraulic equipment of the Volga Hydroelectric Station. p. 32.
- Tarasov, L. I. - Shipway spillway control. p. 32.
- Kiselev, A. N. - Determination of load sand pulp taking into account its p. 40.
- Yashin, D. V. - Ice pressure on river during the Dnieper project. p. 41.
- Shchegolev, L. I. - 10th International Conference. p. 46.
- Vallentin, L. A., Derzhak, E. I. - The screening of hydraulic schemes in new and gravel traps. p. 47.
- Trifol, M. S., Glikshin, L. D. - Fasten resistance of metal structures in hydraulic stations. p. 57.
- Shchegolev, V. S. - The 5th section of the conference in the "Gidromekh" Institute. p. 57.
- Shchegolev, V. I., Alekhov, S. M. - Graphical representation of the "Can of ten as a non-moderate". p. 58.
- Konstantin Aleksandrovich Mikhailov's 70th birthday. p. 61.
- Aleksandr Vasil'evich Hovov - obituary. Georgii Andreovich Hovov - obituary. p. 61.

Vol. 37, no. 10, Oct. 1966.

- Table of contents translated.
- Avakian, A. B., Shapira, I. N., Shapira, I. N. - Some conclusions about the operation of the power plant reservoirs. p. 3.
- Gerasimov, L. G., Shchegolev, N. P. - Experience in operating the Laidzhany. p. 7.
- Sarkisyan, A. G. - Compact hydroelectric for derivation power plants. p. 10.
- Adamov, A. A., and others. - Heat in reinforced concrete girth by the heat insulated insulation. p. 11.
- Gadzev, A. B. - Seals in expansion joints of structures of the Kanunovsk and power plants. p. 14.
- Bakharov, V. I., Pshenitsyn, P. A., Ostrovskiy, V. I. - Water-tight mesh framework. p. 16.
- Ahtanov, K. I. - Equipment for full of mining operations. p. 23.
- Kirillov, A. P. - Static testing of the draft tube section in the Kiev Hydroelectric Station. p. 27.
- Kozlovskii, V. A. - Strained state of the pressure conduits. p. 31.
- Pashkin, E. M. - Measurement of rock tunnels during the construction of the hydroelectric Power Station. p. 35.
- Tarakanov, A. A. - Control of turbulent flow in small local disturbances. p. 37.
- Lapina, A. N. - Use of the relations of changing flows in the calculation of a draft tube. p. 41.
- Dubrov, G. A. - Necessity of revising code 2-B-62. p. 42.
- Kozlovskii, G. M. - Building codes for reinforced concrete. p. 44.
- Order of determining additional expenditure on transportation of locally unavailable hydraulic construction work. p. 47.
- Improved transmitters of contact earth. p. 50.
- Tavritov, V. M. - Water jet method of hydraulic engineering. p. 50.

- Vishetakov, B. I. - Study of the wear of the frictional vibration damper bushing in passenger car trucks. p. 120.
- Nikolaev, K. I., Voronov, K. M. - Measuring tangential stresses in spring coils of the central assembly of a KVZ-15N truck. p. 140.
- Papova, G. N. - Wear of link connections of the brake lever transmission at high speeds. p. 155.
- Gorbunov, V. M., Filchenko, V. I. - Calculation of the transverse rigidity of spiral cylindrical springs of a coil spring suspension. p. 156.
- No. 25, 1967. Maintaining and designing bridges. Table of contents translated.
- Professors, K. G., Koz'min, I. G. - Conditions of railroad bridges and some problems of their improvement. p. 3.
- Koz'min, I. G., Neznomy, I. N., Mukhametov, E. F. - Experimental study of dynamic interaction between metal spans of a large bridge and high-speed passenger trains. p. 20.
- Neznomy, I. N. - Dynamic effect of high-speed trains on the decks of railroad bridges. p. 40.
- Mukhametov, E. F., Savitsky, V. M. - Fatigue strength of bridge cross joints. p. 29.
- Lavochkin, G. V. - Behavior of combined bolt-welded joints under static load. p. 77.
- Duditskiy, A. G. - Stiffness of metal spans in deck bridges. p. 25.
- Sipitskiy, I. M. - Designing suspension bridges by a deformation diagram. p. 98.
- Nikulin, M. K. - Crack resistance and rigidity of reinforced concrete made of prestressed reinforced concrete. p. 108.
- Kramarov, S. A. - Classifying plain reinforced concrete mass spans of railroad bridges by their load-carrying capacity. p. 138.
- Karpukov, L. S. - Temperature stresses in prestressed reinforced concrete spans during their service life. p. 116.
- Belik, A. L., Nizhnev, A. V. - Studying the behavior of round reinforced concrete caissons under H-1 soil. p. 157.
- Makarov, V. V. - Methods for studying the interaction between the pile under horizontal load and soil. p. 165.
- Haften, Z. V. - Changes in train loads of the railroads in the U. S. S. R. and abroad. p. 174.
- Arduer, V. T. - Estimate of spreading section length in a steady flow behind bridge underpass. p. 193.
- LENINGRAD. VSESOIUZNY NAUCHNO-ISSLEDOVATELSKIY PROEKTNIY INSTITUT TSEMENTNOY PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF THE CEMENT INDUSTRY. Transactions]. No. 31, 1969. Table of contents translated.
- Aslakova, M. A., and others. - Methods of studying water separation, false setting and a setting tendency of cements. p. 3.
- Volkenskii, B. V., Komozov, P. F., Tolmachev, G. P. - Investigating hydrogel groups of calcium hydroxides at 800 - 900 gauge pressure and 250°C temperature. p. 14.
- Kilber, M. A. - Molding point and strength properties of fast cements with different content of iron oxide. p. 24.
- Khechazov, I. A. V., Zikharov, V. K. - Investigating resistance to chinking burning of periclase refractories having various phase composition and structure. p. 37.
- Khechazov, I. A. V., Skolob, L. L. - Phosphate binders of heat resistant concrete. p. 55.
- Blum, K. V., Nelman, B. M., Skolob, O. G. - Wear of magnesite particle during burning of portland cements. p. 70.
- Blum, K. V., Pimenov, N. G., Vostreschuk, G. M. - Use of light-weight chamotte brick for protection of the lining in the forehearts of rotary kilns. p. 83.
- Goryk, M. - Pressure of the lining on shaft and rotary kiln bodies. p. 93.
- Shimelfeng, V. A. - Vortex gas burner for the cement industry. p. 123.
- LENINGRAD. VSESOIUZNY NAUCHNO-ISSLEDOVATELSKIY INSTITUT GIDROTEKHNIKI. Izvestiya [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING. Bulletin]. Vol. 84, 1957. Table of contents translated.
- Skalakov, M. F., Pichuzhkin, A. A. - Research by the All-Union Scientific Research Institute of Hydraulic Engineering is a contribution to Soviet hydraulic and electric power engineering. p. 5.
- Dement'ev, M. A., Pechenkin, M. V. - Fields of concentration of suspended matter and kinematics of flows transporting it. p. 33.
- Abolev, A. S., Solov'yikov, V. A. - Hydraulic investigation of the hydrodynamic block in a hydroelectric power plant with draft tubes at two levels. p. 46.
- Solov'yikov, V. V., Litvinova, R. E. - Studying deformability of concrete as related to its crack resistance. p. 54.
- Gutman, S. G. - Solution of a plane problem in the theory of elasticity for a particular case of orthotropy on an isotropic model. p. 72.
- Itskanov, N. S., Mikhailova, I. A. - Studying thermal stresses in concrete construction blocks. p. 85.
- Solov'yikov, S. G. - Theoretical studies of vibrations of hydraulic structures and their elements in liquids. p. 112.
- Itskanov, V. V., Gusev, I. U. N. - Field investigation of crack resistance of large experimental blocks for a concrete dam at the Krasnoyarsk Hydroelectric Power Station. p. 147.
- Fidel'man, S. I. A., Darcheva, V. N. - Linear expansion coefficient of massive concrete at below freezing temperatures. p. 158.
- Edel'man, P. D., Edel'man, S. I. A., Fradkin, I. P. - Studying displacements and stability of the concrete dam at the Irkutsk Hydroelectric Power Plant. p. 171.
- Sapozhin, D. D., Shit'nev, R. A. - Deformability characteristics of fissured rock before and after grouting. p. 188.
- Adamovich, A. N. - Studying new methods for the construction of impervious curtains in foundations of hydraulic structures. p. 200.
- Karavayev, N. A., Chernomir, I. A., Antonov, G. E. - Water hammer and the reliability of pressure controls of a hydroelectric power plant. p. 220.
- Chistakov, A. M. - Methods of studying cavitation and its damaging effects in water channels of a hydroelectric power plant. p. 234.
- Shcheglov, A. V., and others. - Study of reinforced concrete monitors of hydraulic structures and substantiation of calculation methods according to limiting states. p. 251.
- Zelenkov, V. N. - Regularities of seepage in fissured rock. p. 269.
- Stal'man, I. S. - Hydroelasticity problems in the dynamics of hydraulic structures. p. 277.
- Plat, S. M. - Calculation methods of thermal conditions of massive concrete hydraulic structures. p. 298.
- Levin, G. O. - Influence of combined hydraulic power complexes on the distribution of productive forces. p. 343.
- Vol. 85, 1967. Table of contents translated.
- Ustalskiy, G. A. - Study of actual horizontal loads on individual elements of energy dissipators. p. 3.
- Chernomir, I. A. - Effect of the discharge with filling on the rise of level in a surge tank with restricted outflow. p. 19.
- Mishkov, L. V. - Natural frequencies of water oscillation in pressure conduits of hydraulic structures. p. 34.
- Skolob, L. D., Loganova, V. A. - Distribution of piezometric pressure of water over cross sections of elements of rock technical structures. p. 41.
- Kuzina, T. D. - Spreading of a stream in the stretch of its abrupt expansion with reverse flow of the bottom. p. 56.
- Gennats, G. S. - Effect of a crack on the stressed state of a block resting on an elastic foundation. p. 68.
- Trapozhnikov, I. P. - Thermal stresses in an axially deformed plate of rectangular cross section with a two-dimensional temperature field given in cylinders. p. 77.
- Gorelik, L. V. - Method of determining the permeability of a rock-sand body by electrical measurements. p. 80.
- Gorelik, L. V., Neller, R. M. - Nonlinear problem of the consolidation of three-phase soils. p. 91.
- Malt'ov, K. A., Svirskiy, P. G., Ikhon'gon, A. I. A. - Performance of slot structures in tail slide gates. p. 101.
- Plat, S. M. - Analytical study of temperature fields in high concrete dams. p. 115.
- Karast, M. A. - Optimum conditions for filling and emptying of locks with head filling systems. p. 131.
- Kuzovlev, G. M. - Designing of reinforced concrete facings for rockfill dams. p. 151.
- Moskva, O. N. - Objectives and methods of field investigations of drainage systems operating in foundations liable to piping. p. 182.
- Hollov, A. A. - Research on the simulation of hydrodynamic pressure fluctuation under conditions of high turbulence and aeration of the flow. p. 170.
- Lukhter, V. M., Solov'yikov, L. V. - Pressure fluctuations in a pressure conduit as measured in field and by model. p. 186.
- Sapozhin, I. I. - Bonding of a thin isotropic rectangular plate on the elastic (Winkler's) foundation under arbitrary transverse displacement and angular deformations of the contour. p. 201.
- Rappoport, R. M., Tarasov, K. K. - Studying the effect of weak interlayers on stresses and strains in a rock mass. p. 212.
- Sul'man, S. G. - Determination of natural frequencies of axisymmetric vibrations of closed cylindrical shells in contact with liquids. p. 220.
- Mitroshchik, T. V. - Diagram for the calculation of earth slope stability as a three dimensional problem. p. 225.

- Serebryakov, G. P., Sinegushnikov, V. S. - Simulating an aerated gravity flow. p. 230.
- Iudakova, M. D., Shvainshtein, A. M. - Calculating compaction of spillway surfaces. p. 235.
- MEKHANIZATSIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosstavstroitel'skiy Nauchno-issledovatel'skiy tsentr Nauchno-issledovatel'skiy tsentr nauchno-issledovatel'skiy tsentr [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific and Technological Society of the Construction Industry]. Moscow, vol. 29, no. 4, Apr. 1965. Table of contents translated.
- Egorov, L. I., Egorov, I. I., Lebed', I. V. - On mechanization of cement in the construction of transportation systems. p. 2.
- Mal'nev, A. I. - Overall mechanization of loading, transportation, and unloading cement. p. 4.
- Plut, D. E. - Mechanization of loading, unloading, and transportation operations in the Glazovskaya p. 8.
- Volkovskiy, A. A., Rostov, I. U. S., Bratyshev, I. P. - Mechanizing the application of water repellent coatings on flat roofs. p. 11.
- Ilyin, F. G., Salomov, G. D. - Automation of control and monitoring plants. p. 12.
- Moskvin, O. V., Kopylov, N. D. - Experimental electric heating of petroleum products. p. 13.
- Konash, V. E. - Effect of compressor on the efficiency of a laboratory diesel hammer in dry piles in permafrost soils. p. 17.
- Gorbanov, M. N., Bogdanov, V. I. - Reducing the energy consumed by vibrations at precast reinforced concrete plants. p. 19.
- Akhmedov, I. N., Novomirskiy, G. M. - Equipment for manufacturing reinforced concrete pipes of large diameters. p. 22.
- Khushtin, I. U. P., Mekhanizatsiya, I. S. - Construction equipment for electric heating of concrete mixtures. p. 24.
- Mikhailov, A. P., Nikul'shin, K. E. - New MK-2518 crutch crane. p. 28.
- Morozov, I. P. - "Tegibrop's" innovation. p. 28.
- Improving the methods of concreting electrical construction elements. p. 29.
- Using pile foundations in industrial and municipal construction. p. 30.
- MOSCOW. GOSNAFTSTROYENIYE VSESOIUZNY NAUCHNO-ISSLEDOVATELSKIY INSTITUT TSEMENTNOY PROMYSHLENNOSTI. Trudy [STATE ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE CEMENT INDUSTRY. Transactions]. No. 21, 1966. Table of contents translated.
- Egorov, L. I., Egorov, I. I., Kopylov, N. D. - Experimental use of mathematical modeling in the study of choker burning techniques. p. 3.
- Shcheglov, A. V., Golman, G. M. - Effect of technological parameters on drying time of ground raw material in rotary cement kilns. p. 18.
- Drydits, G. S. - Effect of annealing on physical and mechanical properties of slag. p. 24.
- Bull, H. M., Tsernys, R. A. - Quick method of determining granular composition of fuels. p. 24.
- Malt'ov, I. U. S., Khushtin, N. D. - Hydraulic properties of hydraulic aggregate solid solutions. p. 3.
- Kravchenko, I. V., Ilyin, V. P., Fradkin, I. A. - Effect of alkalies and gypsum on chinking processes. p. 60.
- Vlasov, M. T., and others. - Experiments in the production of the 660 portland cement. p. 66.
- Rudakov, P. P., Sokolovskiy, G. A., Kolygin, L. - Hardening and crystallization processes of ceramic composition castings. p. 62.
- Myskhin, V. V., Meshchurakova, I. M. - Analysis of tarum-containing fires, raw material mixtures, and cements. p. 100.
- Shcheglov, A. E., Shcheglov, S. A., Ilyin, A. K. - Experience with use of slags with phosphorus and fluorine content at the Zhibul'skiy Building Materials Combine. p. 105.
- MOSCOW. VSESOIUZNY PROEKTNO-IZYASKATELSKIY INSTITUT TSEMENTNOY PROMYSHLENNOSTI. Trudy [ALL-UNION PLANNING AND RESEARCH INSTITUTE OF "GIDROPROEKT". Transactions]. No. 12, 1974. Hydrology and water management. Table of contents translated.
- Krivosheina, S. N., Morkel, M. F. - General program for the full use and the conservation of water resources in the U. S. S. R. p. 6.
- Krivosheina, S. N., Morkel, M. F. - Level fluctuations of inland water bodies. p. 20.
- Dobson, E. G. - Estimating random fluctuations in parameters of a river flow by the maximum likelihood method. p. 62.
- Zamakhov, V. S. - Studying frequency of average maximum rainfall over small reservoirs. p. 73.
- Svetikhov, V. P. - Unusual maximum water discharges of Central Asia and reliability of data supplied. p. 132.

- Shtal'kovskaya, M. V. - State characteristics of hydrological calculations concerning the high Asian Dam, p. 136.
- Iskenderov, E. G., Nikol'skaya, N. V. - Expanded tables of three-parameter gamma distribution, p. 151.
- Kul'skii, S. N., Merkulov, M. F. - Methods of plotting balance sheet for water supply engineering, p. 167.
- Gzhi, I. V. - Accurate curves for the determination of the long-period component of reservoir capacity with consideration of the relation between discharges in adjacent years, p. 186.
- Meshechin, B. A. - Computer calculation of the long-period component of reservoir capacity, p. 165.
- Baburin, B. L. - General case for the calculation of flood-control storage capacity of a hydroelectric power plant reservoir, p. 200.
- Asarin, A. E. - Level of the Aral Sea in relation to increased water use in the basins of the Syr-Darya and Amu-Darya Rivers, p. 211.
- Istaita, D. L. - Calculation of moisture flow in open water courses with the help of an electronic computer, p. 222.
- Forutsak, A. B. - Simple method for calculating tailrace water level at a hydroelectric power plant with fully regulation, p. 240.
- Rossitskii, K. I., Koz'min, I. A. - Choice of the length of bottom reinforcement in lowland hydroelectric power plants, p. 253.
- Rossitskii, K. I., Koz'min, I. A. - Balance method for the calculation of the deformation of a channel bottom, p. 265.
- Koz'min, D. I., Roshina, N. V. - Method of calculating silt accumulation in reservoirs, p. 272.
- Koz'min, N. A. - Interaction between a flow and its channel ground, p. 290.
- Vikolov, L. I. - Calculation of the scouring process as a factor in the canal enlargement method, p. 291.
- Makarov, A. B. - Silt accumulation in Kuybyshev Reservoir, p. 306.
- Rossitskii, K. I., Nisar-Mukhametova, G. N. - Characteristics of the formation in reservoirs with high fluctuations of water level, p. 315.

НАУЧНО-ТЕХНИЧЕСКИЕ ПРОЕКТЫ [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosplanstroyvennyi komitet SSSR [Ministry of Construction] (State Committee of the Council of Ministers of the U. S. S. R. for Construction). Moscow, vol. 9, no. 3, Mar. 1968.

- Table of contents translated:
- Kashilov, S. - Three years of work under the scientific organization of labor, p. 1.
- Harkin, M., Shchit, L. - Cooperation between science and practice, p. 3.
- Mitace, A. - Overall mechanization based on the scientific organization of labor, p. 4.
- Radin, N., Bannikova, A. - Crews under the scientific organization of labor, p. 5.
- Grebenov, I. A., Kletskanov, V. - Scientific organization of labor, business accounting, and economy, p. 6.
- Fel'din, I. A., Arkadiev, V. P., Rylov, I. I. - Automating operational planning in the construction of complex projects, p. 7.
- Avdeyev, I. U. - System of information of control and coordination of optimum operational regimes, p. 7.
- Itskov, A., Senenkov, K. - Completed 10 minutes earlier, p. 10.
- Pulikov, A. - The "Optikontrol" faces responsibilities, p. 11.
- Structural features of buildings, p. 12.
- Organization of construction, p. 13.
- Kopylov, E., Imshenetskiy, V. - In five days, 75 apartments, p. 18.
- Gil'perin, L., Zaritskiy, A. - New complex of hotels in Sochi, p. 20.
- Sitenkov, E., Kikubov, Sidoruk, M. - Eliminating flaws in loam concrete products, p. 21.
- Estrin, G. - Constructing foundations in the winter, p. 22.
- Bondar', E. - New regulation on experimental construction, p. 23.
- Krakovich, A. - Standard wholesale prices franco-building site, p. 24.
- Licitskiy, A. - Advantages of reconstructing operating plants, p. 25.
- Kanov, R. - Ash concrete, p. 26.
- Kalashnikov, V., and others. - Experience gained from using impact machinery for working frozen ground, p. 27.
- Leningrad is exhibiting, p. 28.
- State Commission for Construction of the R. S. F. S. R., p. 30.
- Ovstankin, V. - Scientific generalization of construction practice in Moscow, p. 31.
- Guide materials on problems of computing estimated costs and on calculations for completed construction and assembling operations, p. 32.

OSNOVNIYA FUNDAMENTY I MEKANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosplanstroyvennyi komitet SSSR [Ministry of Construction] (State Committee of the Council of Ministers of the U. S. S. R. for Construction). Moscow, vol. 8, no. 2, 1968.

- Table of contents translated:
- Toward the 23d Congress of the CPSU, p. 1.
- Lazebnik, G. E., Chernysheva, L. I. - Studying the distribution of soil pressure on models of flexible single anchor supporting walls, p. 3.
- Ryskiy, E. V., Razorenov, V. G., Zhuravskiy, G. V. - Methodology of dynamic probing of loose soils, p. 5.
- Akshin, I. P., Babylev, L. M. - Comparison of some theoretical and experimental studies of soil compression by ramming, p. 8.
- Dmitriy, V. E. - Number of samples necessary for the determination of the standard value of physical characteristics of soils, p. 10.
- Igashov, O. I. - Studying the correlation between physical characteristics and the deformation modulus of plastic clays, p. 12.
- Priluchinskiy, O. E. - Calculation of a rigid footing resting on bedrock at a certain depth with a layer of soil plane problem, p. 14.
- Krasovskiy, V. M., Akhmedov, I. I. - Bearing capacity of friction piles in layered soils, p. 16.
- Nuravskiy, G. F. - Increase with time in the bearing capacity of single piles, p. 18.
- Mit'goren, S. I., Kul'chitskiy, G. B. - Soil pressure on the bottom of a tunnel constructed by the open cut method, p. 20.
- Il'yushin, I. M. - Method of accelerated deepening of type-II slurry bore shafts by jetted and directional blasting, p. 22.
- Fedorova, N. M. - Experimental foundations with draining layers and boreholes in expansive soils, p. 26.
- Dobrylov, I. N. - Effect of structural strength in loose soils on efficiency of their compaction by heavy ramming, p. 28.
- Trochutskiy, S. A., and others. - Experimental shaking of calcium in a hydrostatic jacket, p. 29.
- Gendel', E. M. - Strengthening the list of a structure, p. 32.
- Dzundzid, I. A. - Calculation of stresses and deformations of the foundation bed taking into account its depth, p. 34.
- Paly, D. - Technology of water control at deep "Innote"-type piers, p. 35.

Vol. 10, no. 2, 1968.

- Table of contents translated:
- Gutsev, G. A. - Problem of generalizing the limit equilibrium of loose soils, p. 1.
- Tarasov, B. L. - Experimental investigation of the active pressure of clayey soils on the retaining wall, p. 2.
- Iskenderov, N. A. - Calculating foundation settling on loose soil, p. 4.
- Igoren, K. E., Sklyarov, O. D. - Determining the normative pressure on foundation beds under circular foundations, p. 6.
- Igashov, O. I. - Correcting the model of structural plastic clayey soils determined with compression devices, p. 8.
- Krasovskiy, V. M. - Calculating piles under horizontal loads, p. 10.
- Kakoshchik, N. F. - Practical method of calculating foundation slips on a nonlinearly deformed foundation bed, p. 14.
- Bulgar, A. I., Tishchenko, D. T. - Experimental investigation of open caissons with hydrostatic jacket, p. 17.
- Krasovskiy, G. V., Sklyarov, V. A. - Determining the bearing capacity of piles by a dynamic formula, p. 20.
- Tarasov, B. L. - Effect of loading on the deformability of rock foundation footings, p. 22.
- Vukob, S. S., Tarakanov, I. O. - Boring holes and pile driving in permafrost soils, p. 24.
- Grigoriyev, A. A., Ivanov, I. K. - Form and dimensions of a settling hollow, p. 26.
- Kovalchuk, N. P. - Preparing peat soil for construction by adding fill, p. 28.
- Makarov, E. V. - Constructing a water well in peat, p. 29.
- Amalin, L. S., and others. - Effectiveness of using erected sand drains in peat bogs, p. 30.
- Vorobeychikov, V. M. - Photogrammetric method of determining the strains per story of buildings situated above mines, p. 32.
- Kul'chitskiy, G. B. - Determining the granular composition of coarse fragmental soils, p. 34.
- Kuznetsov, L. V. - Calculating deep foundations for transverse forces, p. 37.
- Kristoforov, V. S. - All-Union Coordinating Conference on Calculating the Stability of Navigational Hydraulic Structures, p. 38.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo okhrany obshchestvennogo poradka RSFSR [Ministry for the Protection of Public Order of the R. S. F. S. R.]. Moscow, nos. 7-8, July-Aug. 1968.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosplanstroyvennyi komitet SSSR [Ministry of Construction] (State Committee of the Council of Ministers of the U. S. S. R. for Construction) and the Central Administration of the Scientific Technological Society of the Building Industry [Moscow], vol. 14, no. 6, 1967.

- Table of contents translated:
- Falkin, A. M., Dystrov, I. B. - Ashless concentration plant No. 6, a project to be completed in the anniversary year, p. 3.
- Gurevich, M. L. - Some problems of the scientific organization of labor in assembling structural elements, p. 6.
- Semenov, N. V. - Three years of work of the territorial planning organization, p. 10.
- Grevshin, Z. P. - Changing the physico-mechanical properties of soils in connection with the flooding of building sites, p. 12.
- Denderin, I. P. - Making roads with fill, roadways and without heat insulation, p. 15.
- Melchies, B. A. - Preparing rational sectioning of steel structural elements for shipment, p. 17.
- Gurskiy, A. E. - Joints of reinforced columns with dry mesh-reinforced concrete spacers, p. 23.
- Drozov, V. A., Bilkin, S. M. - Vertical transverse enclosures made from shaped glass, p. 26.
- Makalov, V. B., Tishchenko, I. B. - Protection of the plinth section of a wall made from cellular concrete panels, p. 30.
- Shtal'kovskaya, M. A., Orlov, G. G. - Investigating glass elements in industrial buildings subject to explosion hazard, p. 34.
- Dmitriy, I. M., Zhuravskiy, G. A. - Strengthening reinforced concrete frames with prestressed ties, p. 36.
- Makarov, N. P. - Piles reinforced with strands of waste steel cables, p. 38.
- Minskii, A. N. - Molded reinforcement blocks for column buildings, p. 41.
- Krasovskiy, V. B., Shumilov, I. G., Kabanov, B. H. - Cleaning roads of welded joints in situ, p. 43.
- Spiritskiy, B. A., Bilalov, V. V. - Development of prestressed metal structural elements, p. 44.

INFORMATIVNYI ZHURNAL AVTONOMNYKH DOROGI [JOURNAL OF AUTOMATED HIGHWAYS]. Issued by Vsesoyuznyy nauchno-issledovatskiy informatsionnyi [All-Union Institute of Scientific and Technical Information]. Moscow, no. 7, July 1968.

STROITEL'NAYA MEKANIKA I MASHINNOE STROITEL'STVO [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Gosplanstroyvennyi komitet SSSR [Ministry of Construction] (State Committee of the Council of Ministers of the U. S. S. R. for Construction). Moscow, vol. 12, no. 4(52), 1967.

- Table of contents translated:
- Rudkov, V. A. - Basic trends in improving calculations of metal structures, p. 1.
- Timoshin, M. M., Chumakov, I. V. - Effect of continuity and elastic yielding of diaphragms on the performance of ribbed folds, p. 4.
- Pudakov, S. V. - Prestressed eccentric compression of reinforced elements, p. 6.
- Lubov, L. N. - Models of framed structures having solid elastic bodies, p. 12.
- Derevenkov, A. N. - Selecting the cross section of a cone, p. 14.
- Erkov, M. I. - Dynamics of stiffened plastic shallow shells of revolution with swing supports, p. 15.
- Gulman, E. G. - Effect of the shape of a body on lateral friction during vibration, p. 19.
- Iskenderov, A. I. - Development of probability methods of calculating structures in the U. S. S. R., p. 23.
- Klein, G. K. - Problems of structural mechanics of underground pipelines, p. 26.
- Klavdov, V. V. - Determining horizontal loads on the flooring of framed buildings, p. 31.
- Dalch, L. M. - Dynamic effect of rotary machines with fluid filler on structural elements, p. 33.
- Barshchinskii, M. F. - Dynamic calculation of mass and towers for wind effect, p. 37.
- Adamchuk, K. A., Belchuk, I. A. - Socialist composition in the anniversary year, p. 43.
- Mitchevskii, I. L., Raizer, V. D. - Practical methods for designing roofing shells, p. 44.

STROITEL'NYYE MATERIALY, DETALI I IZDELIYA [BUILDING MATERIALS, PARTS, AND PRODUCTS]. Issued by Gosplanstroyvennyi nauchno-issledovatskiy komitet SSSR [Ministry of Construction] (State Committee of the Council of Ministers of the U. S. S. R. for Construction) and the Scientific Research Institute of Building Materials and Products of the State Committee for the Building Materials Industry, Attached to the State Committee for Construction of the U. S. S. R. [Kiev], no. 8, 1967.

- Table of contents translated:
- Pedun, M. P., Pogibay, V. M., Darsov, I. V. - Economic principles of the overall production plan for porous aggregates of concrete in the Ukrainian S. S. R., p. 3.

- Kalenov, E. M., Mikhailov, R. M. - Bedellite clays as raw material for zirconium production. p. 8.
- Parshenko, T. P., Kuznetsov, G. A. - Kuznetsov clays of the southwestern part of the Dnieper as raw material for the production of light aggregates. p. 12.
- Krupa, A. A. - Volcanic glass (perlite) of the Mongolian People's Republic. p. 15.
- Gigante, V. S., Gindler, I. A. P. - Controlling the production process of foamed slag by its fusion temperature. p. 21.
- Zakharov, I. K. - Effect of physicochemical properties of slag on the quality of materials made of them. p. 21.
- Parshenko, G. M., Polakov, G. I., Ladash, M. A. - Study of the effect of MgO on the resistance of slag to infiltration. p. 25.
- Krivorot, P. A. - Research on the composition of the structure of cast stone made of blast-furnace slag with additives. p. 25.
- Arshagelskii, K. P., Kuznetsov, O. P. - Heat resistance of carborundum. p. 27.
- Arshagelskii, K. P. - Effect of carbon dioxide concentration on the sintering process. p. 29.
- Polukhina, A. I., Rukhovich, A. E., Chertov, O. A. - Hydration process of expanded perlite. p. 31.
- Zhukov, A. V., Babich, I. A., Sidorov, I. A. - Studying the properties of perlite and phosphate in acid at high temperature heat insulation. p. 31.
- Sidorov, I. A., Babich, I. A. - Methods of determining the heat conductivity of building materials at high temperatures. p. 32.
- Zakharov, I. K., Dushkin, E. M. - Investigating light-weight concrete with a foamed slag and perlite base. p. 33.
- Gilmanov, L. G., Dushkin, E. M. - Gypsum-perlite thermal insulation products of high water resistance. p. 33.
- Dushkin, E. M., and others. - Physicochemical and deformation properties of slag-silicate concrete produced by the method of two-stage hydrothermal treatment. p. 34.
- Forshin, I. I. - Effect of the abrasive action of rammers on the quality of a slag concrete mix. p. 36.
- Grigor'ev, V. S., Feldshov, Z. D., Dushkin, E. M. - Foams generator for mortar. p. 37.
- Krivorot, P. A., Lashchenko, V. A. - Effect of calcium hydroxide in the hardening process of cement paste. p. 38.
- Korotkiy, I. E., Dymchuk, V. G., Delyashov, V. I. - Microstructure of concrete produced from ultrasound-activated cement paste. p. 40.
- Shelakhin, I. V. - Characteristics of the hardening process of clinkerless slag binders under steam, autoclave and low-stage treatment. p. 42.
- Troitskiy, T. T., Marchenko, M. M., Shelakhin, I. V. - Effect of hard properties on the quality of aerated silicate products and on reducing the rate of its setting. p. 43.
- Cherdashev, V. L., Ushegor, M. A., V. V., Mikhlin, P. P., O. P. - Studying deformation of concrete in order to determine its optimum curing time before freezing. p. 44.
- Sidorov, I. A. - Study of the hardening process of binders by measuring their electrochemical potentials. p. 44.
- Sidorov, I. A. - Electrochemical method for the determination of the gypsum content in cement. p. 47.
- Indicator of the crushing ratio of a fine concrete as a strength characteristic of the binder. p. 49.
- Studying the strength of concrete under conditions of wet heat treatment with addition of sodium silicate solution. p. 55.
- Steklov, M. I., Virchenko, P. D. - Accelerated hardening of concrete made with highly hydrated cement by hot moistening with pressing and short-period intensive heating. p. 60.
- STROYTEL STVO TRUBOPROVODOV (PIPELINE CONSTRUCTION).** Issued by Gosudarstvennyi proizvozhstvennyi komitet po proizvodstvu promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.]. Moscow, vol. 13, no. 2, Feb. 1968.
- Table of contents translated:
- Ermit, R. I. - In the collective awarded with memorial banners. p. 1.
- Aleksandrov, A. L. - Based on advanced experience. p. 2.
- Ermentov, P. T. - Creative seminar of young specialists in the Ministry of the Gas Industry. p. 4.
- Crausor, P. D., Kuleshov, I. A. P. - Shipping problems in the northern part of Tyumen' Province. p. 5.
- Levin, S. I., Chukov, K. V. - Selecting the diameter for underwater crossings of superpowerful gas pipelines. p. 6.
- Perich, A. I. - Economical foundations for compressor stations. p. 9.
- Shalskii, A. S. - Cutting ground with the blade of a rotary trench excavator. p. 12.
- Alindor, A. B., Skomorenko, I. A. Z., Kamershteyn, A. G. - Determining joining parameters of a pipeline in the ground. p. 15.
- Moskalev, A. G. - Distribution of resources among construction sites under a 16-month schedule. p. 17.
- Makarev, D. P. - Advantages of network schedule graphs should be fully utilized. p. 19.
- Ermit, V. V., Zakharov, N. A. - Technology of the construction of a 1420 mm pipeline. p. 20.
- Zakharov, A. V. - Installing a 1220 mm pipe with polymer tape. p. 22.
- Schuk, V. A., Kuznetsov, A. G. - System for the precast hollow precasting of culverts. p. 23.
- Lashchenko, V. P., and others. - Raising the level of industrialization of oilfield construction in the USSR. p. 26.
- Golovinskiy, V. I., Tikhonov, V. N. - Economic effectiveness of the use of pipes with internal protective coatings. p. 30.
- Korotkiy, I. E., Mikhlin, V. I. - Determining the speed of ground penetrating by an impact load. p. 33.
- Preparatory operations and transportation of pipes in the construction of 1220 mm gas pipelines. p. 36.
- Mikhlin, A. G. - Picking under order of filters. p. 38.
- TSEMENTNAYA ORGANIZACIYA (CEMENT INDUSTRY).** Organ of Ministerstva promyshlennosti SSSR [Ministry for the Building Materials Industry of the U.S.S.R.]. Moscow, vol. 32, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Goals of the first year of the new five-year plan. p. 1.
- Artyukov, V. A. - Steady effort to reduce fuel and power consumption. p. 3.
- Sidorov, I. M. - Technological improvements reduce fuel consumption. p. 1.
- Dushkin, E. M., Polak, S. I., Kuznetsov, R. A. - Basic equipment of cement plants should be used more efficiently. p. 6.
- Olesov, N. A., Rudnev, B. E. - Increased use of cement in construction. p. 7.
- Golovinskiy, V. I., Mikhlin, V. N. - Validating method of granulometric cement raw materials. p. 9.
- Horganov, N. M., Sidorov, I. A., Dushkin, E. M. - Methods reducing the content of alkalis in the dust before returning to rotary kilns. p. 10.
- Lashchenko, V. A., Vysokiy, G. A. - Applying complex technology to the study of the sintering process of raw materials. p. 12.
- Sidorov, I. A., Sidorov, V. A. - Dushkin, E. M. - Clinkers with a high expansion rate. p. 11.
- Olesov, N. A. - Industrial merger of cement plants in the USSR. p. 16.
- Sidorov, V. M. - Production reserves should be utilized. p. 17.
- Kuznetsov, V. A. - Introducing new equipment. p. 18.
- Vatberg, G. S. - Raising operational loading of a pilot rotary kiln with dimensions of 5 by 165 meters. p. 19.
- Golovinskiy, S. A., Kuznetsov, K. M., Abikh, S. A. - Change of silicate ratio has improved the quality of cement. p. 20.
- Lashchenko, V. A. - Improving the pneumatic method of controlling dust from the chain curtain in a kiln. p. 22.
- Quick test of portland-slag cements in plastic mortars. p. 22.
- Kalashnikov, G. I., Dmitriyev, S. N. - Quick determination of calcium oxide in raw slag flour. p. 23.
- Yue, Z. N. - Packing of rotary kiln bricks. p. 24.
- Fayezov, S. E., Galkin, S. P. - Technical consultations. p. 24.
- Vol. 33, no. 1, Jan.-Feb. 1967.**
- Table of contents translated:
- Objectives of cement industry workers during the anniversary year. p. 1.
- Hig, S. I. - Initial results of economic reforms in cement plants. p. 3.
- Seminar on the results of new work conditions in plants. p. 4.
- Kuznetsov, N. M., Kalashnikov, G. I., Parshenko, I. I. - Preventing false setting of cement. p. 4.
- Ocharenko, A. A., Olesov, N. A. - Unsolved problems of dust collection. p. 5.
- Sidorov, I. M., Zagorodniy, N. S., Fedan, A. L. - Steady and efficient operation of equipment. p. 6.
- Papko, V. K. - Hardening of slag portland cement under steam curing. p. 7.
- Novokulskiy, D. F., Ivanova, N. A. - Grinding cement made of ferromanganese slag. p. 9.
- Lashchenko, V. A., Vozhakov, V. I., Kaminskii, V. A. - Improving economic services. p. 10.
- Chukov, M. F., Ignat'eva, L. P. - Waste from the production of boric acid used as admixture during grinding of clinker. p. 12.
- Introduction of isotope technology. p. 13.
- Sidorov, V. M. - Technical level of production is on an increase. p. 14.
- Starofonits, O. M. - The main goal to raise throughput of the cement industry. p. 15.
- Arzonov, V. L., Hefman, E. D. - Automatic proportioning device with magnetic amplifier. p. 16.
- Malyukov, A. S. - Petrographic control of clinker quality. p. 17.
- Lashchenko, V. A. - Production of expanding portland cement. p. 19.
- Building materials industry at the Anniversary of Achievements of the National Economy of the U.S.S.R. p. 19.
- Gizalov, E. V., Kuznetsov, V. M., Mikhlin, A. G. - Realization of the rated capacity of 4,5 x 170 m kilns. p. 20.
- Dushkin, E. M., G. G. - Zakharenko, V. M. - Cement production. p. 21.
- Ushakov, A. F., Dushkin, E. M., Zakharenko, V. M. - Obligations have been fulfilled. p. 21.
- Shalskii, A. S. - Cement output over the year. p. 22.
- Mikhlin, V. M., Zelenyi, I. T., Kuznetsov, V. M. - Automatic measuring of the capacity of kilns. p. 22.
- Sidorov, I. M., Ermitov, E. G. - Determining shrinkage deformations of cements. p. 23.
- Vol. 34, no. 2, Mar.-Apr. 1968.**
- Table of contents translated:
- Semchenov, A. F., Tikhonov, E. I. - Increasing of kilns increases cement output. p. 1.
- Tokhtelovskiy, S. T. - Control of heat and cold in plant ash in the additional heating of raw materials. p. 1.
- Kuznetsov, I. V. - Completed research on the made available to production rough tests. p. 1.
- Malyukov, A. P. - Mechanical and rheological properties of raw materials. p. 5.
- Dushkin, E. M., Sidorov, V. E., Kuznetsov, V. M. - Qualitative evaluation of technological factors in the clinking quality of raw materials. p. 6.
- Horganov, N. M., Mikhlin, V. N. - Introduction of hydrothermal during焙成 of portland cement with carbonate admixture. p. 14.
- Buzhakov, P. I., and others. - Methods for color range of clinker cements. p. 14.
- Shalskii, A. S. - Improved labor organization - accelerating factor of production improvement. p. 14.
- Sidorov, I. M. - Economic reforms at the cement plant. p. 15.
- Kuznetsov, K. S., Galkin, V. I., Galkin, V. A. - Heat-resistant expanding cement. p. 16.
- Malyukov, A. P. - Supply of portland cement at plants should be improved. p. 16.
- Chertov, I. L. - Heat charging of a raw material. p. 19.
- Kuznetsov, V. V., Vozhakov, I. Z. - Research on hammer crusher. p. 21.
- Galkin, V. I., Dushkin, E. M. - Adaptive electric filter installed inside the plant. p. 21.
- Zakharov, A. A. - Self-sorting plant of plant chamber raw material producer. p. 22.
- Tranov, V. I., Kuznetsov, P. I. - Equipment made according to a modern scientific group. p. 22.
- Vol. 34, no. 3, May-June 1968.**
- Table of contents translated:
- Kuznetsov, E. F., Malyukov, I. S. - Too high of cement output. p. 2 of cover.
- Vasil'ev, G. M. - Need for better utilization of dusts and waste from other branches of industry. p. 1.
- Bel, I. M., Timashev, V. V., Sidorov, I. M. - Changes in properties of granulometric in the conveyor roller mill. p. 2.
- Sidorov, I. M., Sidorov, V. A. - Improved in evaluating the sintering of raw materials. p. 4.
- Malyukov, S. M., Chertov, A. F., Mikhlin, V. M. - Effectiveness of cement in mortar and concrete with wet heat treatment. p. 5.
- Olesov, N. A. - Effect of surface-active admixtures on properties of the dust trapped in filters. p. 7.
- Chertov, A. A., Kuznetsov, I. A. P. - Optical phase characteristics of impurities in cements. p. 9.
- Prevention of dust escape from crushers and mills. p. 13.
- Gryaznova, G. I., Vasil'eva, K. V., Mikhlin, V. M. - It is necessary to develop the production of cement in new regions. p. 14.
- Kuznetsov, V. I. - Increase in production. p. 15.
- Terekhov, S. V., Kuznetsov, V. A. - Portland-sulfate-resistant cements in Central Asia. p. 16.
- Afanasov, I. S., Galkin, V. N. - Methods for clinker dust formation in rotary kilns. p. 18.
- Nikol'skiy, I. I. - Quick determination of moisture in materials by the photocolometric method. p. 19.
- Kuznetsov, P. A. - Operation of a rotary kiln with friction bearings and hydraulic support. p. 20.
- Sidorov, V. M. - New arrangement for the trapped dust into kilns without its granulometric control. p. 20.
- Kuznetsov, V. A. - Achieving planned capacity of kilns with cyclone heat exchangers. p. 20.

Barzakovskiy, V. P., Vitkovskiy, R. V. - Sixthth
 Ministry of N. A. Trofimov, p. 21.
 Bolak, D. A. - Technical consultation, p. 23.

VODOSNABZHENIE I SANITARNAYA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyy komitet Sotsialnogo Ministra SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no. 2, Feb. 1966.

Table of contents translated:

- TSat', R. I. A. - Economically advantageous velocity
 ratio of air flow in ventilation ducts, p. 1.
 Slesaren, E. V. - Generalized solution of the problem
 of air temperature changes in an air duct, p. 4.
 Knutits, K. I. - Calculating separation losses in air
 distributors with a continuous distribution along the
 duct, p. 5.
 Ozeretskiy, V. S. - Characteristics of a nonuniform
 flow bent by gravitational forces, p. 9.
 Rynkevich, A. A., Minin, V. E. - Diagram of combined
 characteristics of surface air cooling devices with
 air flow, p. 14.
 Petrov, G. N. - Some problems of the air concerning
 water resources, p. 16.
 Smirnov, A. A. - Slush ice obstruction at water intake
 of large reservoirs and methods to prevent it, p. 19.
 Mendeleev, D. M. - Water supply of cities of Central
 Asia and irrigation of their landscaped territories,
 p. 24.
 Kuz'min, I. U. M. - Formula for the determination of
 heat loss in metal screens, p. 27.
 Karolin, V. I. A., Balanov, V. D., Denisov, A. I. -
 Use of polymers materials for the protection of
 pumps against cavitation and erosion, p. 30.
 Babitskiy, O. T., Ivanova, O. D., Ivanova, O. V. -
 Synthetic detergents and their effect on the block-
 ing purification process of sewage in aeration tanks,
 p. 33.
 Sanitation technology at the Moscow International
 Chemical Exhibition, p. 36.
 New models of sanitary engineering equipment and
 fittings, p. 38.
 Septimal in small water supply and sewage systems,
 p. 40.

No. 4, Apr. 1966.

Table of contents translated:

- Zhukov, A. I., and others. - Our objectives, p. 1.
 Pronov, A. I. - Basic problems and prospects for
 the development of air cleaning technology, p. 8.
 Kuz'min, E. V. - Calculation of aerodynamic resistance
 in main underground conduits for communication
 cables, p. 11.
 Nuzov, L. A. - Indoor climate characteristics and
 loading capacity of heaters as tested in an experi-
 mental chamber, p. 15.
 Moshin, I. P., Galperin, E. M., Glazov, E. M. -
 Computer calculation of water supply systems,
 p. 22.
 Starobinskiy, V. P. - Choice of filter in operating
 systems for pumps and pumping stations in a water
 supply system, p. 28.
 Ivany, K. V. - New design principle for pressure-
 regulating installations, p. 32.
 Yakovlev, S. V., Karlovskiy, T. A. - Technological
 evaluation of the performance of aeration equip-
 ment, p. 36.

No. 5, May 1966.

Table of contents translated:

- Smirnov, D. M., Manasova, R. B., Vasil'ev, B. N. -
 Automatic control of the sewage purification pro-
 cess in aeration filter plants, p. 1.
 Sedov, I. V., Pashchuk, V. G. - Hydrocyclones
 used for the removal of scale from the waste water
 of milling plants, p. 5.
 Popov, I. U. A. - Experimental investigation of washing
 away the tree pipelines, p. 8.
 Yakovlev, D. G. - Sodium sulfate treatment of water
 for corrosion prevention in pipelines, p. 12.
 Knutits, V. L., Kopylov, V. N., Ivanov, T. A. -
 Use of chlorine for water desalination by the hydra-
 tion method, p. 15.
 Rubentov, E. D. - Graphic determination of the alkali
 dosage necessary for the formation of a film in
 pipes, p. 17.
 Talov, V. N. - Air movement in a limited space;
 calculation of temperatures at the outgoing air
 and air in the sucking space during its ventilation,
 p. 19.
 Severina, N. N. - Modern methods of measuring fan
 noise, p. 22.
 Measures against biological growth in the humifying
 chambers of air conditioning systems in rayon
 plants, p. 28.
 Gershkovich, V. F. - Lithium bromide absorption
 equipment for the cooling of residential areas with
 heat diversions in a hot water supply system, p. 29.
 Slesaren, E. V. - Economic reasons for the use of
 heat insulation around the air ducts of an air-
 conditioning system, p. 31.
 Pavlovskiy, A. P. - Experience in the operation of a
 sludge storage pond, p. 34.

- Belkin, L. D. - Knuckle joint compensation device for
 pipelines, p. 35.
 Kalinov, G. M. - Experience in the use of central air-
 conditioning units, p. 36.
 Frankel, L. D. - Laboratory apparatus for the study
 of methane fermentation, p. 36.
 Senichov, G. M. - Modern methods of drilling and sampling
 of hydrological test holes, p. 39.
 Fifth Czechoslovakian Conference on Heating and
 Ventilation of Industrial Buildings, p. 40.

No. 6, June 1967.

Table of contents translated:

- Livshits, I. F. - Expansion of heat engineering in the
 last 50 years, p. 1.
 Anfrier, L. N., and others. - Experimental evaluation
 of the methods for heat balance determination in
 premises, p. 8.
 Monozov, W. L. - Design of heat insulation made of
 phenolic foam for pipelines, p. 15.
 Gelling, A. K. - Use of thin wall pipes in sanitary
 engineering systems, p. 17.
 Khochalov, P. D. - Computer analysis of the joint
 operation of installations in a water supply system,
 p. 19.
 Apeltin, L. E., Snykin, M. E. - Determination of
 carbonate acid compounds in natural water, p. 23.
 Verigin, N. R., Litvinov, V. G. - Method of calculating
 the sludge drying process in mud basins, p. 28.
 Lukinyan, N. A., and others. - Diffuser purification of
 waste water containing synthetic sulfate-acetic
 matter, p. 33.
 Pikhov, V. M. - Dust collecting unit of the "Atom-kom"
 type, p. 35.
 Scientific and technical conference on heating system
 design, p. 38.
 Twenty-fifth Conference of the Leningrad Institute
 of Civil Engineering, p. 38 cover.

No. 7, July 1967.

Table of contents translated:

- Ulanovskiy, S. V., Koshchitskiy, E. V., Ginzburg,
 I. I. - Development of simulation methods for
 heating and ventilation engineering in the U.S.S.R.,
 p. 1.
 Avramov, A. M. - Design of high speed air distri-
 buting ducts with minimum cross-section, p. 8.
 Rikhsanov, M. D. - Hygienic evaluation of the
 perimeter ceiling-floor heating system with high
 capacity heat carrier, p. 15.
 Chayzayeva, K. V. - Increasing the efficiency of
 "Zagumak" plant high pressure ventilators, p. 17.
 Foklov, S. V. - Improved bond for the contact weld-
 ing of polyethylene pipes, p. 19.
 Dmitriyev, A. T., Khromskiy, N. A. - Installation
 method for checking water composition, p. 24.
 Kononov, I. V. - Water pollution standard 2761-67,
 p. 28.
 Lyschev, S. V., Kalitsov, V. I. - Installation for
 sand trapping during purification of waste waters,
 p. 31.
 Novikov, V. V. - Dust removal from filters during the
 machining of internal cavity walls of parts, p. 34.
 Fomkin, N. L. - Device for the repair of butt joints
 with rubber seals, p. 35.
 Scientific and technical seminar on return water use
 in industry, p. 40.

No. 2, Feb. 1968.

Table of contents translated:

- Sitronberg, I. A. A. - Ventilation of hot metalworking
 plants with irregularly located heat sources, p. 1.
 Sidorov, L. S. - Specific heat characteristics, p. 6.
 Anisimov, L. F., Galabinskiy, I. A. - Calculation of
 thermal radiation transmitted by an insulating
 window, p. 9.
 Zaslavskiy, V. M. - Evaluating two methods of
 removing the heating surface margin in radiator
 heating systems, p. 14.
 Viskovskiy, K. P. - Computer calculation of pump
 starting regimes, p. 19.
 Lashkov, I. M., Sitapokova, E. I. - Designing hydro-
 cyclones and microcyclones with help of a digital
 computer, p. 20.
 Syrov, M. N., and others. - Operation of filter sta-
 tions using alternating speed, p. 23.
 Shchelkin, N. A. - Construction and operation of
 water intakes from the sand deposits in Tula
 Province, p. 27.
 Bogatskiy, I. U. B., Bikkent, I. Kh. - Ashhandling
 equipment preparation and dosing process in
 northern Moscow Waterworks, p. 31.
 25th Scientific and Technical Conference of the
 Kharkovskiy Railroad Engineering Institute, p. 3 of
 cover.

VOPROSY GEOTEKHNIKI [PROBLEMS OF GEOTECH- NOLOGY]. Issued by Dnepropetrovskiy Institut Inzh- nernov Zhелеzнодорожного транспорта and Nauchno- issledovatel'skaya laboratoriya inzhenerov granulo- [Dnepropetrovsk Institute of Railroad Transportation Engineers and the Research Laboratory of Soil Mechanics]. Moscow, no. 11, 1967. Issued deforma- tions and methods of combating them.

Table of contents translated:

- Gol'dshein, M. N. - Principles of planning a stable
 roadbed, p. 3.
 Reznikov, O. M., and others. - Formation and develop-
 ment of ballast depressions in the basic platform,
 p. 11.
 Reznikov, O. M., and others. - Controlling deformations
 in sections with ballast depressions, p. 22.
 Lapshin, I. S. - Calculating the carrying capacity
 of the basic finished platform, p. 44.
 Lapshin, I. S., and others. - Processes in roadbed
 soils caused by the action of external factors,
 p. 57.
 Gol'dshein, M. N., and others. - Methods of combating
 the deformations in the tracks and main body of the
 roadbed, p. 78.

VOPROSY GIDROTEKHNIKI [PROBLEMS OF HYDRAU- LIC ENGINEERING]. Issued by Stetslavskiy nauch- no-issledovatel'skii Institut veduchih problem i gidro- tekhniki [Central Asiatic Scientific Research Insti- tute of Water Problems and Hydraulic Engineering]. Tashkent, no. 25, 1966.

Table of contents translated:

- Silverman, I. I. - Irrigating cotton fields through
 longer furrows under the conditions of Golodnaya
 Steppe, p. 5.
 Kalyuzhny, Kh. A. - Possibility of using vertical drainage
 in the Irkutsk Gass, p. 8.
 Pashkareva, Z. P. - Characteristics of the deep
 salinization of Golodnaya Steppe soils, p. 11.
 Khalmetov, G. A. - Balance of surface water bodies
 in the new irrigation region of the Golodnaya
 Steppe, p. 19.
 Pereyashkin, N. A. - Some results of the sprinkler
 irrigation of cotton fields, p. 16.
 Akhmedov, G. A., and others. - Some research data
 on evaporation and transpiration in a cotton field
 irrigated by sprinkler and furrow methods, p. 24.
 Cholgunkulov, E. D. - Studying evaporation from the
 surface of the Tashkent Reservoir, p. 33.
 Gerdman, O. S. - Self-purification in Salar, Uzbek,
 and Karakul'duk canal flows, p. 38.
 Sharov, E. V. - Water supply from underground sources
 in the old irrigation region of Golodnaya Steppe,
 p. 40.
 Kuznetsov, K. S. - Turbulent hydraulic flow of ground
 water with the consideration of evaporation,
 p. 43.
 Mikhlin, M. P. - Use of commutators for measuring
 pulsations of peripheral parameters of turbulent
 flows, p. 49.
 Kirilkin, V. I. A. - Structure of the alluvial loess as
 related to its physicochemical properties,
 p. 52.
 Talahov, K. - Decreasing water permeability of
 loess soils, p. 57.
 Usmanov, I. - New material for pipes used in closed
 horizontal drainage systems, p. 63.
 Salganov, A. I. A. - Methods and equipment for static
 tests of thin-walled pipes under the action of soil,
 p. 66.
 Arskov, V. A. - Automation of water flow metering
 in large linear canal, p. 70.
 Gerasimov, S. M. - Calculation of seepage to water
 outlets from reservoirs and canals, p. 71.
 Ostrovskiy, E. M. - Seepage liquid flow parameters
 for soil ramming, p. 80.

VSESOIYUZNY NAUCHNO-ISSLEDOVATELSKIY INSTITUT NOVIKH STROITEL'NYKH MATERIALOV. Sbornik nauchnykh [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NEW BUILDING MATERIALS. Papers]. Moscow, no. 15(23), 1967. Processes of the formation of the structures of polymer and mineral building materials and methods for investigating them.

Table of contents translated:

- Entev, V. S., Gorskoy, V. S., Shapiro, T. M. -
 Investigating the rheological properties of poly-
 vinyl chloride compositions with various fillers,
 p. 3.
 But, T. S. - Effect of fillers on the thermomechanical
 properties of plasticized polyvinyl chloride, p. 7.
 Gorskoy, V. S., and others. - The morphological investi-
 gation of the composition of plasticized polyvinyl
 chloride with various fillers, p. 11.
 Efremov, I. I. - Effect of nature and dispersity of a
 filler and the method of introducing components on
 the hardness of PVC compositions, p. 15.

- ures filled with polyvinyl chloride compositions using ultraviolet curing. p. 21.
- Khodakov, G. S., and others. - Possible effectiveness of mixing resins with fillers in plastic apparatuses. p. 21.
- Shchukina, N. L. - Effect of a plasticizer on the structure of polyvinyl chloride in suspension. p. 27.
- Conshkov, V. S., Gryzlova, L. G., Shchukina, N. L. - Determination of the degree of interaction of a filler and resin in PVC compositions used in the kinetics of dissolution. p. 30.
- Fadeeva, V. S., Gryzlova, L. G., Shchukina, N. L. - Structure of the polychloride-graphitic rubber mixture with lucene comonomer units. p. 32.
- Bellina, E. D., Khodakov, G. S. - Obtaining and investigating the properties of highly dispersed silicate fillers. p. 33.
- Khodakov, G. S., and others. - Surface-plastic fillers made from quartz. p. 44.
- Smirnov, V. S., Ralov, O. E. - Investigating the destruction of polymeric building materials during ignition. p. 49.
- Marev, E. D., Khmel'skaya, T. A. - Problem of localizing the hardening effect of water-soluble sugars on the cement binder in hardening admixtures. p. 50.
- Chernyskiy, I. U. S. - Formation of fibrous crystals during the specific hydration of cements. p. 55.
- Dubinskii, M. B., Fadeeva, V. S. - Investigation of the rheological properties of dispersed masses during their transition to two-phase processes. p. 62.
- Fadeeva, V. S., Mandukova, V. I. - Focusing extruding fillers with polyvinyl chloride compositions. p. 66.
- Alonin, V. D. - Using the composition and properties diagram for studying the mechanism of interaction of components in an adhesive system. p. 74.
- Margulis, M. I., Lipkind, Z. A. - Finely pulverized mineral fillers for polymeric building materials. p. 85.
- Davidov, O. A., Gorskii, V. S. - Determining the thermomechanical characteristics of building materials by the differential thermal analysis method. p. 98.
- Gornov, V. N., Svetlov, E. Ia., Bakhtin, E. L. - New method of testing for compression with direct plastic flow. p. 101.
- Alonin, V. D. - Actual water-cement ratio for lightweight concrete mixtures and the method for determining this ratio. p. 104.
- Bellina, E. D., Khodakov, G. S. - Measuring the specific surface of powders by filtration. p. 112.
- Zhilitskaya, E. D., Saminskii, A. M. - Method for determining the saturation of porous vulcanized rubbers. p. 128.
- Edelman, L. L., Koritskaya, A. I. - Method for evaluating the quality of blending of polymeric compositions. p. 129.
- Korshakov, V. S., Popov, K. N. - Using the emittance-reflectance method for evaluating the hydrating properties of silicate materials. p. 132.

e. ELECTRICAL ENGINEERING

- ANTENNY [ANTENNAS]. Issued by *Antennaya sektsiya Nauchno-tekhnicheskogo obshchestva radiofiziki i elektrosvazi* [Antenna Section of the Scientific Technological Society of Radio Engineering and Telecommunication]. Moscow, no. 3, 1968.
- Table of contents translated:
- Vilkovich, V. V., and others. - Meter band radio astronomy antennas. p. 3.
- Versikov, M. V., and others. - Ship antennas with inductive-capacitive load. p. 9.
- Martynov, N. A., Ushakov, E. D., Tsarapeta, S. A. - Application of mathematical programming to the synthesis of antenna arrays. p. 17.
- Zakharov, M. D., Kashin, V. A. - Contribution to the theory of antenna array synthesis. p. 30.
- Piotrovskii, A. A. - Effect of mutual coupling between elements on the radiation pattern of an electrically scattered antenna. p. 39.
- Kirillov, L. G. - Tables of excitation coefficients for elements and determination of some parameters of DolP - Chebyshev arrays. p. 49.
- Martushev, V. V. - Study of the lattices of plane waveguides. p. 62.
- Khrech, N. G. - Diffraction of a plane electromagnetic wave in a hollow dielectric wedge. p. 71.
- Narbat, V. P., Khmel'nitskaya, N. S. - Calculation of cross polarization diagrams of axially-symmetrical parabolic antennas with counterphase field distribution. p. 83.
- Pincenor, I. U. V. - Radiation of an elementary electrical vibrator located in the center of an ideally conductive round disk. p. 93.
- Shanov, S. I., Izdumir, A. P. - Correlational characteristics of noises in excitation and the efficiency of a combined video channel. p. 103.
- Braki, I. M. - Statistics of a mismatched array antenna with a binary Heibone phasing system. p. 113.
- Vol'man, V. I. - Design of wide-band strip Y-circulator. p. 130.

AVTOMATIKA I TELEMERHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomaticheskogo upravleniya Akademiya nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, Mar. 1968.

Table of contents translated:

- Shteyn, E. Ia. - Stabilization of the null solution of a system of linear differential equations. p. 5.
- Markushin, I. M., Shchegolev, S. N. - Approximate solution of a problem of analytical design of a controller for a system with delay. p. 13.
- Formalskii, A. M. - Area of controllability of systems with limited control resources. p. 21.
- Stets, L. O. - Consideration of reach lines in a problem of optimization of dynamic systems by the method of steepest descent in the programming techniques. p. 39.
- Berezinskiy, T. A., Vello, I. M., Ostrovskii, G. M. - Optimal conditions for complex processes. p. 37.
- Zolov, I. E. - Measurability stabilization of linear sampled-data control systems. p. 50.
- Krasovskiy, A. A. - Application of Z-transform to exponential approximation of correlation and transfer functions. p. 51.
- Ripin, V. G., Tarakanov, G. P. - Adaptation of systems of information reception and processing and theory of statistical solutions. p. 71.
- Gafarov, N. T., Medvedev, G. A. - Effect of drift on the behavior of a step system of automatic control. p. 85.
- Vaishteyn, E. M. - Game of two automata with different memory depths. p. 91.
- Alonin, V. D., Andreeva, E. A. - Simplest search mechanism controlling skeletal muscles. p. 103.
- Lisitsyn, A. I. - Stochastic search activity under conditions of stochastic artificial feedback. p. 109.
- Bakhtin, E. V., and others. - Some criteria in the evaluation of efficiency of logical machines using integral circuits. p. 131.
- Gornov, V. R. - Synthesis of optimized structures of switching devices with stochastic composition of test tables. p. 141.
- Vershchinskii, V. A. - Construction of a test table for the detection of logical faults in combinational compositions. p. 153.
- Ogurtsov, A. I. - Selection of parameters in V. M. Popov's stability criterion for controlled systems. p. 164.
- Volkov, S. A. - Linear evaluation of the derivative of the realization of a random process by a discrete spectrum. p. 167.
- Zaitsev, K. K. - Frequency characteristics of nonlinear logical links. p. 171.
- Cherkov, V. M. - Response to a harmonic input action of a discrete-type actuating mechanism operating with an inertial mass and compressible liquid. p. 175.
- Gurevich, G. L., and others. - Reading automation with an optical standard and electro-optical converter. p. 180.
- Al'mukhamedov, A. G. - Stabilization of the transfer function of a phase rotator using operational amplifiers. p. 184.
- McPhee, G. E. - Smoothing characteristics of an inductor-capacitor filter with triangular voltage input pulses. p. 197.

No. 4, Apr. 1968.

Table of contents translated:

- Letov, K., Molodt, Zh. - Power criteria of stability. p. 5.
- Korostalov, M. M. - Necessary and adequate conditions for weak observability. p. 17.
- Kukoznik, V. Ia. - Optimization of a multidimensional closed-loop system for an object with rectangular transfer matrix. p. 23.
- Mikhlin, A. K., Ulanov, G. M. - Application of Kolmogorov's equations to the analysis of stochastic processes in systems with variable structure. p. 34.
- Leifeldt, V. A., Raikin, A. I., Savitskii, I. U. P. - Optimal structure of the operation of systems with different types of elements. p. 42.
- Sarkova, M. V. - Approximation study of a pulse-relay control system. p. 49.
- Rotkovskiy, V. I. U., Sorin - Chudov, V. N. - Application of S. A. Tchaplygin's theorem to the synthesis of the parameters of the self-adjustment circuits of systems using information on amplitude frequency characteristics. p. 62.
- Gusev, I. A., Smirnov, I. M. - Languages, grammars, and abstract automata models: a review. Part I. p. 72.
- Vopnik, V. N., Chetvonenko, A. Ia. - Algorithms with complete memory and recurrent algorithms in the teaching of pattern cognition. p. 95.
- Romashchikov, A. A. - Convergence of certain algorithms of learning for adaptive threshold elements with conditional weight components. p. 107.
- Kazbekov, A. R., Krasov, I. M. - Dynamic characteristics of a system with a random function. p. 110.

- Portnov, M. L., Pashchenko, A. M. - Control system for exchanging information between control computer and technological plant in a distributed enterprise. p. 120.
- Dudkov, P. S., Ustinov, G. A. - Pulse information protection in telecontrol systems using a self-correlation method for reception. p. 131.
- Kashin, O. G. - Magnetic pulse with modulation in use in data processing in multichannel systems. p. 139.
- Gorodov, V. S. - One method for combined transmission of machine alphabet in a telecontrol system. p. 141.
- Dogadovskiy, S. A. - Identification algorithm by means of a control system. p. 151.
- Salits, V. V. - Determination of dynamic characteristics of a control plant in normal mode of operation. p. 166.
- Bakko, I. U. A., Shcherberg, I. U. O. - Generalized determination of periodic conditions in an automatic control of systems. p. 174.
- Zukovskiy, V. G., Orlov, V. A. - Selection of parameters of an optimum. p. 182.
- Melchikov, A. A. - Interference in control of a queue-barometer multistable elements. p. 191.
- Sulimov, A. S. - Realization of a control zone for code-pulse telecontrol systems.

AVTOMATIKA, TELEMERHANIKA I SVYAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Issued by *Organizatsiya avtomaticheskogo upravleniya i telemekhaniki* [Ministry of Railroad Transport of the U.S.S.R.]. Moscow, vol. 12, no. 1, Jan. 1968.

Table of contents translated:

- Semenov, N. M. - Contributions of railroad control workers in the third year of the three-year plan. p. 1.
- Furman, E. M., Varnov, I. U. V., Ryzhikov, I. I. - Device for measuring acceleration. p. 1.
- Levin, D. A. - Prospects for the development of distance cable communication lines. p. 1.
- Rozanov, V. A. - What a long-distance communication cable should be like? p. 12.
- Ostrovskiy, I. S., Ostrovskiy, I. A., Bakhtin, E. V. - Devices for remote controlled motion in a track. p. 14.
- Martukh, I. P., Babin, G. S. - Methods for increasing the reliability of primary information for electronic digital computers. p. 19.
- Zakharov, M. D. - Classification of relay systems by reliability. p. 21.
- Dubov, E. - "A telling." p. 23.
- Kashin, I. A. S. - Guarding the traffic safety. p. 23.
- Gribov, A. M., Konyshov, A. P. - Plans for scientific organization of labor in the USSR. Part I. p. 28.
- Lushchikov, M. A. - Replacement of a method of signaling cable without disrupting the operation of signaling devices. p. 30.
- Melchikov, A. A. - Generator for a high frequency tone. p. 31.
- Tsigel'man, G. B. - Device for checking signals in adaptors of automatic telegraph relays. p. 31.
- Leifeldt, V. A. - Attachment to an automatic meter for measuring pulsating voltage. p. 31.
- Tsvetkov, V. I. - Protection of a relay system from overloads. p. 36.
- Chirkov, A. G. - The RCH-3 joint meter. p. 36.
- Khmel'nitskaya, N. V. - The DK-32 meter. p. 36.
- Krasovskiy, N. V. - Improvement of modulation of a 40-transmission. p. 42.
- Dmitriyev, V. V. - Change in the power spectrum of an electric sound meter. p. 42.
- Reference list: germania translation. p. 42.
- Lisitsyn, V. M., Dmitriyev, I. I., Krasovskiy, I. A. - Enciphering in the automatic telecontrol systems. p. 45.

AVTOMATIKA [AUTOMATIC CONTROL]. Issued by *Instytut kibernetiky Akademii nauk URSR* [Institute of Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 13, no. 2, Mar. Apr. 1968.

Table of contents translated:

- Kondratiev, V. V. - Multidimensional automata with digital controllers. p. 3.
- Ozerlyan, M. O. - Study of the stability of systems with periodic parameters using a frequency method. p. 9.
- Itskan, I. M. - Optimization of technological processes with incomplete information. p. 19.
- Vitusin, T. K. - Optimal analyzer in stabilization for speech cognition. p. 30.
- Zaitsev, V. I. - Recognition of a limited class of signals. p. 35.
- Zaitchenko, I. U. P., Ilyin, I. I. - Improvement of convergence and accuracy of stochastic algorithms in the problem of determination of parameters of designs. p. 42.
- Ivakhnenko, O. I. - Discrete prediction filtering the integrals of a random function. p. 42.
- Ostrovskiy, A. S., Syntov, I. U. I. - Holographic systems. p. 64.

- Sirovov, V. D. - Channels for high-speed establishment of initial conditions. p. 73.
- Vedenev, L. M. - Graphical construction of amplitude-phase characteristics according to a numerical curve. p. 78.
- Ibratov, D. I., Nalimov, I. M., Oshkovskiy, G. I. - Use of the "Droptek" digital computer in the capacity of a spectrum analyzer. p. 81.
- Kravets', I. D. - Brushless electric motor and source scheme of its commutation. p. 84.
- Mandras'kiy, B. H., Sokolov, S. A. - Method for determining spectral density of a sampled-data system with several pulse elements. p. 86.
- Orlov, L. O. - Study of transient processes in nonlinear automatic control systems using non-linearized differential equations. p. 89.
- Horez, V. M., Kyslenko, I. U. - Chron elements of cognitive systems. p. 93.

ELEKTRONNAIA OBRABOTKA MATERIALOV [ELECTRONIC PROCESSING OF MATERIALS] Issued by Institut prikladnoi fiziki Akademii nauk Moldavskoi SSR [Institute of Applied Physics of the Academy of Sciences of the Moldavian S.S.R.]. Kishinev, no. 1091, 1968.

- Table of contents translated:
- Zlobin, G. P., Platin, A. H. - Effect of electric spark and other types of machining on the strength of hard alloys. p. 3.
- Izvyaylov, A. D., Kashirskiy, V. D. - Electrochemical dimensional machining of alloys. p. 10.
- Petrov, I. U. N., Mechalov, G. I. - Effect of the microstructure of 40 and U10 steels on the surface finish and the speed of metal removal during dimensional electrochemical machining. p. 15.
- Merkulov, A. M., Pechen, N. S. - Studying the process of gas formation during the decomposition of liquid organic products by slow electric discharge. p. 18.
- Kobzev, I. N., Kozlov, G. I., Khudjakov, G. N. - Oxidizing acetylene in a plasma jet. p. 22.
- Dzenik, V. M., Volinchenko, G. P. - Heat transfer during induced conversion in an electrolytic field. p. 31.
- Kremnev, O. A., and others. - Studying the process of the evaporation of low-molecular compounds made of capron chains in a fluidized bed with application of a high frequency electric field. p. 38.
- Holova, M. K., Burdula, I. U. T. - Effect of slightly heterogeneous electric fields on heat exchange during free convection in liquid dielectrics. p. 42.
- Kozhukhar', I. A., Boliga, M. K. - Heat exchange in dielectric liquid condensates under the effect of an electric field. p. 51.
- Samoilov, G. V., Gonchenko, S. P., Pucherkhanyan, I. A. - Effect of high emission from tungsten with films of re-entrant cathodes. p. 56.
- Khodolizko, M. A., and others. - Studying the orientation of plant seeds in a permanent magnetic field prior to the start of their germination. p. 68.
- Skallav, I. V., Trifonova, M. F. - Effect of a direct electric current on the metabolism of a germinating barley seed. p. 67.
- Lukhachev, A. I. - Effect of the field of a permanent electromagnet on the blood flow of the warmed blood. p. 75.
- Dmitrov, D. K. - Semi-automatic machine for the electric spark cutting of a thin metal tube. p. 81.
- Kachoruk, G. S. - Methods of measuring electric contact resistance. p. 88.

ELEKTROSIVIAZ' [TELECOMMUNICATION] Organ of Ministerstva svyazi SSSR and Nauchno-tekhnicheskoe obshchestvo radiotekhniki i telekrovnykh. Issued by Ministry of Communication of the U.S.S.R. and the A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunication. Moscow, vol. 22, no. 3, Mar. 1968.

- Table of contents translated:
- Chirkov, B. I. - Interference rejection of phase telegraphy and relative phase telegraphy detectors during the action of sinusoidal noise. p. 1.
- Marchenko, I. U. F. - Calculation of permissible magnitude of AM ratio interference for radio relay lines. p. 11.
- Ernstov, V. V. - Effectiveness of some methods for amplification of multichannel single band radio signals. p. 18.
- Uritukov, V. A., Bogdanova, O. V. - Calculation of optimal lengths of amplifying sections for V-3-3S apparatus. p. 26.
- Kuznetsov, V. D., Paramonov, V. K. - Characteristic impedances of nonsymmetrical multiple-wire coaxial transmission lines. p. 33.
- London, S. E., Ipeklin, G. S. - Optimal harmonic band filters. p. 40.
- Lakson, B. K. - Selection of cutoff frequencies in calculating filters using characteristic parameters. p. 53.
- Olshevskiy, N. N. - Concerning single band signal shaping filters. p. 59.
- Kopylov, P. M. - Differential distortions in color television. p. 64.

- Kazakov, A. A. - One method for increasing interference rejection in the reception of binary codes with redundancy. p. 69.
- Zeliger, A. N. - Methods for studying phasing systems. p. 76.
- Semenova, S. E. - Use of tunnel diodes in the compensation of losses in electric filters. p. 77.
- Vorobiov, V. A., Polivskii, G. A. - Method for synthesizing pulsed radio communication lines. p. 79.

Vol. 22, no. 4, Apr. 1968.

- Table of contents translated:
- Santlants, I. F. - Conceptual method for shaping a single band signal. p. 1.
- Chelver, V. N., Fedulin, V. G. - Problem of correction of statistically nonlinear distortions in television channels. p. 6.
- Zolner, D. L., Zhuravlev, V. I. - Interference rejection of a discrete data transmission system by signals with linear frequency modulation. p. 17.
- Fedorov, V. S., Antonov, O. E., Golitskiy, I. A. - Separation of two harmonic signals using a nonlinear four-terminal network. p. 24.
- Mikhaylov, M. I., Sokolov, S. A. - Lightning damage of long-distance cable circuits multiplexed by multichannel systems. p. 33.
- Ramsey, L. D. - Determination of the effects of lines carrying large current on cable strands with metal shavings. p. 39.
- Flecher, S. M. - Self-organizing receiving devices for a signal with unknown arrival time. p. 46.
- Berlachev, N. E. - Practical amplifying stage with composite feedback. p. 54.
- Saglit, A. I. - Distortion of an FM signal passing through an RF amplifier with square-law amplification characteristics. p. 62.
- Voskresenskiy, B. I. - Design of a cathode follower with compensated capacitance. p. 69.
- Nemolovskiy, M. S. - Simplified analysis of the propagation of a signal and noise through a frequency discriminator without an amplitude limiter. p. 77.
- Sixth Congress of the A. S. Popov Scientific and Technical Society of Radio and Electronics. p. 79.

ENERGETICHESKOE STROITEL'STVO: sbornik materialov po daniyam optimum [POWER CONSTRUCTION: Collection of Materials for the Exchange of Experience] Issued by Tekhnicheskoe upravleniye Ministerstva stroitel'sta elektrostani SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, no. 10/11(70/77), 1967.

- Table of contents translated:
- Hugonov, A. I., Stoklov, V. M. - 50 years of Soviet power engineering. p. 1.
- Alekseyev, I. A. - Designing of thermal power plants. p. 13.
- Sapozhnikov, F. V., and others. - Construction of thermal power plants. p. 22.
- Podtakov, A. S. - Designing and construction of central thermal power plants. p. 31.
- Nevskiy, A. A. - Development and improvement of central heating system designs. p. 42.
- Achkanov, D. I., Goncharov, S. F., Stukovskiy, I. I. - Installation of mechanical heat equipment in thermal power plants. p. 49.
- Lakshov, S. S., Khromchenko, E. A. - Working operations during the installation of mechanical heat equipment in power plants. p. 55.
- Vorobiov, S. T., Isakov, D. Z. - Heat insulation and brickwork in power plants. p. 69.
- Trunakov, G. V. - Construction of electric power plants. p. 64.
- Bazh, N. V. - Construction of hydroelectric power plants. p. 70.
- Moskov, V. M., Lebedev, V. G. - Construction of underground hydraulic structures. p. 81.
- Polonskiy, G. A. - Assembly of mechanical equipment and metal members in hydraulic structures. p. 88.
- Bozskov, S. S. - Designing of electric transmission lines and substations. p. 101.
- Grozhev, N. I., Kavin, D. I. - Construction of high voltage power networks. p. 110.
- Kazachenko, P. K., Volshteyn, G. M. - Industrial tests for power plant constructions. p. 117.
- Bogdanov, A. P., and others. - Mechanization of power plant construction work. p. 125.

No. 12(78), 1967.

- Table of contents translated:
- Iaguel'skiy, A. I. - Improving the organization and management of construction sites of the Kuzbassenergostray Trust. p. 1.
- Mikhailov, I. U. S., Krut'ko, A. A., Fed'kin, E. N. - Aluminum panels for the construction of movable walls in main structures of thermal power stations. p. 9.
- Tulenev, N. Z. - Efficient types of crawler cranes for the construction of thermal power plants. p. 13.
- Rutik, N. A., Kamirov, A. Z. - Shelter made of polyethylene sheet used in the laying of concrete foundations for turbine units during the winter. p. 22.
- Gronskiy, R. K., Rovatskaya, M. V., Sotolaki, G. P. - Combined flow sheets of chemical cleaning and protection of steam and direct flow boilers. p. 26.
- Golovov, E. G. - Preparation of concrete and mortar mixes for bricklaying and heat insulation works. p. 29.
- Koslovskiy, A. Z., Razumov, E. D. - Using salt electrodes for welding steam pipes made of 15KhMf steel. p. 32.
- Chernozubov, V. G. - Design of a joint welded pressure pipes made of high compression polyethylene. p. 39.
- Lavrov, V. G. - Temporary heating of the main hall of a thermal power plant. p. 78.
- Zhukova, V. V., Krut'ko, A. A. - Research on water handling at coarse aggregates for concrete mix at the construction site of the Krasnoyarsk Hydroelectric Power Station. p. 82.
- Andreyev, V. V., Vorobiev, V. V., Timofeev, B. T. - Research and experimental introduction of semi-automatic electric welding of heavy reinforced-concrete with use of steel forms. p. 46.
- Azarkovskiy, A. I., Feshchenko, A. A. - Pipe-to-pipe substitution of parameters in smooth blasting. p. 48.
- Golovinskiy, V. A. - Basic principles for preparing wear-resistant linings of hydraulic structures. p. 52.
- Golovinskiy, V. A. - Specific features of installation and lower construction for 220 kilovolt power lines under conditions of the Far North. p. 57.
- Elezberg, G. N. - New design solutions for the construction of 35 kilovolt substations. p. 64.
- Holova, M. K., Koshov, S. M. - Efficiency of encapsulating wind-blown sands in the construction of transmission lines. p. 67.
- Experience in the installation of complete transformer substations of 35-110 kilovolt in Western Siberia. p. 69.
- Golitskiy, N. I., Preshinskiy, S. M. - Efficient conditions for the wet heat treatment of reinforced concrete products. p. 75.
- Automation of the weighing process in the production of concrete and reinforced concrete products. p. 77.
- Lashinov, A. V. - Anticorrosive pastes for reinforcement skeleton frames. p. 80.
- Dmitriyev, T. S. - Direct reading of marks on the surveying rod during leveling. p. 81.
- Krutevskiy, I. A. - Studying asymmetric vibrations of generator base elements in foundations of K-200-130 + TG-20 turbine mills. p. 84.
- Kostovskiy, I. I., Tyutayev, E. M. - Improving the design of piping for power units with the help of computers. p. 88.
- Golovov, A. A., Miler, V. G., Rozantsev, M. S. - Selecting and arranging with the help of a computer, the routes necessary for the erection of the main building of a thermal power station. p. 92.
- Silakov, V. U. - Determining optimal conditions for the heat treatment of concrete. p. 95.

ENERGETIKA I ELEKTRIFIKATSIA [POWER ENGINEERING AND ELECTRIFICATION] Issued by Gosstatstatisticheskoye upravleniye Sovetskogo Ministra Upravleniya [State Planning Committee of the Council of Ministers of the U.S.S.R.]. and others. Kiev, no. 1(37), Jan.-Feb. 1968.

- Table of contents translated:
- Sitnikov, V. P., Ishchenko, I. U. - Machinery of 300 mw, power generating blocks in electric power plants of the Ukrainian S.S.R. p. 3.
- Kuznetsov, I. U. L., Il'yashov, G. M. - Effect of leakage in the furnace of the TP-100 boiler on its efficiency and operational reliability. p. 5.
- Golovinskiy, M. N., Krut'ko, A. A. - Vacuum starts of 200 Mw. blocks of the Taganrog State Regional Electric Power Plant from substate. p. 8.
- Shcherbina, V. S., Belenko, I. A. - Experience in the adjustment of the pulverized coal system of the Dneprovsk State Regional Electric Power Plant. p. 9.
- Krut', I. A., Volynskiy, V. A. - Redesigning of the external hydraulic ash disposal system of No. 1-11 boilers of the Slavyansk State Regional Electric Power Plant of the Dneprovsk State Regional Electric Power Plant. p. 10.
- Kharlamov, E. P., Pashchenko, V. V. - Effect of the deposits of salts on the efficiency of K-100-100 turbines. p. 11.
- El'kin, G. I., and others. - "Grozovyye" air preheater for steam boilers. p. 12.
- Volshteyn, E. M., Zolov, M. V., Ushakov, I. M. - Graphical method for calculating the height of the chimneys of electric power plants and large boiler systems. p. 13.
- Kaplanov, V. B., and others. - Turbogenerator with water cooling. p. 15.
- Ishchenko, I. U., and others. - Evaporational cooling of intergenerator rotors. p. 17.
- Volskiy, A. A., and others. - Contactless regulated a.c. drives. p. 19.
- Gerasimchenko, O. A., Karpenko, V. G., Sazhin, S. A. - Determination of absorption by means of two radiometers and a heat gauge. p. 22.
- Sukhov, B. N. - Magnetolectric logometer. p. 23.
- Kanevskiy, I. A. M. - Selection of relay protection settings for power transmission lines of traction substations. p. 24.

- Shimushkin, I. U. V. - Melting of ice crusts on 35-110-220 kv. lines and joint wires of overhead power transmission lines. p. 28.
- Trub, L. I. - Study in protection systems of 110-220 kv. lines of municipal electrical networks. p. 29.
- Arsh, E. L., Vifor, G. K. - Electrophysical method for testing the up-lifters ground. p. 29.
- Dobrotvsky, G. A. - Deep groundings using chemicals. p. 32.
- Isaev, P. D. - Method for sinking electrodes. p. 31.
- Dobrotvsky, S. L. - Group excitation of a multiple-unit block of encapsulated hydroelectric power plants. p. 35.
- Korobov, A. N. - Operation of the Donetsk Thermal Electric Power Plant according to the new system. p. 38.
- Zelenak, O. P., Ishe, F. A. - Selection of computational initial stage parameters for industrial thermal electric power plants with medium power rating. p. 42.
- Kacarenko, K. A. - Consideration of power transfer fluctuations through interconnection communication lines in the calculation of steady-state modes using digital computers. p. 41.
- Orech, I. A., and others. - Calculation of electro-mechanical transients of large hydroelectric power plants using the "Drozd" digital computer. p. 45.
- Volkovskiy, B. T. - Optimal control of complex systems. p. 47.
- Masennov, V. I. - New system of planning and financing in large-scale construction in Czechoslovakia. p. 49.
- International conference on industrial power systems. p. 51.
- School of progressive experience. p. 52.
- Exacts and facts from the development of electric power engineering in the Ukrainian S.S.R. p. 53.
- No. 3139, May-June 1968.
- Table of contents translated:
- Namov, A. N., Ryzhov, A. V. - Wear resistance and effectiveness of using fillings in ball mills. p. 3.
- Gorbatchevskiy, V. V. - Repair of feedwater economizers of TP-100 boilers in the electric power plants of the Donetsk Basin Electric Utility system. p. 6.
- Mikhailov, G. M., Kuznetsov, I. L. - Water heating of the drum of the TP-100 boiler during the start operation. p. 7.
- Degil', G. S. - Basic components of an improved oil supply system of KSV synchronous compensators. p. 8.
- Lazarev, G. B., and others. - Operation of regulated self-excitation rectifiers in the excitors of large turbogenerators. p. 11.
- Kolesnikov, B. V., Balashov, G. K. - Increasing the utilization of condenser banks. p. 14.
- Korotkiy, I. A. D., Tarasenko, S. L. - Shift for measuring the duration and speed of moving contacts of a switch. p. 15.
- Diel', M. A. - Some results of the use of "Kinepleks" type system in automatic control of the principal parameters of a 200 Mw. block. p. 17.
- Danilchenko, G. I., Hunkikh, G. A., Zhuravskiy, A. V. - Regulation of power using three-winding voltage boosting transformers during voltage fluctuations in a network. p. 20.
- Balashov, I. K. - Use of automatic digital computers in calculating the geometric dimensions of machines and electromagnetic loads of three-phase asynchronous motors. p. 22.
- Kotova, V. L. - Servo system. p. 24.
- Kislovskiy, P. K., and others. - Control of a storage unit during input and conversion of information. p. 26.
- Khatmovich, L. L. - Equalization of the electrical field of the stator slot of large turbogenerators and hydroelectric generators. p. 30.
- Hilaly, B. I., Kalmykov, I. Z., Kaplinov, V. B. - Non-steady heating of the rotor winding of an encapsulated hydroelectric generator. p. 33.
- Tokunov, V. P., Al'buladze, I. D., Mubarshev, Y. G. - Commutation of d.c. machines with loop windings in the armature without equalizing connections. p. 35.
- Krasnashapka, D. M. - Distribution of resultant torque between machines of an electromechanical machine-rectifier stage. p. 37.
- Kalinichenko, S. P., Granovskiy, S. A., Kats, E. S. - Determination of magnetic gaps under additional poles of large d.c. machines. p. 39.
- Bogaenko, I. N., Stechnina, B. A. - Increasing the power levels of large electrical machines using results of heat and ventilation tests. p. 41.
- Kafanali, V. T. - Operational characteristics of universal synchronous reactor motors. p. 43.
- Masennov, V. I. - Work of power engineers according to the new system. p. 40.
- Ishlo, F. A. - Study of the actual effectiveness of capital investments based on the example of an industrial and electric power plant with medium capacity. p. 49.
- Scientific and technical conference on the use of network schedule graphs in general overhead of power generating equipment. p. 51.
- Charkalskiy, A. K. - Economical method for cleaning power transformers. p. 52.
- Salenko, I. A. - System for protection from level increases in evaporators. p. 53.
- Blocking of the grid doors of bus line and line separator stages with bus line and line separators in indoor-type 3-10 kv. power distribution systems. p. 53.
- Redesigning of the crossarm of a flat controller. p. 53.
- Device for semi-automatic shifting of a double support in the grinding of contact rings of a generator rotor. p. 54.
- Elimination of complex disconnections of a 40 kv. power transmission line. p. 54.
- Filling of boilers with water prior their start without pumps. p. 55.
- Redesigning of cold industrial superheating pipes of TP-92 boilers. p. 55.
- Redesigning of raw coal bunkers. p. 55.
- Redesigning of the metal collecting system of a fuel supply system. p. 56.
- Ishcherko, I. U. F. - Introduction of large power generating blocks in electric power plants in the U.S.S.R. p. 56.
- MOSCOW. INSTITUT RADIOELEKTRONIK I GORNOI ELEKTROMEKHANIKI. Nauchnye izdatiye [INSTITUTE OF RADIO ELECTRONICS AND MINING ELECTRICAL ENGINEERING, Studies]. No. 55, 1965. Research of the Department of "Technology and Overall Mechanization of the Colliery and Mining of Minerals".
- Table of contents translated:
- Harachkov, A. S., Varchev, V. M. - Construction of mathematical and economic models for mines. p. 5.
- Buzdalov, A. S., Iaroslavskiy, O. I., Vorobiov, B. M. - Mathematical model of a shaft bottom. p. 13.
- Zelen, S. I. - Establishing the relation of labor productivity to the load on the mine and the medium dynamic thickness of the seam by the multiple and partial correlation method using electronic digital computers. p. 23.
- Dobrotvsky, L. G. - Criteria of the optimum in controlling variables of mine reorganization. p. 30.
- Eremkin, N. V. - Influence of ore breaking by the deceleration method on the concentration of mining operations and the increase of mine output. p. 31.
- Karasev, F. A. - Using slope powered units for the layer mining of coal seams of the Moscow Basin. p. 44.
- Makhar, A. S. - Improving technological elements of mining coal seams in great depths. p. 53.
- Kharachkov, V. A. - Investigating the breaking of coal and its resistance to cutting in slopes during coal plowing. p. 60.
- Kozmitskiy, I. U. N. - Investigating roof displacements during coal plowing. p. 68.
- Fedorov, B. I. - Clearance of roof rocks in long-wall No. 1006 of the "Tuzhova I" Mine of the "Shakhtovostroi" Trust. p. 75.
- Turay, A. P. - Selecting methods of controlling roofs with hand-to-rope rocks in flat seams of coal mines of the "Trostogol" Combine. p. 83.
- Veselen, I. U. A., Ispayev, V. V. - Some results of the study of rock movements in deep coal mines of the Donetsk Basin. p. 93.
- Veselen, I. U. A., Barchakov, I. I. - Determination of rock movements around belt-trail development workings. p. 98.
- Liskichev, V. S., Cherenak, I. I. - Prognosis of gull cutting in mine workings under conditions of the Moscow Coal Basin. p. 104.
- Moskalev, I. U. G. - Determining the carrying capacity of soil in mines according to critical humidity level. p. 111.
- Kadnikov, V. V. - Field studies of rock in cuspate manifestations in coal mine workings of the Donetsk Basin. p. 124.
- Solov, S. D., Slankovskiy, F. F. - Certain problems in the hydraulic lift of worked out areas. p. 135.
- Dobrotvsky, L. G., Makhar, A. S. - Economic efficiency of working coal mine pillars with hydraulic lift. p. 143.
- Polunin, V. T., Popov, R. I., Nechiporenko, P. E. - Efficiency of increasing the speed of coal mine conveyors. p. 151.
- Chiray, T. I., Stekhanov, V. K. - Problem of modeling and calculation in the broken ore. p. 162.
- Kuznetsov, P. A., Kozlov, I. A., Balashov, S. N. - Ways of reducing losses of the broken ore at the bottom in mass saving mining systems. p. 167.
- Harabov, V. A. - Influence of belt rigidity on the permissible angle of inclination for shaft rollers. p. 177.
- Karazhlov, I. U. N. - Efficiency of conveyor transportation on the temperature of air in coal mines of the "Restovogol" Combine. p. 185.
- Orechko, N. N. - Mechanism of conveying solid materials by turbulent flow in mine slopes. p. 189.
- Kirin, D. F. - Increasing coal dust wettablity by solutions of surface active agents. p. 203.
- Isaev, R. N. - Determining the minimum velocity of airflow in mine workings. p. 208.
- Anashov, D. A., Grashchenkov, N. F. - Water injection for dust control in stone quarries. p. 217.
- Moshalov, E. M., Orlovskiy, N. N. - Principles of similarity criteria in modeling movements of aerosol in turbulent flow. p. 227.
- Kuluzov, B. N., Kanlovich, L. I. - Determination of conditions for roller bit drilling of an open-pit mines. p. 238.
- Moschikov, V. S. - Using geoelectric explorer for drying mine pillars. p. 246.
- Pashchenkov, V. Z. - Analyzing the accuracy of photoelectric measurements. p. 252.
- Fedorov, B. D. - Insertion of coordinate points in surveying plans compiled in the old system coordinates. p. 263.
- Pashchenkov, V. Z. - Testing DST-2 photolux under underground conditions. p. 273.
- Nazimov, I. K., and others. - Economic efficiency of truck and railroad transportation at Mikhaylovka Iron Ore Open-pit Mine in the Magdalen Anomaly. p. 279.
- Namov, I. K., Ilegalin, N. N., Korshchikov, P. N. - Using high-capacity rotary bucket excavators in major mine workings. p. 303.
- Avedinov, P. V. - Results of adapting network methods for the management of the "Baba" No. 1 Coal Mine of the "Tolmagol" Combine. p. 313.
- Ishchkin, V. I. - Determination of reaction in brakes with centrifugal drives. p. 321.
- MOSCOW. VSESOIUSNYI NAUCHNO-ISSLEDOVSKIY INSTITUT ELEKTROINGENIERINGI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF ELECTRIC POWER ENGINEERING, Transactions]. No. 29, 1967.
- Table of contents translated:
- Vasil'eva, G. V., and others. - Calculation of stability of a power system using a digital computer. p. 5.
- Lokshin, E. K., and others. - Calculation of dynamic stability of complex power system using digital computers. p. 13.
- Valner, I. G., Gurevich, M. E., Khachaturov, A. A. - Effect of the consideration of transients in the calculation of the stability of synchronous machines. p. 30.
- Sandakova, L. G., Khachaturov, A. A. - The specific current equalizing commutation generators in by-phase asynchronous as a rectifier. p. 56.
- Potilov, M. G., Stepanov, S. E. - Present methods for asynchronous preventing nonsynchronous operation. p. 65.
- Trushchikov, L. I. - Study of transients in the Shy-Moscow 500 kv. power transmission line. p. 77.
- Trushchikov, L. I., and others. - Study of the Shy-Volgograd-Moscow 500 kv. power transmission line. p. 85.
- Kuznetsov, I. U. P., and others. - Results of the stability of a long-distance power transmission using analog computers. p. 100.
- Gurevich, M. E. - Stability of a load functioning with motors with nonuniform characteristics. p. 105.
- Chudakov, L. M., Gurevich, M. E. - Experimental determination of the load characteristics of systems. p. 152.
- Kolman, G. V., Sokolov, N. I., Khachaturov, A. A. - Study of a high-frequency excitation using analog computers. p. 174.
- Potilov, A. I., Sokolov, N. I. - Regulation of the load of asynchronous machines with provisory transient. p. 193.
- Doroshenko, G. A., Luginskii, I. A. N. - Tasks, prospects and methods for the realization of frequency regulation of steam turbines. p. 215.
- Gurevich, M. E., Khachaturov, A. A. - Effect parameters of a synchronous motor on a system. p. 235.
- Kirnosov, V. G., Luginskii, I. A. N., Sokolov, A. N. - Power transducer for automatic equipment of power systems. p. 256.
- MOSCOW. VSESOIUSNYI NAUCHNO-ISSLEDOVSKIY INSTITUT MAGNETNOI ZAPISI I TEKHNIKI RADIOVESHCHANIYA I TELEVIDENIYA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MAGNETIC RECORDING AND RADIOBROADCASTING AND TELEVISION ENGINEERING, Transactions]. No. 5(5), 1967.
- Table of contents translated:
- Korotkiy, V. G. - Nonlinear distortions of the magnetic recording with high-frequency magnetic fields. p. 5.
- Korotkiy, V. G. - Compensation of nonlinear distortions for magnetic sound recording. p. 35.
- Medvedev, I. I. - Modulation noise. p. 48.
- Arnold, R. R. - Principles of the design of heads for the recording and reproduction of frequencies. p. 58.
- Gillies, M. G., Mikhaylov, A. V. - Error of the measuring of tape speed of tape speed factor using an induction head. p. 73.
- Eisnerov, A. S. - Ferrite cores for magnetic heads with increased wear resistance. p. 79.
- Mikhaylov, A. V. - Experience in developing operating tape stretching mechanisms with stability of instantaneous speed of the tape. p. 80.

- Lazarev, V. I., Mikheleina, O. V. - Means for increasing the operational stability of the automatic control system of the drive motor. p. 112.
- Alekseev, G. I. - Simple method for the preemphasis of an error control signal for a regulated delay line. p. 120.
- Alekseev, G. I. - Methods for preventing time distortions in magnetic recording. p. 125.
- Shilin, A. B. - Effect of additive noises of a video tape recorder on the accuracy of the separation of sync pulses from the reproduced signal. p. 132.
- Rogorodskii, R. I., Lishin, L. G. - Optimal parameters of an artificial delay line. p. 139.
- Sukhot, K. A., Lishin, A. G. - Power amplifier using regulated diodes. p. 147.
- Krasny, K. R. - Analyzer of nonsteady processes. p. 155.
- Matveevskii, L. Z. - Study of magnetic tapes for video tape recording. p. 160.
- Panier, G. B. - Special features of the placement of α -FeO \cdot 0.11H $_2$ O in a pseudodielectric layer of inert material. p. 165.

ПРИЛОЖЕНИЕ К СИСТЕМЕ АВТОМАТИКИ [APPARATUS AND SYSTEMS OF AUTOMATIC CONTROL]. Kharkov, no. 5, 1967.

- Table of contents translated:
- Gostev, V. I. - A differential regulator operating with a square-wave carrier. p. 3.
- Dmitriyenko, L. P., Dudkin, R. I. - Relay control relays and generators operating in grid-cathode thyristors. p. 11.
- Kuznetsov, A. A., Marichev, A. N., Nisov, G. R. - Simple proportional regulator for the automation of the loading of ore in a mill from a run of successively placed bins. p. 17.
- Trutnevskiy, L. V., Garkhin, I. V., Sviridenko, N. N. - Regulating modes of grid protection systems of mercury arc converters and prospects for realizing them. p. 23.
- Volkov, A. A., Savin, O. R., Samoylov, A. A. - Automatic adjustment of magnetic mass spectrometers to the maximum of peak plate current. p. 29.
- Ivanchevskiy, E. A., Koshchich, A. M. - Elimination of interrelated failures of the control elements in the automatic control systems of mines. p. 30.
- Kozlovskiy, V. S. - Determination of optimal conditions for automatic analysis of the composition of binary media. p. 41.
- Kozlovskiy, V. S. - Contribution to the theory of automatic analysis of composition using scattered gamma radiation. p. 47.
- Tranchenko, E. A., Kashchich, A. M. - Reservation with quantum elements in the systems of automatic control. p. 49.
- Belina, A. S. - Use of the digital machines theory in structural synthesis of the block of adaptation of a diacritic system for the collection and processing of information. p. 64.
- Kozlovskiy, V. S. - One method for increasing the effectiveness of a computer in engineering calculations. p. 66.
- Vasilchenko, I. A., Kakin, N. A. - Realization of functionally complete systems in ten-valued logic. p. 72.
- Vasilchenko, I. A., Sviridenko, L. H., Kakin, N. A. - Engineering modeling of the Weber function in K-valued logic. p. 79.
- Kozlovskiy, S. N., Loshin, V. M., Fabin, L. P. - Electronic modeling of transients in d.c. electromagnets. p. 83.
- Ogorodnichuk, I. F., Ostrozhnikov, V. D., Donker, E. G. - Physical model of a branching electrical network used in the capacity of a data transmission channel. p. 88.
- Salyan, V. I. - Mathematical description of the statics of a latching process. p. 97.
- Makarov, A. K. - Analytical and semi-graphical determination of the load-carrying capacity of transistor logical elements based on the boundary calculation method. p. 102.
- Prushkin, E. G., Zhitinskii, A. V., Shirov, G. I. - Determination of the parameters of radiotelemetry systems of industrial plants. p. 110.
- Evscev, V. M., Sviridenko, V. N., Sidorov, G. I. - Some uses of ferrites in radio control systems of industrial plants. p. 110.
- Zhuravlev, I. A. - Selection of operating frequencies for underground radiotelemetry. p. 124.
- Zhuravlev, I. A., Litayshin, V. I. - Study of the noise of rocks. p. 128.
- Ogorodnichuk, I. F., Solodko, V. P., Volkov, K. A. - Application of wideband magnetic recording techniques to experimental determination of interference rejection of remote control systems of mines. p. 133.
- Alekshin, V. I. - Analysis of the construction of optical-electronic data processing equipment. p. 137.
- Gostev, V. I. - Networks for the suppression of square wave components in a.c. systems. p. 141.
- Marigodov, V. K. - Phase correctors for telephone channels of radio relay lines. p. 147.

ПРОБЛЕМЫ ГИДРОЭНЕРГЕТИКИ И ВОДНОГО КИО-ЗНАСТВА [PROBLEMS IN HYDROELECTRIC POWER AND WATER RESOURCES]. Issued by Institut energetiki Akademii nauk Kazakhskoi SSSR [Institute of Power Engineering of the Academy of Sciences of the Kazakh S. S. R.], Alma-Ata, no. 4, 1968.

- Table of contents translated:
- Bushler, I. V., Sergeeva, L. V. - Application of methods in the theory of random functions to water supply engineering. p. 3.
- Kli, V. A., Kozlovskiy, A. V., Radlov, A. S. - Optimum annual distribution of a regulated flow of a hydroelectric power plant cascade in a combined power producing and catchment use. p. 29.
- Sokharov, S. - Methods for efficient use of water resources in desert and semidesert conditions. p. 38.
- Chikh, Sh. Ch., Radlov, V. R. - Generalized method for calculation of three flow regulation under single cycle operating conditions of a reservoir. p. 49.
- Kapitel'skiy, N. A. - Full probability formula in the theory of three flow regulation. p. 56.
- Kiselev, V. A. - Use of the integral equation method for the calculation of long-period flow for two consumers with different requirements. p. 60.
- Kiselev, V. A. - Analytical presentation of flow shortages and waste under conditions of long-period regulation and two consumers with different requirements. p. 102.
- Kiselev, V. A., Ostrov, E. S. - Approximate method for plotting an absolute curve of reservoir filling in a long-period flow regulation system. p. 117.
- Ostrov, E. S. - Closed solutions of the equations of reservoir filling security in a long-period flow regulation system. p. 127.
- Ostrov, E. S. - Analytical calculation of a multipurpose reservoir with a long-period shallow flow regulation. p. 134.
- Pliskov, I. A. - Choice of an efficient size for a waste water collection. p. 144.
- Vagapov, M. K., Tsvetkova, L. D. - Simplified method for the distribution of water from a reservoir among consumers with different requirements. p. 148.
- Basalov, I. V. - Mathematical and statistical methods for the processing of telemetric data. p. 152.
- Vasilina, A. I., Shchavskiy, G. K. - Mathematical description of the topography of a high mountain water drainage basin. p. 165.
- Grigoriev, V. A. - Stochastic differential equations of river flow. p. 181.
- Kozlovskiy, N. T. - Flow formation of the III and Black fish rivers. p. 187.
- Shchavskiy, A. P., Norgaliev, S. N. - New formula for the calculation of evaporation considering the difference in water and air temperatures. p. 195.
- Braslavskiy, A. P., Koptonen, N. P. - Estimating mean temperature and humidity of the air over bodies of water. p. 207.
- Siergida, K. B., Chernov, V. F. - Experience with a floating evaporation basin with a surface of 20 m² at the Kengir reservoir. p. 213.
- Siergida, K. B. - Determining the mean water temperature surface of a reservoir. p. 226.
- Chikh, Sh. Ch., Akhmedov, T. K. - Studying hydroelectric conditions of the operation of the Kapchagay Hydroelectric Power Plant. p. 237.
- Ozaybekova, E. N. - Calculation of constant levels of inflow by the filling curves method. p. 252.
- Zakharov, V. B. - Instruction on cost distribution among the components of a complex water project. p. 261.

RADIO. Organ of Ministerstvo sel'skoi SSSR and Vsesoyuznoye obshchestvo radioelektroniki (Union of the U. S. S. R. and the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy). Moscow, no. 3, Mar. 1968.

- Table of contents translated:
- A new stage and new objectives. p. 1.
- Krivos, I. U. - I am a Communist. p. 3.
- Zakharov, V. B. - Vera, a radio operator. p. 5.
- Golovaneva, G. - The new is birth in Gorki. p. 8.
- Competition "Radio-10". p. 7.
- Kazanskii, N. - Championships of 1968. p. 8.
- Shklovskiy, V. - More attention should be devoted to the competitions of young radio amateurs. p. 9.
- Anisimov, V. - Radio operators of the Taiman Division. p. 10.
- Drazilin, V. - Radioelectronics in the defence of the nation. p. 12.
- Fedorov, B. - Ultrashort wave radio station. p. 14.
- Donitsenko, A., Bondarenko, N. - Portable 1215-1250 Mc. radio stations. Radio station using a 12SS tube. Radio station using a 6SD tube. p. 17.
- CQ-U. p. 10.
- Amateur radio certificates of the world. p. 20.
- Akimov, A. - "Fox hunter" for 144-146 mc. operation. p. 22.
- Shonov, F. - "Fox hunter" with a radiocompass for 3.5 mc. operation. p. 24.
- Kozlovskiy, V. S. - Radiotelemetry in the defence of the nation. p. 26.

- Rodin, A. - Trachea, A. - Magnetic beam deflection in color television. p. 30.
- Tarasov, I. - "Himnastik" magnetic tape recorder. p. 33.
- Kolesnik, V. - Stereophonic amplifier. p. 36.
- Sindelskiy, V. - Remote control of amplification. p. 40.
- Ganbarov, M., Kozlovskiy, A. - Synchronizer for the sound track of amateur motion picture projects. p. 42.
- Pikhtanov, A. - Transistors in an unconventional operating mode. p. 46.
- Dzhukovskiy, V., Kigam, S. - Television methods in control. p. 46.
- Vandakina, A. - Transistor testers. p. 49.
- Fleets, V., Lukin, V. - Record players with spring motors. p. 52.
- Tekhnologicheskii, p. 53.
- Lentov, V., Fedulov, V. - Parameters and sockets of junction transistors developed and produced by foreign companies. p. 59.
- Lebedev, D. - "Radio plates." p. 62.

RADIOELEKTRONIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 13, no. 4, Apr. 1968.

- Table of contents translated:
- Krupskiy, V. N., IAKhimenko, I. P. - Symmetrical electromagnetic waves in a nonhomogeneous plasma waveguide. p. 579.
- Kiselevskiy, V. Z. - Far-field electromagnetic oscillations of dielectric bodies in an infinite medium and characteristic functions of the discrete spectrum. p. 586.
- Evdymov, H. A., Evdymov, G. A., Komarov, V. D. - Method for the synthesis of human lattices with maximal efficiency. p. 591.
- Anek, I. U. - Short-term frequency instability and frequency spectra of non-linearly interactive signals. p. 600.
- Sindelskiy, V. G. - Some problems of detection and filtration of signals with Markov-type background noise. Nonstationary signals. p. 610.
- Dukhov, A. P. - Characteristics of maximum limited sum of Markov streams. p. 610.
- Bykovskiy, M. A. - Noise and features of independent reception of signals in a multibeam channel with incoherent separation of tones. p. 624.
- Marchenko, B. G. - Bandwidth radio link subject to the action of multiplicative noise. p. 630.
- Kolesnikov, N. B. - Effectiveness of using several cycles in the detection of a light signal. p. 635.
- Troshchay, A. S. - Distribution of the absolute maximum of time position probability at the output of a matched filter. p. 652.
- Dmitriyenko, V. P. - Optimal filtration of a synthesized signal. p. 658.
- Leshchenko, G. R., Papkovskiy, V. P., Tyrlinskii, V. P. - Mechanism of the inversion of the population levels of multilevel argon ions. p. 663.
- Galkin, S. V., Pilyunin, G. F. - Effect of opposing radiation on the operation of a travelling-wave tube in an amplifying mode. p. 669.
- Lahov, G. B., Bogachuk, V. I. - Detection of ultrawave oscillations by a plasma probe method. p. 670.
- Galkin, I. U. V. - Origin of a constant electric field during the propagation of an electromagnetic wave in a nonlinear medium. p. 688.
- Kozlovskiy, V. S., Potemkin, V. V., Vinogradov, P. - Low-frequency noise of inverted diodes. p. 695.
- Mandau, K. S., Sviridenko, L. A., Litvin, V. S. - Calculation of the characteristics of a parametric amplifier during detection of the jumping in the straight branch of the volt-ampere characteristic of the diode. p. 702.
- Kuznetsov, V. A., Pershenkov, V. S. - Transient processes in the switching of a thyristor. p. 709.
- Horodov, A. A., Pchel'nikov, I. U. N. - Some results of the experimental study of joint controlling and periodic electronic focusing. p. 719.
- Vakulashov, V. P., Belikov, A. S. - Calculation of the coupling coefficient of a round dielectric wave guides. p. 725.
- Kovshin, A. I., Smorgonskiy, V. A. - Critical losses in an elliptical waveguide with a dielectric rod. p. 727.
- Kuznetsov, I. A. - Synthesis of smooth matching dielectric junctions. p. 730.
- Shkharin, B. I. - One critical case in the theory of automatic phase frequency control with a phase detector having a parameter dependent characteristic. p. 732.
- Kozlovskiy, N. A. - Energy relationships with optimal spatial resolution of point objects. p. 734.
- Shkharin, B. I. - Desynchronization in an automatic phase frequency control system. p. 737.
- Bekasov, A. P. - Sensitivity of regenerative circuits to a change in a random parameter. p. 741.
- Andriashkin, V. M., and others. - Regenerative power laser. p. 743.
- Oshin, A. I., Lebedev, V. V., Abrosimov, G. V. -

- Kashin, N. V., Kider, I. B. - Output power of lasers. p. 549.
- Lebedev, V. V., Odintsov, A. I., Salimov, V. M. - Study of the conditions of excitation of generation lines in an argon-ion laser. p. 551.
- Borisov, M. S., Pydyk, A. M. - Study of the frequency spectrum of generation of ion lasers. p. 553.
- Gaiduk, V. I. - Electrodynamics of magnetrons of charges localized by their own electromagnetic field. p. 556.
- Valishko, E. G., Polushin, R. I. - Effects of non-linearity in p-n-p-n. p. 560.
- Brilov, V. A. - Effect of different conditions of thermal excitation of silicon on the density of surface states. p. 564.

REFERATIVNYI ZHURNAL: AVTOMATIKA, TELEMATIKA I VYCHISLITEL'NAYA TEKHNIKA [JOURNAL OF AUTOMATIC CONTROL, REMOTE CONTROL, AND COMPUTING TECHNOLOGY]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 1, July 1968.

REFERATIVNYI ZHURNAL: ELEKTRONIKA I EENENIENIE [JOURNAL OF ELECTRONICS AND ITS APPLICATIONS]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 5, May 1968.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENGERIYKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 6-7, June-July 1968.

REFERATIVNYI ZHURNAL: IADERNYE REAKTORY [NUCLEAR REACTORS] [JOURNAL OF ABSTRACTS: NUCLEAR REACTORS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1968.

REFERATIVNYI ZHURNAL: RADIOTEKHNIKA [JOURNAL OF ABSTRACTS: RADIO ENGINEERING]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 6-7, June-July 1968.

SVETLOVOSEK, ULAL'SKII ELEKTROMEKHANICHESKII INSTITUT INZHENEROV ZHELEZNODOZHNOGO TRANSPORTA. Trudy [URAL ELECTRO-MECHANICAL INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 12, 1968. Electric railroad power supply.

- Table of contents translated:
- Kabanov, V. A. - Determining the throughput capacity of an electrified sector. p. 2.
- Kabanov, V. A. - Approximation method of determining the freight throughput capacity of an electrified sector. p. 7.
- Pentazkov, A. V., Bel, I. M. - Analyzing the performance of fast acting switches with an inductive shunt. p. 14.
- Pentazkov, A. V., Saltykov, A. I., Bel, I. M. - Device for histology of random processes. p. 23.
- Tret'jak, T. P., Nizov, A. S., Zolotarev, E. A. - Mercury rectifying unit for high-voltage power supply system. p. 29.
- Umanov, B. N. - Contactless regulation of transformer voltage by magnetizing nodal-line torres. p. 38.
- Paylov, I. F., Branner, R. N. - Some comparative data on a transformer with contactless regulation and short circuit current limitation. p. 45.
- Velugin, E. M. - Some problems in selecting and designing saturation reactors for composite voltage control circuits of transformers. p. 56.
- Mshadimov, R. M. - Problem of determining the voltage level in an overhead contact network of electric railroads. p. 65.
- Kleinerman, M. I. - Using the standard method of designing protection systems in a.c. and d.c. lines. p. 60.
- Nikolov, G. A. - Studying the protection system of a d.c. line converter guarding against breaks in the inversion process and reverse firing. p. 70.
- Timmerman, G. A., Sannikov, I. G. - Testing rod indicators for detecting defects in insulators of the d.c. overhead contact network. p. 83.

TEORETICHESKAYA ELEKTROTEKHNIKA [THEORETICAL ELECTRICAL ENGINEERING]. L'viv, no. 3, 1967.

Table of contents translated:

Milich, A. N., Kirpalovskii, S. I. - From the history of the rise and development of theoretical principles of electrical engineering in the Ukraine. p. 3.

- Vladimirov, V. L., Topchik, V. Z. - Study of the resonance curves of a series staged submicron-resonant tank. p. 16.
- Zborovskii, I. A., Lopato, B. A., Iasko-Tchukhskii, A. A. - Sinusoidal method for transient analysis in a single-phase bridge rectifier. p. 27.
- Khuri, R. I. - Threshold transition of a three-phase bridge-type magnetic amplifier. p. 28.
- Mamzili, B. A. - Analysis of steady-state mode of a transistor self-oscillator. p. 43.
- Podolskiy, V. M. - Application of Newton's method to the analysis of nonlinear electrical networks. p. 55.
- Arizantsev, V. A. - Time and spectral matrices of parametric four-terminal networks. p. 62.
- Blizka, N. D. - Simplest parametric RC circuit. p. 72.
- Gavrilov, I. P., Slegedch, A. I. - Modeling of control systems with varying coefficients. p. 81.
- State, I. U. A. - Determination of the spectra of an amplitude limited FM signal. p. 85.
- Selukov, L. I., Ilyev, E. I. - Frequency characteristics of a class B pulse amplifier. p. 90.
- Parlov, G. E. - Contribution to the theory of circuits with quadrators. p. 97.
- Maksimovich, N. G. - Determination of trees and chord system of a circuit with multiterminal elements. p. 101.
- Glazkov, D. I. - Determination of linear network transmission by means of admittance graph sub-trees. p. 111.
- Blizhevich, R. I. - Determination of a network with short-circuited nodes. p. 120.
- Gitsai, M. A. - Use of the loop current method in calculating the operating modes of electrical systems by means of electronic digital computers. p. 126.
- Kostin, I. A. P. - Determination of the Duhamel integral for a case of nonresonant conditions. p. 131.
- Tozoni, O. V. - Calculation of the magnetic field of saturated magnetic circuits using digital computers. p. 134.
- Belashenko, E. I., Kachev, G. S. - Calculation of transients of disymmetrical devices. p. 141.
- Vlasov, V. P. - Design of a permanent magnet with random form. p. 147.

I. INDUSTRIES & TRADES

IIUMAZHNAIA PROMYSL'ENNOST' [PAPER INDUSTRY]. Organ of Goskumbratsionnyi komitet po komsul'stvoval'stvo-bumazhnoi, derevno-khimiicheskoi promyshlennosti i lesnaya khozaystva yet Gosplane SSSR and Tsentrall'noye upravleniye MTO bumazhnoi i derevno-khimiicheskoi promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, no. 6, June 1968.

- Table of contents translated:
- Problems solutions which cannot be postponed. p. 1.
- Gugulov, I. U. A. - Chemical mechanism of sulfate cooking of cellulose. p. 3.
- Belashenko, A. A., Trukhinikov, N. E. - Parenchymizing of cellulose produced from aspen and larch woodpulp. p. 5.
- Timonov, T. A. - Oxidizing effect of chlorine dioxide on cellulose. p. 7.
- Tof'sell, O. A. - Reupholing a machine for the processing of high quality paperboard for the production of boxes. p. 9.
- Zamorov, B. M. - Machines are needed for a wide assortment of production. p. 10.
- Ludakov, S. M. - Increasing the output of top grade paper. p. 11.
- Seventieth birthday of N. I. Kozlov. p. 11.
- G. I. Karikov, honorary member of the Scientific Organization of Labor is 70 years old. p. 11.
- Olukhov, V. S. - IBM computers in the paper industry. p. 12.
- Spektor, L. V. - Device measuring the correlation of the speeds of paper-manufacturing machines with digital indicators. p. 14.
- Byzov, A. P. - High cellulose yields. p. 18.
- Shel'tsina, F. M., Birkov, M. V. - New technology for wood processing at the Bratsk Combine. p. 17.
- Verigin, G. T. - Valuable improvements. p. 20.
- Shvelsov, I. A. N. - Method determining the air-dry weight of paper bags. p. 21.
- Bushmolev, V. A. - New methodology for the calculation of pulp-washing processes. p. 23.
- Binitatov, M. F., Smol, Zh. V. - Establishing the relationship between the properties of the mass and the quality of the production by the method of mathematical statistics. p. 25.
- Zelichenko, I. Z. - Development of scientifically oriented norms for the working capital. p. 28.

KIARCHOVA PROMYSL'OVIST' [FOOD INDUSTRY].

Issued by Instym i tekhnicheskoi informatsii Dorsavrecho komiteta Rady Ministriv USSR po komsul'stvoval'stvo-bumazhnoi, derevno-khimiicheskoi promyshlennosti i lesnaya khozaystva yet Gosplane SSSR and Tsentrall'noye upravleniye MTO bumazhnoi i derevno-khimiicheskoi promyshlennosti [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Ukrainian Scientific Technological Society of the Food Industry]. Kiev, vol. 9, no. 137, Jan. - Feb. 1968.

- Table of contents translated:
- Reznik, I. I. - New rise of the Ukrainian industry. p. 1.
- Holovitsky, I. E. M. - Technological progress as for permanent surveillance. p. 4.
- Herastimov, V. A. - Development of production capacities in the food industry of the Sverdlovsk and their utilization. p. 6.
- Vorobeyko, T. M. - Determining the productivity capacity of the spirit vinegar industry. p. 15.
- Braun, O. V. - Technological and economic determination of real sugar content in beets. p. 11.
- Reznik, I. I. - Cooperation of factories manufacturing vacuum-pressed salt with chemical combines. p. 13.
- Vorobeyko, S. S. - Economic effectiveness of determining the quality and development of the production assortment in salt manufacturing enterprises. p. 16.
- Stigmar, I. S., Tytova, L. I. - Norms of the expenditures of basic investment funds in capital and overhead repairs in the enterprises of the salt and food industry. p. 18.
- Iakovlev, I. A., Dmitriyev, V. D. - Calculating profits as a pre-condition for the application of financially cost accounting. p. 20.
- Volnova, N. V., Mikhaylova, N. S. - Scientific organization of workers' labor during the brief, pre-pair period of equipment servicing. p. 21.
- Shalimov, V. N., Okazov, P. B., Pleskani, I. M. - Economic effectiveness of irrigated tobacco growing. p. 25.
- Shofte, H. P., Filipov, A. M. - Crimea as the main base of the champagne-producing enterprises of the Ukraine. p. 27.
- Volynsk, M. D. - Technological equipping of the food mill of the continuous champagne-making machinery. p. 30.
- Musilko, M. K. - Development of industrial design in the production of enterprises of the Ukraine. p. 31.
- Chernik, I. R., and others. - Use of refrigerators in the refrigeration technology. p. 33.
- Fedakova, I. M., Zarnitskaya, I. P. - Vertical atmospheric heat exchanger. p. 36.
- Danilovskiy, V. P., Chernyshova, L. M., Koshovskiy, E. A. - Effect of the temperature of stiller's wort on the elimination of raffinose in the separation. p. 41.
- Azul, Z. I., and others. - Growing of chlorella on the waste of the Lvov Yeast Factory. p. 41.
- KimePnytskiy, I. E. O. - Quality of semisweet sausages manufactured by a smokeless method. p. 45.
- Volovitskiy, V. P., Sengileva, I. M. - Mireff, A. additives in the manufacture of sausages. p. 47.
- Strapov, A. A., and others. - Use of laboratory fish samples on the equipment for salt brining. p. 49.
- Kalashov, E. D. - Improving the systems for assembling of DN-50 hatching areas. p. 53.
- Kononov, I. S. - Machine for milling and drying of dough in ball-like form. p. 53.
- Tsukankov, I. I. - Pumping station for pumping of the sludge of washing waters. p. 54.
- Holman, M. I., Koshovskiy, M. E. - Mechanical line for the production of salt. p. 55.
- Holman, M. I., Koshovskiy, M. E. - Modification of water-cooling tower by built-in artificial refrigeration. p. 56.
- Ostrovskiy, S. V., Tsybirt, V. O. - Practice in the use of organosulfon compounds for curing of bread firms. p. 57.
- Honcharova, T. A., Rovinskaya, A. I. - Seminars on technical safety in the enterprises of the sugar industry of Ukraine. p. 58.
- Anniversary conference of the canning workers of Crimea. p. 60.
- Contest for the design of the simplest technological apparatus system for the production of bud yeast in combining the yield of saccharomyces in production plants with the growing of yeast on molasses stillage. p. 61.

Vol. 9, no. 2(38), Mar. - Apr. 1968.

- Table of contents translated:
- Holovitsky, I. E. M., Isayeva, L. A. - Mine machines for the food industry. p. 1.
- Bindman, M. I. - Adoption of general business accounting in sugar factories under new planning conditions. p. 5.
- Zamiatolev, S. Sh., Apilov, R. V., Firozov, Zh. V. - Container return as a source for the container supply economy in the dairy industry. p. 9.
- Honcharova, M. D., Trychuk, H. S., Vysockiy, V. A. - Technical-economic effectiveness of the automation of fermentation and rectification.

- Alcohol, Alcohol Committee, p. 12.
- Melezhik, M. M. - Determining the extent of production development under new planning conditions, p. 15.
- Mikhlin, M. B. - Setting of norms for the expenditure of wood materials for packaging of food products, p. 16.
- Vasilenko, I. F. - Increased use of assembly lines for candles and bars is a way to develop the effectiveness of production, p. 22.
- Korotkiy, P. A., Duf, V. V. - Composition of water used by alcohol distillers at the Ukrainian S. S. R., p. 25.
- Ivanek, A. A., Kartashov, A. K. - Testing of a continuous condenser adapter for the decolorization of sugar products and the regeneration of ion exchangers, p. 27.
- Zakharov, M. V., Melezhik, A. H., Chystiakova, I. P. - Experimental testing of the process of washing and simulating yeast in breweries, p. 30.
- Slyva, I. D., Tsygankov, P. S. - Effect of a thermal treatment on some additives of the alcohol rectifier, p. 33.
- Borashnikov, V. V. - Storage and transportation of refrigerated ice in isothermal containers, p. 37.
- Lachynska, O. M. - Increasing the production and improving the quality of Ukrainian table wines, p. 42.
- Voluyk, M. D. - Method for the stabilization of thermal fermentation conditions in a unit for continuous champagneization, p. 43.
- Rubynov, B. D., and others. - Choice of sites for yeast-growing units in alcohol distilleries, p. 45.
- New products, p. 47.
- Samukh, I. R. - Double-valve belt for gas valves, p. 49.
- Holman, M. U., Rubynov, N. U. - Device for increasing cutting on the chopping machine for salad making, p. 50.
- Miroshnyk, V. S. - Mechanized line for the manufacture of "Mozzarella Triadika" samples on the 2000-type "Rapid Universal" line, p. 51.
- Myruchenko, O. I. - Work safety in the basis of industry, p. 54.
- Dodonov, H. H. - Safety technology must reach the needed level, p. 55.
- Ivanchev, E. I. - Seminar of Confectionery Production of the Ukraine, p. 57.
- Pirker, L. A., Shapchik, R. S. - Use of animal blood in the production of sausage products, p. 58.
- Uda, H. S. - School of practical work, p. 60.
- Vol. 9, no. 3(30), May-June, 1968.
- Table of contents translated:
- Waser, V. H. - Economic reform, profitability and budgetary interrelations, p. 1.
- Halykov, V. I. - Methodology of branch planning by electronic computer technology, p. 3.
- Kharchenko, L. M., Cherniushin, H. O., Lepko, R. M. - Working out of technologically based norms of heat, power, and hydraulic resources for a matrix model of a technological, industrial and financial plan for a brewery, p. 6.
- Hiranyshchuk, M. A., Lytvynskyi, H. F. - Working out of an optimum scheme for the absorption of sugar-cane raw materials with the use of electronic computers, p. 10.
- Kolesov, A. I., Hovdia, S. I., Teplytska, L. N. - Effective operative calculation of material expenses, p. 13.
- Shalygina, O. M. - Factors influencing the production of small round cheeses of an improved consistency, p. 15.
- Volynynska, V. P., Serghieva, H. M. - Testing of diuretic phosphates for use in the manufacturing of sausages, p. 18.
- Tsyrenovych, O. S., and others. - Process of cold electric smoking and speeding-up of drying pickling of fish by the use of protease, p. 19.
- Nator, K. B. - Use of polycrylamide for industrial processing of wines, p. 23.
- Kishakovskiy, F. A. - Shortcomings of the starting period of beer rectifying stills and recommendations on their prevention, p. 25.
- Iukhnova, L. F. - Production of animal-shaped "Zaporozh'e" gingerbread cookies, p. 27.
- Vlasov, A. O. - Important branch, p. 28.
- Iolko, M. K. - The Dnepropetrovsk Meat Combine is a leading enterprise, p. 20.
- Sulyonok, P. T., Kovalchuk, Z. N. - Production of new varieties of canned goods in the enterprises of the "Ukrzoolkonserv", p. 33.
- Katynovych, S. D. - Haverage from honey manufacturing in Kiev, p. 36.
- Poroltska, N. M., Mykhalskyi, L. S. - Practice in growing mold fungi cultures by surface method in special culture units, p. 37.
- Krypachenko, D. - Work practice at the Vin'kovsky Butter Factory, p. 37.
- Khotimskyi, I. U. M. - Handy and effective, p. 41.
- Rud, V. T., Tsykno, I. U. F., Cherkas, L. S. - Cleaning installation for processing of heds by the fluming and fluming-rolling assembly method, p. 42.
- Holtsch, L. B., Tarun, A. U. - Utilization of wastes of the halya production, p. 43.
- Miroshnyk, V. S. - Supplementary starch cleaning from candies by the SGA-type machine, p. 44.
- Hruslov, M. P., Berdyuzhskiy, M. I. - Practice in pneumatic feeding of tobacco into cigarette-making machines, p. 45.
- Shostakov, I. I., Tarasenko, I. K. - State certification of the quality of production, p. 49.
- Kryzhan'skiy, I. S. - Promoting the increase of incomes and the improvement of the production quality, p. 52.
- Kravchenko, I. D. - Central laboratory for the scientific organization of labor, p. 54.
- Shostakov, I. I. - Seminar of workers of the food industry of the Ukraine, p. 54.
- Tymoshenko, G. L., Volynskyi, L. E. - Seminar-conference of workers of the bread baking industry, p. 55.
- Shapchik, V. M. - Public control of enterprises, p. 56.
- Nezhik, V. S., Koshchynska, S. G. - Conference of the scientists of the dairy industry of Ukraine, p. 58.
- Lutsk, H. K. - Method for a perfect operation of the equipment of confectioners, p. 58.
- KHLEBOPEKARNAYA I KONDETERSKAYA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosplanstaty i kontrol' po pishchevym promyshlennost' pri Grompne SSSR i Tsentral'noye nauchno-tekhnicheskoye obshchestvo pishchevol'noy promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U. S. S. R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 12, no. 5, May 1968.
- Table of contents translated:
- Rubina, K. G., Sidorov, P. F. - All higher the tower of socialist competition, p. 2.
- Lobov, A. I. - Development and concrete effectiveness of new installations, p. 4.
- Volynskyi, A. V., Mikhalev, A. A. - Experimental study of the operation of baking ovens with recycling of the gases under variable conditions, p. 7.
- Azharov, B. M., and others. - Calculating rheological characteristics of dough during the selection of kneading conditions, p. 10.
- Lutsk, H. S., Skvarkun, T. I. - Determining the activity of polyphenolase in wheat flour, p. 12.
- Savitsky, L. A., Aleksiev, V. A. - Pneumatic unit for the transportation of granulated sugar, p. 14.
- Volynovych, M. P., Nedborova, V. N. - Structural and mechanical properties of caramel paste and its effect on the distribution of the paste in candies, p. 16.
- Lutsyk, V. I., Gmelarenko, B. M., Karol, N. I. - Fastening contactless reversing units in automatic wrapping machines, p. 19.
- Zhabovskaya, N. A., Ageev, I. M., Petrova, L. F. - Comparative evaluation of methods of the quantitative determination of citric acid, p. 22.
- Nashchuk, L. A. - Concentration and specialization of production in the confectionery industry of the Ukrainian S. S. R., p. 24.
- Shcherba, N. R. - Improving the equipment and technology of production as well as its quality, p. 26.
- Savitsky, A. I. - Starting and adjusting of DN ovens, p. 29.
- Kabakov, V. F. - Device for cleaning filters made from latexes, p. 31.
- Belen'skiy, F. I. - Device for cutting covers for cans, p. 32.
- Ostrogorskiy, S. V. - Calculating the number of organosilicon-coated bread forms, p. 32.
- Parashchuk, K. - Improvement of small AVH-100 containers, p. 34.
- Kozlovets, V. P. - Change of the coefficient of the increase of biomass according to stages of mother-yeast growing, p. 35.
- Vinnik, K. I. - Workers of the Dubnuk City Food Combine, p. 37.
- Shklovskaya, A. E., Tselikh, V. Z., Guliayeva, M. V. - Machine for manufacturing of candies with hard fillings, p. 39.
- Serebriakov, M. N. - Thermal treatment of cocoa beans, p. 40.
- Third All-Union public checkup on science, technology and quality, p. 43.
- Mitrofanova, T. L., Nikitorova, V. N. - Seminar on the scientific organization of labor of the confectionery industry, p. 44.
- 40 years in the bread baking business, p. 45.
- Increase in economic knowledge by correspondence course, p. 48.
- LESNAYA, BUMAZHINAYA I DEREVOOBRABATYVAYUSHAYA PROMYSHLENNOST' [FOREST, PAPER, AND WOODWORKING INDUSTRY]. Issued by L'vovskiy lesotekhnicheskii institut [Lvov Institute of Wood Technology]. Kiev, no. 4, 1967.
- Table of contents translated:
- IANSON, A. I., and others. - Forestry and woodworking industries in the fifty years of Soviet power, p. 3.
- Baban, M. I. - Study of the work of an automatic line for the mechanical treatment of wood, p. 10.
- Gus, V. K. - Study of the durability of built-in furniture, p. 16.
- Kachan, V. F., and others. - Initiation luminescence by a photo sensor method with subsequent printing in a hot press, p. 21.
- Mikhalek, L. A. - Evaluation of the surface cleanliness of wood by a tester gauge method, p. 28.
- Prskopets, D. V. - Viscosity change in flow molding, p. 34.
- Plonkovskiy, A. B., Chernikov, E. A. - Study of the hardening process of polyester lacquer coatings, p. 38.
- Sitka, I. A. - Effect of hydrothermal treatment on swelling and shrinking of hardwoods, p. 42.
- Dolgov, K. A., Pisanenau, D. A. - Complex treatment of the leafy portions of cereals, p. 49.
- Khaitkina, M. R. - Glycerol formal esters, p. 52.
- Khaitkina, M. V., Khaitkina, M. B. - Isopropylidene glycerol esters with saturated monohydric carboxylic acids, p. 56.
- Bath, I. V. - Theory of the vibrational sorting of packets of timbers and logs, p. 60.
- Gladkov, N. A. - Some problems in the interaction of the cargo and cargo retaining parts of timber handling rail cars, p. 72.
- Glasov, H. G., Hufsky, N. I. - Statistical study of the vertical dynamics of a connected system, p. 75.
- Galko, L. N. - Estimation of several parameters of a sector separator, p. 87.
- Gastov, D. G., Bilek, H. I., Dilyk, H. V. - Calculation of the life of timber hauling truck springs based on given statistical characteristics of the metal microprofile, p. 93.
- Kaplan, V. G. - Effect of the shape of the wheel rim and on the life of the steel supporting rollers of suspended timber transporting assemblies, p. 100.
- Kaplan, V. H. - Effect of the materials from which the pulley wheels are made on the life of supporting rollers of suspended timber transporting assemblies, p. 105.
- Kolha, V. N. - Analysis of the operational cycle of automatic flashing equipment with longitudinal log feed to the saw, p. 110.
- Kolozov, M. I., Plutinskiy, V. L. - Experimental device for the study of timber delinking by a compressed air stream with hard particle filters, p. 117.
- Plaksha, M. V., Litvinchuk, N. N. - Parameters of timber hauling tractors, p. 120.
- Kishov, T. A. - Economic evaluation of principal yield cutting in the Carpathians, p. 125.
- Novich, H. U. - Basic trends in the development of the production of wood and paper packing material in the western provinces of the Ukraine, p. 133.
- Makarov, N. A. - Classification of, and some indices in the appearance of the most important reasons for the decrease of the productivity of labor in logging enterprises, p. 137.
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT KHLEBOPEKARNNOY PROMYSHLENNOSTI. Trudy TSENTRAL'NOY NAUCHNOY ISSLEDOVATELSKOY INSTITUT KHLEBOPEKARNNOY PROMYSHLENNOSTI. No. 9, 1965.
- Table of contents translated:
- Shcherbakova, V. V. - Basics of the method for controlling the quantitative indices of the technological process of producing bread, p. 4.
- Shcherbakova, V. V., Chizhova, K. N. - Study of technological processes for the production of ring-shaped cracknels, p. 22.
- Shcherbakova, V. V., Mikulinskaya, L. I. - Establishing and improving a method for the determination of moisture, acidity and porosity of bread, p. 39.
- Varkhun, F. P. - Technological flow-diagram of the mechanized production of dark brown rye malt, p. 47.
- Shkavkina, T. I., and others. - T-T and T-KH devices for measuring the temperature of semi-finished products and of the crumb of bread, p. 51.
- Anerman, L. A., and others. - Production control of the method of improving the bread-baking properties of gormulated rye grain by hydrothermal treatment, p. 53.
- Korovin, F. N., Dazarnova, V. M. - Evaluation of rye varieties used for bread baking, p. 58.
- Kul'man, A. G., Ivankova, N. A. - Determining the moisture of dry flour products by radiation heat, p. 70.
- Promt, S. I., Petrova, I. S. - Condition of amylase in dough during baking, p. 73.
- Plevko, E. A., Binkulinskaya, O. A. - Link and molasses and its processing during production of yeast, p. 80.
- Plovko, E. A., Semikharova, N. M. - Effect of the density of the medium on the speed of the multiplication of foreign yeast fungi during a prolonged process of baker's yeast growing, p. 85.
- Plovko, E. A., Asinkhova, I. P. - Fast method for the clarification of molasses adapted to the requirements of continuous baker's yeast growing, p. 93.
- Melezhik, I. A., Dubrovskaya, T. I. - Difficultly fermentable molasses and methods for its processing, p. 100.

- Mol'tsov, I. A., and others. - Determination of betaine in molasses for a precise proportioning of mineral nitrogen in growing of yeast. p. 111.
- Mol'tsov, I. A., and others. - Effective method for packaging of yeast for prolonged storage. p. 115.
- Mol'tsov, I. A. - Standard technological flow-diagram for the production of baker's yeast in yeast plants of varied power. p. 125.
- Krasnopol'skiy, M. I. - Heat exchange in the crumbled baked bread. p. 137.
- Belikov, N. V., Krasnopol'skiy, N. I., Foket', V. O. - Centralized heat supply in bread-baking plants. p. 139.
- Belikov, N. V., and others. - Testing the experimental unit for centralized heat supply at the bread-baking plant of the All-Union Scientific Research Institute of the Bread-Baking Industry. p. 141.
- Belikov, N. V. - Testing the bread-baking chamber with an air conditioner produced by the All-Union Scientific Laboratory. p. 152.
- Moldin, V. V. - Air-conditions of the Air-Conditioning Laboratory for the dough-fermentation chamber. p. 155.
- Kulaginichyev, M. I., Derzavskaya-Zelenitskaya, G. L. - Modification of volatile organic acids in bread. p. 185.
- Derzavskaya-Zelenitskaya, G. L. - Improving the method for the determination of volatile organic acids. p. 188.
- МУКОМОЛЬНО-ЭЛЕВАТОРНАЯ ПРОМЫШЛЕННОСТЬ** [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zalogovsk Sovetskikh Mirov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 34, no. 5, May 1968.
- Table of contents translated:
- Towards the First of May of the third year of the five-year plan period. p. 1.
- Boloz, Z. I. - New pledges of Tajikistan millers. p. 3.
- Ruslanov, B., Skachkov, P. - Kustanai Grain Products Combine. p. 4.
- Seulishchev, N. - At the Zolotnushka Grain Products Combine. p. 5.
- Sikh Congress of the Departmental Scientific and Technical Society. p. 6.
- Nadlov, D. - New trends in providing equipment for construction projects. p. 9.
- Tolstov, V. - Construction of elevator and storage capacities in the Lithuanian S.S.R. p. 10.
- Koshchik, I. - Ashrakhan brown rice is being processed in a local grain factory. p. 11.
- Nalgaiz, A. - New economic conditions and scientific organization of work at the Frunze Flour Combine. p. 12.
- Pashkin, A., and others. - Automatic air consumption control in pneumatic conveying systems in flour mills. p. 13.
- Dmitriyev, B., Kuchelova, A. - Effect of ultrasound on the physicochemical properties of wheat grains. p. 15.
- Belousov, V. - Production of mixed feeds and additives in Italy. p. 18.
- Abramov, A. - Parameters of the mixing process in mixed feed microdoses. p. 20.
- Fainberg, S. - Separation of large siftings in gradual reduction of wheat. p. 21.
- Bukovskiy, V., Veronovskiy, P. - Grain granulator. p. 22.
- Livshits, V. - Self-unloading grain freight car. p. 23.
- Brenn, P. - Indirect for determining the technical equipment of grain receiving enterprises. p. 24.
- Egorov, G., Petrenko, T. - Correlation of grain yielding properties and changes in grain density in hydrothermal processing. p. 25.
- Sorov, A. - The technical base at the Ershov Grain Receiving Station will be prepared ahead of time. p. 27.
- Chupin, A. - Economic studies at the Ust'-Kalmukil Grain Receiving Station. p. 27.
- Shelov, M., Koshchikov, T. - At the Rostov Economic Conference. p. 27.
- Barlyshev, G. - Use of artificial materials in the construction of flour mills, elevators and in the milling industry abroad. p. 28.
- ОБЩЕСТВЕННОЕ ПИТАНИЕ** [PUBLIC FOOD SERVICE]. Issued by Gosudarstvennyi komitet Sovetskikh Mirov SSSR po Torgovle [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 51, no. 8, Aug. 1968.
- РЕФЕРАТИВНЫЙ ЖУРНАЛ ЛЕГКОЙ ПРОМЫШЛЕННОСТИ** [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-7, May-July 1968. [This journal is also issued in parts.]
- RUSSIA (1923-U.S.S.R.) Ministerstvo Tsvetshogo i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavodov i tekhnicheskikh legkoi promyshlennosti** [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of Light Industry]. Moscow, no. 6(60), 1967.
- Table of contents translated:
- Petrashov, I. D., Kozlovskiy, S. I. - Economic effectiveness of adopting a new technology in the clothing industry of the Ukrainian S.S.R. p. 3.
- Sapozhnik, A. P. - Study of the fatigue of warp-knit fabrics on a rotary pulsator. p. 11.
- Zidra, N. N., Susharev, M. I. - Method for the study of the internal structure of textile fabrics. p. 17.
- Kobylatov, A. I., Kikkin, G. M. - Method for determining the integral parts of the stretch deformation of fabrics. Report No. 2, p. 19.
- Sinitsyn, D. F. - Kinetics of wear and tear of knit fabrics for underwear. p. 26.
- Stavitskiy, A. M. - Effect of the conditions of strengthening on elastic and elastic properties of fibers made from polyvinyl alcohol. p. 31.
- Kashchevich, S. I., Kolov, M. P., Sirokha, N. S. - Waterproof structures of leather. p. 39.
- Lipachev, O. V., Monastyrskaya, M. S., Mijskala, V. S. - Effect of the production method on the physicochemical properties of polyvinylchloride films. Report No. 1, p. 15.
- Ovchinnikov, N. G., and others. - Mechanism of the formation of spot blotting of the fibers of nonwoven fibrous films by cohesive mechanism. p. 46.
- Pavlovich, N. V., Skripchik, S. I. - Study of the characteristics of polymer fabric coating in the process of the formation of fibrous structures. Report No. 1, p. 52.
- Polukhov, K. A., and others. - Studying the process of gas formation by liquid-gas chromatography in the production of porous latex films. p. 53.
- Bloch, G. A., and others. - Experiment in producing leatherlike rubbers by the use of a fibrous filler. p. 65.
- Rozdakov, I. A., Markovskiy-Zemlinskii, I. A., Koshchik, D. A. - Radiometric study of the interaction of gelatin with tanning agents. p. 70.
- Klyuch, A. G., Lysyi, G. V., Zolotarevskiy, A. D. - Effect of accidental TLF cover of a dynamic and static nature on the kinetics of the drying process of chrome leather. p. 75.
- Gacov, G. V., Radtsig, D. P. - Study of the effect of mineral and organic acids on the transformation of collagen into gelatin. p. 85.
- Fekina, K. S. - Study of the complexes of chromium sulfate by ion exchangers. p. 93.
- Gerasim, L. P., Vishniak, I. T., Zylina, H. P. - Study of the permissible compression of the foot in shoes. p. 101.
- Belazub, V. V., Kaprlov, M. P. - Drying and antistatic adhesive patch films by infrared rays. Report No. 3, p. 109.
- Zylina, A. R. - Study of the mechanical properties of shoe uppers under anisotropic biaxial stretch. Report No. 2, p. 115.
- Roslov, S. I. - Trend in the development and improvement of sewing machines. Report No. 3, p. 125.
- Kleva, G. S., and others. - Adoption of contactless methods for obtaining cross sections of clothing forms used for female ligatures and clothing. Report No. 1, p. 131.
- Piya, B. T., Serdyuk, V. P. - Experimental study of the operational capacity of the drive of the "Mat-Ship" circular knitting machine. p. 136.
- Kivlis, S. S., Kapustin, L. I. - Method for the analytical description of spatially complex surfaces of the products of light industry. p. 141.
- Grisbilo, L. I., Grishilo, V. F., Fedorov, V. F. - Study of the gluing properties of a synthetic glue made from polyacrylamide and recommendations for its use. p. 153.
- ТЕКСТИЛЬНАЯ ПРОМЫШЛЕННОСТЬ** [TEXTILE INDUSTRY]. Organ of Ministerstvo legkoi promyshlennosti SSSR and Tekhnicheskoye pravleniye Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [Ministry of Light Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 27, no. 12, Dec. 1967.
- Table of contents translated:
- Tarasov, N. M. - International socialist distribution of labor in the textile industry. p. 3.
- Further development of economic and scientific-technological cooperation between the member countries of the Mutual Economic Assistance Council in the field of textile manufacture. p. 8.
- Dontsov, V. L. - Productivity of labor in the textile industry of the member countries of the Mutual Economic Assistance Council. p. 8.
- Kundzel, J. - Textile industry in the national economy of Czechoslovakia. p. 11.
- Dzian, B. G. - Textile machine building in Poland. p. 15.
- Daniels, J. - Work of the Institute of the Culture of Everyday Life and Clothing. p. 17.
- Kolova, A. A. - Assortment of textile and knit goods manufactured in the German Democratic Republic. p. 19.
- Kapkov, A. A. - Knit goods industry of the German Democratic Republic. p. 22.
- Kapkov, A. A. - Textile industry of the member countries of the Mutual Economic Assistance Council. p. 22.
- Schuler, W. - Corlatus manufacture (Germany). p. 23.
- Mengel, L. - New shaped "Erlida" viscose fibers. p. 24.
- Stepanov, I. P. - Experience in building a highly efficient small cotton spinning machine. p. 24.
- Indyka, E., Ruzmalinowska, K., Kusa, A. - Study of some technological parameters of mat, looper, high-tack looped yarn. p. 31.
- Manushkin, A. S. - Experience in the use of 1505 looms in Bulgaria. p. 34.
- Najdov, N. - Experience in the manufacture of knits in the German Democratic Republic. p. 35.
- Lakel, H. A. - New developments in the manufacture of "Mat" type machinery and in the technology of manufacturing nonwoven textile materials in the German Democratic Republic. p. 36.
- Geddes, E. L. - Blended man-made materials. p. 37.
- Mengel, L. - Improved machines of the "Mat" type series. p. 40.
- Tomas, J. - "Blau" preserves the strength of fabric dyed with sulfur dyes. p. 40.
- Doliz, Z., Dymarskiy, D. - Even dyeing of knits of anisotropic fibers under high temperature. p. 42.
- МЕХАНИЧЕСКОЕ ИНЖЕНЕРИРОВАНИЕ**
- АКАДЕМИЯ НАУК СССР. Извещения Академии наук СССР** [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Power Engineering and Transportation]. Moscow, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Vodkov, V. A., Bokkany, I. S., Fedosov, V. A. - Prospects for studying some engineering devices on the basis of steady-state models of power systems using electrodynamic models. p. 3.
- Belitskiy, V. I. - Effect of errors of built-in data on the result of the calculation of steady-state conditions of power systems. p. 11.
- Adonin, G. T. - Calculation of the parameters of a multiterminal network using given values of a set of equations of a complex network. p. 16.
- Derzhimov, I. L. - Use of an electronic structural model in studying the possibility of the utilization of multiterminal oscillations in compensated electrical networks. p. 21.
- Gromova, S. A., Antovskiy, I. I. - Magnitude of the channel with a variable cross section in the theory of a steel magnetic circuit. p. 26.
- Dele, M. I., Shapovalov, V. F., Shteyn, L. A. - Calculation of the speed of the formation of a solution centers in supercooled steam. p. 31.
- Furman, M. I., Spudis, I. A. - Special features of the design of automobile gas turbine engines. p. 34.
- Kozlov, M. G. - Approximation method based on the G. Galerkin's method for calculating non-linear problems in the theory of heat conduction taking into account the temperature dependence of the physical properties. p. 36.
- Novozhenov, D. I., Pavlov, A. A. - Mixing of pulsed gas jets. p. 52.
- Kozlov, V. I., Tsklauri, I. V. - The non-linear effect of a multiterminal liquid accelerating device. p. 55.
- Kozlov, S. P. - Wet action of water vapor on the surface. p. 61.
- Solov, M. A. - Solution of a generalized problem on radiation transfer in an anisotropic and anisotropically dispersing medium. p. 71.
- Fomchev, M. S. - Amount of motion of a fluid into account fluctuations in the speed of a turbulent semipermeable. p. 117.
- Horozov, D. S., Koshchikov, I. P. - Analytical calculation of refrigerating machines with a separate refrigerant cooling agent in the radiator. p. 103.
- Kraus, T. - Method for calculating transfer functions of automatic control systems according to their frequency characteristics using an electronic computer. p. 113.
- Manuilov, V. G. - Method for calculating the effect of heat surfaces using an electronic digital computer. p. 117.
- Zelenokhal, N. I. - Study of the effectiveness of longitudinal electric braking as a means for increasing the dynamic stability of compensated hydroelectric generators. p. 121.
- Apakhina, L. G. - Simulation of breakdown voltage of a corona electrode. p. 127.
- Alekseev, S. V. - Analytical calculation of nonreciprocal three-phase circuits with arcs. p. 131.
- Kozlov, V. E., Baskakov, A. P. - Study of heat exchange between a sunken surface and a granular layer of solidified liquid loaded gas distributors. p. 135.
- Handing, A. A. - Method for determining the coefficient of heat emission in regenerator capacity. p. 143.

- Travkin, I. U., Travkina, T. N., Iakovlev, A. I. - Distribution of temperature in a cylinder in presence of heat sources and initial boundary conditions, p. 146.
- Streev, V. A. - Symposium on analysis and synthesis of electrical networks, p. 149.
- Dmitriy Aleksandrovich Zavaditsin, obituary, p. 157.
- AUTOMATIZATSIYA PROIZVODSTVENNYKH PROTSESOV V MASINOSTROENII I PRIKOROSTROENII [AUTOMATION OF INDUSTRIAL PROCESSES IN MACHINERY AND INSTRUMENT MANUFACTURE]** Lvov, no. 5, 1967.
- Table of contents translated:
- Mikhalevich, I. A., Kapeslin, I. I. - Qualitative evaluation of the reliability of technological equipment, p. 3.
- Bukhro, K. S., Tikhonov, G. A., Frolovich, E. N. - Examples for calculating technically substantiated standards of operating automatic rotary transfer lines and rotary chain transfer lines, p. 12.
- Golperly, G. D. - On the theory of productivity of automatic machines of multiple production, p. 19.
- Ogretsa, V. A. - On calculating elastic calibration draw plate for automated production of bushings and bushing roller chains, p. 24.
- Kramitskiy, I. I., Mirnaya, I. S., Morozov, V. V. - Automatic optimization of the operating mode of a lathe turret lathe, p. 30.
- Zhukov, I. E., Ilyin, B. L. - Stream distribution mechanism of a forging hammer with continuous remote control, p. 34.
- Izelskiy, N. A. - Optimum sequence in switching electromechanical clutches in automatic gear boxes, p. 39.
- Khlev, I. A., Situkans, A. R., Frolovich, E. N. - Some results of investigations of the operating reliability of rotary transfer lines, p. 46.
- Kuliyk, B. M. - Absolute source of dynamic errors of a contact-type pickup in automatic size control, p. 54.
- Schabakov, V. A. - Application of programmed control for automatic regulation, p. 61.
- Schabakov, V. A. - On the question of minimum number of stages of automatic regulation in installations with programmed control, p. 68.
- Isaev, I. M., Imenitskiy, V. P. - Automatic charging of roller bearings, p. 76.
- Antukov, V. P., Vukobrev, V. I., Shupitskiy, E. V. - Investigating the charge battery with a remote electromagnet, p. 81.
- Kapitsa, B. V., Ushin, V. V. - Effect of pressure in the unbalanced accuracy of the pneumatic tracking nozzle, p. 87.
- Zatonskiy, R. R. - Investigation of pneumatic control systems controlling initial arrangement of surfaces in threaded parts, p. 93.
- Militskiy, I. R. - Controlling ways in radiotelephone circuits of automatic size control, p. 99.
- Kapitsa, B. V. - Graphoanalytical method of determining generalized static characteristics of pneumatic tracking nozzles, p. 106.
- Militskiy, I. R. - Signal modulation methods in communication circuits of radiotelephone dimension control, p. 111.
- Rafilovich, A. N., and others. - Methods of controlling the assembly, signaling and handling in MAM-2 multistage continuous action machines, p. 117.
- Schabakov, V. A. - On the question of part orientation in automatic assembly of items, p. 124.
- Zatonskiy, R. R., Iemilov, I. A., Iuzhinskiy, V. I. - Automatic assembly of bolts with elastic rings, p. 137.
- AUTOMOBIL'NAYA PROMYSLLENNOST' [AUTOMOBILE INDUSTRY]** J. Organ of Gosudarstvennyy kontrol avtomobilstroeniya i nakhodivshisya v avtomobil'noy promyshlennosti pri Gosplane SSSR [State Committee for the Transport and Agricultural Machinery Industry, Attached to the State Planning Committee of the U. S. S. R.], Moscow, vol. 27, no. 7, July 1967.
- Table of contents translated:
- The ways of reducing the weight of motor vehicles and raw materials used in their manufacture, p. 1.
- Vzotov, B. A. - Effect of turbochargers on the thermal stress of the piston and exhaust valve, p. 3.
- Kluchev, B. I. - Skidding of driving wheels of motor vehicles on soft-surface highways, p. 8.
- Shurygin, A. P. - From the experience of using cast-iron crankshafts, p. 8.
- Selmevich, M. G. - Selecting coupling rollers for trucks, p. 10.
- Lukin, V. P. - Calculating hydraulic drive in coupling, p. 12.
- Deinamov, A. D. - Investigating characteristics of calibrated apertures in shock absorbers, p. 15.
- Nakhmanov, N. N. - Increasing the reliability of hydraulic-pneumatic and hydraulic springs, p. 19.
- Khlebnikov, I. U., Karozin, O. I. - Method of determining the tangential rigidity of tires, p. 21.
- Padilov, V. T., Beliz, M. G., Glezner, L. A. - New pressure control valve in a centralized system regulating air pressure in motor vehicle tires, p. 22.
- Galka, I. M. - Calculation and analysis of the charging resource in the automotive electrical equipment system, p. 24.
- Zibenberg, A. E., Polakov, A. S. - Overall automation of the cylinder block shake-out section, p. 30.
- Gorvich, I. B. - Work-in and wear-resistant coatings of engine parts at the Gorky Motor Vehicle Plant, p. 31.
- Mansarov, A. M. - Project of a new forging shop, p. 32.
- Ermolov, E. N., Chesnokov, V. K., Volk, I. P. - Knock-out deceleration in forgings and dies in punching on crank die-forging presses, p. 36.
- Sukleskiy, V. V. - Developing powder metallurgy technology in the motor vehicle industry, p. 38.
- Shapovalov, A. G., Maslakov, N. A. - Painting with heated enamel in an electric field, p. 39.
- Voznyy, B. A. - Increasing wear resistance of engine cylinders, p. 40.
- Lysak, M. I. - Steering mechanisms of contemporary foreign passenger cars, p. 41.
- Antukov, K. M., Khlebnikov, T. A. - Experience of applying plastic materials at the Lada AvtoVAZ Plant, p. 44.
- Vol. 34, no. 2, Feb. 1968.
- Table of contents translated:
- Pokrovskiy, G. P., Komissarov, V. V. - Predicting the reliability of loading systems of motor vehicle engines, p. 1.
- Almogov, M. P., and others. - Joint operation of the hydro-mechanical transmission of a truck tractor and of the electrical transmission of the trailer truck in a tractor train, p. 5.
- Kutsh, M. M., Khlebnikov, L. S., Titov, A. A. - Studying fatigue strength of a frame at an unsteady loading of a stationary motor vehicle by independent actuators, p. 8.
- Mashchenko, A. F. - Methodology for designing shock absorbers, p. 13.
- Gedman, B. B., and others. - Operating conditions, loading, and durability of links in automobiles in mountainous regions, p. 16.
- Dmitriyenko, S. S., and others. - Experience in improving the durability of the OGAZ-885 semi-trailer suspension system, p. 20.
- Alekseyev, V. I., and others. - Experimental investigation of the ventilation of the G-250 a. c. generator used in motor vehicles, p. 22.
- Tselin, G. D., Kordemnyy, I. V., Pankov, N. A. - Selecting parameters of wheel control systems for long-tube trailers and semi-trailers, p. 24.
- Silina, A. S., Khlebnikov, A. M. - Improving the taking in of propeller shafts, p. 27.
- Bellayev, A. I., Khlebnikov, V. A. - Projection welding in the automobile industry, p. 28.
- Gloshchik, V. N., Derzhavskiy, E. R., Pankov, N. A. - Economic efficiency of operating steam drop hammers and hot drop forging crank presses, p. 31.
- Tanov, A. A. - Improving fatigue strength of 18KhNVA steel parts, p. 34.
- Izrael, O. B. - Unit for rolling out a three-axle motor vehicle from the conveyor, p. 35.
- Smet, G. I. - 1967 American motor vehicles, p. 38.
- Polubinskiy, I. M. - Cold extrusion of steel parts abroad, p. 41.
- AUTOMOBIL'NYY TRANSPORT [AUTOMOTIVE TRANSPORTATION]** J. Organ of Ministerstvo avtomobil'nogo transporta i shosseynykh dorog RSFSR i Tsentral'nyy kontrol Predsovetu avtomobil'noy, avtomobil'noy i avtomobil'noy transporta i shosseynykh dorog [Ministry of Automotive Transport and Highways of the R. S. F. S. R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers], Moscow, vol. 45, no. 10, Oct. 1967.
- Table of contents translated:
- Verkovskiy, I. - Motor vehicle transportation in the era of the October Revolution, p. 1.
- Soplatov, S. - R. S. S. R. p. 4.
- Vasiliev, R. - Success in operations depends upon the personnel, p. 9.
- Oratelskiy, I. - Georgian S. S. R. p. 12.
- Ostrovskiy, N. - Developing scientific research in motor vehicle transportation, p. 15.
- Amirev, A. - White Russian S. S. R. p. 16.
- Konov, A. - Motor vehicle transportation of Lenin-grad on the rise, p. 21.
- Rafilov, V. - Uzbek S. S. R. p. 24.
- Fomchev, N. - Kazakh S. S. R. p. 26.
- Volkov, D. - Motor vehicle construction in the U. S. S. R. for the past 50 years, p. 28.
- Davlatbekov, T. - Georgian S. S. R. p. 32.
- Iliev, M. - Azerbaijan S. S. R. p. 34.
- Kashimov, V. - Trade unions are the organizers of socialist competition, p. 36.
- Papayannis, V. - Lithuanian S. S. R. p. 40.
- Gaponov, N. - Moldavian S. S. R. p. 42.
- Alaev, L. - Automobile sport for the past 50 years, p. 44.
- Bordak, A. - Latvian S. S. R. p. 48.
- Kulbaev, Kh. - Kirgiz S. S. R. p. 48.
- Balanov, V. - Stages in the improvement of motor vehicle transportation, p. 50.
- Isaev, A. - Tajik S. S. R. p. 52.
- Aratunian, G. - Armenian S. S. R. p. 54.
- Avezlychev, A. - Turkmen S. S. R. p. 56.
- Situk, I. - Estonian S. S. R. p. 58.
- Engel, V. - Motor vehicle drivers during the harsh days of October, p. 60.
- Frumin, I. - Cost accounting should be introduced in all units of motor vehicle transportation on a wider basis, p. 62.
- DETALI MASIN I POD'EMNO-TRANSPORTNYYE MASHINY [MACHINE PARTS AND HOISTING AND CONVEYING MACHINERY]** Issued by Ministerstvo vostochno i srednego spetsial'nogo obrazovaniya SSSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S. S. R.], Kiev, no. 4, 1969.
- Table of contents translated:
- Krainov, V. S. - Determining maximum stress points on transient curvatures of teeth, p. 5.
- Grigorov, A. M., Silva, G. M. - Some questions in the theory and design of geared chain speed variators, p. 12.
- Dmitriyenko, A. P., and others. - Experimental investigation of dynamics of the driving reduction gear of a locomotive, p. 21.
- Zatonskiy, R. R., Palamarov, A. Z. - Safety friction clutches with a low sensitivity to the friction coefficient, p. 24.
- Zatonskiy, R. R. - Determining the rated load in reversed gears, p. 42.
- Zatonskiy, R. R. - Effect of the driving gear position with regard to bearings on the load concentration, p. 50.
- Khrushch, T. N. - Loading capacity of plastic geared wheels with a helical profile, p. 58.
- Kozlov, D. I. - Bending calculation of teeth in a wheel with an inside rim, p. 68.
- Isaev, O. I., Imenitskiy, M. P. - Calculating single-stage hydrostatic sliding bearings with various types of clearance, p. 77.
- Danilov, V. G., Tsvetkov, N. I. - Tables for calculating the hydrostatic pitch, p. 86.
- Gritchenko, V. M. - Determining the durability of parts by calculating the speed in expansion of fatigue cracks, p. 94.
- Kovalev, B. S., Dolinskiy, B. M. - Capacity of tube plates of shell and tube heat exchangers, p. 100.
- Isaev, V. I. - Parameters of the measuring diagram and instrument for registering static deformations with the aid of resistance transducers, p. 104.
- Oleinik, N. V. - Significance of loading condition in determining the ideal dimensions of cross section, p. 109.
- Oleinik, N. V. - Effectiveness of metal stressing taking into consideration the probability of non-destruction, p. 110.
- Tikhonov, B. D. - Method of plotting fatigue characteristics of steel cables, p. 132.
- Zhmuravskiy, D. I. - On the length of rib sections of propeller cranes, p. 140.
- Kukhtin, A. A. - Optimum parameters of load lifting mechanisms, p. 145.
- Lobachev, M. A. - Dynamic loads in lift cables, p. 156.
- Mishuk, O. A. - Distribution of contact stresses in a clamp coupling, p. 165.
- Mishuk, O. A. - Determining resultant R_p contact stresses in a clamp coupling and philling of a stress-strain curve, p. 172.
- Talantov, A. S. - Investigating initial stresses in bearing elements of a loading crane with the help of a photoelectric transducer, p. 183.
- DVIGATELI VNUTRENNEGO SGOPLANIYA [INTERNAL-COMBUSTION ENGINES]** Kharkov, no. 8, 1967.
- Table of contents translated:
- Shul'man, A. E. - Notes on the history of the development of the department of internal combustion engines of the Kharkov V. I. Lenin Polytechnical Institute, p. 3.
- Nyuen Van Bin, Kazachkov, R. V. - Effect of air moisture and temperature of ambient air on the operation of a diesel with an internal supercharge, p. 8.
- D'yachenko, V. G., Sandomirskiy, M. G., Bykov, V. L. - Investigating the effect of two-phase fuel level on the basic indices of a tractor engine, p. 13.
- Maler, I. A., Kopylov, M. L., Pelkov, I. U. D. - Investigating the effect of fuel mixing conditions on the dynamics of the combustion process in diesel engines, p. 17.
- Sereck, I. V. - Peculiarities in operations of diesel locomotive engines on the run, p. 24.
- Ephraim, A. S. - Specifying the values of efficiency indicators to calculate transient processes of turbine piston engines, p. 30.
- Ephraim, A. S., Revva, I. D. - Calculating the load drop of a diesel generator with a driving solid supercharger, p. 35.
- Egorov, I. A., Dmitriyev, V. P. - Selection of share of the last stroke of a two-cycle engine with a combined supercharger, p. 40.

- Dikro, V. A. - Stress in moving the fuel pump rod of a tractor diesel engine. p. 45.
- Grunauer, A. A., Kiselev, M. P. - Identifying of recording processes in experimental investigation of multicylinder engines. p. 52.
- Grunauer, A. A., Gritashko, B. M. - Equations of the motion of the regulating system of a tractor diesel engine during the acceleration period. p. 58.
- Dolgarov, K. E., Shukshin, N. P. - Studying the hydraulic regulator of engine rpm. p. 63.
- Firin, M. A. - Correlation between air consumption and indices of 10D100 diesel engine and second-stage driving supercharger. p. 70.
- Leykovich, S. L. - Calculating parameters of supercharge air and exhaust gases of a diesel engine with a turbine supercharger operating on unregulated modes. p. 83.
- Zolotarev, N. L. - Experimental finishing of optimum vanes in the centrifugal stage of a compressor. p. 92.
- Tselinskii, A. S. - Determining the optimum advance of exhaust in rotary piston engines. p. 99.
- Zemay, V. A., Ozerkov, A. G. - Selecting type of mixing in the mixing chamber of a two-phase gas generator. p. 106.

ENEI GOMASHINOSTRONENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosstatiznami kemitel (Lazhbelgo oropolicheskogo i transportnogo mashinostroeniya) pri Gosplane SSSR and Nauchno-tekhnicheskoy obshchestvennoy mashinostroitel'noy promyshlennosti [State Committee for the Manufacture of Heavy, Power, and Transportation Machinery, Attached to the State Planning Committee of the U. S. S. R. and the Scientific Technological Society of the Machinery Industry]. Leningrad, vol. 6, no. 6, June 1962.

- Table of contents translated
- Balshina, O. M., Balshina, T. S. M. - Study of the casting of components with internal ribs. p. 1
- Shcherbov-Shelun, L. A., Ostrovskii, S. I. - The SKK-100 turbine with cooling for operation on steam with supercritical parameters. p. 4.
- Mindlin, D. L. - Experimental determination of the axial stress of a turbojet engine. p. 11.
- Trone, V. A. - Improvement of a method for calculating transient processes in the operation of hydraulic turbines. p. 11.
- Malyshov, V. M. - Testing of a runway protection system using a horizontal rail of the Kama Hydroelectric Power Station. p. 19.
- Korotkiy, N. I. - Scientific and technical conference on steam and gas turbine power generating systems. p. 21.
- Tsakhurava, R. V., Dalnikov, V. P., Kostelov, N. I. - Technical and economic indices of the manufacture of steam turbines. p. 22.
- Il'inskiy, P. P. - Additives to fuels as an effective means for increasing the efficiency of power systems. p. 26.
- Tsytsikhin, V. G. - All-Union coordination conference on problems of air cooling of gas turbines. p. 28.
- Mezherinskii, A. D. - Ventilation losses in a turbine stage. p. 28.
- Sukhinovskiy, A. A., Bashmakov, A. S. - The TCM-153 gas-turbine-fired boiler with a gas evaporator. p. 32.
- Gilts, V. I. U. - Danfil Borisovich Tanatar, obituary. p. 35.
- Kupchinskii, V. M. - New pneumatic device for calculating low-pressure transients directly on the motor. p. 36.
- Gul'perin, M. I. - Testing of new types of capacitive cut-off valves in the Volga Hydroelectric Power Station (22d Congress of the CPSU). p. 38.
- Revelin, B. S. - Engineering design of a 10,000 kw. gas turbine system. p. 40.
- Meeting of several branches of industry in the manufacture of power generating machinery. p. 41.
- Gel'man, A. L., Poliak, A. B. - Selection of the parameters of steam in the electric power plants of advanced capitalist nations. p. 42.
- Bukharin, D. M. - Construction of large modern steam turbines in the United States, Great Britain, and France. p. 45.
- Thermophysical characteristics of water vapor. p. 47.

Vol. 14, no. 4, Apr. 1960.

- Table of contents translated:
- Mitor, V. V., and others. - Operation of combustion chambers equipped with scroll-bladed impellers and having a cylindrical and conical mesh. p. 1.
- Krivchenko, G. I., Nudelman, G. I. - Effect of the time constant of servomotors on the stability of control systems for hydraulic turbines. p. 4.
- Zemkelev, I. U. V., Sergeev, V. F., Piskarov, A. A. - Causes for blade damages in the regulating stage of the K-200-130 turbines. p. 6.
- Rushkov, R. V. - Complex calculation of diesel-engine fuel systems. p. 9.
- Gencharov, A. I., Ivanov, A. G. - Investigating the air passage of the PK-39 boiler. p. 12.

- Koravskii, K. E., Gettskin, S. L., Volynskii, M. M. - Analysis of the leveling device of a thrust bearing on rocking supports. p. 14.
- Mikhalev, P. M., Saharov, E. N. - Specifying the aerodynamic analysis of rocket-vortex combustion chambers. p. 18.
- Khelebov, I. U. V. - Experimental investigation of multistage axial compressor regulated by the turn of stator blades at idleness. p. 19.
- Shvarts, V. A., Kobuleva, E. A., Bushler, I. Sh. - Heat transfer and pressure loss in heat exchangers with disk-ring type baffles. p. 23.
- Sirovitsin, P. I., Gortchev, I. G. - Increasing the reliability of the arrangement with water-jet recirculation ejectors in the passage of the TFP-210 single-pass boiler for a 810 night block. p. 26.
- Gerasov, D. I., Starostin, A. A. - Glass-reinforced plastics used in vacuum-deformation of tool-and-die casting systems. p. 27.
- Marcos, D. I. - Automatic regulation of the gap between electrodes in electrochemical methanizing. p. 29.
- Chaburava, A. V., Popov, A. F. - Unified bank of block cast-iron economizers. p. 31.
- Antonov, B. B. - Hydrodynamic determination of the fuel supply law in diesel engines. p. 36.
- Danilushkevich, I. A. - Selecting rated temperature of the wall of steam-superheating pipes. p. 37.
- Barkov, H. K. - Compressed air admission in the motor-wheel area under smoothly operating conditions of a Francis turbine. p. 39.
- Kurganov, A. M. - Calculating isothermal flow along an unslanted pipe bundle. p. 41.
- Zaitsev, V. M. - Calculating the rain of a rain-air pipe for large-diameter cables conduit. p. 42.
- Drozhzhin, R. I., Shirovskii-Velkay, I. S. - Controlling the overheating of high-power units. p. 43.
- Sukhov, G. G., Rodichin, M. D. - Characteristics of the TS-1 and TS-2 KTZ jet steam condensers. p. 44.
- Lashin, A. S., Stokanov, F. A. - Effect of axial clearance and angle of attack on varying aerodynamic forces acting on moving blades. p. 46.
- Efimov, V. K., Bardukov, V. T. - Turbo-compressors for diesel engine supercharging. p. 47.

MOSCOW MOSKOVSKIY INSTITUT INZHENEROV ZHELEZNODOZHICHNOGO TRANSPORTA Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 163, 1960.

- Overall mechanization of freight handling and handling operations.
- Table of contents translated:
- Gromov, G. P. - Basic trends in accomplishing overall mechanization and automation of freight handling operations in railroad transportation. p. 5.
- Gryaznev, G. I., and others. - Unloading of industrial fertilizers transported by railroad cars in Jozsa bulk. p. 21.
- Pavlov, A. I., Smirnov, N. F. - Technical and economic evaluation of implements of mechanization used in unloading mineral fertilizers. p. 31.
- Kalishchik, A. T. - Investigation of problems of overall mechanization and automation of operations dealing with loading and freight in individual coalsheds. p. 52.
- Rudel', A. E. - Classification and problems of studying packaging machines. p. 60.
- Smirnov, N. F. - Evaluating the strength of strapping materials ensuring the safety of packages in shipment. p. 74.
- Gromov, G. P. - Problems of practical design of prefabricated supporting structures for warehouses in connection with the use of electric loaders, stackers, and other similar machines. p. 80.
- Kucenok, E. A., Ralov, E. A. - Bench testing of loaders. p. 93.
- Rudel', A. E. - Selection of parameters of a large boxcar in view of their effect on the accelerated loading and unloading. p. 104.
- Shost'kin, B. F. - Investigating the use of car dumpers at U. S. S. R. metallurgical plants. p. 116.
- Nemkova, V. E. - Technical and economic effectiveness of automation in track management. p. 120.
- Stukov, S. A. - Selection of the type of operating mechanism for a snow removal machine. p. 144.

No. 268, 1966. Problems of planning and operating railroad buildings.

- Table of contents translated:
- Chaitov, B. N. - Mathematical interpretation of interdependence of parameters of buildings and warehouses. p. 5.
- Shatnev, B. N. - Effectiveness of using an operational building under certain factors in technological processes and geometrical parameters of the building. p. 60.
- Vasil'ev, E. V. - Suggestions for new types of small capacity railroad stations. p. 10.
- Sarycheva, N. P., Cherkashin, I. S., Gerol'skaya, L. S. - Polymer cement concrete as a floor covering material in railroad buildings; an experimental investigation. p. 122.

- Godin, A. M. - Organic glass as a building material for translucent sections of buildings. p. 14.
- Godin, A. M. - Graphic method of choosing lighting for buildings through ceiling light. Gerasimov, K. M. - Industrially prefabricated and cooling for major repairs of railroad and their standardization. p. 171.

No. 241, 1967. Study of freight handling machine mechanisms and machine parts designing.

- Table of contents translated:
- Kuklin, V. G. - Overall mechanization of freight transportation operations. p. 4.
- Khizin, V. I. - Modernization of grapples and universal containers. p. 12.
- Khizin, V. G. - Automatic grapples devices. Dubrovskii, A. P. - Loading coefficient in L. p. 29.
- Dubrovskii, A. P., Dubrovskii, V. A. - Use of axle of turn of a rigid plate when subjecting loading by momentum in an elastic medium. p. 36.
- Dubrovskii, A. P. - Design of bolted joints for force and momentum. p. 41.
- Poludonov, L. G. - Concerning tolerances and masses in millium fits. p. 51.
- Prokhorov, I. G. - Selecting lightness in the friction bearings on shafts. p. 55.
- Ufashin, A. A. - Calculating the strength of the making allowances for errors in turbine. p. 60.
- Ufashin, A. A., Sokolov, A. V. - Improving hydraulic press method of assembling components in hydraulic transmissions. p. 72.
- Ivashkin, B. P., Efremov, S. G. - Actual use of electrically operated compound pulley-gantry cranes of container loading platform. p. 74.
- Rudel', A. E. - Some methods of designing packaging machines. p. 86.
- Asapkin, M. M., Il'in, A. I., Skopskii, V. P. - Effect of some structural parameters of pneumatic engine fuel systems. p. 100.
- Il'in, A. I. - Calculating deformations of plastic sleeves of diesel engines. p. 106.
- Dubrovskii, A. P., Dubrovskii, V. A. - Effect of engineering conditions of the engine on p. 110.
- Filatov, V. I., Kavalov, V. V. - Surface hardening of parts made of aluminum alloys. p. 111.

No. 246, 1967. Design and operation of railroad stations using mathematical methods and digital computers.

- Table of contents translated:
- Kazantsev, V. P. - Some results of calculating the selection of optimal power of switching devices for work on switching trains. Schematov, V. A. - Overall selection of length of receiving and dispatching tracks the efficient sequence of increasing the width of projected railroads. p. 27.
- Khevatik, A. I. - Summing up operation experiences of track construction using electrical computers. p. 50.
- Platonov, G. A. - Method of studying certain of automating dispatcher train traffic control. p. 74.
- Chopov, M. P. - Fundamentals in progress, established railroad car flow when working plans for making up trains, using electrical computers and applying the theory of methods and mathematical calculations. p. 80.
- Shukh, V. G. - Algorithmic calculation of making up local passenger trains. p. 82.
- Sedykh, A. G. - Modeling the operations of a station using electronic digital computers. p. 84.

No. 256, 1968. Study of automatic and telecontrol systems in railroad transportation.

- Table of contents translated:
- Brylev, A. M., Dmitrenko, I. E., Skopskii, V. P. - System of program control of train traffic. Ustinov, A. A., Il'in, V. A. - Existing conditions and ways of development of means of control with movable units for automating train control. p. 20.
- Zhurkov, V. I. - Special features in the use of conductor elements in railroad automation. p. 26.
- Brylev, A. M. - Summing up control operations regulating rail circuits. p. 35.
- Volkov, A. A. - Method of designing a multi-transmitter according to a given overall. Zhukov, V. I., Maslakov, O. A. - Voltage in rail circuits power supply. p. 41.
- Brylev, A. M., Dmitrenko, I. E. - Coordination for regulating train traffic intervals. Brylev, A. M., Dmitrenko, I. E., Skopskii, V. P. - Frequency-type automatic block system communication drift control of insulating p. 52.
- Brylev, A. M., Brylev, E. A. - Synthesis of circuits. p. 54.

- Bylyeva, A. M., Stepanukh, D. M. - Non elements of the theory of rail circuits. p. 74.
- Zinkov, V. I., Maslakov, O. A. - Study of a semi-conductor relay in transmitters. p. 80.
- Bylyeva, A. M., Bylyeva, E. A. - Study of the minimum shut sensitivity of rail circuits. p. 85.
- Reznish, V. V. - Median elements taken in half-wave track circuits. p. 97.
- Reznish, V. V. - Selection of parameters of a wire-pulse automatic block system with bipolar rail circuits designed by the Moscow Institute of Railroad Transportation Engineering system. p. 103.
- Orlikenko, I. E., Volkov, A. A. - Problem of potential interference stability of radiotelegraph communication systems. p. 112.
- Khoshov, V. N. - Channel selection of secondary code selection. p. 115.
- Khalim, H. E. - Velocity regulation of warning signalization. p. 121.
- Stepanukh, H. M. - Evaluation of errors in measurements of track traveled by a locomotive. p. 120.
- Bylyeva, E. A. - Elements of modernization of a standard universal code type, automatic block system for improving traffic safety. p. 120.
- Kozlov, H. I. - Influence of skin effect in rails on the approximation of a short circuit current in a d.c. overhead contact network. p. 130.
- No. 272, 1968. Problems of Transportation Mechanics. Table of contents translated:
- Shechenin-Pankov, V. A., Shteyn, A. M. - Deriving the motion of an arbitrary car on an unbalanced wheel pair. p. 3.
- Gorbatychev, V. V. - Effect of the manufacture of a wheel pair on its motion along a straight track. p. 12.
- Cananov, Kh. G. - Structural synthesis of the automatic switching system in a hydro-mechanical diesel transmission. p. 17.
- Kozlov, H. I. - Dynamics of a torque converter. p. 24.
- Shechenin-Pankov, V. A., and others. - Theory of the automatic turning mechanism designed by the Moscow Institute of Railroad Transportation Engineering. p. 32.
- Shteyn, A. M. - Structural development of flat compensating mechanisms. p. 41.
- Kamenetskiy, V. A. - Kinematics and kinostatics in locomotive transmissions. p. 44.
- Cananov, Kh. G. - Elastic coupling for measuring torque. p. 60.
- Shteyn, A. M. - Determining parameters for regulating loads in couplers. p. 69.
- Shelunov, A. I. - Study of functions of elastic distortions under longitudinal impact conditions. p. 76.
- Polichin, M. A., Anisimov, N. S. - Propagation of the parameters of hump amplitude along a train equipped with quasi-soft couplings between cars. p. 85.
- Kylyev, H. V. - Vibrations of a centrifugal regulator in the field of constant angular velocity. p. 95.
- Abkashidzeva, S. G., Pogorelov, G. S. - Laminar flow of viscous fluid through the working parts of a blade-type granulator. p. 102.
- Kozlov, H. I., Bondarenko, V. I. - Resonances of axial vibrations of rotors balanced in machines with two fixed supports. p. 108.
- No. 230, 1968. Rationalization of transportation operations and improvement of transportation planning. Table of contents translated:
- In memory of Professor K. V. Mikhailov. p. 1.
- Kholodny, N. F., and others. - Development of normal freight traffic schedules within the general network. p. 11.
- Orlikenko, M. I., Golubev, F. I. - Improving the efficiency of transporting Moscow region coal using electronic computers. p. 22.
- Kalyamyshev, A. I., Tsarev, B. M. - Use of electronic computers for calculating technical and economic indices by railroad network sectors. p. 33.
- Chukov, A. S., Avdanina, N. G., Sugechova, M. V. - Analysis of the effect of electric and diesel traction on the cost of railroad hauls. p. 55.
- Simechova, N. G. - Method of analyzing capital yield indices in the railroad industry. p. 70.
- Kon'kov, P. S. - Technical standardization of labor when using the continuous conveyer method for railroad car repair. p. 81.
- Trukhachov, M. F., Mitropolskaya, M. K. - Indices of labor and use of a container yard. p. 103.
- Karlamyshev, A. I., Galaburda, V. G. - Analysis of overtime use of locomotives. p. 122.
- Blumov, A. V., Maslakov, M. E. - Analytical rating for the standardization of materials consumption. p. 130.
- Ilukhin, V. S., Lisichenkov, V. S. - Method of economic evaluation of first passenger traffic. p. 140.
- Kaplan, A. B., Sergeev, A. M. - Use of economic and mathematical methods when planning the use of thermoelectric cars. p. 149.
- Solov, I. V. - Effect of the effect of optimality of a transportation plan on the degree of profit in railroad transportation. p. 153.
- No. 270, 1968. Engineering geology and soil mechanics. Table of contents translated:
- Gol'd, G. A., Ingatova, Zh. I. - Analysis of properties of hardened rock of soil deposits using a shearing tool and a stabilizer. p. 3.
- Kozlovskiy, A. I. - Percolation and relaxation theories of consolidation. p. 11.
- Kozlovskiy, A. I. - Comparison of estimated settling with actual settling according to the time required by each. p. 21.
- Kozlovskiy, A. I., Verbitskiy, S. A. - Precision of methods of calculating the supporting capacity of piles. p. 33.
- Verbitskiy, S. A., Kozlovskiy, A. I., Ignatov, V. P. - Certain additions to calculations of horizontally loaded piles of finite rigidity when using combined methods. p. 39.
- Kempner, M. L., Popov, N. F., Khoshov, N. M. - Problems of creep of PS-B foam plastic. p. 53.
- Kempner, M. L., Popov, N. F., Khoshov, N. M. - Strength of foam ceramics under uniaxial and triaxial compression. p. 60.
- Mishakovskiy, E. I. - Deduction and investigation of parametric equation of a corrugated envelope of bending Mohr circles. p. 70.
- Nedimov, H. I., Kozlov, H. I., Kamenetskiy, I. I. - Review for concrete clay with disturbed structure. p. 81.
- Perazov, M. E., Andrusova, O. N. - Study of effective action on the ground under mining equipment. p. 87.
- Perazov, M. E., Andrusova, O. N. - Determining the optimal berm dimensions to ensure the stability of the underlying stage. p. 92.
- Shteyn, V. N. - Problem of rock creep. p. 97.
- Ismailov, I. G. - Determining shearing resistance of soils. p. 107.
- No. 272, 1968. Study of wind force and loadings for them. Table of contents translated:
- Shchegolev, G. M. - Calculation of antirecep characteristics of fastenings. p. 3.
- Perashin, S. P. - Performance of interval fastenings on wood ties under railroads. p. 6.
- Perashin, S. P. - Stress-strain state and strength of elements of interval fastenings. p. 23.
- Perashin, S. P. - Design of the plates for wood ties. p. 36.
- Vorobey, E. V. - Tests of glue and ball insulating joints. p. 62.
- Shchegolev, G. M., Ilyina, G. V., Andrusova, O. N. - Experimental use of reinforced waterproof ties. p. 70.
- Karnaukhov, A. F. - Expressing the resistance in a rail track system as a function of time. p. 82.
- MOSCOW. VSESOIUNZNI NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT SRI-SKHOZHIAISTVENNOGO MASHINOSTROENIA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL MACHINERY MANUFACTURE. Transactions]. No. 19, 1958.
- Contents: Rozalchenko, M. I. [Theory of cylindrical drums for grain cleaning machines] Voprosy teorii i inzhenercheskikh raschetov zernozhita i kleykha mashin. 54 p.
- MOSCOW. VSESOIUNZNI NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT ZHELEZNODOZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 319, 1966. Increasing the reliability of power supplying devices on the West Siberian railroad line.
- Table of contents translated:
- Volkov, N. H., Kuznetsov, S. M., Pankov, L. S. - More efficient use of sectional circuit breakers on electrified d. c. railroad sectors. p. 5.
- Pakhomov, V. A. - Thermal regimes of a mercury-arc rectifier installed in overhead quarters. p. 23.
- Kozlovskiy, S. M. - On-job performance of d. c. overhead contact network shunting devices. p. 28.
- Kuznetsov, S. M., Sokolov, S. D. - Experimental investigation of transient processes in the absence of grounding of supports on rails. p. 42.
- Volkov, N. H. - Studying the degree of outage in bus bars of d. c. traction substations. p. 61.
- Maisenko, V. P. - Two-section resonant-apertured smoothing devices for d. c. traction substations. p. 56.
- Sopov, V. I. - Mercury-arc rectifying unit using a cascade circuit configuration. p. 61.
- Volkov, N. H. - Methods of determining electric power loss in the traction network. p. 88.
- Solov'ev, I. A., Solov'ev, K. P. - Effect of incomplete phase performance of mercury-arc rectifying units on rail circuits of the automatic block system. p. 74.
- Madenko, H. F., Ryzov, V. V. - Determining the length of a suspension string wire. p. 84.
- Nagovits, A. V. - Errors in the test records of a car used under an overhead contact network. p. 89.
- Pankov, L. S. - Determining the operational reliability of an overhead contact network. p. 92.
- No. 324, 1968. Problems of creating high-capacity gas turbine locomotives. Table of contents translated:
- Savchenko, L. A. - Selection of a line diagram for a gas turbine engine for high capacity gas turbine locomotives. p. 5.
- Isaev, K. V. - Method of determining the characteristics of a three-shaft gas turbine engine. p. 15.
- Deinidov, V. P. - Sensitivity of three-shaft locomotive gas turbine assemblies to changes in temperature of intake air. p. 26.
- Grimov, S. A., and others. - Realization of the power system of high-capacity gas turbine locomotives of a locomotive designed by the Central Scientific Research Institute of the Ministry of Railroads. U.S.S.R. p. 31.
- Sluzhenko, Y. M. - Regulating the power installation of a gas turbine locomotive with a power regulator. p. 47.
- Filichin, G. I. - Elements of the hydrodynamic model of a locomotive gas turbine assemblies. p. 52.
- Melikhov, M. I. - Method of operational control over the performance of a locomotive one-shaft gas turbine engine. p. 73.
- Melikhov, M. I. - Effect of air temperature on the operational efficiency of a gas turbine locomotive with one-shaft gas turbine engine. p. 81.
- Deinidov, V. P. - Determining the capacity of a G-01 gas turbine engine under changing atmospheric conditions. p. 88.
- Isaev, K. V. - Evaluation of indices of a locomotive gas turbine engine when changing the cross section of the flow-through part of the turbine. p. 91.
- Isaev, K. V. - Effect of working conditions of a locomotive gas turbine engine on the selection of rated gas temperature in front of the turbine. p. 97.
- Grimov, S. A. - Basic parameters of electric traction engines for proposed gas turbine locomotives. p. 107.
- OPTIKO-MEKHANICHESKAYA PROMYSHLENNOST' [OPTICAL INSTRUMENTS INDUSTRY]. Issued by Sovetskoye opticheskoye institut [Soviet Optical Institute]. Leningrad, vol. 35, no. 4, Apr. 1968.
- Table of contents translated:
- Novikov, V. V., Skolnikov, L. N., Andreev, H. A. - Graphical calculation of the efficiency of inflow cylindrical specular light guides. p. 3.
- Balashov, I. F., and others. - Cooling the "active body" of a laser by means of a metallic heat conductor. p. 15.
- Zabelin, A. A., Ilukhin, N. V. - Large path difference obtained in interference using a glassy layer as the light source. p. 9.
- Valev, A. S. - Magnitude of errors arising in the interference method of layer thickness control. p. 12.
- Ienskii, A. V. - Assessment of frequency contrast characteristics based on analogy to the Rayleigh criterion. p. 15.
- Andreev, V. D. - Fundamental characteristic coefficients of sumo types of optical systems. p. 20.
- Vandakov, M. P., and others. - Neodymium glass periodic laser fitted for transformation to second harmonic. p. 26.
- Grybov, M. V., Ivanova, T. A., Raguzin, R. M. - Infrared polarization microscope. p. 29.
- Krepatkin, V. D., Solov'ev, A. M., Toporkov, S. A. - Ways to improve the parameters of the MAR-1 X-ray microanalyzer. p. 33.
- Shteyn, L. K. - Crystallizability of glasses in the group of antepolymerous and heavy baryte films. p. 36.
- Golovachova, M. N., and others. - Method for making aspherical surfaces little deviating from a sphere. p. 40.
- Golovachova, M. N., Polichin, V. N. - Use of optical glass as backing for photoacoustic. p. 44.
- Dobitkov, E. T., Kozlovskiy, H. I., Shibaev, V. I. - Use of the IUS-384 chronograph in testing high-speed camera shutters. p. 47.
- Gorova, V. M., Vilkov, I. A. - Transmissivity of colorless optical glass in the near ultraviolet spectral region. p. 49.
- Kuznetsov, K. A. - Longevity of centering shutters. p. 53.
- Tomlin, M. G. - Characteristics of modern centering camera shutters. p. 57.
- Saltarov, D. K., and others. - Pressed rigid fibreglass optical parts. p. 63.
- Kozlovskiy, A. I., Ilukhin, L. A. - Factors influencing the intensity of internal stresses in glass joints linked by optical contact. p. 67.

- PRILADNAYA MEKHANIKA [APPLIED MECHANICS].** Issued by Otdeleniye matematiki, mekhaniki i fiziki prikladnoi Akademii nauk Ukrain'skoi SSR [Department of Mathematics, Mechanics, and Physics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 3, Mar. 1963.
- Table of contents translated:
- Grigoliuk, E. I., Korotkiy, V. M. - Analysis of equations describing three-layered shells of axisymmetric shape containing a solid fillet, p. 1.
- Martychuk, L. I., Stetsko, A. V. - Effect of boundary conditions on critical frequencies and the critical stresses in a cylindrical shell, p. 11.
- Grigorenko, I. A. M., Vasilevko, A. T. - Asymmetrical deformation of isotropic and anisotropic shells of revolution, p. 19.
- Dekhtyar, A. S., Varyak, M. Sh. - Carrying capacity of shallow shells with a central hole, p. 23.
- Karpov, O. A. - A method for solving static problems for a two-layered cylindrical shell, p. 35.
- Pisarenko, G. S., Letadev, A. A. - Shape of the boundary surface according to the mechanical criterion of strength, p. 45.
- Bastier, V. N. - Approximation of the deformation curves for completely alloyed steel and a blast furnace, p. 51.
- Belitskiy, E. P., Zolushila, V. E. - Development of the "free" during extension of polycrystalline samples with differing deformation rates, p. 55.
- Petrushin, V. I., Shchukov, I. A. - Position of a loaded stamp into an elastic layer of finite thickness in the case of axial symmetry, p. 59.
- Nikolayev, A. P. - Studying the stability of a rectangular plate allowing for the compressibility of its material beyond the elastic limit, p. 65.
- Tselikhin, A. I. - Bump-type transformations used in problems bearing on the bending and vibrations of thin plates, p. 70.
- Bulov, N. F. - Stability of rectangular orthotropic plates, p. 77.
- Loshchik, V. N. - Concentration of stresses in the bending of a plate of medium thickness having an elliptical hole, p. 86.
- Novosveta, L. N. - Dynamics of a flat elastic string, p. 91.
- Korotkiy, S. S. - Theory of an electronic electrical vibration suppressor, p. 101.
- Zakharov, V. F. - Sufficient criterion of the asymptotic stability of nonlinear systems, p. 109.
- Belitskiy, E. P., Datsyenko, A. P. - Interaction of rectilinear cracks of a given orientation, p. 112.
- Vecherok, V. I. - Use of the method of electrohydrodynamic analogy in determining wave orbital velocities, p. 116.
- Kovalchuk, B. S. - Effect of blunting of edges on local stresses, p. 121.
- Khomo, L. D. - Plastic zones in a plate having a circular hole in the case of pure shear, p. 124.
- Lubarsky, B. I. - Effect of self-stresses on the stability of an axially compressed rod, p. 131.
- Petrushin, B. I. - Calculation of the impact of a plastic cylindrical volume against a plate, p. 134.
- Kipchitskiy, N. A. - Jean d'Alcibiade (1717-1764), p. 139.
- Paulits, T. V., Freidlin, B. N. - Jean d'Alcibiade and his contribution to mechanics, on the 25th anniversary of his birth, p. 146.
- REFERATIVNYI ZHURNAL AVTONOMNYI I VOZMOZHOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTONOMIVE AND CITY TRANSPORTATION].** Issued by Vsesoyuznyi nauchno-issledovatel'skiy informatsionnyy tsentr [All-Union Institute of Scientific and Technical Information], Moscow, nos. 5-7, July 1963.
- REFERATIVNYI ZHURNAL DYLIGI I VNUTRENNEGO SGOONANIYA [JOURNAL OF ABSTRACTS: INTERNAL COMMUNICATIONS].** Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL FOTOKINOTEKHNIKA [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT].** Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, June-July 1963.
- REFERATIVNYI ZHURNAL KOMMUNALNOE, BYTOVOE I TORGOVOE OBOURODOVANIE [JOURNAL OF ABSTRACTS: COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT].** Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, June-July 1963.
- REFERATIVNYI ZHURNAL KOITOSTROENIE [JOURNAL OF ABSTRACTS: MANUFACTURE].** Separate issue 42. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL MASHINOSTROENIYE MATERIALY, KONSTRUKTSII I MASHINET DETALII KASHIR GIDROPRIVODA [JOURNAL OF ABSTRACTS: MATERIALS FOR MACHINERY MANUFACTURE AND THE DESIGN OF MACHINE PARTS. HYDRAULIC DRIVE].** Separate issue 48. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL NASOSOSTROENIE I KOMPRESSOROSTROENIE [JOURNAL OF ABSTRACTS: PUMPS AND COMPRESSORS].** Separate issue 61. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, July 1963.
- REFERATIVNYI ZHURNAL STROITEL'NYE I DOROZHNOYE MASHINY [JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY].** Separate issue 60. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL TEKNOLOGIYA I OBOURODOVANIE TSELI I DIZNO-BIMAZHINOI I POLIGRAFIKESKOGO PROIZVOJSTVA [JOURNAL OF ABSTRACTS: TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND PRINTING INDUSTRY].** Separate issue 37. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL TEKHNIKOLOGIYA MASHINOSTROENIYA [JOURNAL OF ABSTRACTS: TECHNOLOGY OF MACHINERY MANUFACTURE].** Issued by Vsesoyuznyi nauchno-issledovatel'skiy informatsionnyy tsentr [All-Union Institute of Scientific and Technical Information], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL TEPLONEBETFIKA [JOURNAL OF ABSTRACTS: HEAT ENGINEERING].** Issued by Vsesoyuznyi nauchno-issledovatel'skiy informatsionnyy tsentr [All-Union Institute of Scientific and Technical Information], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL TRAKTORI I SELSKOKHOZIAISTVENNOYE MASHINOSTROENIYE [JOURNAL OF ABSTRACTS: TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT].** Separate issue 41. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL TRUBOPROVOJNOYE TRANSPORT [JOURNAL OF ABSTRACTS: PIPELINE TRANSPORTATION].** Separate issue 35. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 5-7, May-July 1963.
- REFERATIVNYI ZHURNAL TURBOSTROENIE [JOURNAL OF ABSTRACTS: TURBINE MANUFACTURE].** Separate issue 49. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, June-July 1963.
- REFERATIVNYI ZHURNAL VOYNOY TEKHNIKI I SKOGO PROGRESSA I ORGANIZATSIY PROIZVOJSTVA V MASHINOSTROENII [JOURNAL OF ABSTRACTS: PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY].** Separate issue 36. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 6, June 1963.

REFERATIVNYI ZHURNAL VZAIMODEIYI V NEKOTORYKH VIDYKH TRANSPORTA I KONTAKTIRIYEVOSTI [JOURNAL OF ABSTRACTS: INTERACTION OF VARIOUS TYPES OF TRANSPORTATION]. Separate issue 31. Issued by Institut nauchno-issledovatel'skiy informatsionnyy tsentr [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 6-7, May-July 1963.

REFERATIVNYI ZHURNAL ZHILITSNOYE TRANSPORT [JOURNAL OF ABSTRACTS: TRANSPORTATION]. Issued by Vsesoyuznyi nauchno-issledovatel'skiy informatsionnyy tsentr [All-Union Institute of Scientific and Technical Information], Moscow, nos. 5-7, May-July 1963.

INSTITUT INZHENERIY I TEKHNIKOLOGIY TRANSPORTA [INSTITUTE OF ENGINEERS OF TRANSPORTATION]. Moscow, no. 57, Information and Transportation machines.

Table of contents translated:

Pesenko, A. V. - Life of engines for a transport machine, p. 6.

Pesenko, A. V. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

Fedukhin, B. A. - Effect of climatic conditions on the life of engines, p. 6.

- Greim, I. A., Stender, P. V. - Errors of angular current and a method of reducing with changing path of rays. p. 103.
- Mekhanova, G. V., Drankin, A. G. - Optical ring based on the Faraday effect. p. 103.
- Evlakov, S. E. - Interferometric films in optical industry. p. 103.
- Gylnarova, A. A., Akhmedov, S. K. - Regular operation of a cylindrical tribometer. p. 117.
- Dorin, V. A., Masternov, V. F. - Device for locating microheterogeneities in single crystal semiconductor. p. 123.
- Baranov, I. A., Karabattuk, S. A. - Change in the moment of friction forces in a bearing dependent on the duration of the breaking-in time. p. 127.
- Bois Andreievich Ostrovskiy, on his 60th birthday. p. 131.
- STAND I INSTRUMENT [MACHINE TOOLS AND CUTTING TOOLS].** Organ of Gosstatisticheskoy komitet pri Gosplame SSSR and Tsentralfinag. p. 140.
- Naukovo-tekhnicheskoy gosstatisticheskoy komitet pri Gosplame SSSR [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U. S. S. R.], and the Central Administration of the Scientific-Technical Society of the Machinery Industry. Moscow, vol. 39, no. 4, Apr. 1968.
- Table of contents Translated:
- Grishman, M. I., and others. - Programmed control system of a machine for grinding multistep shafts. p. 1.
- Bekharov, V. G. - Calculating the accuracy of ball-type screw mechanisms. p. 4.
- Murkin, E. A. - Elastic deformations and vibration stability of the SPID (machine-tool, attachment, cutting-tool, work piece) system. p. 7.
- Vorobeyev, T. S., Shumil, R. G. - Study of vibrations in the working machine. p. 10.
- Chikharin, L. Z., Sidurukin, V. S., Iosetschek, I. U. D. - Hydraulic drive for coordinate shifts of the working element in a machine-tool. p. 12.
- Tufanov, O. N., Chupin, V. G. - Diagrammatic calculation of transition processes during retardation of a hydraulic power cylinder piston. p. 14.
- Perkhovich, O. N. - Electric hydraulic drive of guiding wheel in centerless grinders. p. 17.
- Vikharov, V. I., and others. - Adjustable electric drive with magnetic amplifiers. p. 19.
- Dob, M. G., Krut'ko, A. U., Franchuk, S. B. - Role of automatic control in manufacturing gear milling machines. p. 20.
- Il'inskiy, L. G. - New methods for sharpening drills. p. 22.
- Chikharin, L. Z. - Automatic production of ramp-paned center drills. p. 24.
- Borishchik, A. M. - Small scrap-frame cylindrical free-drill dies. p. 25.
- Zakharov, I. B., Mutschenko, O. I. - Universal hobbing cutters with hard alloy rolled teeth. p. 27.
- Dachko, E. M., Kashin, E. A. - Drilling deep holes with worm drills. p. 28.
- Lyschik, A. L., Lyashin, V. L. - Approximation calculation of stress condition in a drill. p. 29.
- Il'inskiy, G. N., Ivanov, V. I. - Cutting face teeth with a flying cutter on a gear milling machine. p. 30.
- Polosov, A. I., Bezukova, N. D., Solov'ev, B. V. - Optimum cutting rate in face milling. p. 33.
- Isakov, A. N., Kozlov, I. A. - Device for calculating radius of the overhang and grinding hard-alloy bits by thermal unit. p. 34.
- Dob, M. G. - Effect of cutting tool material on the condition of machined surface. p. 35.
- Marinko, D. G., Zolotarev, I. K. - Grinding high-speed steels with discs from cubic boron nitride. p. 37.
- Kuznetsov, I. U. N., Orlikov, M. L. - Rigidity of chuck holes. p. 39.
- Sveits, V. N., and others. - Operation of milling machines with numerical programmed control. p. 42.
- Mikhlin, I. U. G. - Reaming of holes in 20KhZNA steel parts. p. 43.
- Solov'ev, D. P., Bozhi, H. D. - Electrocasting of tool blanks. p. 44.
- New machine tools. p. 45.
- STROITENIYE I DOROZHNYE MASHINY [CONSTRUCTION AND ROAD MACHINERY].** Organ of Ministerstva stroitel'nogo, dorozhnogo i kommunalnogo mashinostroyeniya SSSR [Ministry of the Construction, Road, and Communal Machinery of the U. S. S. R.]. Moscow, vol. 11, no. 2, Feb. 1968.
- Table of contents Translated:
- On the threshold of the 23rd Congress of the CPSU. p. 1.
- Ros, I. A. V. - New 4050 mobile hydraulic crane. p. 2.
- Polukov, V. I. - High-capacity crawler jib cranes. p. 6.
- Alenshteyn, A. R., and others. - Operation of electrohydraulic testers and their modernization. p. 10.
- Tserlisk, M. D., Medvedev, V. P. - Selecting the length of inserts in the latched joints of assembly cranes. p. 13.
- Uvarov, O. E. - Stability of crane beams with intermediate inserts. p. 14.
- Solov'ev, P. P., Pavlovskiy, A. G. - Mobile dumping machine. p. 15.
- Tracing device. p. 16.
- Zimrenko, S. V. - E-2515 excavator. p. 17.
- Pasygova, R. M. - Inspection results of NPA-64 pumps. p. 18.
- Manufacture of continuous-action excavators produced in series by the construction and road-building machinery plants. p. 21.
- Lomov, V. A., Silko, V. A. - Mechanized painting of buildings with silicate paints. p. 22.
- Polosov, D. S. - S-893 electric nut driver. p. 24.
- Karlov, F. M. - Bending rigidity of flexible shafts. p. 24.
- Zabson, M. I. A. - Problems of labor organization and wages in enterprises in the light of resolutions of the September (1963) Plenum of the Central Committee of the CPSU. p. 26.
- Pankratyuk, P. V., Degtyarev, A. I. - Testing construction and road machinery under various climatic conditions. p. 27.
- Pelashchik, V. B. - Once more about the accelerated testing of fields of new machines. p. 30.
- Eldes, A. G. - Efficient type of a mobile technical service ship. p. 33.
- Burakov, S. E. - Industrial methods of machine repair. p. 37.
- Vol. 11, no. 3, Mar. 1968.
- Table of contents Translated:
- Grishchuk, V. I., Sokol, L. G., Sharov, A. Z. - D-670 scraper with mechanized loading. p. 1.
- Chikharin, E. D., Smirnov, B. M. - New D-300 roller. p. 2.
- Berezin, V. I., Solov'ev, V. R., Smolnikov, Kh. Kh. - DOP-2M plate stacker. p. 4.
- Zhukov, E. V., Koval, E. P., Alenkovich, V. A. - Modernized D-508H grader. p. 5.
- Polishchik, D. A., and others. - VTM-2 vibration ramming machine. p. 7.
- Gazizade, H. M., Kalikhman, G. L. - Calculating the cross-sectional strength of a multibeamal semi-trailer roller with pneumatic tires. p. 8.
- Aranson, M. I., Ukhin, V. I., Ischudin, V. P. - Modern foreign impact machines for breaking up hard surfaces and frozen grounds. p. 11.
- Manufacture of road machinery produced in series by plants of the Ministry of Construction and Road Machinery. p. 14.
- Smolnikov, I. M., Maryasov, I. K. - KIK-100, 2 tractor crane. p. 15.
- Lyashin, A. G. - Anthracite devices for cranes. p. 16.
- Mel'nik GGV loader. p. 19.
- Chikharin, A. M. - Universal continuous-action G-64P concrete-mixer mixer. p. 20.
- Gorushchik, I. V. - Methods of dampening the noise of vibration platforms. p. 23.
- Rezhikov, H. V., Kiselev, L. V. - Universal stand with a device for drawing and pressurized components (based on foreign experience). p. 25.
- Equipment of cementile plants in England. p. 26.
- Harzolskii, A. M. - Remotely controlled work by guiding in civil-mech construction. p. 28.
- Dolzhik, E. S., Kuznetsov, E. S. - New electrical cranes. p. 29.
- Polishchik, D. A., Samoilovskiy, A. M. - Intensifying the machine motion of underground vibrators. p. 31.
- Dagilov, A. I. - The road machinery industry under the conditions of planning and economic stimulation. p. 33.
- Nozlov, D. P., Fedorovskiy, M. M. - First results of introduction of the five-day work week at the Temnograd Karavayev Plant. p. 34.
- Fedorov, V. A. - Organization of work and the equipment of a deshpole office. p. 35.
- Antalov, V. N. - Trading in licenses for construction and road machinery. p. 38.
- Best collectives of inventors and efficiency promoters. p. 39.
- TEKHNOLOGIYA I ORGANIZATSIYA PROIZVOODSTVA [TECHNOLOGY AND ORGANIZATION OF PRODUCTION].** Issued by Gosstatisticheskoy komitet Soreia Ministroy Ekonomiki SSSR [State Planning Committee of the Council of Ministers of the Union of S. S. R.] and others. Kiev, no. 3, May-June 1968.
- Table of contents Translated:
- Scientific and technical information is a powerful lever of technical progress. p. 1.
- Lych, N. S. - Organization of technical preparation of production under new operating conditions. p. 3.
- Enola, V. P. - Operation of the Odessa Refrigerating Machinery Plant under economic reform conditions. p. 6.
- Gribchuk, P. S., Korolevich, I. P., Semenov, O. M. - Organization of technical preparation of an enterprise and municipal mill-homestead. p. 9.
- Sallom, N. A., Tretyakov, A. I. - Structure of working time input depending on different degrees of production automation. p. 11.
- Draganov, A. A. - Economic stimulation of the workers of plant repair services. p. 13.

- Kharin, A. F., Shest, I. S. - Expanded planning of expenditures for tools. p. 10.
- Ratnikov, N. I. - Scientific labor organization should be used in all enterprises. p. 18.
- Lisitsyn, V. M. - Some problems of tool technology. p. 22.
- Mavryk, N. M. - Using the system of direct repairs in production for tool making. p. 24.
- Solov, S. V. - Increasing efficiencies in production. p. 26.
- Kuznetsov, A. V., Reshetnikov, A. N. - Industrial aesthetics and perfect organization of work at the First of May Agricultural Machinery Plant. p. 28.
- Fedorov, I. L. - Perfect organization of work at the Krasnodar R. of Machinery Plant. p. 30.
- Cernikov, G. K. - Trends in the development of tractor manufacturing. p. 32.
- Il'inski, A. M. - Fastenings in bearings of mill shafts of the 250-2 high-speed wheel mill. p. 35.
- Karavich, F. M., Salava, D. L. - Automatically regulated displacement hydraulic drive for machine tools. p. 36.
- Belin, A. M., Gubel, E. M. - Units for crushing plastics wastes. p. 41.
- Chumko, V. P., Mezharin, V. I., Dzubal, P. I. - Designing and producing reinforced concrete parts of electrohydraulic machines. p. 43.
- Kuznetsov, B. N., Chuprakov, L. P. - Calculating efficiency of the speed for automatic and semi-automatic machine tools. p. 46.
- Solov, I. M., Shchegolev, V. N., Popov, N. L. - Increasing the productivity of plowshares and rollers. p. 48.
- Andel's, D. E., Lashov, G. Z., Ustrenko, S. K. - Investigating industrial materials for high-tensile alloyed steels. p. 51.
- Lepel'skiy, V. P., Goltz, A. A., Shchegolev, I. M. - Design of pneumatic cylinders made of hard-oxycarbon. p. 53.
- Vasilevich, V. M. - Classification of basic magazines of machine tools for selecting a sawmill. p. 57.
- Ponomarev, A. I., Zaitseva, A. M., Dmitriyev, I. L. - Producing sawdusts of 10-15 mesh for cutting of second class production of difficult-to-machine materials. p. 59.
- Spevakov, K. S. - Flattening cylindrical holes in parts of tractor engines. p. 62.
- Vasilevich, A. S., and others. - Shaping alloyed sheet parts of machine tools. p. 65.
- Golov, V. L., Davydov, B. A. - Multiple-purpose drill for indexing racks in chain drives. p. 65.
- Kryukov, V. A., and others. - Increasing load resistance of roller chain links. p. 66.
- Kozlov, V. G., Fedorov, H. D. - Vibration and cold metal. p. 67.
- Vasilevich, R. I., Zhuk, V. A., Matvi, V. A. - Improving heat resistance of casting alloys. p. 69.
- Tsygankov, G. I., Tikhon, S. V. - Improving engineering efficiency of steel gear wheels. p. 72.
- Garkushenko, V. A., Tikhon, A. A. - Boring AISI alloy for large drill castings. p. 73.
- Rams, L. P., and others. - Tempering cast-steel of pistons. p. 75.
- Troshin, H. P. - Induction surface hardening of the gauges of a screw cutting lathe. p. 77.
- Lutchenko, A. E., Gyselski, I. V. - Universal processing device used in chemical food treatment. p. 79.
- Zavitskiy, V. M., Fuz, H. S. - Silver plating and passivation in an ultrasonic field. p. 80.
- Gerasimov, V. E., Pakizov, A. V. - Using an ultracentrifuge for increasing the adhesion of paint on various coatings. p. 81.
- Barilov, H. D., Akhmedov, A. G., Ponomarev, S. M. - Effect of calcium oxide on some properties of casting alloys. p. 83.
- Schubert, K. L., Ponomarev, R. N. - Rapid drying of machine articles. p. 85.
- Kozlov, V. S. - Determining optimum conditions for obtaining uniform-size holes by a focused laser beam. p. 88.
- Kolomo, G. F., and others. - Organizing the repair of unique and high-precision equipment. p. 99.
- Vafikov, M. M. - Reconditioning parts and tools of metalworking equipment by means of plastics and epoxy resins. p. 91.
- Chukrasov, S. I., Goltz, H. P. - Relationship between the wear dynamics of the steel-cast iron pair and structural changes in surface layers. p. 91.
- Voznenko, V. V., Uskin, K. A., Iskhakov, G. V. - Using elliptic reverberatory heaters in mechanical tools. p. 95.
- Dal's, A. G., Kolesko, M. N. - Automatic unit for continuous joint adjustment of the engine and transmission of tractors. p. 96.
- Didsk, I. S. - Noncontact pickup for the detection and control of displacements of metal parts. p. 99.
- Anipol, V. A. - Automatic mixing for cutting and trimming network wires. p. 100.
- Maksimov, H. A., Ivanov, E. B. - Index of the compressive polytropic curve of a free-piston gas generator. p. 101.
- Gerasimov, N. I., D'ukov, G. I. - Testing vibrating machines. p. 104.
- Anchev, G. A., Arpentev, B. M. - Determining heat clearance in automatic assembly of tightened joints. p. 107.
- Serdak, V. P., Alukova, S. P., Zhelezskii, I. D. - Determining of contamination by wear products using spectrum analysis. p. 110.
- Stamping by means of explosion. p. 113.
- Worm transmission with rolling friction. p. 114.
- Shock absorbers with solid working substance. p. 114.
- Moldable belt conveyor. p. 115.
- Conveyer belts made of transilite. p. 115.
- Conveyer consisting of metal plates. p. 116.
- Effect of mass on labor productivity in enterprises. p. 116.
- Automatically controlled storage of spare parts. p. 117.

TRAKTORE I SELSKHOZMASHINY [TRACTORS AND AGRICULTURE MACHINERY] Organ of Gosdetsstroykomitet avtotraktovogo i sel'skhozhozstvennogo mashinstroeniya pri Gosplan SSSR [State Committee for the Tractor and Agriculture Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.], Moscow, no. 2, Feb. 1968

Table of contents translated: Stetskov, M. S. - New equipment for 1968. p. 1. Vukobrat, A. P. - Prolongation of an agricultural tractor. p. 4. Lishevskii, A. S., Shchegolev, V. N., Koshchuk, E. L. - Application of dynamic stress parameters in determining the duration of fuel injection in diesel. p. 7. Vasilevich, V. M., Bogdanov, V. N. - Lattice diagrams of operating conditions of a pair drive hydro pump. p. 12. Vukobrat, B. V. - Determination of the angular velocity at terminal adding of a clutch, and the design of tractor engine fly wheels. p. 14.

Stetskov, V. N. - Determining the hydrodynamic and mean clearance of a plunger pair. p. 17. Gerasimov, A. H., and others. - Dynamometric stand with rotating rollers for testing high-power selected tractors. p. 18. Golov, A. N., Dushov, V. S., Lezhebn, N. A. - Experimental study of the smoothness of motion of a gram harvesting combine. p. 20. Kravchenko, B. L. - Safety factor of the angular angle setting for cutters sweep blades. p. 22. Mironov, S. S. - Wear characteristics of small segments of blades. p. 23. Lisitsyn, V. P. - Direction of action of disk tiller operator parts. p. 25. R. I., A. A. - Theory of rotor seed threshing. p. 20. Gerasimov, M. P., Ponomarev, S. I. - Calculation of the basic parameters of sprayer jets. p. 20. Solov, I. M. - Calculation and selection of atomizing devices for modern sprayers. p. 31. Severov, M. M., Pichkarev, N. S. - Wear of steel and polymers in a mineral fertilizer medium. p. 34. Gerasimov, V. I. - The KKM-2, OA hammer feed plow "Merkavleka". p. 36. Vukobrat, G. M., Khodov, I. V. - Tractor transmission steel stand. p. 37. Mironov, V. P., Eremenko, H. P. - Manufacturing sprockets in black-walled bushings. p. 38. Kozlov, E. I., Gerasimov, A. A. - Tractor prices in relation to performance quality. p. 40. Mironov, V. I. - Planning of auxiliary shops under new administrative conditions. p. 44. Nesterov, N. N. - Using the ISN-1 stage heading unit for plowing root crops. p. 46. Sharov, N. M. - Electronic apparatus for controlling the operations of sowing machines. p. 46. Evgeny Dmitriyevich Usov is eighty years old. p. 48.

No. 3, May 1968.

Table of contents translated: Kozlov, R. V., and others. - Basic reliability indicators of tractors and tractor elements. p. 1. Evzenov, I. A., and others. - Level of technical parameters in prospective types of industrial tractors. p. 4. Zaitseva, M. P., Pashalov, I. V. - Effect of the operating conditions of the D-50 engine on the working qualities of its components. p. 6. Mironov, G. A. - Study of the effect of a fuel booster on the chlorine intensity of an air-cooled diesel engine. p. 8. Dmitriyevskiy, S. S., and others. - Designing welded tractor frames. p. 11. Kozlov, E. P., Shchegolev, P. L., Sharadinskiy, D. Z. - Increasing the performance of a tractor and machine assembly. p. 14. Batski, I. D., Kozlov, H. K., Eglit, I. M. - Estimation of the durability of friction elements of a tractor clutch assembly according to data obtained on a test stand. p. 15. Bulakov, L. I. - Angle of turn of tractor leading wheels when the differential gear interlock is disconnected. p. 18. Kereselidze, Sh. A. - Teaharvesting machine "Sakarvelo". p. 20.

Gil'blat, P. M. - Soil cultivation of swampy bays. p. 22. Shcherbak, M. L. - Dependence of the characteristics of aerosol generation on the aerosol generator. p. 22. Grifkov, H. V., Machalov, V. A., P. - Violation of the driver's seat in the p. 24. Tach, V. D. - Study of the effect of the method and type of hole on the p. 24. Kuznetsov, G. V., Vukobrat, G. P., K. - Load capacity of chains and slats of distribution. p. 28. Bulakov, V. G. - Mechanization of the tion of a potato planter. p. 30. Babitskiy, N. I. - Machines exhibited at the 1968 International Symposium of Mechanization of Agriculture and Irrigation. p. 30. Kuznetsov, I. V., Goltz, A. A. - The load capacity of the scraper of a conveyor. p. 33. Loshchinsky, L. G. - Determination of parameters of an inertialless leaf p. 34. Zikov, V. I., Semenov, I. P. - The U. - cleaning unit. p. 36. Kozlov, A. P. - New machines for the of natural husbandry. p. 30. Anisimov, H. M., Zilov, D. - Use of bushes in a tractor engine fly of chrome plated inserts. p. 10. Pashalov, I. V., and others. - Characteristic of the process of a diesel engine parts. p. 43. Borisov, S. G. - Clutch design in tractors. p. 45. Vukobrat, A. N. - Tractor Conference Machinery in memory of Academician Gerasimov. p. 46.

No. 5, May 1968.

Table of contents translated: Kozlov, V. A., Nikitov, G. A., Solov, I. M. - Organization of production of new machines. p. 1. Rubinshteyn, H. A., and others. - Safety factors of a tractor diesel with a combustion chamber. p. 3. Voznenko, N. P., Anisimov, V. cycle indices of the gas turbine engine. p. 4. Lysov, A. M., Vukobrat, N. M. - Calculation of the optimum combination of hydraulic transmission characteristics of an analogue computer. p. 7. Gil, G. V., Pashalov, I. V. - Influence of the PMO starting regime. p. 10. Borisov, I. A., Zaitseva, M. A. - Type of a higher speed tractor. p. 12. Mironov, V. L., Pashalov, H. N., Pashalov, I. V. - Determining the efficiency of a tractor hydraulic systems. p. 15. Zakov, M. N., Bulakov, V. N., Kozlov, S. G. - Study of the torsion resistance of a p. 17. Anisimov, H. M., and others. - Appraisal of the operating modes of the skid line tractor. p. 10. Anisimov, V. A. - Study of the dynamic behavior of the SKM-4M combine. p. 12. Chukrasov, V. I., and others. - Work evaluation of relay filters in potato p. 24. Dushov, S. M. - Evaluation of the p. 24. Bulakov, V. A., Loshchinsky, I. M., Semenov, I. P. - Characteristics of the engagement of chains with polymer gear teeth on driving and driven gears. p. 24. Pashalov, G. P., Kravchenko, M. L. - The height of the stacks on the disk of a spreader. p. 20. Pashalov, G. N. - Determination of a sprayer tank volume. p. 31. Gerasimov, M. P. - Movement of droplets from a blower-type sprayer. p. 33. Kozlov, V. A., Mironov, H. K., and others. - Study of the continuous production of treatment. p. 34. Chukrasov, I. S. - New machines for cereal and rice crops. p. 36. Goltz, S. K. - An automatic mechanized potatoe. p. 38. Shcherbak, E. - Agricultural machines "Sel'mash" Factory in Mankov. p. 38. Vukobrat, V. V. - Improvement of the automation of the operational of basic production in the factories. p. 40. Zaitseva, M. A. - Overall automation of the section for a SMD-11 diesel engine. p. 42. Pashalov, H. L., Anisimov, H. M. - Cast iron shavings from the cutting by a pneumatic conveyor. p. 43.

Orekhov, A. V., and others. - A method of building the swell by superimposing two models. *Trudy SSSR, p. 45*.
 Borisov, S. G. - Chertches with diapiric springs. p. 45.

K. MINING & METALLURGY

AKADEMIYA NAUK SSSR. Izvestiya. Metallurgiya [ACADEMY OF SCIENCES OF THE U.S.S.R. Metallurgy. Metals]. Moscow, no. 2, Mar.-Apr. 1968.

Table of contents translated:

- Vaskovskiy, R. A., Vashilovskiy, L. I. - Regulation of arsenic removal during the roasting of Krasnodar ores. p. 3.
 Kravchenko, L. A., Fiodorov, L. P. - Studying the process of the reduction of iron oxides by solid carbonaceous materials. p. 10.
 Petrov, L. A., Maslennikov, V. M. - Studying ore-fuel mixtures by the method of mass. p. 10.
 Vykshchikov, A. M., Sushkov, A. I. - Effect of coke impurities on the carbonization of cast iron in the form of a capsule. p. 24.
 Barnatskiy, L. I. - Basic factors determining the products of metal desulfurization in metallurgical furnaces. p. 26.
 Solov'yev, V. A., and others. - Neomagnetic inclusions in cast steel investigated with calcium and rare earth metals. p. 31.
 Krasov, G. N., Novokhatskiy, I. A. - Hydrogen behavior during the refining of alloyed steel with synthetic slag. p. 40.
 Fedoseyev, V. D., and others. - Characteristics of the reduction of oxidized iron ore concentrates. p. 47.
 Kuznetsov, I. D., Ignatyev, L. V. - Crystallization and viscosity of fluid furnace slags. p. 50.
 Ginzburg, A. A. - Viscosity of slags in a three-component system $\text{CaO} - \text{SiO}_2 - \text{FeO} - \text{MgO}$. p. 53.
 Baranov, L. N., and others. - Kinetics of the reduction of manganese products by carbon in molten Fe-Mn. p. 71.
 Derzhavskiy, A. A., Popov, S. I., Zupnik, A. E. - Adsorption of oxides in common metal alloys and steels. p. 70.
 Babin, B. A., Gelfand, B. V., Korshakov, P. V. - Effect of phosphorus and silicon on the viscosity of alloys in the system Fe - C - Si. p. 85.
 Andriyenko, N. I. - Behavior of the anode material during the electrolytic refining of titanium and its alloys. p. 89.
 Morozov, P. V., Larkov, V. I., Kravchenko, S. M. - Sulfidation and ferritization of metal zone metals in the system $\text{SiO}_2 - \text{Fe}_2\text{O}_3$ during sulfating roasting in a fluidized bed. p. 94.
 Chistyakov, I. D., Marbut'skiy, G. A. - Effect of the addition of various elements on the process of oxidation of liquid zinc. p. 104.
 Mironov, I. D., Kliner, M. M. - Certain characteristics of the crystallization of electric slag. p. 111.
 Bolokovskiy, K. A., Panin, V. V. - Removal of non-metallic inclusions during electric slag remelting. p. 115.
 Zhelezovskiy, A. S., Vlodavetskiy, V. N., Kravchenkov, A. B. - Using methods of vanadium zirconium reclassification in metallurgy. p. 122.
 Zayatskiy, T. N., Ivanovskiy, G. P., Blakovich, T. K. - Electric smelting of vanadium in a vacuum atmosphere. p. 132.
 Pogoda, A. A., and others. - Optimal parameters of a device for the smelting of vanadium in smelting. p. 136.
 Lushina, L. D. - Certain characteristics of the crystallization of alloys at super-high rates of cooling. p. 147.
 Repina, N. I., and others. - Inter-crystalline segregation of copper and nickel in transition alloys. p. 153.
 Kalinina, L. T., Oshchepkov, V. E. - Degradation of structure during the isothermal decomposition of austenite in steel and white cast iron. p. 161.
 Kuznetsov, S. G., Spivakovskiy, E. S. - Influence of grain boundary structure. p. 169.
 Gulyaev, A. P., Malozov, B. N. - Effect of silicon on the tendency of high-purity iron toward brittle failure. p. 167.
 Finkel', V. M., and others. - Steel fracture as a process of joining of microcracks. p. 171.
 Solov'yev, A. L. - Relation of activation energy of steady-state creep in applied stresses. p. 176.
 Grachev, S. V., Zolov, V. A. - Role of the metastable structure of alloys in stress relaxation. p. 180.
 Sashkov, D. P. - Connection between the melting temperature and the threshold of brittleness in certain metallic compounds. p. 184.
 Lushov, D. A., Shvartsman, L. A. - Method of calculating the time length of steel reconditioning by cementation. p. 189.
 Golitsyn, R. M., Maslennikov, E. G. - Thermodynamic properties of systems zirconium - silicon. p. 193.
 Eremin, V. N., Lukashenko, G. M., Shilov, V. R. - Thermodynamic properties of alloys in the system Ni - Mn. p. 208.
 Rozukhina, T. N., Drobyshev, B. N., Gulyaev, V. A. - Heat capacity of NiFe_2 at high temperatures. p. 215.

- Zakharov, M. L., Proskochin, D. A. - Polythermal sections at the constitutional diagram of Mn - Ti. p. 219.
 Lushkov, N. E., Glazov, A. L., Gaskov, E. I. - Composition and structure of chemical compounds in titanium alloys containing copper and nitrogen. p. 224.
 Vaynshteyn, N. L., Lashkov, A. A. - Effect of the rate of cooling on the formation of a primary structure in Sn-Sb alloys. p. 229.
 Ponomarev, A. S., and others. - Contact interaction of multicomponent alloys with zirconium. p. 235.
 Gulyaev, V. A., Lashkov, E. I. - Interaction of gallium with iron. p. 238.

AZERBAIJAN PETROLEUM INDUSTRY

Organ of Soviet Azerbaijan Khromatography Azerbaijan SSR and Gosudarstvennyy Komitet SSSR Ministerstva Azerbaidzhanskoy SSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of the Azerbaijan S.S.R. and the State Committee of the Council of Ministers of the Azerbaijan S.S.R. for the Coordination of Research]. Baku, vol. 37, no. 4(502), Apr. 1968.

Table of contents translated:

- Akhmedov, A. M., and others. - Tracing the barizans VII the "Interval" series of productive strata in the western Azerbaijan portion of the Dzhirgatala Depression in the Lower Kara Lowland. p. 1.
 Mamedov, T. A. - Effectiveness of oil and gas prospecting operations in South Caspian provinces. p. 1.
 Orzalanov, S. T., Tamarazov, G. P. - Geological development of the Karadag zone (Baku-Sumgait-Karadag). p. 7.
 Mamedov, G. A. - Establishing optimum spacing between wells exploiting horizons of the same nature. p. 9.
 Zeharlov, M. M., and others. - Lithological correlation and joining of rocks of the Volganian stage in the northern slope of the South-Caspian Caucasus. p. 11.
 Anisimov, A. T., and others. - Certain interrelationships of basic parameters of waters and petroleum of the Bakhti series in the Karadag zone. p. 14.
 Solov'yev, A. K., Farukh, T. G., Vekhov, T. G. - Determining pressure difference in the Bakhti zone. p. 16.
 Mamedov, R. N., Borzhanov, K. A. - Determining the boundary value of soil heat from a borehole. p. 18.
 Baykov, K. B., Ragimova, H. A. - Studying the prevention of foaming of oilfield-treated clay mats. p. 20.
 Akhmedov, A. A., Garbanov, R. S., Mustafayev, S. D. - New method for determining static pressure in formations containing elastic petroleum. p. 23.
 Rzaev, F. M. - Mixing of emulsion (residual) and displacing waters on the basis of level data of oil pool development. p. 25.
 Karabazov, G. S. - Determining the parameters of a fractured formation. p. 27.
 Rabinovich, Z. M., and others. - Radius of breakage in the bottom zone of wells during the development of reservoirs of low stability. p. 29.
 Akhmedov, E. A., and others. - Effectiveness of the combined stimulation of pools in the Sazir-Kirmak series on the block V of the Kheyranli field. p. 32.
 Takhmazov, F. G., Vainilov, A. N., Aga-Rzaogly, Adil. - Studying the interaction of rock samples of the Kirmak series in hydrochloric acid. p. 34.
 Akhmedov, V. S., and others. - Exhaustive protection of diethyl hydrogen sulfide by the method of two-stage dehydrogenation. p. 36.
 Zeharlov, D. K., and others. - Synthesizing bisoxycyclohexyl glycol esters. p. 38.
 Ismailov, H. G., Akhmedov, S. M., Vezhov, S. S. - Simultaneous oligomerization of ethyl ethyl isomers of dihydrobenzenes. p. 40.
 Ragimova, Sh. S., Pis'man, I. I., Bakhti-zade, A. A. - Alkylation of phenol by isobutylene on aluminum-silicates with HCl additives. p. 42.
 Gulyaev, G. I. - Analyzing dehydrogenation products of ethylbenzene by gas-liquid chromatography. p. 44.
 Mustafayev, M. A., Liberzon, L. M. - Econometric-geological evaluation of the prospects for the development of the toluene-bromine industry in Azerbaijan. p. 47.
 Solov'yev, Z. G., Shakhmurov, M. K., Mamedov, R. L. - Filter based on a resin obtained from liquid products of the pyrolysis of gases. p. 3 of inside cover.

Vol. 37, no. 5(503), May 1968.

Table of contents translated:

- Karabazov, R. N. - Construction of the floating rig "Khezar". p. 1, 2 of inside cover.
 Bozmenov, V. G., Solov'yev, A. M. - Development of the South Daghestan refinery in connection with

prospects for oil and gas occurrences in the Lower Cretaceous sediments in the Sumgait region of Azerbaijan. p. 1.

- Lashkov, M. M., Kharazov, R. G. - Lithological characteristics and reservoir properties of the Bakhti series in the Pechavay-Mare field. p. 3.
 Mekhlov, Sh. T., Shukhbaev, Z. I., Shukhbaev, V. Z. - Changes in thermal regime of the oil fields of Azerbaijan during the process of development. p. 6.
 Dzhafarov, Kh. D., Lladze, V. V. - Electric logging characteristics of Pliocene sediments in the southern part of Khabarovsk. p. 8.
 Salykhov, I. U. V., and others. - Studying the permeability of oilfield wells. p. 11.
 Ismailov, A. E., Akhmedov, M. A., Solov'yev, V. A. - Geology of drilling wells in a well. p. 13.
 Akhmedov, A. M., and others. - Use of remanent gullies in remanent casing into a well. p. 15.
 Gulyaev, M. A., Ismailov, K. A., Mamedov, A. A. - On the strength of the casing during the simultaneous field-gas perforation. p. 17.
 Mamedov, M. B., Solov'yev, N. G., Gulyaev, V. V. - Effect of mud filtration on the pressure of hydraulic fracturing in well drilling. p. 20.
 Mamedov, A. Kh., and others. - Some gas hydrothermodynamic aspects of the filtration of gas-liquid systems. p. 21.
 Gulyaev, G. P., Gulyaev, G. A. - Effect of an infinite elastic zone on the behavior of an oil pool. p. 23.
 Akhmedov, T. A., Mamedov, K. K., Gulyaev, V. T. - Causes of breakthroughs of water into the completion of wells in the Kirmak field. p. 26.
 Gulyaev, G. C., Buzanov, M. S., Sakh, E. M. - Introduction of liquid-seal subsurface pumps in the Oil Field Administration of "Sumgait". p. 28.
 Akhmedov, Sh. G. - Coefficient of heat conductivity of sedimentary rocks in relation to moisture and oil potentials. p. 30.
 Akhmedov, N. A., and others. - Some data of the total development of the Sazir-Kirmak series in the Pechavay-Mare field. p. 31.
 Akhmedov, S. M., Ismailov, H. G., Ragimova, M. R. - Dehydrogenation of diethyl hydrogen sulfide and isopropylbenzene in the presence of various oxide catalysts. p. 34.
 Karabazov, I. U. G., and others. - Studying the thermal conversions of propylene and its mixtures with diethyl during pyrolysis. p. 35.
 Mamedov, Shukhbaev, and others. - Chlorination of ethyl ester of naphthoic acid separated from petroleum acid sludge. p. 38.
 Akhmedov, M. A., Rzaev, M. M., Naryeva, Z. D. - Synthesizing oil-soluble surface-active agents and studying their surface-active properties for the use in oil recovery. p. 40.
 Melik-zade, A. M., and others. - Changes in viscous and thermal properties of petroleum lubricants under the influence of nuclear radiation. p. 41.
 Shifonov, A. I., Gulyaev, B. M., Mustafayev, A. M. - Results of experimental studies of transferring petroleum of various viscosity by the use of centrifugal pumps with mechanical impellers. p. 44.
 Akhmedov, A. I., Solov'yev, V. A., Todor, V. V. - Selecting power supplies for the study of the corrosion of gas and petroleum pipelines. p. 46.
 Mamedov, M. I. - Limit of the maximum production of oil wells. p. 47.
 All-Union conference of the workers of drilling organizations. p. 3 of inside cover.

BURENTE [DRILLING]. Issued by TSNIT'nyy nauchno-issledovatel'skiy institut tekhniko-ekonomicheskikh issledovaniy po volnaniyu, neftekhimicheskoi i gazovoi promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies in the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 3, 1968.

Table of contents translated:

- Ismailov, R. Kh., Aslanyev, G. K. - Results of the tests of the ATNS torquedrive. p. 3.
 Firatov, I. U., Usmanov, A. U. - Performance of experimental bits in the fields of the Andizhan drilling office of the "Ferganaburmet" Trust. p. 5.
 Zubarev, A. V., and others. - Breaking rocks with single-conc bits. p. 8.
 Prishchak, I. E., Rukh, N. K., Petrovskiy, V. A. - Experience in air drilling of wells in the Nadvornaya region of the Bashkirsk field. p. 11.
 Gorskii, A. T., and others. - Improving the technology of well drilling in the Arctic region. p. 16.
 Akhmedov, E. A., Shitirkin, I. M., Makhlov, M. I. - Experience in preventing deviation of wells in Bashkiria. p. 19.
 Pashkov, D. N., Kononenko, V. M., Osafenko, V. T. - Hardening by iron chloride of aqueous solutions of urea formaldehyde resin used for the prevention of thief zones. p. 22.
 Glebov, V. A., Antonov, V. F. - Using jet pumps in tapping thief zones. p. 25.

- Vasilev, H. G., and G. I. - Efficient combination of well drilling methods in the Gribin field. p. 27.
- Sukhachin, N. V. - Selecting drilling methods for tapping productive horizons in the Dnieper-Dnestr Lowland. p. 11.
- Nikolayev, L. V., and V. A. - Experience in using bactericidal slurries. p. 34.
- Matkarpolskiy, N. A., Kulegov, I. U. P. - Results of using bactericidal additives in drilling fluids in boreholes of the "Pechora" Trust. p. 35.
- Il'kov, N. I., Tsylin, R. Z., Nerezhina, A. A. - Efficient selection of the duration of drilling on cement. p. 10.
- Sinitsyn, V. V., and others. - Plant tests of a new slag-silicate plugging slurry. p. 11.
- Isolov, A. I., Vidoshiy, V. A., Zakharenko, B. S. - Effect of changes in pressure and temperature on the thickening of plugging slurry. p. 44.
- Papkov, A. V., Valfarsky, I. A., Gorkov, F. A. - Plant tests of an experimental apparatus of the DA-15R drilling rig. p. 42.
- Bogdan, K. B., Aliev, R. A. - Studying the effect of the medium character on hydrodynamic processes in running a packer in the well. p. 49.
- Likhachev, G. D. - Experience in using cable-tool methods in the Mangyshlak Peninsula. p. 51.
- Savchenko, E. I., Bondarev, V. I., Siderov, N. A. - Determining the magnitude of hydrodynamic pressure developing during running of a drilling string into a well. p. 53.

KHARKOV, INSTITUTE INZHENERIV ZALIZNYCHNOGO TRANSPORTU. Trudy, INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transacations. Moscow, no. 89, 1966. Problems of heat engineering in railroad transportation.

- Table of contents translated:
- Chirkin, A. P., Kreshchenkov, S. A. - Characteristics of the working process of a 2D100 diesel locomotive when operating under small loads at reduced crankshaft revolutions while idling. p. 3.
- Chirkin, A. P., Sidorov, A. F., Mikhailukov, V. L. - Results of measuring temperatures of pistons in a high-speed internal combustion transportation engine. p. 7.
- Sidorov, A. F., Zaslavskiy, G. N. - Problem of determining relative heat losses into the cooling system of an internal combustion engine. p. 13.
- Chirkin, A. P., Mikhailukov, V. L., Sakharovich, V. D. - Installation for studying the effect of a silent electrical discharge on the process of combustion. p. 20.
- Chirkin, A. P., Gidlov, O. P. - Method of investigating the heat exchange in fluidized bed. p. 26.
- Sidorov, A. F., Mikhailukov, V. L. - Use of a pulse converter in the diesel engine exhaust system. p. 31.
- Blazovlev, M. N., and others. - Filtering process of a high-speed diesel engine with vortex chamber. p. 35.
- Vodnolazhenko, V. V., Sidorov, A. F., Rusanov, V. I. - Calculation of bubble power in the pulse system of turbo-pulse diesel engines. p. 43.
- Kreshchenkov, S. A. - Change of characteristics of a high-speed transportation diesel engine during the cooling of the supercharged air. p. 50.
- Korik, M. A. - Effect of air temperature at the intake on the power of high-speed diesel engines. p. 55.
- Verzer, S. D., Mikhailukov, V. L., Sakharovich, V. D. - Measuring of temperatures of moving parts in high-speed internal combustion engines. p. 61.
- Kreshchenkov, S. A. - Gas sampling valve with an electric drive. p. 67.
- Podgorniy, V. F., Pelkov, I. U. D. - Determining fuel pressure at sprayer nozzle holes during diesel engine operation. p. 71.
- Petukh, V. I. - Intensification of the hardening process of the keramiz ceramic mass when making large wall panels by using high frequency current. p. 74.

LENINGRAD, GORNIY INSTITUTE. Zapiski, INSTITUTE OF MINING. Records, Vol. 53, no. 2, 1967. Stratigraphy and paleogeography.

- Table of contents translated:
- Natishkin, D. V. - Stratigraphy in the U.S.S.R. p. 3.
- Vladimirovskaya, E. V. - Paleogeography of the Altai-Sayan region in the Ordovician and Silurian. p. 9.
- Vladimirovskaya, E. V., Vladimirovskiy, G. M., Krivosheina, A. V. - Middle and Upper Ordovician sediments in the upper Ak-Sue Valley (southeastern part of the Western Sayan Mountains). p. 23.
- Kaganov, A. Kh. - Problems of the determination of sea depths in the geological past and their evolution. p. 29.
- Kaganov, A. Kh., Klemm, L. N., Steglin, E. K. - New data on the geology of the western part of the Zaysan fold area. p. 32.
- Dnev, V. P., and others. - Filizok (Novokerkiz) horizon of the Assel stage in the Western Urals. p. 45.
- Spitskiy, N. A. - Ways of the distribution of Devonian tetracrinid corals. p. 51.

- Parfen, A. M., and others. - The sculler of the sculler. p. 69.
- Makarenko, Z. D. - Fines of Middle Jurassic Inoceramus in the upper Amur V. L. p. 86.
- Bogdanov, V. I. - Jurassic and Cretaceous faunas of Kama Zemlya. p. 95.

LITENOE PROIZVODSTVO [FOUNDRY PRACTICE].

- Organ of Gosudarstvennyy komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.]. Leningrad, Moscow, no. 12, Dec. 1967. Table of contents translated:
- Vashchenko, K. I., Ben, I. S. - Development of foundry production of the Soviet Union in the last 50 years. p. 1.
- Garyshvskiy, L. M. - Technical progress of foundry production of the Rostselmash Plant. p. 3.
- Vasilevskiy, P. F., Bobeshnikov, P. I. - Intensification of the system of estimating casting properties of alloys. p. 8.
- Isakov, B. G., Zakharenko, M. I. - Flame cutting for burning and cleaning of castings. p. 9.
- Zemskov, P. I., and others. - Wear of distribution patterns from cast iron. p. 11.
- Gerasimov, S. A. - Ways of raising the capital yield in foundry production. p. 13.
- Kolesnikov, G. I., Zinov, M. I., Loshakov, S. A. - Using panel lenses in foundry production. p. 15.
- Gershteyn, A. I. - Strength of mold-trier stages in tilting and assembling mechanisms. p. 19.
- Martynovskiy, L. M., Plesnitsky, V. G. - Equipment for determining plastic properties of molding sands. p. 21.
- Garyshvskiy, L. M., Krasnoshchikov, R. L. - Some features of the pattern design of models pressed under high pressure. p. 23.
- Sidorov, V. I. - Advantages and losses of the automation of properties of large materials. p. 26.
- Ostrovskiy, A. V., and others. - On fluid phosphorus to be used in synthetic cast iron. p. 29.
- Hakkin, G. N., Ginzburg, A. F., Mozhayev, M. V. - Physicochemical properties of cast iron with rare-earth metal additives. p. 32.
- Petrov, K. P., Lev, I. E., Repin, A. K. - Influence of sulfur and manganese on the graphitizing of white cast iron. p. 46.
- Kladkovskiy, I. M., Krut'ko, V. M. - Graphitizing of Fe-C alloys in annealing. p. 48.
- Korotkiy, O. A., Gerasimov, B. B. - Influence of the strain rate on the packing of molding sand. p. 46.
- Alekseyev, M. I., and others. - On the occasion of his 60th birthday. p. 42.
- Vladimirovskiy, S. A., and others. - On the occasion of his 60th birthday. p. 42.
- Anatoliy Vladimirovich Zakharenko, obituary. p. 43.

MASHINY I NEFTNANOE OBOURODOVANIE [MACHINERY AND PETROLEUM EQUIPMENT]. Issued by Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii, upravleniya i ekonomiki neftepromyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 3, 1968.

- Table of contents translated:
- Sakharov, G. G., Molok, I. U. M. - SM-4 cement - active machine. p. 3.
- Zaretskiy, I. V., and others. - "AzNoburnell" UKZ-156 hydraulic cylinder oil control package. p. 4.
- Petrov, I. G., Pastushenko, G. I. - Study of the performance of piston in a hydraulic-packer automatic unit. p. 6.
- Pozharov, G. M., Latyshev, V. M. - Effect of cyclic loads on the endurance of packages made of elastic material. p. 9.
- Blazhevich, A. A., Latyshev, M. Z., Tishchenko, V. E. - Establishing means for the expenditure of agents in well drilling. p. 11.
- Volkovskiy, I. I. - Experience in exploiting diesel engines of drilling rigs. p. 13.
- Chirkin, L. I. - Calculating the life of rod strings. p. 17.
- Stoyantskiy, L. I., Nekrasov, A. M. - Study of axial dynamic load in drilling with resort bits. p. 20.
- Gerasimov, A. A. - Simple telemetering call device with low conductors. p. 24.
- Klontovskiy, R. P. - Manometer relay for the PD-3M-type sampler. p. 27.
- Al'terberg, V. S., Danilovskiy, S. M. - Experience in using electric ballers in supplying slugs for drilling rigs. p. 29.
- Stal'ga, V. G. - Lubricating gas. p. 31.

No. 4, 1968.

- Table of contents translated:
- Karapetov, G. B., and others. - Plant tests of the 10-800RE drilling rig. p. 3.
- Khasanov, A. N., Zaitsev, I. U. V., Lukin, V. Sh. - Performance of sealing elements of packers in the simultaneous-separate exploitation of layers in a well. p. 7.
- Moiseyev, I. I., Sataev, I. I. - Recuperative-dynamic braking of the speed of the runs of drilling strings and casing with aid of the acoustic drive of a rig draw works. p. 11.
- Korovin, A. M. - Running the tools with the aid of the hydraulic drive of a draw works. p. 18.

- Arkhangel'skiy, V. I., 1918, M. A. - Efficiency of tackle systems of modern. p. 22.
- Antony, A. A., Kuznetsov, B. D. - Further of the design of pneumatic tie coupling. Chernavskiy, A. A. - Device for emergency zation and telemetering calls. p. 28.
- Gerasimov, I. O. - Terminal encoder. p. 29.

METALLOVEDENIE I THERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT].

- Organ of Gosudarstvennyy komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR and Tsentrallyy Nauchno-issledovatel'skiy institut mashinostroyeniya i promyshlennosti [State Committee for Machinery Manufacture, All-Union Planning Commission of the U.S.S.R., and Administration of the Scientific Technology of the Machinery Industry]. Moscow, no. 12, Dec. 1967. Table of contents translated:
- Loshakov, L. P., and others. - Recovery of aged commercial titanium alloys. p. 10.
- Molisev, V. N. - Properties and heat treatment of Ti-Mn-Al alloys. p. 10.
- Korovin, V. P., Solov'ov, O. P., Zakharenko, Z. D. - Structure and properties of titanium alloys. p. 13.
- Gibson, L. A., Felgin, L. M. - Nature of strength reduction in titanium alloys as a function of grain size. p. 16.
- Fridlander, I. N., and others. - Investigation of chemical composition and structure of joints in Al-Zn-Mg alloys. p. 20.
- Kozlovskiy, V. D., Kasyukova, R. V. - Effect of titanium on the structure and mechanical properties of extruded D16 alloys. p. 27.
- Pobladov, M. V., Yankovskiy, E. I. - Effect of high-temperature thermomechanical treatment on the mechanical properties of titanium alloys. p. 27.
- Il'mennikov, G. M., Miller, P. - Increasing the strength during the thermomechanical treatment. p. 30.
- Kemalov, V. I. - Failure of titanium alloys subjected to thermomechanical treatment. p. 31.
- Danilov, V. N., Emakov, V. V. - Effect of thermomechanical treatment on the structural properties of 40KhNMA and 30KhNMA steels. p. 40.
- Sidorov, M. Kh., Kabanov, G. I. - Effect of temperature of hardening on the structure and properties of the V15 alloys. p. 44.
- Dubov, M. F., Vashnev, V. B., Korovin, V. I. - Effect of bismuth on aging and mechanical properties of alloys in the system Al - Cu. p. 50.
- Fishkin, I. M. - Kinetics of the decrease in residual austenite during the heat treatment of the "Spiral Steel" alloy. p. 53.
- Pozharov, G. M., and others. - New steel alloys and hardening. p. 54.
- Vinograd, N. A., Shubayev, A. A. - Effect of aging on diffusion processes and properties of aluminum-copper alloys. p. 55.
- Rubin, N. V., and others. - Mechanical properties of cast blocks of OKZ3H28M3931 steel. p. 57.
- Shavrin, I. I. - Effect of high-temperature mechanical treatment from radiation on the properties of spring steel. p. 59.
- Zakharov, A. I., Gerasimov, V. I., Mikhailukov, V. D. - Effect of the speed of cooling on the properties and microstructure of low-carbon steel in coils. p. 61.
- Brilovskiy, A. I., Ivanovskiy, R. A. - Cold-annealing hard-faced tools. p. 63.
- Shavrin, I. I., Lapshin, N. N., Rapoport, S. M. - Making use of forging heat for the properties of high-speed steels. p. 64.
- Parkhatov, P. A., Lukin, M. Z. - Effect of bismuth on the structure and properties of aluminum. p. 66.
- Gavrilov, M. F., and others. - Thermal treatment of G13 steel with bismuth. p. 68.
- Chelidzev, G. M. - Effect of phosphorus on the structure and mechanical properties of steel. p. 70.
- Timofeeva, Z. A., Petrova, T. G. - Effect of deformation and heat treatment on the thermomechanical properties of aluminum. Surface hardening of metals by the "Alum" process. p. 73.

No. 5, May 1968.

- Table of contents translated:
- Gulovin, A. F. - One hundredth anniversary of D. K. Chernov's discovery of polycrystalline materials in steel, 1898-1968. p. 2.
- Gorbatov, I. V. - Origin of symbols for points of steel. p. 9.
- History of the development of iron-carbon alloys. p. 11.
- Adlerkas-Cornova, A. - Recrystallization of Chernov. p. 10.

- Fridgander, E. G., Sakhina, I. A., Egorshina, T. V. - Structural transformations in K121N5 steel during tempering, p. 22.
- Selsteyn, T. V., and others. - Influence of silicon on the phase composition of the K121N5 alloy, p. 26.
- Sokol, I. A., Frid, I. A., L. - Decomposition of delta ferrite during the tempering of OKh19N9F2S2 and OKh22N1M2BT (F789) steels, p. 30.
- Egorshina, T. V., Mal'nev, V. S., Maslennikov, S. B. - The nature of the excess phase in ferrite-austenite stainless steels with titanium, p. 35.
- Nakonechny, N. F., Efremov, V. A. - Characteristics of the crystallization and structure of austenite in ferrite steels, p. 37.
- Kozlov, K. P., Lee, I. E., Repin, A. K. - Influence of titanium on the graphitization of white cast iron, p. 41.
- Lisenskiy, A. I., Bobal, G. E., Lev, I. L. - Characteristics of the eutectoid transformation in cast iron enriched with rare earth metals, p. 43.
- Vologosheva, M. V., Litovka, V. I., Zolotarev, D. G. - Influence of the hot metal alloying and heat treatment on the mechanical properties of cast iron with spherulitic graphite, p. 50.
- Zlakov, A. A. - Microalloying of silicon in magnesium cast iron, p. 54.
- Getman, A. A., Sumpov, S. E. - Macro- and microhardness of high surface layers made of high-grade cast iron, p. 56.
- Vologosheva, M. V., Litovka, V. I., Stanek, D. I. - Influence of the heat treatment on the wear resistance of manganese cast iron, p. 59.
- Sergeev, V. V., and others. - Influence of a magnetic field on the properties of IUNDK35 alloy during the thermomagnetic treatment, p. 62.
- Uchinsky, I. A., and others. - Investigating the microheterogeneity of silicon iron, p. 66.
- Kashkova, G. N., Shirova, G. N. - Temperature stability of Young's modulus in medium-based alloys, p. 70.
- Paranikov, V. N., Vishniakov, I. A., Umanskiy, I. A. S. - Textures of the rolling and recrystallization of nickel-cobalt alloys, p. 73.
- Uchina, D. I., and others. - Evaluating the efficiency of heating calorizing processes in machine building, p. 75.
- Prizman, N. I. - Arsenic radiation from manganese alloys, p. 78.
- METALLURG (METALLURGIST)**. Issued by Gosmetallurgicheskiy komitet pri Sovetskoye metallurgicheskoye gospland SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 13, no. 4, Apr. 1968.
- Table of contents translated:
- Byalov, S. N. - Today and tomorrow in the Chelyabinsk Metallurgical Plant, p. 1.
- Kozlov, V. - Graphite twenty-fifth anniversary, p. 4.
- Enginov, V. I., Salimov, S. M. - Optimum and maximum size of burden materials, p. 6.
- Gladyshev, V. K., Peshkarskiy, I. I., Taisienko, I. A. - Operating characteristics of blast furnaces in the smelting of vanadium cast iron, p. 9.
- Isaichev, B. F., and others. - Increasing the durability of charging equipment, p. 12.
- Turbal, V. - From laborer to head of the smelter, p. 16.
- Baptizimanskiy, V. I., and others. - Experience in alloying G12 steel in the ladle, p. 17.
- Privalov, N. T., and others. - Quality of sections from electric slag metal, p. 19.
- Kuznetsov, L. K., and others. - Charging equipment for synthetic slag furnaces, p. 20.
- Klinterov, A. P., Belonov, I. M., Skonkin, V. V. - Improving the operation of open-hearth furnace regenerators, p. 22.
- Zinarov, I. I., and others. - New design of mounds, p. 25.
- Baskovitch, G., Borodnikov, S. - The recovered height, p. 26.
- Fadlovskiy, B. G. - New specialization of rolling mills in the U.S.S.R., p. 28.
- Antishchenko, M. S., Tsolator, V. I. - Modernization of light section mills, p. 30.
- Aleksandrov, G. G., Mamnlov, N. A., Frolorov, V. V. - Mechanized line for continuous grinding of round billets, p. 33.
- Naisko, S. - Path toward creativity, p. 36.
- Saitov, I. U. - The operator, p. 36.
- Doring, V. G. - Equipment for hardening chain links of pouring machines, p. 38.
- Stabilization of dicalcium silicate in the smelting process, p. 41.
- Sonik, I. P., and others. - Experimental smelting of conversion cast iron of an improved quality in fluxite-containing slags, p. 5.
- Kurenev, L. P., Vashkova, Z. I. - Desulfuration of cast iron in the ladle, p. 8.
- Karamazov, V. I. - Improving the quality and reducing the cost of metal at plants of the Ukrainian Ministry of Ferrous Metallurgy, p. 11.
- Baptizimanskiy, V. I., and others. - Ways of improving the quality of pipe steel, p. 15.
- Pelushay, B. G., and others. - Adapting the technology of desulfurizing and alloying open-hearth steels at metallurgical plants of the Ukraine, p. 19.
- Smolarenko, I. A., Borodulin, A. I., Garchenko, V. T. - Billet pouring and top casting of steel, p. 23.
- Zakharov, A. E., and others. - Heat treatment with equipment for rapid cooling of strip steel rolled stock using the TFCO continuous mill, p. 28.
- Gambel'nikov, V. A., and others. - Modernization of grooves for cold roll-forming mills, p. 31.
- Bolshakov, S. A., Borisov, S. I., Bartchenko, G. S. - Pipe rolling on Pilger mills with a higher polluting coefficient, p. 33.
- Milutin, A. A., and others. - New technology of manufacturing guide rolls for piercing mills using pipe rolling equipment with Pilger mills, p. 38.
- Vitova, V. P., Bakshi, V. P., Antonova, I. V. - Influence of the sizing and glass wooler viscosity on the pressing of stainless steels, p. 39.
- Baba, N. I., and others. - Thermal hardening of oxygen-blown ferroalloy steel, p. 42.
- Uchinsky, I. A., and others. - Influence of the amount of carbon black in the flame of an open-hearth furnace on the stability of slag foam and oxidizing capacity of the furnace, p. 46.
- Averin, S. I., and others. - Intensifying the pull of open-hearth furnaces, p. 50.
- Shalashkin, V. B., Dyulev, M. I. - Measuring flows of heat at high temperatures, p. 53.
- Lagylev, L. A., Stupak, S. I. - Influence of boundary mills on the quality of castings from G13H steel, p. 54.
- Schiller, R. P., Besedovskiy, V. V., Belygin, P. I. U. - Increasing the service life of steel-stand pipes, p. 56.
- Antenov, G. I., and others. - Testing new types of refractories in the rods of high-capacity open-hearth furnaces, p. 59.
- Dumarec, D. S., Kuznetsov, D. S., Kilets, V. L. - Physicochemical properties of IUGOK iron ores, p. 62.
- Lachinikov, V. F., and others. - Vertical orientation of blocks in mining deeply plying deposits, p. 65.
- Vodkovskiy, S. A., Sakito, I. G., Zolotarev, M. M. - Radio wave transmitters for rock level control, p. 68.
- Furmanova, G. F. - Ways of reducing industrial consumption in mining and ore-dressing industries, p. 69.
- Chapman, S. B., and others. - Strength of parts and the protection of the main lines of rolling mills, p. 70.
- Treshin, A. V., and others. - Determining reserves of strength in mechanisms for moving hot crucibles, p. 75.
- Pudil'kov, K. D., Zaitsev, Kh. P., Domarenko, I. I. - A method of compiling technological graphs relative to repairs of mechanical equipment, p. 77.
- Aleksandrova, V. P., Zagarskaya, T. P. - Determining the technological level of the development of ferrous metallurgy enterprises, p. 80.
- Kruglikov, L. S., Bragis, V. P., Ivanova, I. P. - Improving the planning in the better repair and forging departments of a machinery shop, p. 83.
- Teiriko, V. T., Makukhin, R. V. - Operation of the 300-ton rolling tandem mill, p. 86.
- Luliy, A. L. - Economic advantages of improving the quality of iron ores in the Krivoy Rog basin, p. 87.
- Zimakov, A. G., and others. - Ways of increasing labor productivity and of reducing the cost of ores, p. 89.
- Gatshin, V. L. - Making better use of electric motors in metallurgical plants, p. 91.
- Latkov, A. I. - Creative plans of engineers and innovators, p. 93.
- Shengur, R. G., Anatolskiy, P. D. - Steelmaker's Day, p. 95.
- MOSCOW INSTITUTE OF PETROCHEMICAL AND GAS INDUSTRY (PROMYSHLENNOSTI)**. Truly INSTITUTE OF THE PETROCHEMICAL AND GAS INDUSTRY. Transacting, No. 68, 1967. Field geophysics.
- Table of contents translated:
- Riabitskiy, I. A., Rapoport, M. B., Serdobolskiy, L. A. - Seismic prospecting in platform regions using the controlled directional reception method, p. 3.
- Znamenskiy, V. V., Kholoditskiy, M. O. - New possibilities in the study of interference zones in the Caspian Depression using the controlled directional reception method, p. 16.
- Rapoport, M. B., Rapoport, L. I., Kats, S. A. - Summation of wave pulses in the case of the dispersion of velocity, p. 20.
- Serdobolskiy, L. A. - Accuracy in the determination of wave parameters using the controlled directional reception method, p. 42.
- Enslavov, L. A., Serdobolskiy, L. A. - Controlling the accuracy of the construction of reflecting boundaries using the controlled directional reception method, p. 46.
- Rapoport, M. B., Serdobolskiy, L. A., Turskaya, I. A. - Interpretation of materials of the controlled directional reception method by diagrams, p. 49.
- Serdobolskiy, L. A., Sakharov, A. F. - Technology of the summation of seismic lines using the PFS-2 summator, p. 62.
- Serdobolskiy, L. A. - Frequency filtration in the summation of seismic signals using the controlled directional reception method, p. 70.
- Serdobolskiy, L. A., Kharlanova, A. A., Kharlanov, A. F. - Using the controlled directional reception method for filtering producing horizontal interference in the Timan-Pechora region, p. 75.
- Dolcev, T. B., and others. - Methodology and general efficiency of the seismic method of controlled directional reception in prospecting for oil and gas structures in northern Bulgaria, p. 85.
- Tarkov, G. D. - Determination of the depth of the occurrence of a high-resistance horizon according to the conditions of the minimum of magnetotelluric sounding (MTZ), p. 97.
- Daydov, V. M. - Left branches of field curves of the formation of a field, p. 99.
- Daydov, V. M. - Obtaining field curves of frequency sounding using the method of transformation, p. 104.
- Daydov, V. M. - Formulas of the magnetic field in a horizontal nonuniform layer, p. 110.
- Daydov, V. M., Chistilova, I. A. - Dependence of distortions of curves of electromagnetic sounding in the depth of the occurrence of the screen, p. 130.
- Daydov, V. M., Shcheprikova, T. A. - Using spectral analysis for obtaining curves of magnetotelluric sounding, p. 134.
- Vorlanov, N. M. - Use of electric prospecting in searching for fresh waters in the lower Amur-Barya Valley, p. 139.
- Glukhik, K. V., Serkerov, S. A. - Selection of an efficient quantity of reading points in transformations of gravity and magnetic anomalies, p. 145.
- Glukhik, K. V., Serkerov, S. A. - Determination of some statistical characteristics of anomalous, gravitational and magnetic fields, p. 151.
- Glukhik, K. V., Serkerov, S. A. - Testing of an optimum filter on model fields, p. 158.
- Solntsev, A. A. - Joint use of geophysical and geologic data in the division of sedimentary deposits, p. 170.
- Fig. 22, 1967. Monomers and intermediate products of petrochemical synthesis.
- Table of contents translated:
- Adel'son, S. V., Nikonova, M. M., Vansovskaya, M. - Dehydrogenation of propylene in the presence of iodine and oxygen, p. 5.
- Adel'son, S. V., Nikonova, M. M. - Some characteristics of the dehydrogenation of isopentane in the presence of iodine and solid acceptors, p. 9.
- Pashkikh, I. A., Adel'son, S. V., Aprakhin, I. - Effect of hydroxides of alkali metals on the cracking and dehydrogenation of isopentane on activated carbon, p. 13.
- Adel'son, S. V., Glagolevskiy, I. A., Pashkikh, I. A. - Effect of hydroxides of alkali metals on the cracking and dehydrogenation of isopentane on activated carbon, p. 19.
- Pashkikh, I. A., and others. - Obtaining monomers by the cyclodehydration of dienes, p. 23.
- Kolesnikov, I. M., Miralov, I. G., Pashkikh, I. A. - Alkylation of isopentane by propylene on an aluminum silicate promoted by boron fluoride. Kinetic equations, p. 28.
- Kolesnikov, I. M., and others. - Effect of the temperature of calculation on the activity of silicic acid during the polymerization of isobutylene, p. 33.
- Pashkikh, I. A., Zhurov, H. M., Salimov, A. P. - Kinetics of the reaction of decomposition of indane on a nickel catalyst, p. 37.
- Pashkikh, I. A., and others. - Alkylation of mannanose cyclopentanediylmethyl by allyl bromide and allyl alcohol, p. 42.
- Pashkikh, I. A., and others. - Synthesis of chelate compounds on the basis of β -diketones of ferrocene and mannanose cyclopentanediylmethyl, p. 46.
- Vishniakova, T. P., and others. - Interaction of benzoyl- and 1,1'-dibenzoylferrocene with acetylene in the presence of sodium amide in liquid ammonia, p. 68.
- Golubova, I. A., Vishniakova, T. P., Milutin, N. N. - Synthesis of ferrocenecarboxylic acids and their derivatives, p. 61.
- Mir'inskaya, N. A., Vishniakova, T. P., Kurlitz, A. A. - Using the method of thin-layer chromatography for the separation of ferrocene derivatives, p. 67.
- METALLURGICHESKAIA I GORNORUDNAJA PROMYSHLENNOST' (METALLURGICAL, MINING, AND ORE-DRESSING INDUSTRIES)**. Issued by Institut tekhnicheskoy informatsii Gosudarstvennogo komiteta Sovetskoye Ukrainskoy SSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, no. 2(50), Mar.-Apr. 1968.
- Table of contents translated:
- Rustemovskiy, A. V., Kharin, N. I., Gulin, P. I. -

Isagulyants, V. I., Trofimov, V. A., Kestanova, Z. D. - Synthesis of dialkyl ester of the dihydroxy acid, p. 70.
 Fedorova, R. I., Kustanajch, Z. D., Isagulyants, V. I. - Synthesis of dialkyl-substituted methyl salicylates, p. 72.
 Isagulyants, V. I., Berova, H. S. - Synthesis of substituted malic acids on the basis of polyethylene polyamides and carboxylic acids, p. 76.
 Alantia, V. P., Sokolov, N. A., Golubev, V. A. - Synthesis and some properties of 2-nitro-2,3-bisulfone, p. 80.
 Sverdlovskiy, G. A., Shtisova, N. I. - Synthesis of caposulfonol-1, a polycondensing polyamide compound, p. 83.
 Sverdlovskiy, G. A., Kuchynka, A. P. - Synthesis of monomeric derivatives of silicon-containing carboxylic acids, p. 87.
 Krut'kovskiy, A. P., Sverdlovskiy, G. A. - Synthesis of amide of 4,4,6,6-tetraethyl-1,6-bis(1,5-oxazinan-2,9-carboxylic acid), p. 90.
 Isagulyants, V. I., Pribludnitskiy, N. V., Gavrish, G. N. - Alkylation of α , ω , and ω -carboxylic acids in the presence of the KU-2 cation-exchange resin, p. 101.
 Menekhin, N. S., and others. - Synthetic detergents on the basis of naphthoic acids, p. 101.
 Krayev, I. F., and others. - Synthesis of antibiotic additives based on the products of petroleum refining and petrodensity, p. 107.
 Isagulyants, V. I., Melnikov, V. I. - Condensation of chlorinated-substituted alcohols with paraformaldehyde in the presence of KU-2 resin, p. 110.
 Isagulyants, V. I., Khabazova, F. G. - Studying the reduction of dione hydrocarbons with formaldehyde in the presence of the KU-2 cation-exchange resin, p. 116.
 Isagulyants, V. I., Krasnaya, S. V. - Studying the reaction of cyclohexene with formaldehyde in the presence of the KU-2 resin, p. 122.
 Isagulyants, V. I., Lysina, V. A. - Synthesis of some amino acids based on molecular sieves of boron trifluoride with alkylated phenols, p. 126.

MOSCOW. VSESOIYUZNI NAUCHNO-ISSLEDovATELSKIY INSTITUT MINERAL'NOGO SYRYA (All-Union Scientific Research Institute of Mineral Resources. Department of Scientific and Technical Information. Bulletin of Scientific and Technical Information). No. 1411, 1968.

Table of contents translated:
 Terent'ev, R. V., Terent'ev, R. V., Galko, M. K. - Qualitative evaluation of sulfur and sulfur-based metallogenetic survey in the Eastern Sayan Mountains, p. 3.
 Zella, F. H. - Accuracy in testing horizontal boreholes as revealed by a study of operations in the Tashkent mine, p. 6.
 Kozlovskiy, A. D. - Testing of underground mines and oilfields in the mine carried after S. M. Kirov, p. 13.
 Sainin, B. P., Chumachenko, N. - Development of the methodology of the exploration sampling in the Sverdlovsk deposit, p. 16.
 Zaitsev, L. F. - Sampling in mining-exploration operations in the mines of the Kirov-Hug Basin, p. 16.
 Fleming, H. W. - Using geophysical and geophysical methods in prospecting in the Murray deposit, New Brunswick, p. 22.
 Parov, V. A. - Hydrogeological service of mines, as revealed by a study of the practice of operations made in the "Apul" combine, p. 27.
 Vasil'ev, A. V. - Results of comparative testing of core filters of different construction, p. 30.
 Anisimovskiy, P. A., Flacimay, N. B. - New material for preparing water filters for wells, p. 35.
 Medvedevskiy, E. A., Gracheva, N. P. - Use of the GHI-2 gradient meter in gravity works in mines of the Lomondov deposit in the Central Ural, p. 30.
 Azhul, Sh. A., Gortatov, N. N., Lavshin, A. L. - Use of single-channel automatic unit for the determination of the level of under-ground waters, p. 30.
 Igoshin, B. I. - Trends and results of prospecting and geophysical works in the Blyava copper ore region, p. 43.
 Menaker, G. I. - Chart for the calculation of corrections for relief in gravimetric observations, p. 49.
 Pickell, J. J., Hancock, J. G. - Density logging, p. 52.
 Piskovskiy, D. L. - Efficiency of a rock-crushing instrument in core drilling with a hard-alloy bit with free feeding, p. 51.
 Babin, I. I., Tashchuk, L. A. - Industrial testing of drilling pipes strengthened with high-frequency currents, p. 65.
 Pavlovskiy, V. I., Ostrovskiy, H. I. - Development of the technology of the production of cast steel drilling shafts, p. 69.
 Kurkin, I. M. - New method of lowering and hoisting operations, p. 74.

Spir, N. S., Danilevskiy, A. I. - Methodology of the quantitative determination of the hydrocarbonaceous rocks by the electric conductivity of their electrical resistivity, p. 88.
 Shashkin, G. I. - Methodology of the calculation of pressure inside the primary inclusions in minerals, p. 91.
 Gelfand, A. M. - New MPS-1 stereoscopic microscope, p. 93.
 Sreshtan, G. I., and others. - New automatic device for the study of minerals by the method of crackling for purposes of determining the intervals of temperatures, p. 95.
 Anisimov, N. S. - New MPS-22 respirator, p. 99.
 Zlobin, A. M. - New distillers and centrifuges with cover, p. 100.
 Izobash, A. N. - Mechanical distributor of air for an immersed pneumatic pump for drilling wells, p. 99.
 Loshin, K. - Mechanical pipe filter with a drive from the motor of a drilling rig, p. 99.
 Fedchenko, V. P. - Device for the periodical control of the discharge of flushing liquid, p. 99.
 Karachev, A. S. - Universal dog-guard-switch-over unit for core barrels, p. 99.
 Korotkiy, P. K. - Key for diamond bits, p. 97.
 TShekely, I. M. - All-Union interdepartmental conference on problems of the theory and practice of geology, p. 99.
 Kozlovskiy, B. N. - State of natural gas in capitalist countries, p. 102.
 Nakhod, V. - State of nickel in capitalist countries, p. 107.
 Rozov, H. S. - Economics of secondary industry in the U.S.S.R., p. 107.
 Melnikov, L. F. - Market of aluminum in capitalist countries, p. 112.
 Prospecting for oil in Alaska, p. 115.

NEFTNAYA PROMyshLENNOST' (PETROLEUM PRODUCTION AND PETROLEUM CHEMISTRY). Issued by TSentrallyy Nauchno-Issledovatel'skiy Institut neftnoy khimicheskoy promyshlennosti (Central Scientific Research Institute for Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry), Moscow, No. 4, 1968.

Table of contents translated:
 Bogal, E. A., and others. - Solvent removal from the diesel fraction of sour petroleum on a bifunctional catalyst, p. 1.
 Stokov, I. G., and others. - Obtaining petroleum coke from the residual products of the Shtrav petroleum, p. 5.
 Fedorenko, I. V., Rudenskiy, A. V. - Examining detector properties of viscous petroleum fluid asphalt, p. 7.
 Karpov, N. F. - Improving the method for determining the paraffin content of natural oil additives, p. 10.
 Katsenishvili, I. A. I., Minkova, A. V., Gracheva, N. S. - Effect of the polyethylene oxide cation on the hydrogenation properties of aluminum-molybdenum catalysts, p. 11.
 Vol'-Epstein, A. B., and others. - Use of the phenolic resin from the production of diacylhydrazine for obtaining monogenic surface-active agents, p. 15.
 Rozov, H. S., and others. - More exact representation of the optimum conditions for the industrial process of vapor-phase hydration of ethylene, p. 17.
 Ginzburg, R. E., and others. - Production of isobutene acetone, p. 21.
 Krut'kov, A. A., and others. - Obtaining sulfur-free naphthalene from petroleum slack, p. 23.
 Aliev, A. M., Alkhisht-zade, G. O., Mamedov, M. A. - Separation of vinyl chloride from a mixture obtained in the high-temperature chlorination of ethylene in a quartz-sand fluid bed, p. 26.
 Lobanov, G. A., Golod, L. P. - Determining the composition of an inert gas by a gas chromatography method, p. 28.
 Volkova, O. B., Fedoseeva, N. S. - Prospects for the production and use of alkylsilicates, p. 31.
 Mitroshin, P. N., and others. - Methods for substituting natural fatty acids with synthetic ones, p. 33.
 Meshonko, D. V., and others. - Obtaining higher aliphatic alcohols by the hydrogenation of decyl oxidized paraffin, p. 35.
 Khishmakhov, M. Kh. - Collecting waste water from pump gaskets, p. 38.
 Depressants for distillate boiler oils, p. 38.

No. 5, 1968.

Table of contents translated:
 Detnko, P. S., and others. - Experience in the completion of the I-A-type catalytic cracking unit in refining heavy sulfur-bearing gas oil, p. 1.
 Bogal, E. A., and others. - Hydrorefining of a sour diesel fraction on an iron-aluminum-sulfate catalyst under industrial conditions, p. 6.
 Astashev, G. I., Trop, V. G., Tolstyn, A. A. - Monoethanolamine refining of gasoline obtained by the hydrofining of diesel fuels, p. 11.

Sverdlovskiy, M. N., and others. - Alkylating gasolines in an alcohol-liquid hydrofining system, p. 11.
 Sverdlovskiy, M. N., Koshakov, V. N. - A new method of alkylating sulfur acids in the production of alcohols, p. 11.
 Sverdlovskiy, M. N., Oshchikova, A. P. - New hydrofining of the Volgograd Province, p. 11.
 Chervikov, A. L., Vashchenko, V. D., Koshakov, V. N. - Experience in the completion of a delayed-coking unit, p. 20.
 Gurev, A. A., and others. - Evaluating the process of alkylating additives in gasoline, p. 27.
 Baidakov, R. L., Makhina, T. N. - Pyrolysis in reactors of various sizes, p. 27.
 Baidakov, R. L., and others. - Technology of using oxygen-containing polyfunctional compounds in liquid paraffinic hydrocarbons, p. 27.
 Rozov, H. S., and others. - Kinetics of the phase hydration of ethylene in an isobutene system, p. 33.
 Loktev, S. M., Danilevskiy, A. I., Nakhod, V. A., and others. - Regeneration of catalyst in the synthesis of alcohols from converted natural gas, p. 33.
 Sokolov, A. G., Sokolov, A. V. - Determination of the concentration of ethyl alcohol on gas absorption in the near infrared range of spectrum, p. 39.
 Levashin, V. A., Gullin, D. N. - Determination of the solubility of phenol in water, p. 42.
 Gurevskiy, S. P. - Pyrolysis of gasoline hydrocarbons, p. 43.
 Gurev, V. K., Gurevskiy, E. A., Gurev, E. A. - Diagram for the automatic regulation of exothermic flows in a unit for thermal refining of oil, p. 43.
 Petroleum Refining Industry of Canada, p. 43.

NEFTNAYA PROMyshLENNOST' DELO (PETROLEUM PRODUCTION AND PETROLEUM CHEMISTRY). Issued by TSentrallyy Nauchno-Issledovatel'skiy Institut neftnoy khimicheskoy promyshlennosti (Central Scientific Research Institute for Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry), Moscow, No. 4, 1968.

Table of contents translated:
 Lazhevskiy, E. I., Eshchenko, O. A. - Hydraulic injection in the Mirov field, p. 3.
 Simkachev, Z. I., Simkachev, V. Z. - Changes in the productivity of flooding as exemplified by the Mirov field, p. 5.
 Zaitsev, H. V. - Effectiveness of hydraulic fracturing on the character of changes in the bottom zone, p. 11.
 Usupov, I. G., and others. - Perforation of pipes, p. 11.
 Sidorovskiy, V. A. - Density of perforation of wells in Western Siberia, p. 13.
 Mironov, A. Z. - Industrial tests of drilling petroleum of the Lakkmeiyeva field and conditions, p. 20.
 Zolotarev, V. P., Vinogradov, H. I. - Detailed measurement of well yields, p. 26.
 Vinogradov, H. I., Kishlov, I. A. - Measuring the yield and flow of petroleum in well systems, p. 28.
 Pechenkin, N. I., Oshchikova, A. P. - Corrosion of steel in hydrocarbon acids, p. 33.

NEFTNAYA PROMyshLENNOST' (THE PETROLEUM WORKER). Issued by the Ministry of Petroleum Production of the U.S.S.R. (Ministry of Petroleum Production of the U.S.S.R.), and others, Moscow, vol. 12, No. 1, Oct. 1967.

Table of contents translated:
 Babayev, N. K. - Petroleum and gas industry in the U.S.S.R. during the last fifty years, p. 1.
 Karayev, A. - In the family of new petroleum workers, p. 10.
 Malakhov, A. - Achievements of Tatar petroleum workers, p. 14.
 Garibay, M. - Petroleum workers compete with miners, p. 16.
 Ershov, G. - Malgobek, a land of abundant oil, p. 16.
 Podgorov, M. - Siberian petroleum: Siberian workers, p. 22.
 Sverdlov, N. - Results which gladden one's eyes, p. 28.
 Kishchikov, N. - Storming the Mungyshik oil field, p. 30.
 Sidorov, A. - They kept their word, p. 32.
 Sharipov, V. - Visiting the brigade of Akhmetov, p. 34.
 Berezov, K., Ginzburgskiy, G. - Petr Kulestov in the year of the Great October, p. 38.
 Sheshtakov, H. - He is of the generation of miners, p. 37.
 Delin, G. - Solmaz, first Soviet oil field, p. 39.

NEFTNAYA PROMyshLENNOST' (PETROLEUM INDUSTRY). Organ of Gosudarstvennyy nauchno-issledovatel'skiy institut neftnoy khimicheskoy promyshlennosti pri Gosplene SSSR (State Scientific Research Institute for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R.), and others, Moscow, vol. 36, No. 6, June 1968.

Table of contents translated:
 Slavin, V. D. - Results of the year 1967 and 1968, p. 1.

- Objectives of the workers of the petroleum production industry. p. 1.
- Strakos, G. M., Senigim, F. E. - Calculating the strength of drilling strings in rotary drilling taking into account reversed stresses. p. 9.
- Burshal, G. S., Apostol'ski, P. N. - Possibility of lowering vibrations of pressure in a well during bit changes. p. 13.
- Valdner, L. A. - Effect of the weight of a toolbit on the angle of placement of a tool adapter. p. 17.
- Kuz'min, V. I. - Accuracy of methods for calculating coordinates of borehole points of a cased well. p. 20.
- Korotkiy, E. P. - Mathematical formula for the torque in a steel pipe joints to light alloy drill pipes. p. 25.
- Golitsyn, M. N., Khaidullin, I. A. M. - Problems of an oil logging well testing operations. p. 20.
- Ragimov, K. G., Linkasht, A. A., Rullo, V. I. A. - Experimental studies of the effect of calcium salts on the quality of drilling mud on oil formation. p. 32.
- Lebedevs, N. P., Slonitsa, I. A. Kh., Sorochinskaya, A. V. - Characteristics of fluid flow in fractured rocks. p. 35.
- Dmitriyev, K. M., Bulatov, V. T. - Processing indicator lines of wells in a fractured reservoir. p. 34.
- Mezhnikov, M. A., and others. - Some technological problems of hydrodynamic studies of deep pumping wells. p. 42.
- Kozlov, A. A., Rybakov, P. F. - Study of operating conditions of flowing wells. p. 45.
- Alievskiy, K. S., Keiger, A. M. - Solving some problems of the dynamics of sucker-rod deep-well pump units using electronic digital computers. p. 49.
- Pavlovskiy, I. V., and others. - Studying the stability of oilfield zinc coating in oil wells. p. 52.
- Abramov, S. L., and others. - Effect of perforation on the deformation of casing. p. 55.
- Hapov, G. P., Manizer, V. A. - Experimental study of turbulent divided flow of a gas-liquid mixture in a horizontal pipe. p. 58.
- Dmitriyev, K. M., Barchukov, K. E. - Calculating crude reserves in a petroleum refinery on the basis of reliability indices of the supply of petroleum pipeline. p. 62.
- Ozerov, V. A. - Sulfate soap, chemical aerator of drilling muds. p. 65.
- Aldinov, I. A., Tshutsadze, T. P. - Results of operations for stimulating petroleum production from the formations of the Shtrak series in the Mirzaid field. p. 66.
- Gusev, B. L. - Analyzing the density of well spacing in oil fields of the U.S.A. p. 68.
- OLIOGASICHENIE MUD (MUD DRESSING).** Issued by Vsesoyuznyi nauchno-issledovatel'skiy i inzhener'skiy mekhanicheskoy obrabotki polynozhnykh iskopaemiy (All-Union Scientific Research and Planning Institute for the Mechanical Processing of Minerals). Leningrad, vol. 13, no. 1(72), 1967.
- Table of contents translated:
- Abramov, A. A., Brumant, L. I. - Evaluation of sulfates from the results of leaching collective concentrations. p. 3.
- Kukharin, A. I. - Selective flotation of beryllium-containing marquette. p. 5.
- Bogdanov, D. S., Bondarenko, O. P. - Certain regularities of the flotation of manganese minerals. p. 6.
- Shirnikova, A. S., Tishchenko, E. I., Lin, A. P. - Prospects for the utilization of rational manganese ores. p. 11.
- Kotai, A. E., Tishchenko, A. I. - Washing and leaching chloride-containing iron ores. p. 15.
- Dmitriyev, I. A., Revutskiy, V. I. - Magnetic separation of vermiculite ores. p. 18.
- Akerman, M. L., Zvereva, T. V., Kazennov, M. N. - Relation between the crushing indices and the work index. p. 20.
- Kapashina, T. I., Kazennov, M. N., Proskolov, M. L. - Testing ore pebble grinding at the Olenegorsk plant. p. 24.
- Kurba, L. E. - Preparing samples of Olenegorsk concentrates without crushing. p. 28.
- Olevskiy, V. A. - Power consumption and the output of jaw and cone crushers for coarse crushing. p. 29.
- Boloshin, N. N., Gashchev, V. I. - Evaluating the operational reliability of the machine assembly of ore-crushing plants. p. 38.
- Bel'skiy, A. A. - Approximate method of calculating the magnetic field characteristics of a drum separator. p. 40.
- Kaplan'skiy, B. A., Timofeev, V. A., Tikhonov, O. N. - Determining the dynamic characteristics of the crushing-machine unit. p. 43.
- Mishler, M. N. - Industrial testing of new types of metal detectors. p. 48.
- Kurakova, G. M., Paramonov, M. A. - Blasting recovery during the complex treatment of rare metal ores. p. 52.
- Rudov, I. U. S., Kozhevnikov, A. O., Engel', R. I. - Using a weighing compound made of granulated ferrosilicon and pyrrhotite product. p. 64.
- Zhukovskiy, N. P., Petrov, A. S. - Determining the reliability of ores. p. 68.
- Bolzhukova, A. N. - Determining the effect of the potential as applicable to the flotation process. p. 59.
- Lisianskiy, M. G., Fedorov, M. F. - Local spectrum analysis of ore sections. p. 61.
- Lashin, V. P., Vaisberg, V. M. - Studying and adapting well-testing and problems grinding processes, from materials of a conference in Almaty. p. 61.
- PRIKLADNAYA GEOFIZIKA [APPLIED GEOPHYSICS].** Issued by Nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki (Scientific Research Institute of Geophysical Prospecting Methods). Moscow, no. 50, 1967.
- Table of contents translated:
- Korotkiy, E. P. - Correlation and noise resistance of methods of digital inverse filtration of seismic traces. p. 3.
- Nalimskiy, S. A. - A new method for subtracting regular waves in seismic prospecting. p. 23.
- Lovskiy, I. T. - Locating minor structures in the background commensurable with amplitudes in depth errors. p. 45.
- Kiselev, V. S. - Studying the accuracy of determining section parameters in the optimum interpretation of a single travel-time curve. p. 60.
- Averbach, A. G. - Equation of a travel-time curve of refracted waves. p. 77.
- Pashkov, M. K. - Transient phenomena in an amplifier having one section of a re-shaped high-pass filter and two sections of a re-shaped low-pass filter. p. 91.
- Shubovskiy, A. I. - Experimental studies of dynamics of the operation of an automatic gain control system in amplifiers of seismic stations. p. 96.
- Giluzo, L. P. - Effect of operating and release times of the automatic gain control on amplitude relations of seismic recordings. p. 114.
- Tikhov, A. N. - Experience in using air shots in seismic prospecting. p. 119.
- Oskobin, G. G. - Horizontal electric dipole field above a thin irregularities of a high-resistance floor. p. 124.
- Arachzhii, M. S., Vasil'ev, I. M., Milutech, V. S. - Plotting structural maps by the use of correlation analysis as exemplified by the Caspian Lowland. p. 133.
- Derzhavskiy, L. T., Veselov, K. E., Telepin, M. A. - Methods for allowing terrain effect in gravity field prospecting. p. 140.
- Bobov, I. V., and others. - Automated shipboard gravimeter. p. 150.
- Stroy, P. A., Semenov, L. P., Lugubskiy, A. P. - Results of offshore tests of shipboard gravimeters of the type MG-SZ-VNIIGeoizit. p. 163.
- Migunov, H. B. - Interim recording of the data of radioactive logging. p. 170.
- Zel'mov, N. S., Kelsan, Z. I. - Range of applicability of approximated curves for the interpolation of data of induction logging. p. 182.
- Kozlov, A. A. - Increasing the effectiveness of the method of gamma-gamma logging. p. 189.
- Kamenev, S. P., Nizhnik, V. A. - Determining oil and gas potentials of sandy reservoirs on the basis of logging data. p. 199.
- No. 51, 1968.
- Table of contents translated:
- Seleznev, V. I. - Elements of the theory of accumulating regular seismic waves recorded by common reflection point horizontal data stacking techniques. p. 3.
- Tarasov, I. U. A. - Some theoretical and practice aspects of seismic prospecting when using the method of incident wave focusing. p. 17.
- Polashkov, M. K. - On the theory of transient phenomena in seismic amplifiers with high- and low-pass filters. p. 39.
- Kozlov, E. A. - Inverse filtration of reflection records. p. 45.
- Kiselev, V. S. - Determining the effective velocity from single and opposing time-distance graphs. p. 53.
- Volskiy, V. S., Vishniakov, E. P. - Correlation analysis of the seismic records of the "Zemlya" magnetic station. p. 61.
- Egorina, G. V. - Studying velocity parameters of a medium on the basis of materials obtained with the aid of the "Zemlya" station. p. 68.
- Tagal, E. D., Padurets, G. S. - Studying the deep structure of regions using later events on seismograms of regional correlation refraction studies. p. 80.
- Oskobin, G. G. - Field of a plane wave above a thin inhomogeneous conducting stratum lying on an ideally conducting base. p. 88.
- Dmitriyev, V. I. - Calculating a magnetotelluric field in a layer with an arbitrarily curved bottom in case of H-polarization. p. 93.
- Vikhorev, H. V., and others. - Using shipboard computers in processing data on physical properties of rocks. p. 101.
- Panteleev, V. L., Smirnov, L. P. - OMG optomechanical gravimeter. p. 115.
- Reznakov, R. A., Denisov, S. V., Lebedev, V. E. - Results of mathematical modeling of a problem of the three-space distribution of thermal neutrons in a two-layer medium with a cylindrical interface. p. 121.
- Manshuk, I. I., Tezhik, A., Dnestrova, V. - Principle of current control for multielectrode logging sondes. p. 145.
- Shchekin, V. B. - Accuracy and future prospects of intermediate analog magnetic recording of well-logging data. p. 156.
- Zuravlev, V. P. - Determining the resistivity of outside layers. p. 170.
- Frumkin, B. N. - Vibration resistance of mirror galvanometers installed in a well-logging oscillograph. p. 167.
- No. 52, 1968.
- Table of contents translated:
- Pashkov, M. K. - Transient processes in a seismic amplifier with two sections re-shaped high- and low-pass filters. p. 3.
- Mel'nik, V. I. - Evaluating the effectiveness of stacking the records obtained by the method of multiple tracing with the suppression of lateral reflections under the conditions of nonparallel interfaces. p. 8.
- Slavskiy, A. I., Mishel, V. I. - Effectiveness of grouping with unequal time intervals. p. 18.
- Lovskiy, I. T. - Effect of numerical filtering in the plotting of seismic sections on reliability in detecting tectonic dislocations. p. 20.
- Tarasov, I. U. A. - Problems of the theory and application of the focused incident wave method in seismic prospecting. p. 33.
- Kononov, M. M. - Studying steep slopes of salt-dome structures by the seismic method of diffracted and head waves. p. 42.
- Levin, A. K. - Coefficient of reflection of plane waves with normal incidence on a layer placed in a liquid medium. p. 67.
- Hajin, N. K. - Value of the v_p/v_s parameter in the earth's crust in the presence of a sedimentary layer. p. 73.
- Harman, V. A. - Relation of absorptive and velocity properties of two-phase media to the viscosity of a pore-filling fluid. p. 83.
- Gol'din, S. V. - Optimum conditional detection of seismic waves. p. 93.
- Kokoshkin, G. A., Dmitriyev, V. I. - Magnetotelluric field in a layer with stepped changes in its thickness. p. 104.
- Derzhavskiy, V. M. - Determining the center of mass and other parameters by means of the second vertical derivatives of gravity $\partial^2 g / \partial z^2$. p. 111.
- Bertrand, N. G. - Selecting optimum parameters of the conversion of gravity fields. p. 119.
- Kushin, L. G. - Statistical study of the depth of spreading of anomalously magnetized rocks. p. 128.
- Vikhorev, H. V. - Use of the dispersion of rock densities in the geophysics and geology. p. 134.
- Bobov, I. V., and others. - Some results of laboratory and offshore tests of the ANG automated shipboard gravimeter. p. 149.
- Pantelev, V. L. - On the theory of the ANG automatic gravimeter. p. 151.
- Mishel, V. I., Mishel, K. - Effect of constant adjustment on the readings of the seven-electrode laterolog. p. 160.
- Seleznev, V. V. - Effect of terminal dimensions of the coils of a sonde on the results of magnetic logging. p. 169.
- Aksel'rud, S. M. - Measuring dielectric permeability of rocks in boreholes. p. 180.
- Mikolayevskiy, E. I. - Evaluating oil and gas potentials of clayey reservoirs on the basis of logging data. p. 182.
- RAZVIVOTKA MESTOROZHENII POLEZNYKH ISKOPAYEMYKH [DEVELOPMENT OF MINERAL DEPOSITS].** Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya USSR (Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.). Kiev, no. 12, 1967. Technology of mining coal deposits.
- Table of contents translated:
- Prokofiev, V. P., Kostomarov, A. I. - Manifestation of rock pressure in working underground coal seams. p. 3.
- Kostomarov, A. I. - Maintaining development workings in coal blocks or in the zone of their influence. p. 9.
- Polapkin, I. F. - Distribution of the bearing pressure along the perimeter of worked-out areas. p. 15.
- Sujko, A. A., Struklin, I. U. S. - Distribution of haulage drifts in great depths while protected with coal pillars. p. 22.
- Savenko, I. U. F., and others. - Manifestation of rock pressure in haulage drifts. p. 33.
- Sapitskiy, K. F., Moroz, V. D., Lobanov, A. I. - Certain regularities of rock pressure in mining coal seams with shortwall systems. p. 39.
- Nikol'tin, V. I., Lyalikov, R. A. - Influence of the depth of occurrence on physico-mechanical properties of coal. p. 47.

- Krimer, B. L. - Phase constitution of alloys with high-melting components; toward a diagram. *Nb - Mo*, p. 143.
- Isvolskiy, E. G., Tsukerman, G. F. - Investigating equiaxial magnetic alloys, p. 146.
- Ponomarev, E. P., Riabikov, S. I. - Structure of the fusion zone of a St. 3 - Br. Azh-4 bimetal, p. 150.
- Levi, I. I., and others. - Effect of ultrasonic treatment of cast iron on its content in gases and non-metallic inclusions, p. 155.
- Mirzoev, G. S. - Mechanical properties of the metal of centrifugally cast ingots, p. 158.
- Dubitskiy, G. M., Gruzman, V. M. - Shielding the upper surfaces of sand and clay molds, p. 161.
- Glinko, M. A., Leonidova, M. N., Mikhalev, V. I. - Cooling a steel strip by jet blowing, p. 165.
- Parasenko, A. A. - Efficiency of heat utilization from the technological fuel of an open-hearth furnace, p. 169.
- Kravchenko, V. A. - Returning natural gas in presence of an oxidizer, p. 173.
- Gol'dfarb, E. M., Geshin, E. S. - Application of the maximum method to the selection of optimal design parameters of a furnace, p. 177.
- Romanov, V. A., Ivashin, L. N., Fil'mov, I. V. - Technical and economic indices for the production of heat-resistant alloys in vacuum arc and induction furnaces, p. 182.
- Rallford, I. K., El'mychev, R. I. - Studying the level and the dynamics of porosity in tundishes, p. 185.
- USSIA (1923 - U.S.S.R.) *Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Ispolnitsel'skoye uchebnykh zavodov, garny zhurnal Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning. Mining Journal*, Moscow, vol. II, no. 2, 1968.
- Table of contents translated:
- Karabik, V. A. - Coal losses in the Kuznetsk Basin deposits, p. 3.
- Umarov, B. P., Barin, Zh. V., Sotnikov, V. P. - Advantage of changing the height of open-pit benches being mined, p. 9.
- Galushko, P. I., Khatimovskiy, M. A., Frenze, R. K. - Stress concentration in mine workings, p. 14.
- Kurzhuk, L. N. - Laboratory investigations in relation to controlled friction joints of collapsible permanent compressible supports for extraction drifts, p. 19.
- Polovov, B. D. - Positioning of grouting boreholes along the working face of vertical shafts, p. 24.
- Rapp, G. H., Lohv, S. A. - Effect of a roof displacement depending on its structure and the thickness of section in the longwalls of slightly inclined deposits of the Chelyabinsk Basin, p. 29.
- Petukhov, I. M. - Controlling rock bumps, p. 33.
- Kamenetskiy, L. K., Moskvina, V. I. - Increasing the efficiency of using fixed capital assets in the coal industry, p. 38.
- Moskalkovskiy, A. V., Petrova, P. E. - Methods of calculating technically substantiated rates of controlling development workings, p. 42.
- Zolotarev, K. V., Sukhachev, N. I. - Optimum quantitative determination for mine transportation equipment in separate nodes of industrial systems, p. 44.
- Novozhilov, M. G., and others. - Using the theory of mass operation for the analysis of simultaneous work of loading and conveying equipment in open-pit mines, p. 51.
- D'yakov, V. V., Voronov, F. T. - Calculating the ventilation for dust removal from inclined workings under personal ventilation, p. 59.
- Kostretskiy, A. A., Sazhin, D. I., Alekshin, A. S. - Influence of cavities in worked-out areas of soluble mines on the development of oxidation processes, p. 63.
- Krasovskiy, A. E., Malyshev, I. T. - Calculating the quantity of air according to "exhaust gases," p. 68.
- Tsol, S., Danilina, G. P. - Optimum synthesis of ventilation systems, p. 69.
- Kichigin, A. F., Khenov, R. I., Ignatov, S. N. - Peculiarities of the performance of dynamometer instruments during the mining of rocks, p. 76.
- Eidunov, M. S. - Analytic investigation of loads acting in Curdan shafts with absolutely rigid links, p. 81.
- Olenev, V. A. - Dynamic loads in a live-motor turn drive, p. 87.
- Tarlovskiy, B. N., Cherkasov, F. D. - Investigating optimum parameters of charges in boreholes during water-hydraulic blasting, p. 94.
- Gol'man, A. T., and others. - Investigating shapes and dimensions of the zone of fragmentation during the blasting in crumbling media, p. 99.
- Baron, L. I., Barin, V. L. - Estimating the resistance of rocks to breaking by blasting in inclined borehole breaking, p. 104.
- Oreshkov, B. Z., Burakov, V. L. - Results of the inspection regarding defects and service life of chain pushers, p. 109.
- Vehkovskiy, A. V., Chebotareva, A. N. - Calculating parameters of the optimum conditions of a micro-hold with asynchronous barrier-layer cascade, p. 113.
- Baranovskiy, K. M. - Derivation of criterion equations for investigating hydrodynamics of sprayer-type air coolers, p. 118.
- D'yakov, A. G., Tauger, M. B. - Theoretical form of the compensation resistance of throttling flow dividers, p. 125.
- Susorodin, A. S. - Conditions for using pressure compensators of compressed air in coal mines, p. 131.
- Dal'shakov, V. I. - Selecting the capacity of asynchronous high-speed motors for mine hoists, p. 137.
- Marin, A. P. - Calculating mechanical transient processes in the drives with asynchronous motors, p. 142.
- Turyshev, B. F., Talashenko, V. A., Samokov, A. A. - Influence of inductive voltage transformers in the insulation control of systems on the forming of the current of a single-phase contact to ground in 6-10 kv networks with insulated conductors, p. 146.
- D'yakov, A. V. - Damping properties of the electric drive of mining machines, p. 152.
- Ozerov, M. I., Fursov, F. M. - Conditions of the electric power supply of slope cutter-loaders and certain ways of its improvement, p. 156.
- Berdov, I. A., Petrov, I. P., Strakhov, N. V. - Control of optimizing controller and possible switching networks of its input and output circuits, p. 161.
- Arsh, E. I., Krasov, L. A. - Investigating electric properties of ores and enclosing rocks with the purpose of identifying automatic control systems, p. 167.
- Ivanov, A. A., Sitkov, I. G., Pashkar, M. S. - Experimental determination of frequency for the transmission of radio signals in coal mine slopes, p. 171.
- Davilovich, A. S., and others. - Automatic control of the size of products made by dry autogenous grinding equipment, p. 173.
- Pankov, S. A., and others. - Energy for the deformation rocks during comminution, p. 178.
- Kotikh, V. I. - Method of deepest descent for finding the maximum extraction of limited content of valuable component in the concentrate, p. 182.
- Gerasimov, V. N., and others. - Economics and scientific organization of production in the course of studies: "Mine transportation" and "Mine conveying machines," p. 185.
- Vol. II, no. 3, 1968.
- Table of contents translated:
- Krechenko, G. S., Lavchenko, V. P. - Ways of controlling rock pressure in mining thick deposits by the method of caving ores and overlying rocks, p. 3.
- Vallinov, P. M., Marlin, I. A. - Criteria for the estimate of the level and efficiency of the concentration of mining operations, p. 8.
- Podinov, V. A., Nizhkov, V. A., Korotkov, V. N. - Determining the length of a slope, p. 12.
- Klimchikov, V. S., El'mov, A. I. A. - Trends in the improvement of piling in open-pit mines, p. 18.
- Malachukov, N. B., Mikhalev, T. B., Malov, G. A. - Simplified method of determining the pressure and stresses in mine shaft supports taking into consideration the creeping of rocks, p. 20.
- Beg, K. U., and others. - Blasting and inert materials for the manufacture of artificial pillars at the Gay Mining and Ore Dressing Combine, p. 25.
- Marinov, V. A. - Increasing the stability of horizontal mine workings under the poor rock conditions of the Kuznetsk Basin, p. 29.
- Gusev, N. A. - Theory of the BDZ telemeter, p. 33.
- Af'kshelev, V. N. - Principles of a class of problems in the reliability theory, p. 37.
- Vorobey, D. M., Krol'ovich, M. I., Bakhov, I. V. - Operational prognostication of coal extraction from slopes, p. 41.
- Popov, V. M. - Criteria for the operational control of external railroad transportation of coal mining enterprises, p. 47.
- Zolotarev, K. V., Alekseyevskiy, I. G., Strovskiy, V. E. - Investigating the amount of labor consumed for internal mine transportation at the Dnepryzka Mine, p. 50.
- TSybul'ko, V. I. - Method of the autonomous regulation of airflow in a section according to gas factor, p. 54.
- Savenko, S. K., and others. - Ventilation of mine workings in mass caving of ores under the conditions of chamber mining systems, p. 59.
- Levin, E. M. - Evolution of carbon dioxide from wood in coal mines, p. 69.
- Gorshkov, L. K. - Heat balance of the circulating medium in boreholes during air-blow scavenging, p. 74.
- Tkachuk, K. N., Itesholka, Kh. S., Hindarenko, N. A. - Investigating the zone of fragmentation in flat superposed charge blasting, p. 80.
- Ingel'ing, V. G., and others. - Investigating operating conditions of "Karagala 07-2" and other cutters-loaders, p. 85.
- Tauger, M. B. - Calculating throttle flow dividers, p. 92.
- Eidunov, M. S. - Investigating maximal stresses developing in Curdan shafts with absolutely rigid links, p. 96.
- Volkov, B. M. - Types of rail base foundations of inclined open-pit mine skip hoists and their economic comparison, p. 101.
- Bykov, V. L. - Inclined single-rope hoists with a compensating rope for deep open-pit mines, p. 109.
- Sinitsyn, V. F. - Determination of energy consumption for imparting velocity to sheared ground, p. 111.
- Nosyrev, B. A., and others. - Investigation and checking of the efficiency of lower transfer points for open-pit mine inclined skip hoists, p. 115.
- Shegal, V. L., Bulakov, S. E., Galtuzlamov, F. G. - Investigating radial relay diffusers of centrifugal fans, p. 119.
- Slonin, V. G., Begmoldskiy, A. D. - Selecting the capacity for traction motors of electric mine locomotives, p. 121.
- Gavrilov, P. D. - Reliability of electric motors on mining cutter-loaders, p. 129.
- Ishchenko, A. I., Galtuzlamov, A. M. - Investigating the weight and size indices of asynchronous excitors on brushless synchronous motors, p. 134.
- Vechkov, B. A., Kuznetsov, D. S., Kuznetsov, A. V. - Nomographic method of solving certain characteristic equations, p. 140.
- Terekhov, N. I., Avramov, I. S. - Estimation properties of boring rigs and boring processes, p. 145.
- Znamenskiy, A. A., Kozhynskiy, A. I. - Weighing machines for the quantifying of charge compositions in the production of iron ore pellets, p. 161.
- Trop, A. E., Tereshchenko, A. E., Kiselev, N. V. - Automatic measurement of a pulp concentration according to its viscous properties, p. 154.
- Fonchikov, A. M., Krekov, M. P., Shaposhnikov, P. N. - Laboratory tests in respect to instrumental of the method of mine water purification, p. 157.
- Plaksin, I. N., Barak, L. A., Rubinshteyn, R. H. - Selection and analysis of parameters for the optimization of mineral dressing processes, p. 162.
- RUSSIA (1923 - U.S.S.R.) *Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Ispolnitsel'skoye uchebnykh zavodov, vol. II, no. 3, 1968.*
- Table of contents translated:
- Higher institutions in petroleum on the eve of the 50th anniversary of the October Revolution, p. 3.
- Shreiner, G. K., Sviridashvili, A. H. - Moscow Institute of the Petrochemical and Gas Industries named after I. M. Gubkin, p. 7.
- Chernobrovskiy, N. I. - Development of petroleum refining during the years of Soviet rule, p. 11.
- Muraviev, I. M., Borodimov, G. Z. - Effect of a gas phase on the formation of oil-water emulsions, p. 17.
- Tarab, V. D., and others. - Some characteristics of the reliability of the performance of pipelines, p. 22.
- Chernov, A. D., Kuznetsov, N. A., Gusev, N. A. - Stabilization of medium-amplitude vibrations by means of preliminary isolation, p. 29.
- Pushkin, I. A. M., Haskova, E. M., Nizova, S. A. - Oxidation of cyclohexene by hydrogen peroxide in the presence of the RU-2-8 catalyst-exchange resin and sulfuric acid, p. 32.
- Chukhrov, V. G., Kravtsov, S. A., Semko, A. I. - Hydraulic resistance of dry cap-grit trays, p. 35.
- Shechekachev, V. N. - Results of creative activity, p. 39.
- Makharov, M. - Azerbaijan Institute of Petroleum and Chemistry named after M. A. Zolotarev, p. 41.
- Plaksin, I. N., Rudman, D. I. - Experimental study of single-phase current supply of an automatic capacitor motor drive of a centrifugal submersible pump, p. 44.
- Lokorodskiy, K. V., Ramazanova, G. E., Razanov, M. S. - Determining the C_{95} equilibrium constant in calculating the separation of gas emulsion systems, p. 47.
- Galtuzlamov, M. P., Shikhalev, F. A., Il'asov, A. G. - Determining hydraulic losses in an eccentric annular space in a structural region of the movement of a viscous liquid, p. 51.
- Mel'nik-Shukhazarm, A. M., and others. - Continuous measurement of the pressure on the intake of a centrifugal submersible pump, p. 55.
- Murzhakova, A. Kh., and others. - Relative phase permeabilities in the flow of three-phase systems in fractured reservoirs, p. 59.

- strength properties of rocks in a stressed state
p. 113.

- Rudakov, M. L., and others. - Determining deformations of the overlying rock at the "Perovskaya" Mine. p. 116.
- Vodkin, B. A., and others. - Selecting the shape of pillars and their settlement under conditions of the Severo-Kavkazskaya mine. p. 120.
- Voskh, N. P., and others. - Measures for preventing an landslide. p. 125.
- Rudakov, M. L., and others. - Physico-mechanical properties and structure of ores and rocks of the Pokrovskoe and Gornogolodskoe deposits. p. 128.
- Lepint, G. E. - Determining the span limit of unsupported workings. p. 137.
- TOPIKALAYA PROMYSHLENNOST' [PEAT INDUSTRY]**, issued by Gosstatizvestiya (State Statistical Committee of the U.S.S.R. for Science and Technology) and others. Moscow, vol. 45, no. 3, 1968. Table of contents translated:
- Sarokov, V. A. - Scientific organization of labor at the enterprises of the peat industry of the White Russia in S.S.R. p. 2.
- Vasilov, V. I., Ilmor, P. N., Galin, E. I. - Economic effectiveness of manufacturing briquets from pre-compressed dry peat. p. 4.
- Karagin, F. I., Mazunov, I. V. - Table of the thermal values of peat fuel. p. 7.
- Solovov, S. G., Tankarski, M. M. - Problems of improving passage ways in pre-producing machines. p. 9.
- Izotov, M. I., Zhuravlev, V. E., Bakov, A. I. - Preliminary results of shredded peat production in peat-drainage bogs during the 1967 season. p. 11.
- Antonov, V. A., Sergeev, P. G., Babin, A. P. - Some principles of drying, recondition and shredding of high peat. p. 14.
- Strazda, D. A., Tamarski, M. I. - Development of the peat industry of the Latvian S.S.R. p. 16.
- Kuznetsov, N. M., and others. - Practice in the drying process automation in a peat briquet plant. p. 19.
- Pelichny, B. I., Ilmor, P. N. - Testing the effectiveness of a jet precipitator. p. 21.
- Il'minskii, G. E., Ostapchuk, E. N., Petrovskii, P. E. - Use of electronic digital computers for the automation of the process of shredded peat drying. p. 23.
- Vol. 45, no. 4, 1968. Table of contents translated:
- Appraisal of the performance of labor activists, engineers, technicians, and employees in all workers of the enterprises and organizations of the Ministry of the Fuel Industry of the RSFSR. p. 2.
- Socialist obligations of the workers, engineers, technicians and employees of the enterprises and organizations of the Ministry of the Fuel Industry of the RSFSR for the fulfillment of the 1968 plan and the five-year plan for the development of the national economy ahead of schedule. p. 4.
- Izotov, M. I. - Report of the hydraulic system units of tractors. p. 5.
- Shukareva, T. A., Korolova-Dokova, N. M. - Decomposition of peat dust blown in during the preparation of shredded peat bogs. p. 11.
- Kulakov, G. S. - Industrial testing of the equipment for dumping and loading of narrow-gauge railroads. p. 13.
- Baiko, M. G., Petrovskii, E. K. - Analysis of the basic causes of accidents in the drying departments of peat briquet plants and their prevention. p. 13.
- Firsov, M. E. - Mixing of shredded peat for its subsequent processing into briquets. p. 16.
- Zykov, I. I., Naumovich, V. M. - Studying the process of pressing of slightly decomposed peat in an automatic press. p. 18.
- Andreev, B. I., Trushkin, M. K., Kartagin, P. S. - Shallow peat manufacturing enterprise. p. 22.
- Karagin, F. I. - Technological manufacturing enterprise. p. 24.
- Results of the socialist competition of the personnel of enterprises and organizations governed by the agencies of the RSFSR for the 4th quarter of 1967. p. 27.
- Pavlov, P. V. - Altering the front part of the three-chamber furnace underneath the MG-2T boiler. p. 27.
- Boritskii, I. D., Belin, M. D. - Reclaiming of shallow-layer peat bogs for the manufacture of shredded peat. p. 28.
- Kalichny, M. D. - Exploiting of depleted peat bogs. p. 29.
- Balova, V. S. - Seminar on the problems of increasing the productivity of labor and decreasing the cost of shredded peat production. p. 29.
- Rabin, N. V. - Prizes for exhibits in 1967 at the Exhibition of the Achievements of the National Economy of the U.S.S.R. p. 30.
- Gelink, A. A. - Socialist obligations of the workers of the peat industry of the Latvian S.S.R. p. 31.
- Sergei Il'ich Kuznetsov; obituary. p. 32.
- Anatoli Alekseevich Lagunov; obituary. p. 32.
- Vol. 45, no. 5, 1968. Table of contents translated:
- Technical progress in the peat industry of the Ministry of the Fuel Industry of the U.S.S.R. p. 2.
- Zykov, V. A., and others. - RK-O machine for cleaning peat bog drainage. p. 6.
- Erylov, V. A., Nikitin, V. P., Konstantinov, E. A. - Diagram for determining the parameters of rigid drive wheels of peat machines. p. 8.
- Pilchenkov, A. P. - Selecting motors for peat machinery drive. p. 9.
- Grisakov, E. M. - New MBG hammer-crusher. p. 12.
- Arifov, G. A. - Work on the technical organization of labor at enterprises of the Kaliningrad Province. p. 14.
- Nikrasov, V. A., Zykov, B. I. - Testing a technological method for extracting low-moisture peat and pressing it into briquets. p. 17.
- Balova, V. S. - Work of the efficiency promoters and inventors in enterprises of the Main Administration of the Peat Industry of the U.S.S.R. p. 19.
- Melstail, M. I. - Some terms in swamp engineering and their relationship to the words "bog" and "peat." p. 24.
- Chalov, V. I. - Manufacturing ceramic pipes from local materials. p. 26.
- Kozlov, V. V., Arshchevskii, A. M. - Work practice at the Orlovsk Peat Briquet Plant. p. 26.
- Shabalin, L. A., Ogorodn, A. A. - Automation in separating magnetic metallic objects from a peat stream. p. 27.
- Selenev, G. V. - Method of determining the number of working workers. p. 29.
- Viktor Nikolaevich Ivanov; obituary. p. 30.
- Rylov, V. I. - Production effectiveness and exchange of experiences at the Ruzhitsk Peat Moss enterprises. p. 30.
- TRANSPORT I KHRANENIE NEFTI I PETERODUKTOV [TRANSPORTATION AND STORAGE OF PETROLEUM AND PETROLEUM PRODUCTS]**, issued by Gosstatizvestiya (State Statistical Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research Institute of Information and Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry). Moscow, no. 1, 1968. Table of contents translated:
- Zhdanov, A. M. - Petroleum production industry of the U.S.S.R. p. 3.
- Al'teravskii, S. A., Stukhinskii, D. E. - Hydraulic resistances of paraffin-base petroleum in pipelines. p. 7.
- Taran, V. D., and others. - Calculating the volume of tank farms in intermediate pumping stations of product pipelines. p. 11.
- Nikitenko, E. A. - Current supply diagrams for cathodic protection stations. p. 15.
- Dolgin, A. S., and others. - Use of underground cavities, created by blasting, for the storage of petroleum products. p. 18.
- Andreev, E. M., Golubev, V. P. - Certain characteristics of the exploitation of storage reservoirs built in the permafrost. p. 21.
- Golts, V. E., and others. - Fundamentals for calculating the filling of tank cars in automatic filling. p. 25.
- Chernacev, D. A., Enikeev, A. B. - Specific norms of the consumption of electric energy in the pumping of petroleum and petroleum products in pipelines. p. 29.
- Sem'antsov, A. I., Zlobin, A. A., Savol'ev, G. P. - Experience in pressurizing an operating pipeline. p. 32.
- Eld'man, I. A., Nikitenko, E. A. - Work experience of the "Elektrokhimvashchik" Laboratory. p. 34.
- Barakov, B. P., Kavitskii, V. B. - Preparation of specialists in the Volgograd Administration of the Main Administration for the Supply of Petroleum Products in the U.S.S.R. p. 35.
- VOPROSY RAZVITIOCHNOI GEOFIZIKI [PROBLEMS OF PROSPECTING GEOPHYSICS]**, issued by Vsesoyuznyi nauchno-issledovatel'skii institut razvitiya i primeneniya geofiziki [All-Union Scientific Research Institute of Prospecting Geophysics]. Moscow, no. 7, 1968. Geophysics in mines. Table of contents translated:
- Vladimirov, O. K., Timofeev, E. V. - Subsurface geophysics in ore deposits of the Soviet Union. p. 3.
- Timofeev, E. V. - Complete logging of exploratory boreholes in underground boring in the Krivoy Rog Basin. p. 8.
- Dozmarova, G. S., Ignat'ev, O. N., Studenkov, V. M. - Geological and physical grounds for the use of geophysical methods in iron ore deposits of Gornaya Shoriya. p. 17.
- Tikhonov, V. N., Studenkov, V. M., Andrushechenko, V. I. - Complete geophysical study of underground boreholes in iron ore deposits of Gornaya Shoriya. p. 22.
- Tikhonov, V. N. - Determining the trace content in ores according to data of the magnetic logging of underground boreholes in Gornaya Shoriya deposits. p. 37.
- Andrushechenko, V. I. - Experience of gamma-gamma logging of underground boreholes in Gornaya Shoriya iron ore deposits. p. 33.
- Andrushechenko, V. I., Studenkov, V. M., Tikhonov, B. N. - Equipment for the logging of exploratory underground boreholes. p. 36.
- Leman, E. P., Oshkin, A. P., Oshin, V. B. - X-ray radiometry in the logging of underground boreholes in iron ore deposits. p. 42.
- Atsyaghtsev, V. A., Ivanichuk, G. A. - Speech content in the gamma-gamma method of density measurement. p. 50.
- Atsyaghtsev, V. A., Piquov, E. P., Kuchikov, G. A. - Calibrating gamma-gamma logging equipment on a medium of artificial density. p. 54.
- Ser'kov, A. K., Kuchikov, V. V. - Conditions of using the method of gamma-ray filtration for potassium determination in exploratory borehole sections. p. 61.
- Bol'shakov, A. I., Leman, E. P. - Methods of X-ray radiometry using differential filters. p. 66.
- Radenko, I. C. P., Zyzanski, K. V. - Admissible errors in geophysical sampling of ore deposits. p. 72.
- Gorodskii, V. M., Gollant, A. L., Radenko, I. C. P. - Economic efficiency of gamma-gamma sampling in mining enterprises. p. 76.
- Studenkov, V. M. - Radiometry in underground workings of Gornaya Shoriya iron ore deposits. p. 78.
- Balashin, S. V. - Possibilities and characteristics of using the method of induced polarization in mines. p. 87.
- Vladimirov, O. K., Dozmarova, G. S., Ignat'ev, O. N. - Characteristics of the use of magnetic prospecting in underground mine workings in magnetic deposits. p. 90.
- Kvachevskii, O. A., Polukhin, V. V., Timofeev, E. V. - Possibility of the use of radiometric surveying in Krivoy Rog Basin mines. p. 95.
- Kvachevskii, O. A., Timofeev, E. V. - Differentiation of ores and enclosing rocks by density in mines of the Krivoy Rog Basin-Sakagani strip. p. 100.
- Il'ich, A. A., Fedina, N. A. - Search for verticality of elongated disturbing bodies by data of underground gravimetry. p. 105.
- Martynova, Z. G. - Making use of underground gravimetric prospecting in mines of the Krivoy Rog Iron Ore Basin. p. 113.
- Martynova, Z. G., Solov'yev, K. I. - Space distribution of the gravity potential derivatives for an inclined cylindrical body arbitrarily positioned in relation to a mine. p. 110.
- Bumachenko, V. M., and others. - Calculating the effect of the relief of an area during cosmic radiation intensity measurements in mines and wells. p. 125.
- Bumachenko, V. M., and others. - Equipment for the method of underground registration of cosmic radiation. p. 130.
- Kvachevskii, O. A., Timofeev, E. V. - Gamma-activity in the Krivoy Rog iron ore series. p. 137.
- Kvachevskii, O. A. - Using data from the statistical analysis of physical properties of ores and rocks to evaluate the possibility of applying geophysical methods. p. 142.
- Boptanovskii, E. M. - Applying the theory of two alternative solutions to the analysis of results of measurements. p. 146.
- Kuchikov, V. V., Alekhin, N. S., Ser'kov, A. K. - Equipment for the continuous gamma-logging of exploratory boreholes made by underground boring. p. 150.
- Oshin, V. N. - Modernization of the SRP-2 radiometer. p. 152.
- Pelichny, G. A., Stukov, V. G. - Possibility of the quick analysis of monocrystalline iron ores on a conveyor by the reflection of low-energy gamma rays. p. 153.
- Leman, E. P., Bol'shakov, A. I. - Determining barium in complex metal ores during X-ray radiometric logging of underground boreholes. p. 156.
- Pelichny, G. A., and others. - Possibility of determining copper in rocks and ores by the characteristic X-ray radiation using proportional counters. p. 159.
- Kuchikov, V. V. - Beta-sampling of underground mine workings in potassium salt deposits. p. 164.
- Gazarian, G. O. - Using the ultrasonic wave variant in the method of radiogeology in underground conditions. p. 169.
- Studenkov, V. M., Vladimirov, O. K. - Industrial electric interferences in underground mines. p. 170.
- Tikhonov, B. N. - Experience in the use of the TSM-3 equipment in mines. p. 175.

Tolstaya, B. N., Vladimirov, O. K. - Results of measuring the temperature in underground boreholes and mines in the Stereginskii ore deposit. p.178.

VOПРОСЫ РИТУНИЧНОГО ТРАНСПОРТА [PROBLEMS OF MINE HAULAGE]. Issued by Dnepropetrovskii gosnii Institut. Dnepropetrovsk Mining Institute. Moscow, no. 10, 1967.

Table of contents translated:

- Pollakov, N. S., Vyacheslav, E. M., Smirnov, V. K. - Conditions of braking and the performance of belt conveyors. p.3.
- Kotov, M. A. - Estimating the capacity of the automatic transporter of belt conveyors. p.9.
- Kiril, V. P., Smirnov, V. K. - Experimental investigations regarding dynamics of stabilized conditions in scraper conveyors. p.27.
- Smirnov, V. K., Vyacheslav, E. M., Lesovskii, V. F. - Traction power of flexible transmitters. p.31.
- Martina, A. N., Melchakov, A. A. - Theoretical and experimental investigations of the discrete system with regard to the automatic control of conveyor equipment. p.47.
- Shpakov, I. A., Pustovalov, V. I. A. - Rotation resistance of belt conveyors. p.62.
- Bilchuk, N. I. A., and others - Investigating the dumping conveyor of the KGTQ-3063 mine transportation system at the Stevichuk Opta-Pil Mine. p.69.
- Hilari, L. S., Dykachi, P. M. - Distribution of tangential stresses along the strip of the signaling of rebarbed belt conveyors. p.88.
- Stavitskiy, E. S., and others - Analyzing the operational reliability of the IAAZ-N200 and IAAZ-238 motors of dump trucks used in open-pit mines. p.107.
- Shalaya, S. O., and others - Interchangeability of the IAAZ-N200 and IAAZ-238 motors of KAT-256 dump trucks operating in open-pit mines. p.118.
- Noskov, E. E., Van Der Py - Effect of longitudinal stresses upon the strength and hardness of individual coils of mine car frames. p.118.
- Dunkov, V. A., Ivanov, B. A. - Effect of the energy available in traction networks, on the current slip conditions during the haulage by electric locomotives with parallel current collectors. p.130.
- Shilov, P. M., and others - Wear of the band of mine electric locomotives. p.135.
- Melchakov, A. A., Martina, A. N. - Stresses in the zone of contact between the wheels of electric locomotives and the rails. p.141.
- Shcherbakov, M. I. - Using the spectral theory of rushing for studying vibrations of mine locomotives. p.150.
- Sylla, A. K., Zhukovskii, V. I., Bezukov, V. D. - Using continuous machines for determining stresses in the buffer and coupling equipment of mine trains. p.162.
- Nesterov, A. P. - Rendering distributed masses of multiple hoist ropes. p.169.
- Nesterov, A. P. - Drawing up equivalent diagrams for rope hoists. p.174.
- Nikulin, L. P. - Method of measuring secondary stresses in steel rope wires. p.185.
- Nikulin, L. P. - Transient processes during the running of ropes on pulleys. p.197.
- Nesterov, P. N., Kozubek, N. I. - Method of manufacturing thick and mounting one-way ropes of linear tangency. p.206.
- Kozubek, N. I. - Determining forces in piles of the rope in the process of its manufacture. p.216.
- Mitchev, V. S. - Statistical distribution of the length of service life and of stresses for steel rope wires during their fatigue tests. p.223.
- Mitchev, V. S. - Influence of the scale factor on the service life of steel rope wires. p.229.
- Pedrova, Z. M. - Investigating and selecting efficient designs of links for heavy-duty hoists. p.233.

ZAVODSKAYA LABORATORIYA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet po khimii i svoimoi metallurgii pri Gosplano SSSR and Gosudarstvennyi komitet po koordinatsii naukoissledovatel'skikh rabot SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.], and the State Committee for the Coordination of Research in the U.S.S.R. Moscow, vol. 33, no. 12, 1967.

Table of contents translated:

- Babko, A. K. - The development of analytical chemistry in 1960. p.173.
- Pais, R. G., Serezhkina, T. V. - A polarographic determination of selenium in pure tellurium and in ores. p.191.
- Lalukov, I. S., Kopanskaya, L. S., Kuleva, Z. P. - An analysis of a ternary semiconductor system: copper - germanium - selenium by means of alternating current polarography. p.193.
- Luskin, B. M., Turkel'taub, G. N., Stavitskiy, S. V. - A determination of high boiling methylphenyltolyl-oxanes in a low-temperature column. p.196.
- Iolte, E. Sh., Karaseva, A. D. - A determination of cobalt in steel products. p.192.

Fedorov, A. A., Ozarskaya, F. A., Strelnikova, E. N. - The use of a photoelectric titrimeter for a fluorimetric determination of calcium oxide in iron ores and concentrates. p.192.

- Chuyko, V. I., Revat, N. I. - A determination of microimpurities of blamph in cobalt and its salts using a coprecipitation concentration. p.193.
- Shuklov, V. S., Gederovich, N. A. - Determination of gases in ferrochromite. p.193.
- Studenkov, I. U. A., Belova, R. A., Losev, N. I. - A quantitative X-ray spectral determination of molybdenum in a concentrate of molybdenum pulp. p.194.
- Sidlov, B. A. - The use of a method of a supporting electrolyte standard during an X-ray spectral fluorescent analysis. p.195.
- Babin, I. U. P., Lapin, F. M., Serebry, L. S. - One method of recording radiation during a nondispersible X-ray spectral analysis. p.196.
- Malkov, H. A., Baratskii, I. U. M., Kozlov, V. E. - X-ray spectral method to determine chlorine in silicate dioxide films. p.191.
- Gukin, I. A., Gushko, E. G., Chernogova, S. P. - The effect of structure and third components on the results of a spectral analysis of copper-zinc alloys. p.192.
- Zakrevskaya, E. S., Yakovlenko, E. I. - The effect of the results of a blank test on a determination of microimpurities in salts and simple crystals. p.196.
- Papet, A. A., Sapozhova, Z. A. - A determination of a paramagnetic particle relaxation in a fluid by a nuclear magnetic relaxation method. p.199.
- Vishniakov, I. A. D., Khamovitch, V. S. - Methods for determining the energy of packing defects. p.192.
- Kanyshov, O. A., Epshteyn, G. N., Kozlovskiy, I. V. - Use of the radiographic method in studying the structural characteristics of metals. p.192.
- Gavrilin, A. M., Lysak, S. V., Sukharevskii, B. A. - Use of X-ray diffraction phase analysis in polymer phase transformations. p.193.
- Fridman, A. A., Granzovskiy, E. D., Pashtov, P. P. - Use of a DRS-50M unit in studying diffuse scattering of X rays by aqueous suspensions. p.193.
- Vorobiev, B. M., Kozlov, L. I., Smaylov, L. P. - Diffraction study of grain distribution by sizes and orientation. p.195.
- Vasiliev, D. M., Melnik, A. I., Trofimov, V. V. - X-ray diffraction method for determining the residual stress and oxygen concentration in titanium. p.199.
- Davydov, G. V., Dzikovskaya, V. P., Erokhov, N. A. - X-ray diffraction method for precise determination of parameters of polycrystals. p.191.
- Davydov, G. V., Erokhov, N. A., Babin, G. F. - Location of the complex component in X-ray scattering by amorphous substances. p.193.
- Ivanov, V. S., Kuznetsov, V. G. - Evaluating the tendency of metals toward brittle failure. p.191.
- Gladstein, L. I., Vinograd, O. N. - Evaluating the brittleness of structural steel by the results of testing standard specimens for impact toughness. p.198.
- Rakhimov, A. S., Litvinskii, L. S., Grunov, A. V. - Value of the critical crack in evaluating steel brittleness. p.192.
- Aron, H. G., Benishvili, S. V., Sokolovskii, P. I. - Evaluating the tendency of steel toward cold brittleness by the type of fracture. p.195.
- Chudnovskiy, A. D. - Effect of low-cycle loading on the tendency of low-carbon structural steel toward the loss of toughness. p.199.
- Drozdenko, D. A., Prokhorova, L. V., Fridman, A. A. - Methods of evaluating crack susceptibility. p.196.
- Volovik, L. D., Pogachev, G. S. - Measuring the strength of steel steel on a flexible plate. p.192.
- Oukhov, A. S., and others - Graphing true deformation diagrams. p.197.
- Zerba, L. S., Krejber, D. M. - Multichannel diffractometer for quantitative phase analysis. p.197.
- Andreeva, T. P., Burdakov, L. L. - Measuring cell to determine the dielectric constant of fluids over a wide range of temperatures. p.193.
- Pen, R. Z. - Viscometer with interchangeable capillaries. p.191.
- Shuklov, V. S., and others - A metal Dewar vessel of low capacity. p.195.
- Fedin, B. V. - Standardization of methods for determining the chemical composition of metallurgical production. p.199.
- Shuklovskaya, R. M. - F., Bykov, I. E. - The TSLA vector polarograph. p.199.
- Orel, I. - All-Union Conference on Physical and Physicochemical Methods of Analysis of Organic Compounds. p.199.
- Timoshuk, L. T. - Conference on Mechanical Testing of Metals held at the Central Scientific Research Institute on Ferrous Metals. p.199.
- Zina Fedorovna Shukhova. p.195.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

KOMMUNIST VOORZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavna pilitrainskoy upravleniya Smolensk Armii Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 4, Feb. 1968.

Table of contents translated:

- Editorial: Toward new achievements in training and service. p.3.
- Nikulin, L. - The Soviet Armed Forces in the eve of the Great Patriotic War. p.8.
- Petrushkin, V. - The powerful arsenal of victory. p.13.
- Sukhin, L. - The 50th anniversary of people's control agencies. p.24.
- Shelomova, L. - At Lenin's bedside. p.30.
- Ilyashov, N. - On the road to improving the front-line correspondence. p.36.
- Chibrikov, N., Maslov, V. - Let us extend the struggle against infringements of the law. p.42.
- Komarov, V. - Party organization in the Soviet Army and Navy. p.47.
- Cleghorn, A., Barina, N. - Scientific and technical progress and the country's defensibility. p.53.
- Budakov, V. - A communist officer's perspective on work with the recruits. p.59.
- Kozlov, V. - Let us show a constant concern for the education and training of the activists. p.65.
- Plashkov, A. - Party struggle for developing the socialist revolution and strengthening the Soviet regime. p.72.
- Zaitsev, A., Sokolov, B. - Powerful means of the logical strength of sovietism. p.74.
- Korshakov, L. - At a new stage of development. p.77.
- Andrushev, H. - A struggle against the disability monopolism. p.81.
- Class battles in the capitalist world. p.86.
- Some problems concerning the regulation of the Communist's members. p.101.
- Can a member of the party (but can vote at party meetings for a proposal differed from its ruling? p. 80.
- In military districts and fleets. p.94.

Vol. 49, no. 7, Apr. 1968

Table of contents translated:

- Editorial: The triumph of Leninism. p.3.
- Mikhaylov, A., Korlov, A. - Some problems of military organization in the light of V.I. Lenin's military and philosophical heritage. p.3.
- Ermolin, A., Kozlovskiy, L. - Marx's country theory and our time. p.14.
- Chokhlov, A. - 50th anniversary of the military revolution. p.32.
- Active party cells are the trustworthy organizers of the masses. p.20.
- Enter the banner of proletarian internationalism. materials for lectures and talks on May Day. p.3.
- Prakhov, E. - Perestroika is the most important factor in the training of servicemen. p.36.
- Dukov, P. - Let us intensify the spirit of decisiveness and initiative in communist officers. p.44.
- Ishakov, N. - The Marines are learning to be with the sea. p.50.
- The servicemen's strength in his high principles. p.51.
- Poruchik, I. A. - Party organization and socialist competition. p.41.
- Iul'kov, V., Korolev, V. - Economic preparation for the war of the aggressive imperialists. p.47.
- Gubarev, G. - Expedition to the Soviet soldier's battle trail. p.75.
- Ivanov, I. - The party has organized the creation of the foundation of socialism, 1925-1932. p.67.
- Mass meetings of servicemen. p.67.
- "Service for two years, but combat readiness at all times." p.63.
- In military districts and fleets. p.94.

NASHI VESTI [OUR NEWS]. Published by Sozuz voenno-Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 24, no. 220(2552), Aug. 1968.

TYL I SNAZHENIE SOVETSKIKH VOORZHENNYKH SIL [THE REAR AND SUPPLY OF THE SOVIET ARMED FORCES]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 28, no. 1, Jan. 1968.

Table of contents translated:

- Service troops and combat readiness of units and ships. p.2.
- Dubov, V. - Formation and development of the military finance service. p.6.
- Smirnov, N. - The combat path in an armored tank division. p.13.
- Troitskiy, I. - For the happiness of the people. p.13.

- Zharikov, A. - Colonel Kholodnitskiy, a military physician. p. 10.
- Georgiev, I. - In the name of victory. p. 20.
- Zakovskiy, I., Zilhare, V., Kiselev, G. - Officer ranks of the service force. p. 22.
- Serebriakov, I. - An effective method of training officers. p. 26.
- Zakharovskiy, V. - Communists of the secret force of an outstanding regiment. p. 28.
- Bliznet, I. - In readiness approaching real combat, party and political work among service force troops in training exercises. p. 32.
- Itat'ko, V. - Finding of equipment in the mountains. p. 35.
- Aleksandrov, L. - Reliable training of senior personnel on auxiliary vessels. p. 38.
- Naumov, R. - Weapons and release. p. 42.
- Mirlachin, S. - Know the needs of soldiers and take care of them. p. 44.
- Babich, G. - At the all-Union meeting. p. 48.
- Sivachinskiy, I., Aseev, D. - Material provisions for training exercises in winter. p. 50.
- Korobovskiy, S. - The results of hard work. p. 53.
- Skolobin, S. - Taking into consideration the wishes of soldiers. p. 56.
- To search and to find; excerpts from letters. p. 58.
- Aronov, A. - Preventing riots and the like. p. 60.
- Mitlin, G. - Means of economizing on fuel. p. 62.
- Izrael'skiy, S. - In the Yaroslavl military school. p. 66.
- Kuznetsov, L. - Solve this problem. p. 68.
- Khasanov, R. - Training motor transport troops. p. 70.
- Izrael'skiy, I. - Transporting cargo by submarine. p. 73.
- Klimovskiy, A. - Mechanized washing and repair units. p. 76.
- Kuznetsov, A. - Repair automobiles skillfully. p. 78.
- Kozlov, M. - Our fighters were successful. p. 81.
- Rylov, M. - The repair industry. p. 84.
- Goryshchikov, M., and others. - Initiative and experience. p. 87.
- Vol. 28, no. 2, Feb. 1968.
- Table of contents translated:
- Guarding the computers of October. p. 2.
- Stetsko, A. - The very basis of Soviet military development. p. 8.
- Malykhin, P. - The heroic troops of the Armed Forces during 50 years. p. 16.
- Chernomir, A. - Illusions did and lightning. p. 23.
- Shtal, L. - "Malaya Zemlya." p. 28.
- Ivchenko, R. - The years of combat of war. p. 32.
- Lezhin, I. - The flying dedicated in the skies. p. 31.
- Il'inskiy, V. - The Black Sea fleet. p. 30.
- Kholodnitskiy, N. - At the airport. p. 30.
- Kovalev, L. - Along military roads. p. 44.
- Tarlov, A. - At the Volga fortress; on the 25th anniversary of the defeat of the fascist German troops around Stalingrad. p. 49.
- Gul, V. - The name of a hero is immortal. p. 50.
- Chernyshev, V. - In a united front. p. 55.
- Gromov, A. - The Soviet soldier in the pride of the people. p. 60.
- Cassidy, E. - Loyalty in any cause. p. 65.
- Starobin, V. - Fuel and military equipment. p. 68.
- Vorobey, S. - The road of the brave. p. 72.
- Sokolov, L. - Always beside our soldiers. p. 70.
- Zhandarov, N. - Our youth careers. p. 70.
- Gajmenko, A. - The company is well managed. p. 82.
- Bratnikov, V. - In leisure time. p. 84.
- Kandarov, L. - Scientific and technical progress of the Soviet Union. p. 87.
- Mikheev, A. - Prospects for development of human population. p. 91.
- VESTNIK PROTIVOVYDUSHNOY OBRONY [AIR DEFENSE REVIEW]. Published by Voenno izdatel'stven Ministerstva obrony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.], Moscow, no. 1, Jan. 1968.
- Table of contents translated:
- To new successes in combat training. p. 3.
- Chibrikov, S. K. - Strengthening the unity of command is an important duty of political agencies and party organizations. p. 8.
- Bondarev, I. P. - The rank of captain was awarded ahead of schedule. p. 10.
- Ilyov, N. I. - The commander is the organizer of combat. p. 15.
- Pisachenko, V. A. - Champions of the new. p. 21.
- Savitskiy, V. N. - Training intensification of the leading professions. p. 24.
- Ilyzhikov, A. V. - Controlling combat training. p. 28.
- Soldiers are the guests of "Krasnyy Vyborzhets." p. 30.
- Our competition. p. 31.
- Methods for solving the problems. p. 31.
- Baranov, S. I. - Visual target tracking. p. 35.
- Palayushkin, A. I. - Specific character of a guidance navigator's work. p. 37.
- Mashtarov, M. K. - Training radar station and launcher crews in the course of radar security of combat training of fighter aviation and antiaircraft rocket forces. p. 41.
- Chertimov, N. V. - Give future officers the habit of studying the works of V. I. Lenin. p. 45.
- Mironovskiy, V. A. - We are perfecting the teaching process. p. 49.
- Gordeev, V. A. - Scientific labor organization for aviation engineering service specialists. p. 52.
- Fomse, V. G. - In winter in the Far North. p. 56.
- Shneider, G. Z. - An engineer has come to the unit. p. 59.
- Il'arov, E. A. - Frequency halving with the help of triggered cells. p. 62.
- Neapokoev, F. K. - Housing contour of antiaircraft guided missiles. p. 65.
- Khasheev, I. M. - Repairing lead-acid storage batteries in winter. p. 71.
- Nakarov, A. I. - A tape recorder studio. p. 75.
- Kaplan, L. M., Kotlar, O. I. - An electric clock. p. 76.
- Gutman, F. A. - A universal compass. p. 78.
- Kozlov, V. P. - Evaluating working order of electric circuits. p. 79.
- Sviridov, V. F. - Sports in academics. p. 80.
- Il'khovskiy, K. I. - Improve supply and provision service in every way possible. p. 82.
- Podols, I. I. - An exploit of the army and the people. p. 84.
- He was always in the forefront. p. 85.
- Imane, O. M. - They guard the skies of Vietnam. p. 89.
- No. 3, Mar. 1968.
- Table of contents translated:
- High awards. p. 2.
- Greetings from the Central Committee of the CPSU, the Presidium of the Supreme Soviet, and the Council of Ministers to the soldiers of the heroic Armed Forces of the Soviet Union. p. 3.
- To the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R. from the soldiers, sergeants, master sergeants, and officers of the Soviet Army and Navy. p. 6.
- Continuously improve the technological mastery of officers. p. 7.
- Zimin, G. V. - Use the achievements of science and technology in the teaching process. p. 11.
- Vozniy, V. T. - Missilesmen perfect their firing training. p. 16.
- Our competition. p. 23.
- Elsin, M. P. - How to make a better selection of operators. p. 24.
- Zurkov, V. T. - A navigator scans the radar screen. p. 27.
- Chirko, R. A. - Group flights at supersonic speeds. p. 31.
- Gickov, G. A. - Combat training of radar operators. p. 33.
- Dzhalov, N. G. - Using programmed instruction methods for training officers for control points (programmed control). p. 36.
- Terekhov, A. P. - He is first class also in allied duties. p. 41.
- Sul'tanov, A. K. - The psychological stability of an intercepter pilot. p. 42.
- Safinman, G. G. - The education of collectivism. p. 46.
- Deslav, A. G. - In the interests of perfect mastery of equipment. p. 52.
- Efimov, M. A., Stolskiy, I. E. - A quarter of a century on communications lines. p. 55.
- Levin, N. D. - Is such a subject needed? p. 58.
- Corn, V. S. - Adjusting amplifiers. p. 59.
- Mariyachenko, G. D. - Allocates of technical culture. p. 63.
- Nashov, V. V. - Examining control panels. p. 66.
- Bukharov, I. G. - For precise recording of revolutions. p. 69.
- Basharin, M. S. - Preventing failures of ougelectrons. p. 72.
- Burmistrov, S. K. - Stations of impulse and constant emanation. p. 74.
- Frenenko, I. F. - An effective model of an electron beam tube. p. 79.
- Osinskiy, G. A. - A device for a lighting engineer. p. 81.
- Itskis, M. G. - An electric wheel instead of a tractor. p. 82.
- Ushin, F. V. - Results of competition of inventors. p. 84.
- Aleksandrov, A. V. - The north in the plans of the Pentagon. p. 85.
- Sorkin, E. H., and others. - In the name of life on earth. p. 91.
- No. 5, May 1968.
- Table of contents translated:
- Marxism-Leninism is the basis for the ideological seasoning of officer cadres. p. 2.
- Danil, G. P. - By the heroic examples of history. p. 7.
- Gulak, E. A. - Brother of a hero. p. 8.
- Zemlitskiy, V. S. - Some problems in the scientific approach to troop management. p. 13.
- Uvarov, M. A. - Raise the combat readiness of missilemen strikingly. p. 20.
- Our competition. p. 24.
- Galkin, I. U. - A positive personality. p. 28.
- Podolskiy, V. N., Fursov, V. G. - There are no trivial details in flight guidance. p. 29.
- Medevedev, S. A. - Tactical background of flights. p. 33.
- Urazhev, G. A. - The school is given a combat decoration. p. 37.
- Frolov, T. V. - The initiative and work of a commander. p. 39.
- Oskolov, D. S., Zakharov, F. A. - Taking into consideration the requirements of modern combat. p. 43.
- Perminov, M. A. - How to train sergeants. p. 47.
- Svortsov, S. K. - The important functions of signalmen. p. 52.
- Tshin, I. M. - Give constant attention to technical training. p. 54.
- Dennikov, V. P. - Errors in the measurement of parameters. p. 56.
- Iuzan, A. G. - Protecting radar stations from non-synchronous pulsed interference. p. 61.
- Platunov, V. D. - Tunnel diodes. p. 65.
- Shilo, V. N., Filinopov, V. N. - Functional and logical schemes as a means of technical analysis. p. 69.
- Kolov, V. D. - Air-dust cleaning of units. p. 75.
- Dzhibekov, V. I. - Repairing a subunit. p. 76.
- Svetitskiy, G. F. - Regulating amplifier modes. p. 78.
- Korobkov, A. V. - Arithmetic operations on a digital computer. p. 80.
- Kubuk, G. A. - For measuring the current of pyrotechnics. p. 83.
- Kul'minskiy, V. M. - Central Europe is the bridgehead of NATO. p. 84.
- Plekhanov, A. M. - American imperialism is the stronghold of world reaction. p. 87.
- Mikhailov, V. M. - The pilot's helper in combat. p. 92.
- Anisov, A. M. - Single combat with tanks. p. 93.
- Grishin, V. E. - Two battles. p. 94.
- Shumilov, P. P. - Aerial engagements. p. 95.
- VOENNYE ZNANIYA [MILITARY KNOWLEDGE]. Issued by Voennoizdatovskoye obshchestvo sovetovskiy armii, aviaim i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 44, no. 6, June 1968.
- Table of contents translated:
- Headquarters are the nuclei of management. p. 1.
- Ivashchikov, V. - The Komsomol and universal military training. p. 2.
- Echikimov, A. - The Navy flag. p. 4.
- Kevlakov, G. - A soldier's work. p. 5.
- Gononov, V. - Don't stop at what has been achieved. p. 6.
- Yopenko, F. - A decoration is binding. p. 8.
- Porzakov, S. - Mining divisions. p. 10.
- "Look at this photograph..." p. 12.
- Svetitskiy, I. - Hello, comrade. p. 13.
- Sakharov, A. - Muscles in military overalls. p. 13.
- Zelagin, N. - Not rural life; an exemplary variant of adult training. p. 14.
- Kashitsyn, P. - A village is the training site. p. 10.
- Antonov, V. - Search for the best car. p. 16.
- Inglin, L. - Special training in industrial enterprises. p. 10.
- On a level with any other subject. p. 20.
- Iakubovskiy, E. - In order not to repeat the second program. p. 20.
- Mikhailov, L. - A victory celebration is beneficial. p. 21.
- Pervitskiy, E. - Seeds and how to protect them. p. 22.
- Ishchenko, M. - Give constant care to batteries. p. 24.
- Nurmagambetov, S. - On the road with a portable piloting board. p. 25.
- Bakurov, I. - A talk with a son. p. 26.
- Belousov, A. - A worthy replacement is being prepared. p. 28.
- Sukhanov, A. - The discussion method. p. 28.
- Il'ichuk, S. - A submachine gun is a reliable friend. p. 30.
- The roads beckon us. p. 32.
- Savin, B. - The formation of future soldiers. p. 32.
- Ready for army service. p. 34.
- Serbinov, S. - A student today, a soldier tomorrow. p. 35.
- Pavlov, A. - Instruments have been improved. p. 38.
- A nice local is signaling. p. 38.
- Rachkov, V. - Radioelectronics on a ship. p. 38.
- Kolushkin, A. - In the steps of the Nazis. p. 40.
- Danilov, A. - Inspecting sport weapons. p. 41.
- Pavlov, A. - Youth of the village, on your marks; all-Union games of collective and elite farm sportsmen. p. 42.
- Davydov, V. - This is how champions grow. p. 42.
- Balitskiy, I. - Motorboat racing; ways of development and problems. p. 44.
- Mikailov, V. - Beware of water! p. 44.
- Lobashov, D. - Preparing a sail. p. 46.
- Prich, V. - Underwater rules of the "Oceanita." p. 47.

a. NAVAL SCIENCE

MOHSKOL SHIBENIK znanost Voenno-Morskogo Flota. Seriya SSII [NAVAL REVIEW. Magazine of the Soviet Navy]. Vol. 58/120, no. 6, June 1968.

Table of contents translated:

- Molodtsov, B. R. - Persistently improving the strength of welded joints. p. 3.
 Oshchepkov, I. A. - Naval units and divisions. From reports of our correspondents. p. 10.
 Sazonov, I. C. - Some notes on calculating the distribution of forces. p. 16.
 Sapozhnikov, A. A. - In the view of the people. p. 20.
 Zolotarevskii, P. L. - Experience in flights over the sea terrain. p. 24.
 Kozlovskii, E. I. - Chief petty officer of a training division. p. 27.
 Smirnov, A. N. - Physical training in desert exercises. p. 31.
 Pashchenko, G. A. - How to learn foreign languages. p. 34.
 Solov'ev, B. G., Kostikov, V. U., Anisimov, A. P. - Problems in navigation. p. 37.
 Papkov, E. A. - Characteristics in approaching a ship. p. 42.
 Pashina, L. I. - War of officers - Army organization. p. 45.
 Mashinikov, B. M. - Russian names of ships on the map of the world. p. 56.
 Vinnogradov, S. K. - Coal on ships. p. 57.
 Ponomarev, G. P. - Selecting working conditions of radar station operators. p. 62.
 Bessonov, V. G., Shumov, M. P., Kuznetsov, E. I. - From experience in repairing synthetic cables. p. 64.
 In the world of science and technology. p. 67.
 Andriyev, V. I. - On the Canal. p. 68.
 Ozerny, G. T. - Piracy in the shores of Vietnam is continuing. p. 75.
 Meetings with readers. p. 85.

RECHNOI TRANSPORT (INLAND WATER TRANSPORTATION). Issued by Ministerstvo Vozdushnogo Flota [Ministry of the Air Fleet]. Moscow, vol. 26, no. 4, April 1968.

Table of contents translated:

- Measures for the early completion of the five-year plan and for an increase in the unit efficiency of river transportation operations. p. 1.
 From an address by participants at a meeting of naval workers in U. S. S. R. river transportation. p. 5.
 Kardin, V. - "Volgaboat" is 20 years old. p. 6.
 Yakovlev, L. - Two encounters with Lenin. p. 9.
 Artyukhin, F. - Improving the service of the fleet. p. 10.
 Mironov, V. - Improving the theory and practice of management methods. p. 12.
 Makarenko, I. O. - Profitability and cost of river passenger service. p. 13.
 Leshin, V. - Check system of expenses according to ships operating in a system of business accounting. p. 16.
 Kulik, L., Kuriksha, A. - Important objective of water transport in the Ukraine. p. 18.
 Tretyakov, I. - Experience in winter time tanker berthing, placing in shipways and shipment of petroleum cargoes. p. 19.

Nikitin, M. - Barge bulldozer. p. 20.

- Solov'ev, V. - Optical graphs for the loading and unloading of ships in harbors. p. 21.
 Justification of the optimal time coefficient in the use of piers for the loading and unloading of ships. p. 23.
 Boronov, L., Sabotkin, S. - Equipment for the repair of the ship propulsion steering complex in shipways. p. 26.
 Sazonov, A. - Work of the U. S. S. R. river region. p. 28.
 Golt, A. - Organization of the "zero stage" in ship repairs from practices of the Lincoln Shipyard. p. 29.
 Dyakonov, V. - Give scientists a basis to the evaluation of the level of the technical operation of ships. p. 30.
 Stokhotov, V., Sirokin, N. - One of the ways of lengthening the time of service of lubrication oil in diesel. p. 32.
 Kuriksha, L. - Quality control of working lubricants in internal combustion engines on ships. p. 33.
 Kontarev, K. - Improving the maneuverability of PR-575 cargo motorships with barges in tow. p. 35.
 Seel'ev, M., Chernikov, L. - New system of light signals in the buoyage. p. 38.
 Serdyukov, A. A. and others - For a longer season of fleet operations on inland waterways. p. 37.
 Kabanov, A. - Work practices of the crew of the "Mavreski-633" dredger. p. 39.
 Dorozhkin, V. - Calculation and modeling of anchor behavior. p. 40.
 Mashakov, N., Britkov, N. - Modernization of technical appliances. p. 42.
 Dubrovskiy, N., Dorozhkin, V. - Field testing of a telemetry type DNT. p. 43.
 Komarov, V., Gerasimov, G. - New transshipment point in Tbilisi. p. 44.
 Zemtsovskii, D. - Norms for the position of light signals on a ship. p. 45.
 Sazonov, V. - Operations of an inland technobarge in marsh service. p. 47.
 Bely, V., Kholatov, E. - Studying special sailing maneuvers during navigation. p. 48.
 Panchuk, A. - Technical substantiation of new industrial equipment. p. 49.
 Lukin, N. - Selecting operating conditions of all-charge pump engines on river dredgers. p. 50.
 Shchegolevskii, G. - Port Zashkum on the Kara Kum Canal. p. 51.
 Agafonov, E. - Will camp beds. p. 52.
 Stupakov, L. - Organizing excursion trips on local passenger lines. p. 57.
 Tsvetkov, E. - Work of volunteer economists under new conditions of management. p. 58.
 Pertukhov, V. - Pusher-operated catamarans for barges. p. 59.
 Kolosov, M. - Guiding vessels through navigation locks by a stream of water. p. 60.
 Polubny, A. - Academician Georgiy Evstaf'yevich Pasternak is 70 years old. p. 61.

REPERATIVNYI ZHURNAL VODNOI TRANSPORT (JOURNAL OF ABSTRACTS: WATER TRANSPORTATION). Issued by Vsesoyuznyi Institut Inzhenerov i Tekhnicheskoi Informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 5-7, May-July 1968. [This journal is also issued in parts]

SUDOSTROENIE (SHIPBUILDING). Organ of Ministry Sudostroeniya i Promyshlennosti SSSR and Khabarovskiy gosudarstvennyi nauchno-issledovatel'skiy tsentr [Ministry of the Shipbuilding Industry of the U. S. S. R. and the Scientific Center of the Shipbuilding Industry]. Leningrad, vol. 28, no. 5 (366), May 1968.

Table of contents translated:

- Day of International Worker's Solidarity. p. 3.
 Anisimov, N. I. - Hydrodynamic position characteristics of ships with arbitrary draft angle. p. 4.
 Dorofeyuk, S. K., Medvedevskaya, L. V. - Method of calculating hydrodynamic pressures on the hull of ships. p. 8.
 Mironov, A. V., Dzyuba, V. E., Ignatov, A. V. and the Laboratory "Sudov 2". p. 11.
 Berdon of letters to the editors. p. 14.
 Shashkin, V. M., Maslennikov, A. A., Shchegolev, V. M. - Effect of local supply by the corner and hull partition (M. K. O. Ton) on the water resistance of a hull in a high-speed ship. p. 15.
 Gurevich, A. M. - Effect of position of a propeller in the flow of a high-pressure boiler. p. 16.
 Kovalchuk, V. F., Shchegolev, V. P., Kabanov, V. P. - Shipyards scale formed during the operation of a ship preparation. p. 23.
 Kozlov, Z. S. - Controlling the programmed work of a ship. p. 26.
 Krasnoludov, V. N., Vainer, M. H. - Protection of marine electric power systems against short-circuiting. p. 28.
 Shlyun, H. L. - Transmutation of an aircraft conditions of hull blades and hull superstructure under these. p. 31.
 Small-size instrument for the registration of up to 400 parameters. p. 34.
 Melnikin, G. A. - Transient conditions of a synchronous generator during electric drive operation on engine gear. p. 36.
 Sivits, P. I. - Power of mechanical braking in asynchronous electric drives on marine catamarans. p. 40.
 Dzhuravskii, G. M., Blatov, L. I. - Selection of types on seagoing ships. p. 44.
 Nikiforov, E. N., Kuznetsov, S. L. - Alaskevich individual protection in cutting means. p. 46.
 Lashin, D. M. and others - Ball scale for accurately metal parking materials. p. 52.
 Pushkin, N. I., Romanov, V. A. - Optimization of transshipping on Lure by superlatinal structures of variation control. p. 55.
 Kapanskii, G. A. - Application of the electric propulsion of a ship's hull. p. 56.
 Evdokimov, O. V. - Calculating the number of hull and hull center cathodic protection. p. 60.
 Vainer, A. P., Maslennikov, K. K., Stupakov, V. P. - Plastic yaw. p. 61.
 Farafonov, M. M. - Naval Guard. p. 66.
 Chernobayev, G. - Shipbuilding. p. 72.
 Bykhovskii, L. A. - Shipbuilding in the face of the future. p. 73.
 Shipbuilders in the people's voluntary corps. p. 75.
 Stupakov, V. I. - "Vodan" Dredging. p. 76.
 Shchegolev, L. A. - Victory over the Swedes. p. 79.
 Koshchikov, E. G. - An exploit of Russian sailing ship. p. 77.

1787

Trk. gos. politekh. inst. Sib. i Dal'n. Vost. (14a)	Irskul'skiy gosudarstvennyy tekhnicheskii institut Sibiri i Dal'nego Vostoka. Izvestiya [Irskul'sk State Technical Institute of Siberia and the Far East. Bulletin]	Mosk. zhur. prom. (15c)	Mosk. zhurnal prom. (15c)	Mosk. zhurnal prom. (15c)	Mosk. zhurnal prom. (15c)
Izv. TINRO (15b)	Vladivostok. Tikhookeanskii nauchno-issledovatel'skii institut rybnogo khozaistva i okeanografi. Izvestiya [Pacific Ocean Scientific Research Institute of Fisheries and Oceanography. Bulletin]	Mat. i tekhn. snazhen. (15b)	Mat. i tekhn. snazhen. (15b)	Mat. i tekhn. snazhen. (15b)	Mat. i tekhn. snazhen. (15b)
Izv. VNIIG (16d)	Levograd. Vsesoyuznyi nauchno-issledovatel'skii institut gidrotekhniki. Izvestiya [All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin]	Med. ref. zhur. (14a)	Med. ref. zhur. (14a)	Med. ref. zhur. (14a)	Med. ref. zhur. (14a)
Izv. vys. ucheb. zav. i Chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i Chern. met. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]	Mekh. stroit. (16d)	Mekh. stroit. (16d)	Mekh. stroit. (16d)	Mekh. stroit. (16d)
Izv. vys. ucheb. zav. i gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i gor. zhur. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]	Met. i gornorod. prom. (16h)	Met. i gornorod. prom. (16h)	Met. i gornorod. prom. (16h)	Met. i gornorod. prom. (16h)
Izv. vys. ucheb. zav. i khim. i tekhn. (16d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i khim. i tekhn. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]	Metall. i obr. met. (16h)	Metall. i obr. met. (16h)	Metall. i obr. met. (16h)	Metall. i obr. met. (16h)
Izv. vys. ucheb. zav. i mal. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i mal. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematical]	Metallurg. (16h)	Metallurg. (16h)	Metallurg. (16h)	Metallurg. (16h)
Izv. vys. ucheb. zav. i nef. i gaz. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i nef. i gaz. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]	Mezhdunar. zhizn' (6)	Mezhdunar. zhizn' (6)	Mezhdunar. zhizn' (6)	Mezhdunar. zhizn' (6)
Izv. vys. ucheb. zav. i prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i prib. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Mik. i filopat. (13e)	Mik. i filopat. (13e)	Mik. i filopat. (13e)	Mik. i filopat. (13e)
Izv. vys. ucheb. zav. i tekhn. iug. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii i tekhn. iug. prom. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]	Mor. zhur. (17b)	Mor. zhur. (17b)	Mor. zhur. (17b)	Mor. zhur. (17b)
Kardiologiya (14a)	Kardiologiya [Cardiology]	NTO (16a)	NTO (16a)	NTO (16a)	NTO (16a)
Khar. prom. (16f)	Khar. prom. [Food Industry]	Na stroit. Ros. (16d)	Na stroit. Ros. (16d)	Na stroit. Ros. (16d)	Na stroit. Ros. (16d)
Khim. i ma. shinostr. (16c)	Khim. i ma. shinostr. [Chemical and Machinery Manufacture]	Nar. Azii i Afri. (4a)	Nar. Azii i Afri. (4a)	Nar. Azii i Afri. (4a)	Nar. Azii i Afri. (4a)
Khim. i tekhn. topl. i mashin. (16e)	Khim. i tekhn. topl. i mashin. [Chemistry and Technology of Fuel and Oil]	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)
Khim. mashinost. (16c)	Khim. mashinost. [Chemical Machinery Manufacture]	Nauk. dokl. v. shkoly i biol. nauk. (13c)	Nauk. dokl. v. shkoly i biol. nauk. (13c)	Nauk. dokl. v. shkoly i biol. nauk. (13c)	Nauk. dokl. v. shkoly i biol. nauk. (13c)
Khim. prom. (16e)	Khim. prom. [Chemical Industries]	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)
Khim. prom. Ukr. (16c)	Khim. prom. Ukr. [Chemical Industries of Ukraine]	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)
Khim. tekhn. (16c)	Khim. tekhn. [Chemical Technology]	Nar. Azii i Afri. (4a)	Nar. Azii i Afri. (4a)	Nar. Azii i Afri. (4a)	Nar. Azii i Afri. (4a)
Khim. v. enech. (13a)	Khim. v. enech. [High-Energy Chemistry]	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)
Khib. i kond. prom. (16f)	Khib. i kond. prom. [Baking and Confectionary Industry]	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)	Nauk. dokl. v. shkoly i ekon. nauk. (5h)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)	Nat. i tekhn. (16d)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)	Nar. Khuz. Kazakh. (5b)
Khib. i tekhn. iug. prom. (16f)	Khib. i tekhn. iug. prom. [Baking and Confectionary Industry]	Nauk. dokl. v.			

Plast. massy (10c)	Plasticheskie massy [Plastics]	Ref. zhur.: 1981, kosm. profil. (13b)	Referativnyi zhurnal: Issledovanie kosmicheskogo prostranstva (Odel'nyi vypusk 52) [Journal of Abstracts: Space Research (Separate Issue 52)]
Pril. i sist. avtom. (16c)	Primorye i sistemy avtomatiki [Apparatus and Systems of Automatic Control]	Ref. zhur.: Khim. i tekhn. mash. (13d)	Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry]
Pril. i tekhn. eksp. (13f)	Prilozheniya i tekhnika eksperimenta [Instruments and Experimental Techniques]	Ref. zhur.: Khim. i tekhn. mash. (13e)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]
Pril. geofiz. (18h)	Prilozheniya geofiziki [Applied Geophysics]	Ref. zhur.: Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Pril. mat. i mekh. (13e)	Prilozheniya matematiki i mekhaniki [Applied Mathematics and Mechanics]	Ref. zhur.: Khim. i tekhn. mash. (13f)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 48) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 48)]
Pril. mekh. (16g)	Prilozheniya mekhaniki [Applied Mechanics]	Ref. zhur.: Kib. (13b)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Probl. difr. i raspr. voln (13f)	Problemy difraktsii i rasprostraneniya voln [Problems in Wave Diffraction and Propagation]	Ref. zhur.: Khim. i tekhn. mash. (13g)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 49) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 49)]
Probl. endok. (13d)	Problemy endokrinologii [Problems of Endocrinology]	Ref. zhur.: Kib. (13c)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Probl. gidroenerg. i vod. zhur. (18e)	Problemy gidroenergetiki i vodnykh khoz. istov. [Problems in Hydroelectric Power and Water Resources]	Ref. zhur.: Khim. i tekhn. mash. (13h)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 50) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 50)]
Probl. kosm. fiz. (13h)	Problemy kosmicheskoi fiziki [Problems of Cosmic Physics]	Ref. zhur.: Kib. (13d)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Probl. Sev. (13i)	Problemy Severa [Problems of the North]	Ref. zhur.: Khim. i tekhn. mash. (13i)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 51) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 51)]
Probl. Arm. (16j)	Problemy Armii [Problems of the Army]	Ref. zhur.: Kib. (13e)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Probl. stroit. (16k)	Problemy stroitel'stva [Problems of Construction]	Ref. zhur.: Khim. i tekhn. mash. (13j)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 52) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 52)]
Rad. prav. (17)	Radikal'nye prav. [Radical Laws]	Ref. zhur.: Kib. (13f)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Radio (18e)	Radio	Ref. zhur.: Khim. i tekhn. mash. (13k)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 53) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 53)]
Radiobiologiya (13c)	Radiobiologiya [Radiobiology]	Ref. zhur.: Kib. (13g)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Radiokhimiya (13d)	Radiokhimiya [Radiochemistry]	Ref. zhur.: Khim. i tekhn. mash. (13l)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 54) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 54)]
Radiotekhn. i elektron. (18e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Ref. zhur.: Kib. (13h)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Razrab. i razv. pol. iskop. (Kiev) (10h)	Razrabotka i razvitiye poleznykh iskopaemykh [Development of Mineral Deposits]	Ref. zhur.: Khim. i tekhn. mash. (13m)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 55) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 55)]
Razved. geofiz. (16h)	Razvedka geofizika [Prospecting Geophysics]	Ref. zhur.: Kib. (13i)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Rech. i transp. (17b)	Rech. i transport [Inland Water Transportation]	Ref. zhur.: Khim. i tekhn. mash. (13n)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 56) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 56)]
Ref. zhur.: Astron. (13b)	Referativnyi zhurnal: Astronomiya (Odel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]	Ref. zhur.: Kib. (13j)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18h)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 34) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 34)]	Ref. zhur.: Khim. i tekhn. mash. (13o)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 57) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 57)]
Ref. zhur.: Av. i tekhn. (18d)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 35) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 35)]	Ref. zhur.: Kib. (13k)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18e)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 36) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 36)]	Ref. zhur.: Khim. i tekhn. mash. (13p)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 58) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 58)]
Ref. zhur.: Av. i tekhn. (18f)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 37) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 37)]	Ref. zhur.: Kib. (13l)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18g)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 38) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 38)]	Ref. zhur.: Khim. i tekhn. mash. (13q)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 59) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 59)]
Ref. zhur.: Av. i tekhn. (18h)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 39) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 39)]	Ref. zhur.: Kib. (13m)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18i)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 40) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 40)]	Ref. zhur.: Khim. i tekhn. mash. (13r)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 60) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 60)]
Ref. zhur.: Av. i tekhn. (18j)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 41) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 41)]	Ref. zhur.: Kib. (13n)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18k)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 42) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 42)]	Ref. zhur.: Khim. i tekhn. mash. (13s)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 61) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 61)]
Ref. zhur.: Av. i tekhn. (18l)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 43) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 43)]	Ref. zhur.: Kib. (13o)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18m)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 44) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 44)]	Ref. zhur.: Khim. i tekhn. mash. (13t)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 62) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 62)]
Ref. zhur.: Av. i tekhn. (18n)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 45) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 45)]	Ref. zhur.: Kib. (13p)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Ref. zhur.: Av. i tekhn. (18o)	Referativnyi zhurnal: Aviatransport i tekhnika (Odel'nyi vypusk 46) [Journal of Abstracts: Aviation and Technical Engineering (Separate Issue 46)]	Ref. zhur.: Khim. i tekhn. mash. (13u)	Referativnyi zhurnal: Khimicheskoe i tekhnologicheskoe mashinostroyeniye (Odel'nyi vypusk 63) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 63)]
Ref. zh			

Trudy, Ural. elektromekhh. inst. i zh. zhur. dov. transp. (16e)	Sverdlovsk. Ural'skii elektromekhanicheskii institut Inzhenerov zheleznodorozhnogo transporta. Trudy [Ural Electromechanical Institute of Engineers of Rail- road Transportation. Transactions]	Ukr. tsit. zhur. (4a)	Ukrains'kyi istorichnyi zhurnal [Ukrainian Historical Journal]
Trudy Ural. politekhh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]	Dsp. khim. (3d)	Dopiski khimii [Processes in Chemistry]
Trudy VASKHOMa (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut sel'skokhozyaistvennogo inzhiniringa. Trudy [All- Union Scientific Research Institute of Agricultural Ma- chinery Manufacture. Transactions]	Usp. mat. nauk (13c)	Uspekhi matematicheskikh nauk [Progress in the Mathe- matical Sciences]
Trudy VILa (15a)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut udobrenii i agropokhovovedeniia. Trudy [All-Union Scientific Research Institute of Fertilizers and Soil Science. Transactions]	Ved. Verkh. Sov. SSSR (17)	Russkii [1923- U.S.S.R.] Verkhniy Sovet, Vestnik [Supreme Soviet, Gazette]
Trudy VNIi-L. Merzt. (12b)	Magadan. Vsesoyuznyi nauchno-issledovatel'skii institut zolota i redkikh metallor. Trudy. Merzhovovedeniie [All-Union Scientific Research Institute of Gold and Rare Metals. Transactions. Permatolite Studies]	Vest. AMN SSSR (14a)	Akademicheskii molodinskikh nauk SSSR. Moscow, Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Trudy VNIIE (16e)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut elektroenergetiki. Trudy [All-Union Scientific Research Institute of Electric Power Engineering. Transactions]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University, Review]
Trudy VNIIMIO (14a)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut meditsinskogo instrumentaniia i laboratornogo. Trudy [All-Union Scientific Research Institute of Medical Instruments and Equipment. Transactions]	Vest. Mosk. un. Ser. 1: Mat., mekh. (13e)	Moscow. Universitet. Vestnik. Seria 1: Matematika, me- khanika [University. Review. Series 1: Mathematics, Mechanics]
Trudy VNIIR7 (16v)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut magnitnogo zapiska i televideniia i radiovesti. Trudy [All-Union Scientific Research Institute of Magnetic Recording and Television Engineering. Transactions]	Vest. Mosk. un. Ser. 2: Khim. (13d)	Moscow. Universitet. Vestnik. Seria 2: Khimiia [Uni- versity, Review. Series 2: Chemistry]
Trudy VSEGEI (12r)	Leningrad. Vsesoyuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]	Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seria 4: Geologiya [Uni- versity, Review. Series 4: Geology]
TShment (16d)	TShment [Cement]	Vest. puti i vozdukh. zhur. (17a)	Vestnik puti i vozdukhazhnoye plorony [Air Defense Review]
Uch. zap. GGPI (1a)	Grozny. Chcheno-linguisticheskii gosudarstvennyi pedagogi- cheskii institut. Uchenye zapiski [Chechen-Ingush State Pedagogical Institute. Studies]	Vest. AN SSSR. Ser. biol. nav. (13c)	Akademicheskii nauk SSSR, Minsk. Vestnik. Seriya biologich- nykh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]
Tyl i snab. Sov. Voor. SII (17a)	Tyl i snabizheniye Sovetskikh Vooruzhennykh Sil [The Rear and Supply of the Soviet Armed Forces]	Vest. AN SSSR. Ser. fiz.-tekhn. nav. (13f)	Akademicheskii nauk SSSR, Minsk. Vestnik. Seriya fizika- licheskikh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Physical and Technological Sciences]
Uch. zap. Inst. farm. i khimio- ter. AMN SSSR (14f)	Akademicheskii meditsinskikh nauk SSSR, Moscow. Institut farmakologii i khimioterapii. Uchenye zapiski [Academy of Medical Sciences of the U.S.S.R. Institute of Pharmacology and Chemotherapy. Studies]	Veterinaria (15b)	Veterinaria [Veterinary Medicine]
Uch. zap. Irk. gos. ped. inst. (1a)	Irkutsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vod. i snab. tekhn. (16g)	Vodopostavleniye i snabizheniye tekhnika [Water Supply and Sanitary Engineering]
Uch. zap. Ivaa. gos. ped. inst. (1a)	Ivano-vo. Gosudarstvennyi pedagogicheskii institut. Uchen- nye zapiski [State Pedagogical Institute. Studies]	Voen. znaniia (17a)	Voennyye znaniia [Military Knowledge]
Uch. zap. KVI (15b)	Kazani. Veterinarnyi institut. Uchenye zapiski [Veterinary Institute. Studies]	Vop. ekol. (5b)	Voprosy ekologii [Problems of Ecology]
Uch. zap. Kal. giz. ped. inst. (1a)	Kaluzin. Pedagogicheskii institut. Uchenye zapiski [Peda- gogical Institute. Studies]	Vop. genetich. (16f)	Voprosy geneticheskoi [Problems of genetics]
Uch. zap. Kaz. un. (1a)	Kazani. Universitet. Uchenye zapiski [University Studies]	Vop. gidr. (10d)	Voprosy gidrotekhniki [Problems of Hydraulic Engineering]
Uch. zap. Kish. un. (1a)	Kishinov. Universitet. Uchenye zapiski [Univer- sity, Studies]	Vop. magm. i metam. (12c)	Voprosy magmatizma i metamorfizma [Problems in Magmatic activity and Metamorphism]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University Studies]	Vop. onk. (14c)	Voprosy onkologii [Problems of Oncology]
Uch. zap. Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvin State University. Studies]	Vop. puti. transp. (16h)	Voprosy puti i transporta [Problems of Mine Trans- port]
Uch. zap. Nov. gos. ped. inst. (1a)	Novgorodskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Novgorod State Pedagogical Institute. Studies]	Vop. teor. plaz. (13f)	Voprosy teorii plazmy [Problems in the Theory of Plasma]
Uch. zap. PDI (16a)	Penza. Politehnicheskii institut. Uchenye zapiski [Polytechnic Institute. Studies]	Vych. met. i prog. (13c)	Vychislitel'nye metody i programirovaniye [Computation Methods and Programming]. Issued by Vychislitel'nyi tsentr Moskovskogo universiteta [Computational Center of Moscow University]
Uch. zap. Ped. inst. Geris. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gerisona. Uchenye zapiski [A. I. Horizov State Pedagogical Institute. Studies]	Vysokomol. soed. Ser. A (13h)	Vysokomolekulyarnyye soedineniya. Seriya A [Macromolecular Compounds. Series A]
Uch. zap. Ponz. gos. ped. inst. (1a)	Penza. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Zap. LOI (16h)	Leningrad. Gornyi institut. Zapiski [Institute of Mining. Records]
Uch. zap. Perm. gos. un. (1a)	Perm. Universitet. Uchenye zapiski [University. Studies]	Ziv. lab (16i)	Zivinskaya laboratoriya [The Military Laboratory]
Uch. zap. Perm. ped. inst. (1a)	Perm. Pedagogicheskii institut. Uchenye zapiski [Peda- gogical Institute. Studies]	Zemlevedeniye (12b)	Zemlevedeniye [Physical Geography]
Uch. zap. Peiruzav. gos. un. (1a)	Peirozavodsk. Universitet. Uchenye zapiski [University. Studies]	Zhizn' Zem. (12c)	Zhizn' Zemli; abornik [Life of the Earth]
Uch. zap. RGPI (1a)	Ryazan. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chem- istry]
Uch. zap. TGU (1a)	Tomsk. Universitet. Uchenye zapiski [University. Studies]	Zhur. mikrobiol., epid. i immu- (14a)	Zhurnal mikrobiologii, epidemiologii i immunologii [Journal of Microbiology, Epidemiology, and Immuno- biology]
Ukr. bol. zhur. (13c)	Ukrains'kyi bolintichnyi zhurnal [Ukrainian Botanical Journal]	Zhur. nauch. i prikl. tol. i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografi [Journal of Scientific and Applied Photography and Cinema- tophography]
Ukr. fiz. zhur. (13i)	Ukrains'kyi fizichnyi zhurnal [Ukrainian Physics Journal]	Zhur. ob. biol. (13c)	Zhurnal obshchego biologii [Journal of General Biology]
		Zhur. org. khim. (13d)	Zhurnal organicheskoi khimii [Journal of Organic Chem- istry]
		Zhur. prikl. khim. (10c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
		Zhur. prikl. spektr. (13i)	Zhurnal prikladnoi spektroskopii [Journal of Applied Spec- troscopy]
		Zhur. VKHO (13i)	Vsesoyuznoe khimicheskoe obshchestvo imeni D. I. Men- del'eva. Zhurnal [D. I. Mendeleev All-Union Chemical Society. Journal]
		Zhur. vych. mat. i mat. fiz. (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathe- matical Physics]

- Technology for the North** Exhibition, 1966-1969. I. A. Koshchev, D. F. Gvozdev, Prom. Arm., no. 13-27-280, 1969.
- New models of sanitary engineering equipment and fittings. Ved. i san. tekhn., no. 3-39-40, F. 96.
- Results of the competition have been summed up. "U. Savin, Eksp. tekhn., 43 no. 3-121, 1968.
- Sanitation technology at the Moscow International Chemical Exhibition. Ved. i san. tekhn., no. 2-36-40, F. 96.
- Scientific competition in the anniversary year. K. A. Martschenko, L. A. Dolgova, Stroitel'skaya shkola, 9 no. 4-14-43, 1967.
- Scientific assistance. I. P. Golubeva, Stroitel'skaya shkola, 9 no. 4-14-43, 1967.
- Yapshava in Sokolniki. A. Ismailov, Prom. Arm., 10 no. 10-10-45-46, 1967.

06.07 Various activities

- Everyday work of the scientific and technical societies of the U.S.S.R. II Mezhdunarodn. Prom. Arm., 10 no. 9-10-70-71, 1967.
- Sanitary districts and fleets. Komm. Voenush. Sil., 10 no. 4-4-94-96, F. 90.
- Sanitary districts and fleets. Komm. Voenush. Sil., 49 no. 7-9-94-96, F. 94.

- 06.09 Historic, inaugural, commemorative celebrations**
- Great wishes for the holiday, dear Moscowites! Gork. Kraz., 1968, no. 12-17-23 II, 1967.
- Centennial of I. K. Chernomir's discovery of polynuclear transformation in steel, 1866-1966. A. F. Golovin, Metalloved. i term. obrab. met., no. 5-2-8, Nov. 1966.
- A chronicle of our days. Nov. vrem., no. 25-1-2, Febr. 1966.
- Dedicated to the glorious anniversary. V. I. Lebedev, I. M. Piskacheva, Ved. i G. U. 23 no. 6-10-102, Febr. 1966.
- Forelaid epitaphs to Moscow. Gork. Kraz., Mosk., 11 no. 12-23-24, Febr. 1967.
- Peace Week in the Baltic Sea area. I. Ivashina, Nov. vrem., 26 no. 1-13, Apr. 1968.
- Was and is the working class? Muzh. Leningr., Nov. vrem., 14, 25-24, Febr. 1968.

06.09(438)—Poland

- The July Manifesto. K. Malczewski, Nov. vrem., 26 no. 10-19-20, Febr. 1968.

06.09(471, 232)—Leningrad City

- Practical ethics. S. Matveev, Prom. Arm., 10 no. 11-28, 1967.

06.09(477)—Ukrainian S.S.R.

- Anniversary session of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSR, Ser. B, 30 no. 3: 195, Mar. 1968.

06.09(479, 25)—Armenian S.S.R.

- Practical ethics. S. Matveev, Prom. Arm., 10 no. 11-28, 1967.

06.09(502)—Northeast Africa, Egypt and Sudan

- The revolution anniversary on the Nile. Nov. vrem., 26 no. 30-31, Febr. 1968.

961 Institutions, associations, congresses, etc.

- Agromedical supplies: notes from the Congress of Agromedicalists of Kiev Province. P. Polyanski, Zemel'del'no, 30 no. 6-10-67, Febr. 1968.

- Akademiya nauk SSSR. Biblioteka.** [Transactions and materials of scientific congresses and conferences published in foreign countries in 1966. Index] Trudy i materialy nauchnykh kongressov i soveshchaniy, opublikovannykh za rubezhom v 1966 godu. [Kazatel']. Otv. red. N. V. Medvedev. Leningrad, Izdatel'skii otdel biblioteki AN SSSR.

Vyp. 7, 1968, 110 p.

- All-Union conference of the workers of drilling organizations. Azerb. uch. khoz., 17 no. 3-3 of inside cover, May 1968.

- All-Union conference of workers of the chemical industry of the U.S.S.R. V. A. Novitskiy, Khim. prom., 11 no. 1-71-73, Apr. 1968.

- All-Union conference on problems of the development and distribution of industry. K. I. Gofen, F. G. Garvich, Eksp. i uch. metod., 1 no. 2-28-295, May 1968.

- All-Union Coordinating Conference on Processing Highly Decomposed Peat by Hydrolysis. A. F. Lesnik, Gidroliz i tseolitizatsiya, 21 no. 4-31-32, 1967.

- All-Union coordinating conference on problems of an cooling of gas turbines. V. G. Tyshchuk, Leningrad'shinskoye uch. no. 6-20, Febr. 1968.

- All-Union interdepartmental conference on problems of the theory and practice of breeding acropolyptery, L. N. Shkape, Biol. nauch. tekhn. inform. VIMS no. 7: 93-102, 1967.

- All-Union school for the exchange of experience in controlling sand outbursts of coal, rock and gas in coal mines. F. I. A. Rozendberg, Shkoly i kursy, 12 no. 2-29-31, Febr. 1968.

- All-Union seminar of workers of the breeding and soft drink industry. I. G. Nedolov, Term. i mash. prom., 10 no. 3-11-12, 1968.

- Atlatiki kraevoye s'ezd toropovoy, 3d.** [Problems of cardiology and hematology. Materials] Voprosy kardiologii i gematologii. Materialy. Barnaul, 1967, 187 p. (DNLM).

- Anniversary conference of the mining workers of Crimea. Khar. prom., 1 no. 1-60, Jan. 1968.

- Anniversary session of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSR, Ser. B, 30 no. 3: 195, Mar. 1968.

- Anniversary session of the Academy of Sciences of the Moldavian S.S.R. Vestn. AN RSSR, Ser. Khim. i fiz., 4 no. 4-120, 1967.

- All-Union meeting. G. Babkin, Tyt i snab. Sov. Vostok, 10 no. 1-139, Jan. 1968.

- All-Union Academy of Sciences. Prom. Arm., 10 no. 9-10-68, 1967.

- All-Union Congress on the Scientific Organization of Labor in the Food Industry. Kras. i osv. prom., 23 no. 1-43-45, Apr. 1968.

- All-Union Conference. M. Solov'yev, F. Koshchuk, Mash. i stroit. prom., 31 no. 5-27, May 1967.

- Atmospheric optics.** [Transactions of conferences on atmospheric optics of the Commission of Optical Unstability of the Earth's Atmosphere of the Astronomical Council of the Academy of Sciences of the U.S.S.R.]

- Pulkovo, November-December 1965 and December 1966. Atmosfernaya optika. (Trudy Sovetskoye po atmosf. i optike Koms. po opt. ustabil'nosti zentral'noy atmosf. Astronomiya AN SSSR. Pulkovo, astrobizn. dok., 1965 p. 1 dek., 1966 p.) Moskva, Nauka, 1968, 191 p.

- Azerbaidzhanское nauchnoe farmatsevticheskoe obshchestvo.** [Materials of the Out-of-Town Scientific and Practical Conference of the Azerbaijan Scientific Pharmaceutical Society held in Kirovabad]. Materialy vyzvalnogo nauchno-prakticheskogo konferentsii Azerbaidzhan'skogo nauchnogo farmatsevticheskogo obshchestva v g. Kirovabad. Baku, 1967, 141 p.

- Certain problems in the improvement of mine building. V. N. Goltser, Shkoly i kursy, 12 no. 1-20-20, Apr. 1968.

- Certain problems of Oriental culture at the Tarte conference. A. V. Gerasimov, E. V. Zayadovskiy, R. L. Ogibko, Nar. Az. i Afr., no. 2-244-247, 1968.

- A common chance. Nov. vrem., 26 no. 10-1-2, Febr. 1968.

- Concentrate attention on unsolved problems; from the All-Union Conference of Active Workers of the Microbiological Industry. Gidroliz i tseolitizatsiya, 21 no. 4-2-3, 1968.

- Conclusions of the Third All-Union public discussion on the fulfillment of the plans for the development of scientific achievements and technology in the U.S.S.R. and of measures taken to improve the quality of the production of the U.S.S.R. domestic and foreign products. Term. i mash. prom., 10 no. 1-11-13, 1968.

- Conference of efficiency promoters of the alcohol, liquid and vodka industry of the Ukrainian S.S.R. E. I. Ushakov, Term. i mash. prom., no. 4-31, 1968.

- Conference of the accounting activities of the fishing industry. Rabot. i uch. metod., 27 no. 5-10-10, May 1968.

- Conference of the activities of the dairy industry of Ukraine. V. S. Neutsov, S. G. Koshchukova, Khar. prom., 9 no. 3-4-56, May 1968.

- Conference of the Workers of Enterprises of the Main Administration of Fishery. Food, History and Tea Products. Kras. i osv. prom., 27 no. 4-15, Apr. 1968.

- Conference on the problems of drying yeast and Hylin. V. I. Polynovskiy, Gidroliz i tseolitizatsiya, 21 no. 4-31, 1968.

- [Conclusions. Materials of a discussion on problems of consciousness at a symposium held on June 1-3, 1966 in Moscow]** Soznanie. Materialy obshchestvennogo problema soznania na simpoziume, sostoyavshemsya 1-3 iuna 1966 g. v Moskve. Pod red. V. M. Kuznetsova i dr. Moskva, 1967, 357 p.

- Conducting conference on the topic: "Use of ice as a construction material." V. I. Stetsko, S. M. Alekshin, Gidroliz i tseolitizatsiya, 21 no. 4-31, 1968.

- Creative activity of young specialists in the Ministry of the Gas Industry. P. T. Eroshenko, Stroitel'stvo, 13 no. 2-1, Febr. 1968.

- Discussions of the social sciences in the Ukrainian S.S.R.; lecture by Academician L. K. Tolstikhin, section head of the social sciences, vice-president of the Academy of Sciences of the Ukrainian S.S.R. Dop. AN URSR, Ser. B, 30 no. 3-2-212, Mar. 1968.

- Eleventh Scientific Conference of Age-Related Morphology, Physiology and Biochemistry.** N. I. Gorenova, V. V. Lapina, Arkh. anat., emb. i emb., 51 no. 5-12-16, May 1968.

- Fifth Czechoslovakian Conference on Heating and Ventilation of business buildings. Ved. i san. tekhn., no. 5-40-11, May 1968.

- Fifth Congress of the Scientific-Technical Society. Gidroliz i tseolitizatsiya, 21 no. 4-31-41, 1968.

- The 25th scientific technical youth conference in the "Gidromekh" Institute. V. S. Smetanich, Gidroliz i tseolitizatsiya, 21 no. 4-31-41, 1968.

- First experimental work under new economic conditions. A. I. Babkin, Term. i mash. prom., no. 4-32-34, 1968.

- First International Symposium on the History of Geology. K. P. Mal'nevskiy, Vestn. Mosk. un. Ser. 4 Geol., 23 no. 4-107, May 1968.

- Fourth Conference of Trade Unions. NPO 10 no. 3-5, May 1968.

- Fourth European Conference on Comparative Endocrinology. K. S. Zhigachuk, V. V. Alenkov, Znan. obshch., 29 no. 3-18-37, May 1968.

- General session of the Academy of Sciences of the Turkmen S.S.R. V. A. Gorenukhina, Izv. AN Turk. SSR, Ser. Biol. nauk, no. 1-125-10, 1968.

- In the Committee of Standards, Measures and Measuring Instruments of the Council of Ministers of the U.S.S.R. Stand. i uch. 32 no. 1-81-82, Jan. 1968.

- In the Scientific and Technical Council of the Ministry of Chemical and Petroleum Machinery Industry. V. I. Radkev, Shkoly i kursy, 12 no. 5-10-12, May 1968.

- Information and brief news. V. E. Shishkov and others. Veterinariya 45 no. 6-117-122, Febr. 1968.

- Informative report on the 3d All-Union Conference on the Biogeography of Raw Materials. IU. A. Platenko, Rost. i zhizn., 32 no. 6-118-119, 1967.

- Insert: documents: The Warsaw meeting of party and government leaders of the socialist countries. A letter to the Central Committee of the Communist Party of Czechoslovakia. Nov. vrem., 26 no. 10-27-32, Febr. 1968.

- International conference on histopathological nomenclature and classification of tumors of the ovaries. S. F. Serov, Vop. onk., 13 no. 3-116-119, 1968.

- International conference on industrial power systems. Energ. i tekhn., no. 1-51, Jan. 1968.

- Irkutskii nauchno-issledovatel'skii institut epidemiologii i mikrobiologii. [Materials of the Scientific Conference of the Irkutsk Scientific and Research Institute of Epidemiology and Microbiology] Materialy nauchnoy konferentsii Irkutsk. Vostochno-Sibirskoye kn. izd., 1967, 170 p.

- Konferentsiya biokhimikey respubliki Srednei Azii** [Kazakhstan, Isl. Alau-Ara, 1968]. [Transactions of the 1st Conference of Biochemists of the Republic of Central Asia and Kazakhstan] Tudy. Tashkent, "Fan," 1967, 401 p.

- Leningradskii elektrotekhnicheskii institut svyazi.** [Materials of the Anniversary Scientific and Technological Conference of the Leningrad Electrical Engineering Institute of Communication, March 25-31, 1967] Materialy Leningrad'skogo elektrotekhnicheskogo konferentsii L.EIS, 25-31 marta 1967 goda. Leningrad.

- Vyp. 1. 1967 106 p.

- Vyp. 2. 1967 109 p.

- Vyp. 4. 1967 255 p.

- Vyp. 5. 1967 113 p.

- Machines exhibit at the International Symposium of Mechanization and Automation of Agricultural Production. S. I. Babin, Tekhn. i mash. stroitel'stvo, no. 3-11-12, Mar. 1968.

- Materials of the International Scientific Conference in Moscow from 1968. Meditsina, zhurnal, 12 no. 7-56-101, 1968.

- Meeting of several branches of industry in the manufacture of generating machinery. Energ. i tekhn., no. 1-51, Jan. 1968.

- Meeting of the Executive Committee of the International Cooperative Alliance. A. Koshchuk, Sov. poireb. khoz., 12 no. 4-50-51, Apr. 1968.

- Meeting the president. G. Bagratyan, Prom. Arm., 10 no. 9-10-107-108, 1967.

- Mezhdunarodnaya nauchno-prakticheskaya konferentsiya akusherov i ginekologov zapadnykh oblastei SSSR, 3d, 1967.** [Materials of the Third International Scientific and Practical Conference of Obstetricians and Gynecologists of the Western Provinces of the Ukrainian S.S.R.] Materialy konferentsii. L'viv, 1967, 385 p. (DNLM).

- New center for scientific and technological displays. S. A. Solov'yev, Shkoly i kursy, 32 no. 1-81-81, Jan. 1968.

- 9th International Congress on Large Dams. L. I. Shcherbinin, Gidroliz i tseolitizatsiya, 21 no. 4-31, 1968.

- On the threshold of the 2nd Congress of the CPSU. Stroitel'stvo, 11 no. 2-1-2, Febr. 1968.

- Participation of Moscow University students in research on the program of the International Geophysical Year. V. G. Koshchuk, Zhurnal Zem., no. 3-243-248, 1968.

- Participation of the Museum of Earth Sciences in the Second Plenum of the Scientific-Mathematical Council on the Activity of Museums. N. G. Dik, V. G. Khodutskiy, Zhurnal Zem., no. 3-246-247, 1968.

- Report of the commission on the study of trace elements of the Siberian Department of the Academy of Sciences of the U.S.S.R. for 1966. O. V. Makovskiy and others. Mikroelementy v SSSR, no. 5-26-26, 1967.

- Research by the All-Union Scientific Research Institute of Hydraulic Engineering in a contribution to Soviet hydraulic and electric power engineering. M. P. Skitsarev, A. A. Pribludnikin, Izv. VNIIE 81-5-32, 1967.

- Results of the work of the anniversary scientific conference dedicated to the 70th birthday of Professor I. G. Ioff, I. G. Maslennikov, Znan. obshch., 29 no. 3-18-18, May 1968.

- Reel builders' meet in Tashkent. I. Antonov, Avi. dor., 20 no. 1-32, Jan. 1968.

- School of practical work. I. S. Il'ina, Khar. prom., 9 no. 2-50-61, May 1968.

- Scientific conference dedicated to experimental and clinical studies of new anticancer antibiotics: rubomycin, chloromycin and bromomycin. T. A. Usmanova, Vestn. AN SSSR, 23 no. 3-1-01, 1968.

- Scientific Conference on Vegetable Gardening. L. I. Varshavskiy, Kras. i osv. prom., 23 no. 1-45, Apr. 1968.

- Second All-Union Interdisciplinary Scientific-Research Conference on Ventilation and Ventilation Equipment. P. A. Abramov, N. A. Prutov, V. G. Koshchuk, Pezop. trudy i prom., 12 no. 9-81-62, Jan. 1968.

- Seminar-conference of workers of the bread baking industry. G. I. Tyshchuk, L. E. Volodarskaya, Khar. prom., 9 no. 3-55, May 1968.

- Seminar of Collectors-Preparators of the Ukraine. U. G. Koshchuk, Khar. prom., 9 no. 2-57-58, May 1968.

- Seminar on modern methods of drilling and sampling of hydrological test holes. Ved. i san. tekhn., no. 5-40, 1968.

- Seminar on small water supply and sewerage systems. Ved. i san. tekhn., no. 2-40-41, Febr. 1968.

- Seminar on technical safety at enterprises of the sugar industry of Ukraine. I. A. Koshchuk, A. I. Koshchuk, Khar. prom., 9 no. 1-59-60, Jan. 1968.

- Seminar on the scientific organization of labor of the confectionery industry. T. I. Mikheeva, V. N. Nikiforova, Khleb, i konf. prom., 12 no. 5-41-45, May 1968.

- Sixth Congress of the A. S. Popov Scientific and Technical Society of Radio and Electronics. Elektrosv'az' 22 no. 4-70, Apr. 1968.

- Sixth Congress of the Departmental Scientific-Technical Society. Mekh. i elev. prom., 31 no. 5-6-0, May 1968.

- Sovetskaya fiziko-khimiya, 20-3d, 1968-1969.** [Metallurgy Physical Chemistry and Metallurgy of Superconductors. Translations] Metallovedenie, fiziko-khimiya i metallurgiya superprovodnikov. Trudy, Moskva, Nauka, 1967, 187 p.

[Effectiveness of scientific and technological creative work]. *Uchebnyy nauchno-tekhnicheskoy i izobrechiv.* Moskva, "Nauka," 1968. 163 p. Seriya "Organizatsiya i upravleniye".

Volkov, G. N. [Science and society]. *Nauka i obshchestvo.* Moskva, "Znanie," 1967. 63 p. (Novoe v zhizni, nauke i tekhnike. XVI Seriya: Nauchnyi kommunizm, 9)

17 ETHICS, MORALS, CONVENTIONS

Ezrak Kokhbatz. [A book of reflections (Good and evil). Translated from the Armenian]. *Kalga opovestheni. O dobre i zle.* Per. i predisl. i primech. V. K. Chakrabarti. Erevan, Izd. AN Arm. SSR, 1968. 174 p.

[The individual under socialism]. *Individi pod sotsializmom.* Moskva, "Nauka," 1966. 260 p.

Kazheva, L. L. [The aesthetic and ethical in life and art]. *Esteticheskoe i eticheskoe v zhizni i v iskusstve.* Moskva, "Mysl," 1968. 141 p.

Martynenko, N. I. [Criticism of contemporary Orthodox ethics. Author's abstract of a dissertation for the degree of Candidate of Philosophy]. *Kritika sovremennoy pravoslavnoy etiki.* Avtoreferat dissertatsii na soiskaniye uchenoj stepeni kandidata filosoficheskikh nauk. Nauch. rukovoditel' - S. N. Bondilov. Voronezh, 1966. 18 p. [MICROFILM]

Stel'din, N. P. [Our ideal]. *Nash ideal.* Moskva, "Mysl," 1968. 112 p.

[Spiritual development of the individual]. *Dukhovnoe razvitiye lichnosti.* Sverdlovsk, 1967. 332 p. Materialy jubileynogo nauch. sessii razvitiya kul'tural'noy. Filosof. nauch. Vyp. 34.

1801 AESTHETICS AND TASTE

Ermolaeva, V. N., and V. I. Tolstikh. [Socialist realism and the ethics of bourgeois aesthetics. *Polemiya s sotsialisticheskimi realizmi i eticheskimi naukami i estetikami.* Moskva, "Sov. khudozhestvo," [1967] 198 p.

Kazheva, L. L. [The aesthetic and ethical in life and art]. *Esteticheskoe i eticheskoe v zhizni i v iskusstve.* Moskva, "Mysl," 1968. 141 p.

2. RELIGION

211 Atheism

The enemy's embrace. *Il. Ilychevskii. Kommunist* 41 no. 7-65 15 My '60.

24 RELIGIOUS LIFE

Ellipov, L. A. [Baptism]. *Kreshcheniye.* Moskva, Politizdat, 1967. 80 p. (Besedy s veruyushchimi).

28 CHRISTIAN CHURCHES AND SECTS

Krasnikov, N. P. [Trying to keep pace with our century. (Reflection of social processes in the theological studies and sermons of the priests of the Orthodox Eastern Church)]. *Voprosy za veka. (Otrazheniye sotsialnykh protsessov v bogoslovskikh trudakh i propovednicheskoi deyatelnosti pravoslavnykh svyatshehenosulzhitelei).* Moskva, Politizdat, 1968. 100 p.

Martynenko, N. I. [Criticism of contemporary Orthodox ethics. Author's abstract of a dissertation for the degree of Candidate of Philosophy]. *Kritika sovremennoy pravoslavnoy etiki.* Avtoreferat dissertatsii na soiskaniye uchenoj stepeni kandidata filosoficheskikh nauk. Nauch. rukovoditel' - S. N. Bondilov. Voronezh, 1966. 18 p. [MICROFILM]

28(51)—China

Petrov, V. P. [Russian Church Mission in China]. *Rossiyskaya tserkovnaya missiya v Kitae.* Washington, D. C., Victor Kaerkin, Inc. 1968. 60 p.

28(8)—South America

'Modernization' in Latin America. *Alvaro Delgado.* Nov. vrem. 26 no. 30-31-15 Iul' '68.

3. SOCIAL SCIENCES, ECONOMICS, LAW GOVERNMENT, MILITARY AND NAVAL SCIENCE, EDUCATION

30 SOCIAL SCIENCES

'Union list of new foreign books received by the libraries of the U. S. S. R. Series B: Social sciences.] *Svod bibli. nov. inostr. knig, poslup. v bibl. SSSR. Ser. B: Obshchestv. nauki* no. 2, '68.

30(477)—Ukrainian S. S. R.

Development of the social sciences in the Ukrainian S. S. R., lecture by Academician I. K. Bilohub, section head of the social sciences, vice president of the Academy of Sciences of the Ukrainian S. S. R. *Dop. AN Ukr. SSR.* B 30 no. 2-42-212 Mr. '68. Present state and future development of concrete social sciences in the institutions of the Department of Social Sciences of the Academy of Sciences of the Ukrainian S. S. R. *Dop. AN Ukr. SSR.* B 30 no. 2-14-142 I' '65.

30.07 Young people

30.07(4/0.104)—Capitalist countries of the world

Bourgeois society and the youth. *Igor' Kon. Nov. vrem.* no. 25 5-9 Iul' '68.

30.07(11)—United Kingdom and Northern Ireland

A quiet Dublin youth on Church Street. *A. I. Pol'skiy.* Nov. vrem. 26 no. 4 27-28 Apr' '68.

3001 Marxism-Leninism

Karl Marx, an inspiring teacher and leader of the working class. A speech delivered by Comrade M. A. Sukov at the festive sessions on May 2, 1968. *Kommunist* 45 no. 7-25 My '68.

Levin, V. I. [Three sources and three constituent parts of Marxism]. *Tri istochnika i tri sostavnykh chasti marksizma.* Moskva, Politizdat, [1958] 15 p.

Sov. nauch. i inzh. zhizn' no. 2 75-80 Iul' '68.

On the so-called convergence theory. *I. A. Kontsev.* Nov. vrem. 26 no. 10 8-10 Iul' '68.

Present-day bourgeois studies on K. Marx's theory and the critics of K. Marx. *V. Galov.* Sov. kn. 4-3 5 P' '68.

The triumph of Leninism. *Komm. voprosy.* 31 16 no. 4 1-2 Apr' '68.

V. I. Lenin on the creative application and development of the economic theory. *V. Lebedev.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 1 13-25 '68.

300.1 (477.8)—Western Ukraine

Dr. Marx's influence on the dissemination of revolutionary and economic ideas in West Ukrainian regions. *S. M. Zolotarev.* Ukr. kn. 26 no. 5-17-21 My '68.

300.11 Marx and Engels, their works

'Communist Party Manifesto' and some problems of economic theory. *A. Dvornik.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 4 11-13 '68.

Dvorkin, I. N. [K. Marx's "Das Kapital" and modern bourgeois political economy]. *"Kapital" K. Marksa i sovremennaya burzhuaznaya politicheskaya ekonomika.* Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Ekonomika," 4).

Economic Party of Karl Marx and the experience in the building of socialism. *I. Ashimov.* Nov. vrem. 26 no. 5-17 My '68.

The first scientific edition of V. Engels' work "Development of modernism from Utopia to science." *M. M. Volynskiy.* B. K. Dvorkin. Ukr. kn. 26 no. 5-17-21 My '68.

Degree of scientific composition. *S. Mironov.* Sov. politich. korp. 12 no. 5-17 My '68.

From Karl Marx's manuscript heritage. *Kommunist* 45 no. 7-26-31 My '68.

History of studying the theoretical heritage of K. Marx in the Ukrainian S. S. R. *I. N. Klusakovskiy.* Ukr. kn. 26 no. 5-17-21 My '68.

K. Marx and V. Engels on proletarian internationalism. *N. Shteyn.* Kommunist 45 no. 7-26-31 My '68.

K. Marx on the reflection of historical reality in the press. *I. S. Shteyn.* Sov. kn. 4-3 5 P' '68.

K. Marx's "Capital" and the political economy of socialism. *V. Cherkovets.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 4 11-21 '68.

Karl Marx and the historical process. *A. D. Pol'skiy.* Ukr. kn. 26 no. 5-17-21 My '68.

Malyi, I. G. [Statistical problems in Karl Marx's "Das Kapital."]. *Voprosy statistiki v "Kapitale" Karla Marksa.* Moskva, "Statistika," 1967. 216 p.

Marx and some ethnographical problems on the 150th anniversary of K. Marx's birth. *I. A. Kyrylov.* Sov. kn. no. 2 3-21 Mr-Apr '68.

The Marxist economic theory and the progress of its bourgeois interpreters. *I. O. Gavrilch.* Kommunist 45 no. 7-26-31 My '68.

Marxist-Leninist teaching on the world capitalist economy: the system of categories. *V. Molyov.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 4 11-21 '68.

Marx's economic theory and our time. *A. Ercenko.* I. K. Kazakovskiy. Komm. voprosy 31 49 no. 7-11-21 Apr '68.

Marx's theory and the struggle against the bourgeois ideology of today. *T. Ozerman.* Kommunist 45 no. 7 44-51 My '68.

On Karl Marx's excerpts from publications about the East. *I. S. Gantimov.* Sov. kn. no. 2 137 140 '68.

Present-day bourgeois studies on K. Marx's theory and the critics of K. Marx. *V. Galov.* Sov. kn. no. 4-3 5 P' '68.

Problems of economic policy in the light of Marxist methodology. *I. A. Abalkin.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 4 24-31 '68.

Pozin, E. I. [Karl Marx on the state and law]. *Karl Marks o gosudarstvo i pravo.* Moskva, "Znanie," 1968. 40 p. (Novoe v zhizni, nauke, tekhnike. Gosudarstvo i pravo, 5).

Works of K. Marx published in Russia. *V. Zaitseva.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 4 12-20 '68.

300.12 Lenin, his works

Appraisal, G. Z. [V. I. Lenin and artistic heritage]. *V. I. Lenin i khudozhestvenno nasledstvo.* Moskva, "Znanie," 1968. 62 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Iskusstvo").

Capitalism and self-capitalism and departmental well-being for improving work. *Polit. zhizn'* no. 12 7-7 Iul' '68.

Leninist program. *Sov. politich. korp.* 12 no. 4 15-6 Apr '68.

The Lenin-theoretical heritage is the basis of the political economy of socialism. *A. Pankov.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 1 1-12 '68.

Lenin, V. I. [Complete works]. *Polnoe sobranie sochinenii.* Izd. 5-6. Moskva, Politizdat.

T. 10. [March-June 1905]. *Mart-Iul' 1905.* 1967. xx, 578 p.

T. 11. [July-October 1905]. *Iul' - oktyabr' 1905.* 1968. xxvi, 580 p.

Lenin's idea of revolutionary democratic dictatorship and the non-capitalist road to development. *N. A. Simonov.* Sov. kn. 4-3 11 Apr' '68.

Two social phases of the development of capitalism. *A. Zaryanov.* G. Gogolev. Komm. voprosy 31 49 no. 1 7-17 Apr '68.

Some problems of military organization in the light of V. I. Lenin's military and philosophical teachings. *A. M. Lukov.* V. Lukov. Komm. voprosy 31 49 no. 7 8-13 Apr '68.

V. I. Lenin on the mechanization of socialist agriculture. *A. K. Pol'skiy.* I. K. Kazakovskiy. 26 no. 11-5 '68.

V. I. Lenin on the role of physical training in the moral education of the Soviet people. *G. S. Derzhan.* Teor. i prakt. fiz. kult. 31 no. 1 2-3 Apr '68.

300.2 History and development of Marxism-Leninism

Levin, V. I. [Three sources and three constituent parts of Marxism]. *Tri istochnika i tri sostavnykh chasti marksizma.* Moskva, Politizdat, [1958] 15 p.

300.2 (477)—Ukrainian S. S. R.

History of studying the theoretical heritage of K. Marx in the Ukrainian S. S. R. *I. N. Klusakovskiy.* Ukr. kn. 26 no. 5-17-21 My '68.

300.2 (57)—Austrian P. S. S. R.

Akhimov, M. A. [Experience in the transition of the republics of the Soviet East to socialism and its special features]. *Opyt perekhoda respublik Sovetskogo Vostoka na put' sotsializma i ego osobennosti.* Tashkent, "Uzbekistan," 1967. 147 p.

300.3 Historical materialism

Karl Marx and the historical process. *A. D. Pol'skiy.* Ukr. kn. 26 no. 5-17-21 My '68.

300.16 Dictatorship of the proletariat

Internationalism and the world socialist system. *I. Krasnikov.* Kommunist 45 no. 7 4-11 '68.

K. Marx and V. Engels on proletarian internationalism. *N. Shteyn.* Kommunist 45 no. 7-26-31 My '68.

Levin, V. I. [The proletarian revolution and the stage of Kautsky]. *Proletarskaya revolyutsiya i etapy Kautskii.* Moskva, Politizdat, [1960]. 110 p.

300.45(4/0.104)—Capitalist countries of the world

The proletarian struggle against the supremacy of the monopolies. *I. Lipatov.* Mezhdunar. zhizn' 15 no. 7 11-13 Apr '68.

300.45(5)—Asia

Lenin's idea of revolutionary democratic dictatorship and the non-capitalist road to development. *N. A. Simonov.* Sov. kn. 4-3 11 Apr' '68.

300.46 Socialism and communism

Lenin's cause lives and triumphs. *S. Mironov.* I. Tikhonov. Sov. politich. korp. 12 no. 4 12-1 Apr '68.

On the so-called convergence theory. *I. A. Kontsev.* Nov. vrem. 26 no. 30 8-10 Iul' '68.

The process of socialist production and the main trends of present-day anticommunism. *V. Mironov.* Nauch. dokl. vys. shkoly; ekon. nauki II no. 4 8-9 '68.

300.51 Communist democracy

A high-principled economic leader. *V. Zolotarev.* Kommunist 45 no. 7-26-31 My '68.

Presidium of the Supreme Soviet, and the
Ministers to the soldiers of the heroic Army
of the Soviet Union. Vost, protivostoi, etc.
2-5. Mr. 168

[Bibliography of articles on industrial safety, 1955-1963; printed in the publications of the All-Union Central Scientific Research Institute of Industrial Safety of the All-Union Central Council of Trade Unions] [Bibliografiya stibk ukazatel' statei po obozracheniyu, 1955-1963 gg. po bezopasnosti proizvodstva i stroitel'stva na nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 23 p.]

Cooperative plans of agricultural production. A. L. Lashin. [The cooperative plan in the USSR, 1964, 10 p.]

Experience in the selection of measures on the basis of rationalization of the work of workers and employees. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 57 p.]

In the collective farms. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 7-8 p.]

Karylov, A. K. [Division of labor and all-round development of the individual]. Razdeleniye truda i vseostanovcheye razvitiye lichnosti. Moskva, "Znanie," 1963, 32 p. (Novye v zheni, nauke, tekhnike, SSSR "Nauch. kommunizm," 3).

Legal safety. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 7-8 p.]

Legenko, G. V., and O. P. Korsun. [Safety measures on collective farms]. Obezpecheniye truda v kollektivakh. [Moskva] Profizdat, 1967, 40 p. (Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1967, 40 p.)

Let's lighten the burden of socialist competition. G. G. Bortova, E. I. Solov'ev. Khibi, 1964, 12 p. (Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 12 p.)

May 1st Day. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 12 p.]

Problems of labor organization and wages in enterprises in the light of resolutions of the September 1961. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 12 p.]

Sklyar, D. A. [Tables for calculating the average earnings of workers and employees during vacations. (Practical handbook for accountants). Tablitsy ischisleniya srednykh zarabotkov rabotnikov i sluzhashchikh za vremya otpuska. (Prakt. posobie dlia uchetykh rabotnikov). Moskva, "Finansy," 1968, 128 p.]

[Structure of the national economy and labor productivity]. Struktura i proizvodstvo khozjajstva i proizvoditel'stvo truda. Pod red. B. N. Karpukhin. Moskva, "Ekonomika," 1968, 210 p.]

Vacation time should be an active one. M. Shchiba. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 12 p.]

Volunteer workers strive for top safety. I. A. Ivorkin, V. A. Kuznetsov, V. N. Polakova. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 12 p.]

Ways of reaching industrial innovations in mining and other branches of the USSR. A. I. Buzinov. [Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1964, 12 p.]

331.8(49.101)—Capitalist countries of the world

Class battles in the capitalist world. Komer. Voennoe. Sil. 12 no. 4 55-60 p. '68.

331.8(471.344)—Chuvash A. S. S. R.

Five-year plan in four years. V. Neklov, V. Morfakov. Ekonomika, 43 no. 4 62-69 p. '68.

331.8(477)—Kazakhstan S. S. R.

Achievements of the V.I. Lenin Collective Farm. S. Onuprienko. Ekonomika, 43 no. 4 70-71 p. '68.
Developing a highly efficient livestock farming. I. Borzhak. Ekonomika, 43 no. 4 81-87 p. '68.
Scientific labor organization at the Berdyansk Road Machine Tractor Station. V. S. Gubinov. Stroitel'stvo i mashinstvo, 11 no. 3 24-25 p. '68.

331.8(575.1)—Uzbek S. S. R.

The Lenin brigades. Ekonomika, 10 no. 1 40 p. '69.

331.881 Trade unions

Active army aids are the trustworthy organizers of the workers. Komer. Voennoe. Sil. 19 no. 7 28-30 p. '68.
Fourteenth Conference of Trade Unions. NTO 13 no. 5 5 p. '68.

Legenko, G. V., and O. P. Korsun. [Safety measures on collective farms]. Obezpecheniye truda v kollektivakh. [Moskva] Profizdat, 1967, 40 p. (Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1967, 40 p.)

Mishina, K. P. [Planning the work of the trade union committees]. Planirovaniye raboty protsoluzhnogo komiteta. [Moskva] Profizdat, 1968, 47 p. (Izvestiya i doklady nauchno-issledovatel'skoy institutsii tsentral'nogo sovetu truda VTSPTS, Moskva, 1968, 47 p.)

Objectives of trade unions in the development of physical training and sports. P. S. Pesechayev. Teor. i prakt. fiz. kult., 31 no. 4 7-10 p. '68.

331.97 Incentives: decorations, bonuses, etc.

Bachchigullian, V. O. [Incentives and guidance in agricultural production]. O stimulakh i rukovodstve sel'skokhozjajstvennogo proizvodstva. Erevan, "Mitk," 1967, 110 p.]

[Business accounting and incentives in agriculture]. Khozraschet i stimulirovaniye v sel'skom khozjajstve. Pod red. A. M. Enel'tanova. Moskva, Izd. Mosk. un-ia, 1968, 244 p.]

Prize, I. D., G. A. Fagazarian, and B. N. Karpukhin. [The material incentive fund]. Fond material'nogo poobchreniya. Moskva, "Ekonomika," 1968, 116 p.
Economic reforms and the category of bonuses to workers. S. S. Sazonov. Voprosy, no. 6 1-2 p. '68.
Information for workers on enterprises on the practice of bonuses to the new system of planning and economic calculation. Ekonom. Anal., 10 no. 9 19-21 p. '67.

332.1 Banking

The reform and the wage fund. A. Volshechko. Voprosy, no. 12 4-10 p. '68.

332.4 Money. Mint currency. Coinage

332.4(494)—Switzerland

Silverman, V. Hosen. Novy vosto, no. 25-27 p. '68.

332.4(177)—Underdeveloped and underdeveloped areas

Foreign exchange and payment relations among the developing and socialist countries. V. Savchenko. Nauch. dokl. vys. shkoly, ekonom. II no. 1 58-61 p. '68.

332.4(496)—European communist countries and the USSR

Foreign exchange and payment relations among the developing and socialist countries. V. Savchenko. Nauch. dokl. vys. shkoly, ekonom. II no. 1 56-61 p. '68.

332.5 Fiat money. Paper and special currencies. Money substitutes. Rates of exchange

332.5(49.104)—Capitalist countries of the world

An international currency crisis. K. Nirodin cherkov. Voennoe. Sil. 15 no. 5 22-23 p. '68.

332.6 Exchange. Financial market. Capital investment

332.6(73)—United States of America

Business volume in foreign trade. A. M. Buzinov. Nauch. dokl. vys. shkoly, ekonom. II no. 1 14-20 p. '68.

332.6(51)—China

Chinese capital in Southeast Asia. M. A. Akhmedov. Nauch. dokl. vys. shkoly, ekonom. II no. 2 25-27 p. '68.

332.7 Credit

Levchuk, I. V. [Long-term agricultural credit]. Dlouhodoby sel'skokhozjajstvennyy kredit. Moskva, "Finansy," 1967, 111 p.]

Kirillov, E. A. [Financing and issuing credit to agriculture]. Finansirovaniye i vydaniye kreditov sel'skokhozjajstvu. Izd. 2-e, pererabot. i dop. Moskva, "Finansy," 1968, 247 p.]

332.7(575.1)—Uzbek S. S. R.

Issuing efficient credit to a dependable and profitable business. P. Kuznetsov. Ekonomika, 43 no. 1 1-10 p. '68.

333 Land and property. Real estate

Guides for the proletarian nationalization of land. A. A. Buzinov. Uch. zap. TGU no. 66-75 p. '67.
Implementation of laws on appropriation of land property. H. Zorikov. Sots. zakon, no. 5 34-39 p. '68.
International significance of the Lenin agrarian theory. A. Petrovskiy. Ekonomika, 11 no. 4 113-119 p. '68.
Some problems of agrarian relations, and creation of material and technical foundation of communism. I. Martynov. Nauch. dokl. vys. shkoly, ekonom. II no. 1 13-12 p. '68.

333(5)—Asia

[Agrarian relations in the countries of Southeast Asia]. Agrarnye otnosheniya v stranakh Iugo-Vostochnoy Azii. Moskva, "Nauka," 1968, 216 p.]

333(567)—Iraq

Agrarian reforms in Iraq. Miftat Al-Jel' Zakaria. Ekonomika, 43 no. 3 111-115 p. '68.

333(674)—Kazakh S. S. R.

Take care of the land and use it efficiently. F. Mamayev. Nauch. dokl. Kazakh. 28 no. 5 65-67 p. '68.

333.1 Public property

Socialist public property. P. Stupakov. Nauch. dokl. vys. shkoly, ekonom. II no. 1 60-67 p. '68.

334 Cooperative movement and cooperatives

Comprehensive instructions and inventories. I. Koryakov. Voprosy, no. 12 no. 5 37-40 p. '68.

Cooperative farms and enterprises. G. Kharin. Voprosy, no. 12 no. 5 41-52 p. '68.

First 500 cooperatives in production. G. Kharin. Voprosy, no. 12 no. 1 19-21 p. '68.

May 1st Day. Voprosy, no. 12 no. 1 2-3 p. '68.

Meeting of the Executive Committee of the Central and Eastern European Alliance. A. Krasnodarov. Voprosy, no. 12 no. 1 51-52 p. '68.

The new paths of foreign trade. Voprosy, no. 12 no. 1 53-54 p. '68.

On the history of cooperatives in the U. S. S. R. S. M. Savchenko. Voprosy, no. 12 no. 1 19 p. '68.

Planning for the people's income in trade. R. M. Stupakov. A. Khlebnikov, I. S. Kuznetsov. Voprosy, no. 12 no. 1 14 p. '68.

Regulation of the wages. A. Krasnodarov. Voprosy, no. 12 no. 1 22-23 p. '68.

Technical progress and trade. M. Krasnodarov. Voprosy, no. 12 no. 1 14 p. '68.

There is a new kind of foreign trade. G. Kharin. Voprosy, no. 12 no. 1 19-21 p. '68.

334(45)—Italy

Social cooperation in Italy. A. Khlebnikov. Voprosy, no. 12 no. 1 53-54 p. '68.

334(471.311)—Moscow Province

Wallpaper in a village store. I. Khlebnikov, P. Kharin. Voprosy, no. 12 no. 1 49-50 p. '68.

334(471.54)—Sverdlovsk Province

Believe in the support of the children. P. Kharin. Voprosy, no. 12 no. 1 49-50 p. '68.

334(474.2)—Estonian S. S. R.

Expressing service to the customer in the modern era. I. K. Kharin. Voprosy, no. 12 no. 1 49-50 p. '68.

334(571.62)—Khantyngsk Territory

First cooperative trade organizations need help. V. Neklov. Voprosy, no. 12 no. 5 21-22 p. '68.

330 Public finance

Formation and development of the military finance system. V. Dubov. Voprosy, no. 12 no. 1 13-24 p. '68.

Means of economizing on fuel. G. Mikhlin. Voprosy, no. 12 no. 1 13-24 p. '68.

On fuel and its use in the economy. I. I. Kharin. Voprosy, no. 12 no. 1 13-24 p. '68.

330.1 State wealth and revenue. Budget

Dutko, I. D., G. A. Fagazarian, and B. N. Karpukhin. [The material incentive fund]. Fond material'nogo poobchreniya. Moskva, "Ekonomika," 1968, 118 p.]

330.1(675.1)—Uzbek S. S. R.

Budget of the third year of the five-year plan. V. Mikhlin. Ekonomika, 43 no. 1 13-24 p. '68.

330.5 State expenditure

330.5(73)—United States of America

Military expenditures and production. V. Stupakov. Nauch. dokl. Kazakh. 15 no. 7 121-122 p. '68.

338 Production. Creation of wealth. Economic situation

[Current economic problems in the building of communism]. Aktualnyye ekonomicheskiye problemy kommunistskogo stroitel'stva. Pod obshch. red. B. N. Mikhlin. Izd. Mosk. "Vysshaya shkola," 1967, 263 p.]

Economic theory of the USSR and the experience in the building of communism. T. A. Kharin. Nauch. dokl. Kazakh. 26 no. 5 3-7 p. '68.

Fedorov, V. A. [Efficiency of production and preparation in the national economy]. Effektivnost' proizvodstva i podgotovki v narodnom khozjajstve. Leningrad, 1966, 59 p.]

[Fifty years of the Great October Socialist Revolution]. Formal meeting of the Central Committee of the CPSU, the Supreme Soviet of the U. S. S. R., and the Supreme Soviet of the R. S. F. S. R. November 3-4, 1967. Verkhovnyy Sovet SSSR, Verkhovnyy Sovet RSFSR 3-4 noyabrya 1967 g. Stenogr. otchet. Moskva, Politizdat, 1967, 232 p.]

The process of socialist production and the main trends of present-day anticommunism. V. Mikhlin. Nauch. dokl. vys. shkoly, ekonom. II no. 4 66-73 p. '68.

The process of socialist production. M. A. Kharin. Nauch. dokl. vys. shkoly, ekonom. II no. 4 67-110 p. '68.

The second fifty years. *Ekon. i zhizn'* 10 no. 1-3: Ja '69.

Structure of the national economy and labor productivity [Struktura narodnogo khozyaistva i proizvoditel'stva]. Ed. by D. N. Kapukhtin. Moscow, "Ekonomika," 1968. 210 p.

Triumph of socialism. A. Komarovskii. *Ekon. i zhizn'* 10 no. 1-4-15: Ja '68.

338(4/9, 103)—Communist countries of the world

Economic development of the countries participating in the Mutual Economic Assistance Committee in 1967. A. Sokolov. *Vop. ekon.* no. 6: 113-121: Je '68.

Semrakov, E. K. [Cooperation in the name of progress. Socialist countries and the industrialization of India]. *Sotrudnichestvo vo imya progressa. (Strany sotsializma i industrializatsiya Indii)*. Moscow, "Nauka," 1968. 116 p.

338(4/9, 104)—Capitalist countries of the world

On the so-called convergence theory. L. A. Leonov. *Nov. vrem.* 21 no. 30: 10-10: Je '69.

338(436)—Poland

Poland's accomplishments on the road to socialism. M. Vella. *Mirovaia zhizn'* 15 no. 7: 119-142: '68.

338(471, 322)—Lipetsk Province

[Economy of Lipetsk Province during the years of the Soviet regime; a statistical abstract]. *Narodnoe khozyaistvo Lipetskoi oblasti za 50 let Sovetskoi vlasti. Statisticheskii sbornik. Voprosy i tsentral'no-ekonomicheskii kn. izd.*, 1967. 165 p.

338(471, 332)—Smolensk Province

[Smolensk Province during 50 years of the Soviet regime. A statistical abstract]. *Smolenskaya oblast' za 50 let Sovetskoi vlasti. Stat. sbornik.* [Moskva, "Statistika," 1967. 175 p.

338(471, 51)—Lithuania A. S. S. R.

[The 46th anniversary of the Great October Socialist Revolution and the 45th anniversary of the autonomy of Lithuania. Formal meeting of the Provincial Committee of the CPSU, the Supreme Soviet and the Council of Ministers of the Lithuanian A. S. S. R. Verbalnyy report, November 4, 1965]. 46-ii godovshchina Velikoi Oktoberskoi sotsialisticheskoi revoliutsii i 45-letie obozavaniia avtonomiia Lituvnii. Torzhествovanie zdeshechnoi oblasnoi komiteta KPSS, Verkhovnogo Soveta i Soveta Ministrov Lituvnatskoi ASSR. *Stenograficheskiy otchet, 4 noyabrya 1965 goda. Izhevsk, "Lituvnitsa," 1966. 82 p.*

338(474, 3)—Latvia A. S. S. R.

[Latvia during the years of the Soviet regime. A statistical abstract]. *Latvija za 50 godov Sovetskoi vlasti. Stat. sbornik. Riga, "Statistika," 1967. 403 p.*

Malina, J. [Riga marches into the future. Sociopolitical sketch]. *Riga solo naimamila. Publitsistska apraksta. Riga, Liesma, "1967. 86 p.* [in Latvian]

338(479, 224)—Azerbaijan A. S. S. R.

[National economy of the Azerbaijan A. S. S. R.; a statistical abstract]. *Narodnoe khozyaistvo Aikhaizskoi ASSR. Statisticheskii sbornik. Tbilisi, "Statistika," 1967. 316 p.*

338(479, 25)—Armenia A. S. S. R.

Armenia abroad. N. Filippov. *Tram. Arm.* 10 no. 11: 35-37: '67.

338(480)—Finland

Dobovish, I. M. [Russian-Finnish economic relations on the eve of the Great October Socialist Revolution. (Epoch of Imperialism)] *Russko-Finlantskie ekonomicheskie otnosheniya kakovno Velikoi Oktoberskoi sotsialisticheskoi revoliutsii (Epokha imperizma)*. [Leningrad] Izd. Leningr. un-ta, 1968. 190 p.

338(488)—Rumania

At a new stage of development. T. Karpachenko. *Komm. Vopr. zhizn.* 11 no. 1: 77-80: F '68.

338(540)—India

Semrakov, E. K. [Cooperation in the name of progress. Socialist countries and the industrialization of India]. *Sotrudnichestvo vo imya progressa. (Strany sotsializma i industrializatsiya Indii)*. Moscow, "Nauka," 1968. 116 p.

338(571, 54)—Hungary A. S. S. R.

[The Baryat A. S. S. R. during the last 50 years. A statistical abstract]. *Buryatskaya ASSR za 50 let. Stat. sbornik. Ulan-Ude, Buriat. kn. izd., 1967. 96 p.*

338(571, 55)—Yukut A. S. S. R.

For the comprehensive solution of the problems of the north. L. P. Avdeev, K. G. Kondakov. *Probl. Sev.* no. 13: 210-214: '68.

338(575, 1)—Uzbek S. S. R.

The land of white gold and large-capacity industry. I. Holatin. *Ekon. i zhizn'* 10 no. 149-51: Ja '69.

338(575, 1)—Economics of agriculture. Collective farms. State farms

Bagdasarian, V. O. [Incentives and guidance in agricultural production]. *O stimulyakh i rukovodstve sel'skokhozyaistvennogo proizvodstva. Erevan, "MIK," 1967. 119 p.*

Computing allowances. S. Likharchuk. *Sots. obozr.* 13 no. 5: 23-25: My '68.

Criteria for evaluating the work of agricultural enterprises. M. Paltolina, S. Shustova. *Vop. ekon.* no. 6: 64-71: Je '68.

Developing direct flow of collective and state farms with industrial and trade organizations. A. Arkhipov. *Ekon. sbornik.* 13 no. 181-83: '68.

Development of the organizational forms of agricultural production. V. P. Volokhov. *Izv. zap. Sibir. nauch. ts. 1972.*

Economic effectiveness of raising contracted and concentrated cattle for meat. A. A. Pustina. *Tr. zap. sibir. gos. un-ta* no. 59: 91-96: '67.

Economic loss caused by sterility of sheep in the Tatars A. S. S. R. L. I. Ibrayev. *Izv. zap. KAV* 35: 53-54: 1967.

Improvement of crop and farm economy. I. G. Gubinskii, A. N. Shostova. *Zemledelie* 38 no. 6: 11-11: Je '69.

Isayev, A. P., and M. D. Lashgiz. [At the threshold of scientific agriculture]. *Na rubezhakh nauchnogo zemledel'ia. Moskva, Russel'khozizdat, 1967. 102 p.*

Kraychevskii, R. G., I. G. Popov, and S. Z. Tolpekin. [Economic and mathematical methods in the organization and planning of agricultural production]. *Ekonomiko-matematicheskie metody v organizatsii i planirovanii sel'skokhozyaistvennogo proizvodstva. Moskva, "Kolos," 1967. 479 p.* [Uzbeki i o'zbekcha pasobnii dila rysh. s. kn. uchab. Avdonli].

Legal protection of the social insurance of collective farmers. A. Taraschenskii. *Red. pravo* no. 3: 19-22: M '68.

Lesenko, G. V., and O. P. Korovin. [Safety measures on collective farms]. *Obezpecheniya bezopasnosti na kolkhozakh. Prolizdat, 1967. 40 p.* [Uzbeki sel. prolosh zang'a akittela. 21(93)].

Method of determining profitability and ways of increasing it on collective and state farms. R. G. Gubinskii. *Ekon. sbornik.* 13 no. 6: 11-13: '68.

Method of forming and using the material incentive funds. V. Rostov. *Ekon. sbornik.* 13 no. 4: 77-105: '68.

Mikhalkovich, V. N. [Law on pensions and benefits for collective farm members in operation]. *Zakon o pensii i posobiakh chlenam kolkhozov v detal'.* (2-o izd. izd.) Moskva, Russel'khozizdat, 1968. 50 p. (Chislo izdaniy kn. kolkhozov o pensii i posobiakh).

On completely converting state farms to kolkhozes according to the law. E. N. N. *Ekon. sbornik.* 13 no. 1: 72-83: '68.

Organization of the law of planned proportional development in socialist agriculture. S. Denachenko. *Ekon. sbornik.* 13 no. 1: 95-100: '68.

Organizational work and legal characteristics of the organs of the power of guidance and administration of agriculture. V. P. Volokhov. *Izv. zap. Sibir. nauch. ts. 1972.*

Role of the newspaper "Pravda" in the development of socialist cooperation in rural areas. L. I. Prigorskii. *Tr. izd. zhurn. R. S. S. R.* 6: 57-61: 21: '68.

Some aspects of analysis, the participation of workers in increasing and improving the organization of agriculture. 1969-1972. V. M. Lyubskii. *Sber. izd. zhurn.* 11 no. 3: 108-112: 25: '68.

Some problems of agrarian relations, and creation of material and technical foundation of economic culture. I. M. M. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 1: 7-12: '68.

What is taught by the experience. *Ekon. sbornik.* 13 no. 3: 12-13: '68.

338(471, 1)—Northern R. S. F. S. S. R.

The fur trade of the collective and state farms of the north. L. I. Rebrov. *Probl. Sev.* no. 13: 104-109: '68.

338(471, 25)—Pskov Province

Always with people. V. Porokhov. *Part. zhizn'* no. 12: 56-58: Je '68.

338(471, 311)—Moscow Province

This is necessary to know. V. Mikhalkovich. *Sots. obozr.* 13 no. 5: 21-25: My '68.

338(471, 331)—Kalinin Province

[A historical and sociological study of the village of Molodno]. *Opyt istoriko-sotsiologicheskogo izucheniia seli Molodno. Moskva, "Mosk. rabuchii," 1968. 439 p.*

338(471, 44)—Saratov Province

The old masters repeat. N. Mikhlin. *Sots. obozr.* 13 no. 5: 26-27: My '68.

338(471, 61)—Rostov Province

A grain in the steppe. V. Horlov. *Zemledelie* 10 no. 6: 20-22: Je '65.

338(477)—Ukrainian S. S. R.

Development of subsidiary industries is a sure path toward the elimination of seasonal work factors. D. Shvachuk. *Ekon. sbornik.* 13 no. 3: 45-47: '68.

Participation of the workers of the "Kryvenka Zerk" Plant in the socialist reconstruction of rural areas. P. M. Bezukh. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

Participation of the workers of the "Kryvenka Zerk" Plant in the socialist reconstruction of rural areas. P. M. Bezukh. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

338(479)—Moldavian S. S. R.

[History of the collectivization of agriculture and the consolidation of the collective farms of Moldavia; materials of a scientific session of January 25, 1966]. *Istoriia kollektivizatsii sel'skogo khozyaistva i konsolidatsii kolkhozov Moldavii, materialy nauchnoi sessii, sostoiavsheia 25 yanvarya 1966 goda. Kishinev, "Karla Moldovenaske," 1967. 154 p.*

Taskar, P. A., and others. [Experience of our Bulgarian friends for the benefit of all collective and state farms of Moldavia]. *Opyt bulgarskikh drugov - vsem kolkhozam i goskhozam Moldavii. Kishinev, Izd. TsK KP Moldavii, 1967. 50 p.*

338(479)—European U. S. S. R.

Rafikov, L. V., S. A. Mellin, and V. I. Storozhev. [Economic reform in the agriculture of socialist countries, Bulgaria, Hungary, The German Democratic Republic, Poland, Rumania, Czechoslovakia]. *Ekonomicheskaia reforma v sel'skom khozyaistve sotsialisticheskikh stran. Bolgariia, Vengriia, GDR, Pol'sha, Rumyniia, Cheshkoslavoia. Moskva, "Ekonomika," 1966. 183 p.*

338(479, 2)—Hungary

Taskar, P. A., and others. [Experience of our Bulgarian friends for the benefit of all collective and state farms of Moldavia]. *Opyt bulgarskikh drugov - vsem kolkhozam i goskhozam Moldavii. Kishinev, Izd. TsK KP Moldavii, 1967. 50 p.*

338(479)—Asian U. S. S. R.

The first steps of the collective and state farms of the north. L. I. Rebrov. *Probl. Sev.* no. 13: 104-109: '68.

338(479, 1)—Uzbek S. S. R.

Agricultural workers need a substantial knowledge of economics. R. T. T. *Ekon. i zhizn'* 10 no. 1: 80-91: Je '68.

Increasing direct credit is a dependable and profitable business. P. Khabalov. *Ekon. i zhizn'* 10 no. 1: 84-86: Ja '68.

338(479, 1)—Forms of production. Distribution of industry

All-Union conference on problems of the development and distribution of industry. K. L. L. *Ekon. i zhizn'* 10 no. 1: 80-91: Je '68.

Increasing the technological level of the development of heavy metallurgy enterprises. V. P. Alekandrov. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

Lebanese reforms and the training of workers. S. Shvachuk. *Vop. ekon.* no. 6: 11-21: Je '68.

Mineral wealth. [At the helm of industry. (Documentary sketch)]. *Urbna ishodnitsa. (Dokum. sketchi). Moskva, Politizdat, 1968. 232 p.*

A model of the optimum distribution of industry by regions and ways of simplifying it. V. A. Volynskii. *Ekon. i zhizn'* 10 no. 2: 10-17: My '68.

Organization of technical preparation of production under new operating conditions. N. M. L. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

Role of economic methods in industrial management. P. Khabalov. *Ekon. i zhizn'* 10 no. 1: 82-84: Ja '68.

338(479, 1)—Price and value. Cost

Fundamental problems of planning prices. V. Chornysheva. *Vop. ekon.* no. 6: 151-154: Je '68.

Improving the quality and reducing the cost of metal at plants of the Ukrainian Ministry of Ferrous Metallurgy. V. I. Kuznetsov. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

A new source for the history of grain prices in 19th century Russia. G. V. Alimovskii. *Ist. SSSR* no. 2: 117-118: My '68.

Principles of price in the light of some fundamental principles of the theory of socialist economics. I. A. Kuznetsov. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

Factor prices in relation to performance quality. L. I. Kuznetsov. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

338(479, 1)—Organization of production

Organization of production of new agricultural machines. V. A. Kuznetsov, G. A. Mikhlin, D. I. Shostov. *Tr. gos. vuz. zhurn. ekonomiki* 11 no. 3: 14-17: My '68.

The Soviet economy in the first half year. *Nov. vrem.* 20 no. 30: 5-6: Je '68.

338(479, 1)—Factors of production. Form of economy, etc.

The interbranch balance in the system of calculations for the national economic plan. N. Kozlov. *Vop. ekon.* no. 6: 25-37: Je '68.

Bibliography of articles on industrial safety, 1956-1959: printed in the publications of the All-Union Central Scientific Research Institute of Industrial Safety of the All-Union Central Council of Trade Unions. Bibliograficheskii ukazatel' stat'ei po bezopasnosti truda, 1958-1959 g. i po zadaniyu Vsesoyuznogo nauchnoissledovatel'skogo instituta okhrany truda VTSPS. Moskva, 1959. 23 p.

Experiments in engineering and labor safety. A. I. Yelovskiy. Nauchnaya razrabotka i izobrazheniya. St.-Av. 1960.

Experiments in the industrialization of machine tool type production. On the basis of entering and processing technological and technological engineering of the "Pribor" Plant. V. G. Svetitskiy. Trudy SVGMU no. 15-157-152. 1957.

In the collection of articles on industrial safety. B. I. Pavlov. Zh. tekhn. fiz. no. 2, 1-3. P. 1964.

Industrial engineering. V. I. Pavlov. Avtor. 53 and 1-6. 1964.

Karley, A. K. "Division of labor and all-round development of the individual." Razdeleniye truda i vsestrannoye razvitiye lichnosti. Moskva, "Znanie," 1968. 32 p. (Novoye v zhizni, nauke, tekhnike, Seriya "Nauch. kumulyativn." 3).

Legenkov, G. V., and O. P. Korsun. [Safety measures on collective farms.] Okhrana truda v kollektivnykh khozyaystvakh. 1967. 40 p. (Iz chika i profsoyuznogo aktivista. 2193).

Left wing of the hammer of socialist competition. B. G. Pavlov. P. I. Solov'ev. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

May 1 and the Prof. Soc. protok. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Practical measures for the protection of labor. A. G. Korotkiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

Drizov, I. D., G. A. Belagarian, and D. N. Karpukhin. [The material incentive fund.] Fond material'nogo poощeniya. Moskva, "Ekonomika," 1968. 118 p.

Economic reform and the raising of wages to workers. 3-5. Stankov. Voprosy. no. 6:11-24. 1968.

Information for workers of enterprises on the practice of changeover to the new system of planning and economic stimulation. Prom. Arm. 10 no. 7/10 '68-69. 1967.

332.1 Banking

The reform and the wage fund. A. V. Vechesko. Vop. ekon. no. 6:124-130. 1968.

332.4 Money. Mint currency. Coinage

332.4(194)—Soviet Union

Silver rush. V. Moser. Nar. zhizn. no. 25:27. 1968.

332.4(177)—Underdeveloped and undeveloped areas

Foreign exchange and payment relations among the developing and socialist countries. V. Svetitskiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

332.4(196)—European communist countries as a group

Foreign exchange and payment relations among the developing and socialist countries. V. Svetitskiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

332.5 Exchange money. Paper and special currencies. Money substitutes. Rates of exchange

332.5(4.101)—Capitalist countries of the world

An international currency crisis. B. Mironovskiy. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

332.6 Exchange. Financial market. Capital investment

332.6(73)—United States of America

Financial market in the United States. G. I. Pavlov. Nar. zhizn. 26 no. 11:3-25. Apr. '68.

332.6(51)—China

Chinese capital in Southeast Asia. M. A. Ansharov. Nar. zhizn. 26 no. 5:26-27. 1968.

332.7 Credit

Legenkov, G. V. [Long-term agricultural credit.] Dolgo-srochnyy sel'skokhozyaystvennyy kredit. Moskva, "Finansy," 1967. 111 p.

Kirillov, I. A. [Financing and issuing credit to agricultural enterprises.] Kreditirovaniye i kreditovaniye sel'skogo khozyaystva. Izd. 2-o, pererabot. 1-shoy. Moskva, "Finansy," 1968. 247 p.

332.7(575.1)—Uzbek S. S. R.

Issuing direct credit as a depreciable and profitable business. P. Kabanov. Ekon. yzhn. 14 no. 1:1-66. Jan. '68.

333 Land and property. Real estate

Agencies for the protection of alienation of land. A. A. Gerasimov. Dokl. vuzov. 12 no. 5:2-4. May '68.

Implementation of laws on appropriation of landed property. B. I. Pavlov. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

International significance of the Lenin agrarian theory. A. Potomayev. Ekon. dokl. vuzov. 12 no. 5:2-4. May '68.

Some problems of agrarian relations and creation of material and technical foundation of communism. I. Mironov. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

333(5)—Asia

Agrarian relations in the countries of Southeast Asia. Agrarnyye otnosheniya v stranakh Yugo-Vostochnoy Azii. Moskva, "Nauka," 1968. 230 p.

333(567)—Iraq

Agrarian reforms in Iraq. Mifari Abdol Zakaria. Ekon. sci'khoz. 12 no. 3:111-115. 1968.

333(574)—Kazakh S. S. R.

Take care of the land and use it efficiently. F. Manyayev. Nar. khoz. Kazakh. 26 no. 5:65-67. May '68.

333.1 Public property

Socialist public property. P. Shapovalov. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

331 Cooperative movement and cooperatives

Cooperative organizations and institutions. I. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

Cooperative press and correspondence. G. Hrushko. Sov. protok. 12 no. 5:2-4. May '68.

First Soviet lecture on cooperatives. G. Hrushko. Sov. protok. 12 no. 5:2-4. May '68.

May 1 lecture. Sov. protok. 12 no. 5:2-4. May '68.

Meeting of the Executive Committee of the International Cooperative Alliance. A. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

The new system of rural trade. Sov. protok. 12 no. 5:2-4. May '68.

On the history of cooperative credit in the U. S. S. R. S. S. Sov. protok. 12 no. 5:2-4. May '68.

Planning for the growth of rural trade. M. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

Regularizing the weights. A. Kolomiets. Sov. protok. 12 no. 5:2-4. May '68.

Technical progress and trade. M. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

There is a man behind each letter. G. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

334(45)—Italy

Soviet cooperation in Italy. A. L. Pavlov. Sov. protok. 12 no. 5:2-4. May '68.

334(471.311)—Moscow Province

Wall paper in a village store. I. Kharitonov. P. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

334(471.54)—Sverdlovsk Province

Helping the support of labor problems. I. Kharitonov. Sov. protok. 12 no. 5:2-4. May '68.

330 Public finance

Determined and development of the military finance policy. V. Pavlov. Tyt. i sm. Sov. Vost. 28 no. 1:6-12. Jan. '68.

Means of economizing on fuel. G. Mironov. Tyt. i sm. Sov. Vost. 28 no. 1:6-12. Jan. '68.

To search and to find: exemption from letters. Tyt. i sm. Sov. Vost. 28 no. 1:6-12. Jan. '68.

330.1 State wealth and revenue. Budget

Drizov, I. D., G. A. Belagarian, and D. N. Karpukhin. [The material incentive fund.] Fond material'nogo poощeniya. Moskva, "Ekonomika," 1968. 118 p.

330.1(575.1)—Uzbek S. S. R.

Budget of the third year of the five-year plan. V. Kharitonov. Ekon. yzhn. 14 no. 1:1-66. Jan. '68.

330.5 State expenditure

330.5(73)—United States of America

Military expenditures are growing. V. Kharitonov. Nar. khoz. Kazakh. 26 no. 5:65-67. May '68.

330 Production. Creation of wealth. Economic situation

[Current economic problems in the building of communism.] Aktualnyye ekonomicheskiye problemy komsunistskogo stroitel'stva. Pod obshch. red. S. N. Malinina. Izd. Minsk, "Vysheish. shkoly," 1967. 233 p.

Economic theory of Karl Marx and the experience in the building of socialism. T. Ashimov. Nar. khoz. Kazakh. 26 no. 5:65-67. May '68.

Feodorov, V. I. [Efficiency of production and proportions in the national economy.] Effektivnost' proizvodstva i proporcii v narodnom khozyaystve. Leningrad, 1965. 39 p.

[Fifty years of the Great October Socialist Revolution.] Formal meeting of the Central Committee of the CPSU, the Supreme Soviet of the U. S. S. R., and the Supreme Soviet of the R. S. F. S. R. November 3-4, 1957. Verbatim report.] 50 let Velikoy Oktoberskoy sotsialisticheskoy revolyutsii. Torzhesv. zasedaniya TsK KPSS, Verkhovnogo Soveta SSSR, Verkhovnogo Soveta RSFSR 3-4 noyabrya 1957 g. Stenogr. otchet. Moskva, Politizdat, 1957. 232 p.

The process of socialist production and the main trends of present-day anti-communism. V. Mironov. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

The process of socialist production. M. Kharitonov. Nauch. dokl. vuzov. 12 no. 5:2-4. May '68.

The interbranch balance in the system of calculations for the national economic plan. N. Kovalov, Vop. ekon., no. 6-25-37, 16, 1968.

147.3031471.3149—Ukrainian Province
The organization of enterprises. A. Tarasov. Sov.
zap. TGU no. 4:10-11 Apr '68.

347.963(477)—Ukraine S.S.R.
In the collection of the Public Prosecution Agency of the
Ukraine. The general guidelines on the organization of
enterprises. A. Tarasov. Sov. zap. TGU no. 4:10-11 Apr '68.

347.963(477.6)—Western Ukraine
General impression. I. Hryshchuk. Sov. zap. TGU no. 4:10-11 Apr '68.

347.963(575.3)—Tajik S.S.R.
A general impression of the Tajik S.S.R. I. Hryshchuk. Sov. zap. TGU no. 4:10-11 Apr '68.

347.963(575.3)—Tajik S.S.R.
A general impression of the Tajik S.S.R. I. Hryshchuk. Sov. zap. TGU no. 4:10-11 Apr '68.

347.963(575.3)—Tajik S.S.R.
A general impression of the Tajik S.S.R. I. Hryshchuk. Sov. zap. TGU no. 4:10-11 Apr '68.

35 PUBLIC ADMINISTRATION ADMINISTRATIVE LAW

35(474.2)—Estonian S.S.R.
[Administrative and territorial divisions of the Estonian
S.S.R. of January 1, 1967] Eesti NSV territooriumi
administratiivne jaotus jaotus 1. jaanuar 1967. Tal-
linn, "Eesti Raamat," 1967. 71 p. [In Estonian and
Russian]

35.07 Administrative and governing bodies
History of the Soviet Union for the last 50 years. S. A.
Akhmedov. Sov. zap. TGU no. 4:10-11 Apr '68.

Novoselov, V. I. [Legality of the acts of the administra-
tive bodies] Zakonnost' aktoy upravleniya. Mos-
kva, "Iurid. lit.," 1968. 108 p.

35.08 Public servants and personnel

35.08(45)—Italy
People and events. Giovanni Leone. Nov. vrem. 26
no. 10:1-10:2 Apr '68.

35.08(477)—Ukraine S.S.R.
Early years of work in the organs of the Soviet regime.
O. Polak. Rad. pravo no. 1:1-1:2 Apr '68.

35.08(567)—Iraq
People and events. Abdul Hasan Baki. Nov. vrem. 26
no. 10:1-10:2 Apr '68.

35.08(60)—West and North Central Africa
People and events. Alfred Hassen Baki. Nov. vrem. 26
no. 10:1-10:2 Apr '68.

35.08(73)—United States of America
People and events. Alfred Hassen Baki. Nov. vrem. 26
no. 10:1-10:2 Apr '68.

351 Government legislation. Public services. Control. Regu- lations

[Cazette of the Supreme Soviet of the U.S.S.R.] Ved
Verkh. Sov. SSSR no. 31-38 U.S.S.R. '68.
Special features of using the "State on the socialist
state industrial enterprises" in construction organiza-
tions. Nov. vrem. 26 no. 10:1-10:2 Apr '68.

351(431)—German Democratic Republic
A justified and urgent measure. Nov. vrem. 26 no. 10:1-10:2 Apr '68.

351.74 Police, civil guard, political police, state secret police, etc.
Only for police from "The Soviet Union." U. Naumkin. Sov.
zap. TGU no. 4:10-11 Apr '68.

351.75 Public order. Security. Control. Censorship

351.75(477)—Ukraine S.S.R.
For a city where public order is maintained in an
exemplary fashion. M. Pundarenko. Rad. pravo no. 3
74-75 Apr '68.

351.82 Economic legislation and control, agriculture, trade and
industry
Development of the organizational forms of administration
of agriculture. V. I. Volynets. Uch. zap. TGU no. 66
62-63 Apr '68.

Ensuring a strict observance of laws in the managerial
operations of industrial enterprises. T. Mironov. Sov.
zap. TGU no. 4:10-11 Apr '68.

351.82(477.6)—Western Ukraine
General impression. I. Hryshchuk. Sov. zap. TGU no. 4:10-11 Apr '68.

351.83 Labor legislation and control
Legal advice. Sov. zap. TGU no. 4:10-11 Apr '68.

351.83(477)—Ukraine S.S.R.
Sakhrity of the relations governing labor laws. H. Stepa-
nova. Rad. pravo no. 3:4-3:5 Apr '68.

351.85 Public education, enlightenment and culture. Encourage-
ment of science and the arts, etc.
Answering our readers' questions. Sov. zap. TGU no. 4:10-11 Apr '68.

351.85(471.67)—Dagestan A.S.S.R.
Development of public education in Dagestan. A. H.
Isomailov. Sov. zap. TGU no. 4:10-11 Apr '68.

351.85(477)—Ukraine S.S.R.
Issues in the development of Soviet Dagestan culture.
H. H. Isomailov. Sov. zap. TGU no. 4:10-11 Apr '68.

351.87 Administration of justice
The development of the judicial system in the U.S.S.R.
S. H. Isomailov. Sov. zap. TGU no. 4:10-11 Apr '68.

351.87(477)—Czechoslovakia
Development of the judicial system in the U.S.S.R.
S. H. Isomailov. Sov. zap. TGU no. 4:10-11 Apr '68.

351.87(477)—Ukraine S.S.R.
In the Supreme Court of the Ukraine S.S.R. Sov. zap. TGU no. 4:10-11 Apr '68.

351.9 Supervision, control of public administration
The 50th anniversary of people's control agencies.
I. Shukla. Nov. vrem. 26 no. 10:1-10:2 Apr '68.

352/354 Administration at different levels
Some aspects of the functioning of the organs of the
executive power in the controlled economic system.
V. M. Gulyayev. Uch. zap. TGU no. 66:1-66:2 Apr '68.

352 Local government. Municipal administration
Concept and characteristics of the rights of the local
executive power. V. M. Gulyayev. Uch. zap. TGU no. 66:1-66:2 Apr '68.

352(471.331)—Kalinin Province
Rural safety and social insurance. A. Kozlov. Nov.
vrem. 26 no. 10:1-10:2 Apr '68.

352(477)—Ukraine S.S.R.
Training the personnel of local sovkhozes. M. Shynkov
and others. Rad. pravo no. 3:4-3:5 Apr '68.

352(477.6)—Donetsk Basin
Let us raise the activity of Soviet deputies. H. Prasolov.
Rad. pravo no. 3:9-3:10 Apr '68.

352(571.16)—Tomsk Province
Participation of the members of the district sovkhozes of
workers' deputies in economic and organizational work
in their districts. H. R. Sazonov. Uch. zap. TGU no. 66
140-141 Apr '68.

354 Central government. Ministries
Organization work and legal characteristics of the organs
of the central government of the administration of
agriculture. V. I. Volynets. Uch. zap. TGU no. 66:1-66:2 Apr '68.

355 MILITARY ART AND SCIENCE. WAR. NATIONAL DEFENSE. ARMED FORCES

[A book about heroes] Kalina o gerolakh. Moskva, Vost.
Lit. 1968. 301 p.

By the names of heroes of history. G. I. Ilyin. Vost.
Lit. 1968. 301 p.

Formation and development of the military science sys-
tem. A. Ilyin. Vost. Lit. 1968. 301 p.

Greeting from the Central Committee of the CPSU, the
Presidium of the Supreme Soviet, and the Council of
Ministers to the soldiers of the Leningrad front during
the Soviet Union. Vost. Lit. 1968. 301 p.

Guarding the Lenins of October. T. I. Ilyin. Vost.
Lit. 1968. 301 p.

In a letter to the soldiers. V. Chernyshev. Vost. Lit. 1968.
301 p.

In the battle for the city of Leningrad. V. Chernyshev. Vost.
Lit. 1968. 301 p.

May the heroes of the battle for the city of Leningrad
become the heroes of the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

May the heroes of the battle for the city of Leningrad
become the heroes of the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

On the way to the triumph of the Soviet people. V. Chernyshev.
Vost. Lit. 1968. 301 p.

Pages from the history of past battles. Studia in the
history of the Soviet Union. Vost. Lit. 1968. 301 p.

Participation in the most important factor in the training
of soldiers. V. Chernyshev. Vost. Lit. 1968. 301 p.

The powerful weapon of victory. V. Chernyshev. Vost.
Lit. 1968. 301 p.

Practical means of ideological training of soldiers.
A. Zaitsev. Vost. Lit. 1968. 301 p.

[Revolutionary movement in the Russian Army. Feb. 27-
Oct. 24, 1917. Documents] Revolyutsionnoye dvizheniye
v russkoy armii. 27 febr. - 24 okt. 1917 g. Sov. zap. TGU
no. 4:10-11 Apr '68.

Service troops and combat conditions of military units.
T. I. Ilyin. Vost. Lit. 1968. 301 p.

The powerful weapon of victory. V. Chernyshev. Vost.
Lit. 1968. 301 p.

The Soviet Army in the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

The Soviet soldier in the battle for the people. A. A.
Gromov. Vost. Lit. 1968. 301 p.

Strengthening the unity of command in the military art.
V. Chernyshev. Vost. Lit. 1968. 301 p.

The Soviet Army in the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

The Soviet soldier in the battle for the people. A. A.
Gromov. Vost. Lit. 1968. 301 p.

The Soviet Army in the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

The Soviet soldier in the battle for the people. A. A.
Gromov. Vost. Lit. 1968. 301 p.

The Soviet Army in the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

The Soviet soldier in the battle for the people. A. A.
Gromov. Vost. Lit. 1968. 301 p.

The Soviet Army in the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

The Soviet soldier in the battle for the people. A. A.
Gromov. Vost. Lit. 1968. 301 p.

The Soviet Army in the battle for the city of Leningrad.
Vost. Lit. 1968. 301 p.

The Soviet soldier in the battle for the people. A. A.
Gromov. Vost. Lit. 1968. 301 p.

353. 02(4.0)—European capitalist countries

European security and the strategy of the North Atlantic Treaty Organization. B. Teplovskii. Nov. vrem. no. 23 16-18 Je '68

355. 02(433)—Federal Republic of Germany

Under the cover of "New Eastern Policy." A. Vartanov. Nov. vrem. 26 no. 11-12 Je '68

355. 02(73)—United States of America

In the steps of the Nazis. A. Kolpakskii. Voen. znani. 44 no. 6-10 Je '68.
Military expenditures are growing. V. Orlovskii. Mezra-
t. zhurnal. 15 no. 7 121-122 '68.
The earth in the plans of the Pentagon. A. V. Aleksandrov. Vest. protivoz. obr. no. 3:15-19 Mr '68.
The Pentagon and the Mediterranean. A. Kalfman. Nov. vrem. 26 no. 11-12 Je '68

355.1 Army and navy life. Tradition. Uniforms, etc.

Expedition in the Soviet soldier's uniform. G. Gaba-
rev. Komm. voen. sh. 13 no. 7 75-76 Ap '68.
For services to the country. Av. i kosm. no. 5:20-21
Mr '68.
Highlanders. Vest. protivovoz. obr. no. 3:2 Mr '68.
Masses in military overcoats. A. Salharov. Voen. znani. 44 no. 6-11-12 Je '68.
The Navy King. A. Podokimov. Voen. znani. 44 no. 6-11-12 Je '68

355.2 Forces personnel. Mobilization

[An aid to the potential draftee] V pomoshch' dopriyvni-
ka. [Iz. 2-o, dop.] Moskva, Voenizdat, 1967. 480 p.
A comprehensive ethnographic pedagogical treatise in work with
the recruit. V. Radonov. Komm. voen. sh. 13 no. 7 75-76 Ap '68.
Let us include the spirit of derzhavennost' in initiative
in mobilized officers. P. Davov. Komm. voen. sh. 13 no. 7 75-76 Ap '68.
The old days and the new in training and service. Kama-
v. Voen. znani. 44 no. 1-3-7 Mr '68

355.3 General organization of the forces

The commander is the organizer of combat. N. I. Ilytov. Vest. protivovoz. obr. no. 1:1-19 Ja '68.
[People of legends. Sketches on guerrillas and members
of the underground, heroes of the Soviet Union] Legend
legend. Ocherki o partizanskii i podzemskikh boev-
tsakh Sovetskogo Soyuza. [Moskva, Politizdat].
Vyp. 3. 1968. 591 p.
Active personalities. B. P. Iokhin. Vest. protivovoz. obr. no. 5:25-26 Mr '68

355.4 Operations of war. Tactics and strategy

Artillery engagements. P. P. Samarin. Vest. protivovoz. obr. no. 6:15-16 Mr '68.
Along military paths. I. Kovalev. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
The Black Sea fleet. V. Ilyarov. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
A decorated in battle. I. Popov. Voen. znani. 44 no. 6-9-12 Je '68.
An exploit of the air. A. G. Kucharsky. Voen. znani. 44 no. 6-9-12 Je '68.
The important functions of aviation. N. N. Savorin. Vest. protivovoz. obr. no. 5:5-5-5 Mr '68.
Khlebnikov, N. M., P. S. Kovalyev, and I. A. Volodinski.
[The legendary regiment of Chapayev] Legendarnyi
Chapayevskii. [Moskva] "Znanie." [1967] 271 p.
"Look at this photograph..." Voen. znani. 44 no. 6-12 Je '68.
Mechanical coaching and repair training. A. Kilmovskii. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
Military divisions. G. Korzenko. Voen. znani. 44 no. 6-11-12 Je '68.
The place of the leader in combat. V. M. Akhmedov. Vest. protivovoz. obr. no. 5:2 Mr '68.
Prospects for development of transportation. A. Mikhov. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
A quarter of a century on communications lines. M. A. Efremov. I. I. Shchegolev. Vest. protivovoz. obr. no. 3: 55-57 Mr '68.
The road of the brave. S. Vainikov. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
Soldiers who are heroes. Sudostroyenie 50 no. 5:72 Mr '68.
Soldiers in the people's volunteer corps. Sudostroyenie 50 no. 5:74-75 Mr '68

Single combat with tanks. A. M. Amosov. Vest. protivovoz. obr. no. 5:3-5 Mr '68.
Some notes on calculating the detaching of forces. III, 5. Shvachev. Morsk. sh. 51 no. 6:10-12 Je '68.
Transporting cargo by submarine. I. Bykovskii. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
"Vozhukh-Bolshoi" nemetskii sup. V. I. Seigov. Sudostroyenie 50 no. 5:75 Mr '68.
The years of defeat of war. N. Levenchenko. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68

355. 4(471.23)—Leningrad Province

Victory over the Swedes in the Neva campaign. I. A. S. Iokhin. Sudostroyenie 50 no. 5:76-77 Mr '68

355. 4(471.232)—Leningrad City

The living dedicated to the fallen. I. Iokhin. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68

355. 4(471.4)—Central and Lower Volga region

An exploit of the army and the people. I. G. Puntas. Vest. protivovoz. obr. no. 1:34-37 Ja '68

355. 4(471.45)—Volgograd Province

At the Volga fortress on the 25th anniversary of the defeat of the fascist German troops around Stalingrad. A. Tatarov. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68

355. 4(56)—Near East

Why are ships blocked in the Suez Canal? V. Parkhizko. Mezra. zhurnal. 15 no. 7 121-122 '68

355. 4(507)—Vietnam

They guard the gates of Vietnam. O. M. Ivanov. Vest. protivovoz. obr. no. 1:30-32 Ja '68

355. 4(66)—West and North Central Africa

An end to the guerrillas of "Portuguese" Guinea. Oleg Ilyutsev. Nov. vrem. 26 no. 30-31-25 Je '68
War or peace? A. Tatarov. Mezra. zhurnal. 15 no. 7 121-122 '68

355. 4(73)—United States of America

Artificial noses; leather. H. Ruskii. Nov. vrem. 26 no. 11-12 Je '68
A little for Saigon. A. I. Leontev. Nov. vrem. no. 25-18-20 Je '68
A cosmopolitan. Cosmopolitan of the people. Nov. vrem. 26 no. 30-31-25 Je '68
What is hidden behind the doctrine of "local" wars? N. Pultsev. Mezra. zhurnal. 15 no. 7 121-122 '68

355.5 Military training. Exercises. Drill

Champions of the new. P. A. Pastushenko. Vest. protivovoz. obr. no. 1:21-23 Ja '68.
Chief petty officer of a training division. I. I. Kuznetsov. Morsk. sh. 51 no. 6:10-12 Je '68.
Combat training of radio operators. G. A. Gaiduk. Vest. protivovoz. obr. no. 3:33-35 Mr '68.
The commander is the organizer of combat. N. I. Ilytov. Vest. protivovoz. obr. no. 1:1-19 Ja '68.
A comprehensive officer's pedagogical treatise in work with recruits. V. Radonov. Komm. voen. sh. 49 no. 4 60-63 Mr '68.
Continued to improve the methodological mastery of officers. Vest. protivovoz. obr. no. 1:1-13 Mr '68.
Controlling combat training. A. V. Ilyutsev. Vest. protivovoz. obr. no. 5:25-26 Mr '68.
The discussion method. A. A. Sukhorov. Voen. znani. 44 no. 6-28-29 Je '68.
The command of the division. G. G. Saletnikov. Vest. protivovoz. obr. no. 3:30-31 Mr '68.
An effective method of training drivers. I. I. Serebriakov. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
[Full list] "Full list" of troops! [Moskva] "Mol. gardiia." 1967. 255 p. (50 gerbovskikh let).
First class achieved. What next? S. Kabanov. Av. i kosm. no. 5:20 Mr '68.
Hedges are going on. Av. i kosm. no. 5:22 Mr '68.
For those who are dreaming to become pilots. Av. i kosm. no. 5:23 Mr '68.
The formation of future soldiers. B. Savin. Voen. znani. 44 no. 6-32-13 Je '68.
[From Minsk to Kiev. A report from the "Dnepr" military training exercises] O Minska i Kiev. Reportazh s uchastii "Dnepr." Red. V. Grevkov. Red. sost. A. Ostka [Minsk, "Belarus." 1968] 270 p.
Give constant attention to technical training. I. M. Fedin. Vest. protivovoz. obr. no. 5:54-55 Mr '68.
Give future officers the habit of studying the works of V. I. Lenin. N. V. Ponomarev. Vest. protivovoz. obr. no. 1:45-16 Mr '68.
Headquarters are the units of management. Voen. znani. 44 no. 6-1-3 Je '68.
High-altitude flight. I. Voropal. Av. i kosm. no. 5:47-18 Mr '68.
How to learn foreign languages. G. A. Pasetnik. Morsk. sh. 51 no. 6:10-12 Je '68.
How to train sergeants. M. A. Prudakov. Vest. protivovoz. obr. no. 5:57-58 Mr '68.
Imparting with instructions. I. Smirnov. Av. i kosm. no. 5:27-28 Mr '68.
In conditions approximating real combat, party and political work among service force troops on training exercises. I. Ilyutsev. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
In the interests of perfect mastery of equipment. A. G. Desiatov. Vest. protivovoz. obr. no. 5:52-54 Mr '68.
Instilling responsibility. V. El'clanov. Av. i kosm. no. 5:21-26 Mr '68.
Instruments have been improved. A. Pavlov. Voen. znani. 44 no. 6-36-37 Je '68.
Is such a subject needed? B. B. Levit. Vest. protivovoz. obr. no. 5:53 Mr '68.
The fundamental and universal military training. V. I. Kuznetsov. Voen. znani. 44 no. 6-2-3 Ja '68.
Let us show a constant concern for the education and training of the activists. V. Kozlov. Komm. voen. sh. 13 no. 4 65-69 Mr '68.
The Marines are learning to win victories. N. Belous. Komm. voen. sh. 13 no. 7 75-76 Ap '68.
Methods for solving the problems. Vest. protivovoz. obr. no. 1:31-31 Ja '68.
Missiles perfect their firing training. V. T. Varnyi. Vest. protivovoz. obr. no. 3:19-22 Mr '68.

Nikola, G. A. [A young man becomes a soldier] Iushch stanovitsia volnom. Moskva, Izd. DOSAAF, 1967. 127 p.

Not routinely: an exemplary variant staff training. N. Zivnig. Voen. znani. 44 no. 6-14-15 Je '68.
On the road with a portable plotting board. S. Nurmaga-
lov. Voen. znani. 44 no. 6-25-26 Je '68.
Our competition. Vest. protivovoz. obr. no. 1:31 Ja '68.
Our competitor. Vest. protivovoz. obr. no. 3:21 Mr '68.
Our competition. Vest. protivovoz. obr. no. 5:24-25 Mr '68.

Party organization and special competition. AV. Perlov. Voen. znani. 44 no. 7 14-15 Ap '68.
Physical training in instant classes. A. N. Surov. Morsk. sh. 51 no. 6:10-12 Je '68.
Raise the combat readiness of missions on the water. M. A. Efremov. Vest. protivovoz. obr. no. 5:24-25 Mr '68.

Ready for army service. Voen. znani. 44 no. 6-34 Je '68.
Recreation training of aerial personnel on auxiliary vessels. I. I. Kovalev. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
The roads between. Voen. znani. 44 no. 6-12 Je '68.
Search for the best variant. V. Vartanov. Voen. znani. 44 no. 6-18-19 Je '68.
"Service for two years, but combat readiness at all times." Komm. voen. sh. 13 no. 7 75-76 Ap '68.
Seeds and flowers to protect them. E. Papisovskii. Voen. znani. 44 no. 6-22-23 Je '68.
A soldier's work. G. Kuvshinov. Voen. znani. 44 no. 6-5-6 Je '68.

Sorokin, I. U. K. [Successors of the little red devils] Nasledniki krasnykh d'vavol. Moskva, "Mol. gardiia." 1968. 159 p.
A student today, a soldier tomorrow. S. Serebriakov. Voen. znani. 44 no. 6-15 Je '68.
Taking into consideration the requirements of modern combat. I. I. Kovalev. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
A little bit more. I. Ilyutsev. Voen. znani. 44 no. 6-27-28 Je '68.
Student training in industrial enterprises. I. Ilyutsev. Voen. znani. 44 no. 6-12 Je '68.
"Technical, adjust the coefficients!" A. Gaponov. Av. i kosm. no. 5:13-15 Mr '68.

To new successes in combat training. Vest. protivovoz. obr. no. 1:47 Ja '68.
To the Central Committee of the CPSU, the President of the Supreme Soviet of the USSR, and the Council of Ministers of the USSR, from the soldiers, sergeants, master sergeants, and officers of the Soviet Army and Navy. Vest. protivovoz. obr. no. 1:5 Mr '68.
Toward new achievements in training and service. Komm. voen. sh. 13 no. 4 65-7 Mr '68.
Training instructors of the leading professions. V. N. Samoylov. Vest. protivovoz. obr. no. 1:24-27 Ja '68.
Training motor transport troops. N. Ilyutsev. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
Use the achievements of science and technology in the teaching process. G. V. Zilina. Vest. protivovoz. obr. no. 1:11-15 Mr '68.
Using programmed instruction methods for training officers for combat programs of combat. N. G. Tashchev. Vest. protivovoz. obr. no. 3:30-31 Mr '68.

A victory celebration in beautiful. I. I. Nikhalov. Voen. znani. 44 no. 6-21 Je '68.
A village in one training site. P. Koshlitsyn. Voen. znani. 44 no. 6-18 Je '68.
Without provoking negative motives. G. Gurevich. M. Voen. Av. i kosm. no. 5:40-42 Mr '68.
A worthy replacement is being prepared. A. Holodskii. Voen. znani. 44 no. 6-28-29 Je '68

355. 5(471.310)—Yaroslavl Province

In the Yaroslavl military school. I. I. Voznesenskiy. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68

355. 5(470)—White Russian S. S. R.

On a level with any other subject. Voen. znani. 44 no. 6-20 Je '68

355. 5(571.14)—Novosibirsk Province

Do not stop at what has been achieved. V. Gerasimov. Voen. znani. 44 no. 6-9-7 Je '68

355. 5(571.17)—Kemerovo Province

In order not to repeat the school program. I. I. Kuznetsov. Voen. znani. 44 no. 6-20 Je '68

355.6 Military administration
Answering our readers' questions. Sov. last. no. 4-32 F '68
The company is well managed. A. Gaponenko. Tyt i snab. Sov. Voen. sh. 20 no. 2 41-45 Mr '68.
The 50th anniversary of people's control agencies. I. Shikin. Komm. voen. sh. 13 no. 4 65-69 Mr '68.
50th anniversary of the military commissariats. A. Gurevich. Komm. voen. sh. 13 no. 7 75-76 Ap '68.

The initiative and work of a commander. F. V. Prokofev. Vest. protivovoz. obr. no. 5:10-12 Mr '68.
Some problems in the scientific approach to troop management. V. S. Zemlin. Vest. protivovoz. obr. no. 5:13-15 Mr '68

355.7 Military establishments, depots, etc.
Concerns of soldiers in the rear. N. Kozlovskii. Av. i kosm. no. 5:40-48 Mr '68.
[Essays on the history of Soviet military medicine] Ocherki istorii sovetskoi voennoi meditsiny. Pod red. D. D. Kuvshinskogo i A. S. Georgievskogo. Leningrad, "Meditsina." 1968. 520 p.

355. 7(202)—Mediterranean Sea, including Atlantic and Aegean Seas
The Pentagon and the Mediterranean. A. Kalfman. Nov. vrem. 26 no. 30-31-25 Je '68

355. 7(41)—United Kingdom and Northern Ireland
Favorable promises and reality. III. Glukhov. Mezra. zhurnal. 15 no. 7 121-122 '68

370.17 (Continued)

Trojanovskii, V. A. [Adults and children. Notes of a teacher.] *Vzroslye i deti. Zapiski pedagoga. Kraevnarsk. [Kra. izd.]* 1967. 107 p. 11 pcd. Ivorchestvo. Uchitel', razdel, dnu zla shkoly).
V. I. Only on the role of physical training and the moral education of the Soviet people. (V. I. Denatov. "Teoriya i praktika fizicheskogo vospitaniya." 11 no. 4: 5-10.)
Vershchagin, N. M. [Propagandists of Leninist ideas.] *Propagandisty leninskikh idei. Moskva, "Sov. Rossiya,"* 1968. 111 p. (Ii-chika "V porokshch" sel. khtamun na chika." No. 6).

370.17(477) — **Ukrainian S.S.R.**

Role of the Communist Party of the Ukraine in the political training of communists during the period of the "Great Patriotic War." *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

370.17(477.6) — **Donetsk Basin**

Educational work in the Donets Basin. *A. K. Kozlovskii. Uchitel', razdel, dnu zla shkoly. 11 no. 5: 1-14.*

370.17(479.25) — **Armenian S.S.R.**

Propaganda in the Armenian SSR. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

370.17(571.51) — **Krasnodar Territory**

Work of the Party in the Krasnodar Territory. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373.3 Management. Teaching staff

373.1(477.311) — **Moscow Province**

Work of the Party in the Moscow Province. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373.1(477.13) — **Kirgizskiy Province**

Work of the Party in the Kirgizskiy Province. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373.4 Educational system

Trojanovskii, V. A. [Adults and children. Notes of a teacher.] *Vzroslye i deti. Zapiski pedagoga. Kraevnarsk. [Kra. izd.]* 1967. 107 p. 11 pcd. Ivorchestvo. Uchitel', razdel, dnu zla shkoly).

373.7 School hygiene. Health, physical training, games

Some problems concerning the method and physiological methods of selection for sports children. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373.7(476) — **White Russian S.S.R.**

Hygiene of the sports activities of children. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373.8 School life. Customs. Habits, uniform, etc.

A child of going to school. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373 Secondary education

Prilozhenie, I. P. [Physien quizes in secondary schools.] *Fizicheskie viktoriny v srednich shkoly. Izd. 2-e, dop. Moskva, "Prosvetshchennye,"* 1968. 174 p.

[Bulletin of the Ministry of Higher and Secondary Special Education of the U.S.S.R.] *Min. vys. i sred. spec. obz. SSSR. nos. 10-12, O.D. '67, nos. 1-7, Ja-Jl '68.*

Studying the liquid state of a substance in the physics course of secondary school. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

373.6 Technical and vocational institutes, polytechnical institutes

Answering our technical questions. *Sov. iust. no. 11: 32-34.*

A bridge from science to production. *M. Silenko, NTO 10 no. 5: 24-25.*

Knowledge useful to everybody. *P. Peregorodko, V. Kozlovskii, NTO 10 no. 1: 27-28.*

Psychological basis of forming technical concepts. *P. V. Lobanov, Uch. zap. Ivan. gos. ped. inst. 41: 7-10.*

Public and national universities. *I. Shchegolev, A. Zozov, NTO 10 no. 5: 21-22.*

Set of economics. *NTO 10 no. 3: 26-27.*

Use of studies in reliability. *P. V. Lobanov, Uch. zap. Ivan. gos. ped. inst. 41: 7-10.*

Training of commodity experts and ways of improving it. *I. Shchegolev, Sov. protch. koop. 12 no. 5: 26-28.*

373.6(471.318) — **Kaluga Province**

Cooperative work in Kaluga. *I. P. Shchegolev, Sov. protch. koop. 12 no. 5: 41-42.*

373.68 Agricultural training

Seminar of instructors of higher schools of agriculture. *N. B. Ruzavov, H. Iakovlev, Ekon. sovetshch. 43 no. 4: 124-125.*

373.68(471.313) — **Ryazan Province**

A practical course in the Ryazan Province. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Andreeva, M. S. [N. K. Kravskaya and cultural and educational work in rural areas.] *N. K. Kravskaya i kultura i obrazovanie v rural'nykh rayonakh. Moskva, "Sov. Rossiya,"* 1968. 150 p. (Ii-chika "V porokshch" sel. khtamun na chika." No. 5).

For those who are preparing for competitive examinations and are self-taught. *Sov. iust. no. 5: 25-26.*

More attention to raising the qualifications of cultural personnel. *Sov. iust. no. 5: 25-26.*

On the role of the Party in the training of the people. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Use of the Party in the training of the people. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

373.68(471.2) — **Estonia S.S.R.**

Training of the people in the Estonian S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

373.68(471.3) — **Leningrad S.S.R.**

A practical course in the Leningrad S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

373.68(477) — **Ukrainian S.S.R.**

A practical course in the Ukrainian S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the Ukrainian S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

373.68(477.13) — **West Ukrainian**

A practical course in the West Ukrainian. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

On the role of the Party in the training of the people. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

373.68(479.25) — **Armenian S.S.R.**

Training of the people in the Armenian S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

378 Higher education. Universities, colleges, academies

[Bulletin of the Ministry of Higher and Secondary Special Education of the U.S.S.R.] *Min. vys. i sred. spec. obz. SSSR. nos. 10-12, O.D. '67, nos. 1-7, Ja-Jl '68.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

Training of the people in the U.S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

378.24 Academic dissertations

On the role of the Party in the training of the people. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

379 Relation between school and society

Kiselev, V. I. [Participation of the rural intelligentsia in educational work.] *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

38 COMMERCE. TRADE. COMMUNICATION

380.1 Theory of trade

Prilozhenie, I. P. [A sketch plan for state deliveries and how the economy benefits by it.] *Tverdyi plan zapochkov-china na diel khozaistva. Moskva, Politizdat, 1967. 61 p.*

380.11 Supply and demand

380.11(571.1) — **Kaluga Province**

Work of the Party in the Kaluga Province. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

380.16 Control of trade. Trade registers. State trading

On the role of the Party in the training of the people. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

380.8 Tourist trade or industry

380.8(471.331) — **Kaluga Province**

Work of the Party in the Kaluga Province. *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

381 Island trade

Current problems of the fruit and vegetable trade. *P. Peregorodko, Sov. iust. 41 no. 5: 21-22.*

Developing direct links of collection and state farms with industrial and trade organizations. *A. V. Kishchenko, Ekon. sovetshch. 43 no. 5: 44-45.*

Regional enterprises and their role in the development of the economy. *S. S. Ruzavov, Sov. protch. koop. 12 no. 5: 41-42.*

Business accounting and profitability in trade. *Khozraschetnyy raschet i rentabel'nost' v torgovle. Moskva, "Ekonomika," 1968. 77 p.*

Business accounting and profitability in trade. *Khozraschetnyy raschet i rentabel'nost' v torgovle. Moskva, "Ekonomika," 1968. 77 p.*

381(431) — **German Democratic Republic**

Molisevskii, G. I. [Accounting in the trade of the German Democratic Republic.] *Prilozhenie. Druzhba, 11 no. 5: 1-14.*

381(471.1) — **Southwestern R.S.S.R.**

Supplying consumer goods to the population in the region of the Far North. *B. P. Shapalov, Prilozhenie. Druzhba, 11 no. 5: 1-14.*

381(479.24) — **Azerbaijan S.S.R.**

Training of the people in the Azerbaijan S.S.R. *N. B. Ruzavov, Ryazan. gos. izd. 12 no. 5: 41-42.*

381(57) — **Asiatic U.S.S.R.**

Supplying consumer goods to the population in the region of the Far North. *B. P. Shapalov, Prilozhenie. Druzhba, 11 no. 5: 1-14.*

381(575.1) — **Uzbek S.S.R.**

Problems of procuring early vegetables. *M. Kiselev, Sov. protch. koop. 12 no. 5: 44-45.*

381.1 Merchandise exchanges and markets

381.1(478) — **Moldavian S.S.R.**

On the collective farm markets of Moldavia. *I. P. Shchegolev, Sov. iust. 41 no. 5: 41-42.*

Business accounting in a store. *M. Shchegolev, Sov. protch. koop. 12 no. 5: 44-45.*

381.5(431) — **German Democratic Republic**

Self-service stores in the Democratic Republic of Germany. *I. P. Shchegolev, G. P. Pivovarov, Sov. iust. 41 no. 5: 44-45.*

381.5(471.22) — **Karelian A.S.S.R.**

Problems in the forestry trade. *E. Kiselev, B. P. Shapalov, Sov. protch. koop. 12 no. 5: 44-45.*

381.5(471.232) — **Leningrad City**

Efficiency of specialized consumer goods stores. *A. P. Shchegolev, Sov. iust. 41 no. 5: 44-45.*

41 (Continued)

Representation of a limited set of numbers. V. H. Kozlov. *Trudy Tbil. GU*, no. 94-143-145, 1962.

42 LANGUAGES AND DIALECTS

42(540)—India

Specific features of the language situation in the Hindi speaking areas. V. A. Chernyshev. *Nar. Az. i Afr.*, no. 2, 1967, 168.

43 Germanic languages

Makarova, M. M., and others. [Practical course in translating scientific and technical literature. German]. *Prakticheski kurs perevoda nauchno-tekhnicheskoi literatury*. Minsk: Izdat. 2-e, 1967, 140 p.

Shkhan, T. I. [Problems of syntactic style based on material of German prose]. *Problemy sintakticheskoi stilistiki*. (Na materiale nemetskoi prozy). Leningrad, "Prosvetshenie," 1967, 151 p. (Leningrad Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. *Uchenye zapiski*, vol. 315).

43.1 English

Moskova, S. I. A., L. A. Smakalova, and S. P. Chernyshev. [Terms of English literary criticism]. *Textbook for students of teachers colleges and philology departments of universities*. *Anglijskaja literaturovedcheskaja terminologija*. *Posobie dlia studentov ped. i filol. i hist. fak. univ.* Leningrad, "Prosvetshenie," 1967, 110 p.

Zul'ugarova, L. Sh. [English-Azerbaijani-Russian dictionary in chemistry and petroleum refining]. *Anglo-azerbaidzhanско-rosskii slovar' po khimii i neftepererabotke*. Baku, Izd. Akad. nauk Azerbaidzhan'skoi SSR, 1968, 371 p.

43.2 Russian

Angel'son, D. G., L. A. Protogenova, and E. M. Sosnko. [Manual on speech development. Supplement to "Textbook of the Russian language" for preparatory departments]. *Posobie po razvitiu rechi*. K "Deishenko rus. iaz." dlia podgotovki. (K. Moskva, Izd. Mosk. un-ta. Ch. 2, 1968, 224 p.

Gordev, A. N. [Modern literary Russian]. *Sovremennyi russkii literaturnyi iazyk*. Izd. 3-e. Moskva, "Prosvetshenie," Ch. 2, [Syntax]. *Sintaksis* 1968, 344 p.

Kryzhan, L. P. [Foreign words in modern Russian]. *Imennozhnyye slova v sovremennoi russkoi iazyke*. Moskva, "Nauka," 1968, 208 p.

Okayskikhov, I. V. [The sources of words. Stories of the science of etymology. (A book for students.)]. *K isto-kam slova*. *Rasskazy o nauke etimologii*. (Kniga dlia uchashchikhsia). Leningrad, "Prosvetshenie," 1968, 159 p. (Izuchaium rus. iaz.).

Pleznova-Sokolova, A. D., A. N. L'vova, and K. S. Danilova. [Russian-Chuvash dictionary of plant names found in Chuvashia]. *Russko-chuvashskii slovar' nazvanii rastenii, proizrastaiushchikh na territorii Chuvashii*. Izd. 2-o. Cheboksary, Chuvashskii gosizdat, 1967, 28 p.

Zul'ugarova, L. Sh. [English-Azerbaijani-Russian dictionary in chemistry and petroleum refining]. *Anglo-azerbaidzhanско-rosskii slovar' po khimii i neftepererabotke*. Baku, Izd. Akad. nauk Azerbaidzhan'skoi SSR, 1968, 371 p.

43.3 Ukrainian

Etymology of the city of Berdichev and the origin of its name. H. H. Mohyla. *Ukr. iet. zhurn.*, II no. 1, 100-103, 1967.

43.4 Baltic languages

Pleznova, J. J. [Lithuanian literary language of 16th-17th centuries]. *Lietuviu literaturne kalba XVI-XVII a.* Vilnius, "Mintis," 1967, 333 p. [In Lithuanian].

43.5 Other Indo-European languages

Specific features of the language situation in the Hindi speaking areas. V. A. Chernyshev. *Nar. Az. i Afr.*, no. 2, 1967, 168.

43.1.1 Ural-Altaic languages

Pleznova-Sokolova, A. D., A. N. L'vova, and K. S. Danilova. [Russian-Chuvash dictionary of plant names found in Chuvashia]. *Russko-chuvashskii slovar' nazvanii rastenii, proizrastaiushchikh na territorii Chuvashii*. Izd. 2-e. Cheboksary, Chuvashskii gosizdat, 1967, 28 p.

The Uralic-English dictionary; advance information. N. K. Kosen. *Nar. Az. i Afr.*, no. 2, 128-130, 1968.

Zul'ugarova, L. Sh. [English-Azerbaijani-Russian dictionary in chemistry and petroleum refining]. *Anglo-azerbaidzhanско-rosskii slovar' po khimii i neftepererabotke*. Baku, Izd. Akad. nauk Azerbaidzhan'skoi SSR, 1968, 371 p.

43.5.1 Sino-Tibetan languages. Japanese. Korean

Madarova, D. D. [Fundamentals of the transcription and transliteration of the Tibetan language]. *Osnovy transkriptitsii i transliteratsii dlia tibetskogo iazyka*. Man'chi, Harbin, Kn. izd., 1967, 103 p.

5. MATHEMATICS AND NATURAL SCIENCES

500 General

Degree of the common characteristics of the levels of scientific knowledge. V. I. Serebrenskii. *Nek. vop. metod.*, no. 1, 1967, 10-12.

Volkov, G. M. [Science and society]. *Nauka i obshchestvo*. Moskva, "Znanie," 1967, 83 p. (Novoe v zhizni, nauke i tekhnike. XVI Seriya: Nauchnyi kommunizm, 9).

501 Exact sciences in general

[Science and mankind 1967. Popular and exact information on the most important developments in world science. An international yearbook]. *Nauka i tekhnoobshchestvo*. 1967. *Dostupno i interesno glazam vnutrennego i mezhdunar. razvedaniia*. [Moskva, "Znanie," 1967] 422 p.

502 Natural history in general

Kedrov, B. M. [Marxist history of natural sciences]. *O marksistskoi istorii estestvoznaniia*. Moskva, "Znanie," 1968, 40 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Filosofiya," 4).

502.7 Nature and wildlife protection. Wildlife management. All-Union seminar on problems of nature protection. B. A. Shushkov. *Izv. AN SSSR, Ser. biol. nauk*, no. 1-6, 1967.

Follow-up of articles published in the periodical. *Sov. znan.*, no. 5, 1967, 10-11.

[Protect the nature!] *Beregite prirodu!* [Moskva, "Kulpa," 1967] 16 p. (Mir, trudi, konsumizm, Vyp. 12).

502.7(471.22)—Karlina A. S. S. R.

Protection of the Valtun Archipelago in Lake Ladoga as a natural monument. B. A. Andreiev. *Uch. zap. Leningradsk. un.*, 16 no. 6, 61-71, 1968.

51 MATHEMATICS

[Collection of problems in higher mathematics]. *Sbornik zadach po vyssheii matematike*. Pod red. E. S. Markovskoi. Moskva, "Vyssh. shkola," 1967, 230 p.

Mikhailov, V. K., and N. M. Mikhailova. [Laboratory manual on mathematics]. *Matematicheski laboratornyi praktikum*. Cheboksary, 1967, 86 p.

Ways for raising the level of mathematical knowledge of high school students. S. E. Sivovskii. *Uch. zap. Leningradsk. un.*, 16 no. 2, 217-248, Apr.-Apr. 1968.

51(471.310)—Moscow City

Meetings of the Moscow Mathematical Society. *Uch. zap. Leningradsk. un.*, 16 no. 2, 201-208, Apr.-Apr. 1968.

51(474.5)—Lithuanian S. S. R.

Nauchnata konferentsia mokslych uchemykh Lietuvoski SSR, rabotajushchikh v oblasti fiziki, matematiki i kibernetiki. Vilnius, 1967. (Materials of the Scientific Conference of Young Scientists of the Lithuanian S. S. R. Specializing in Physics, Mathematics, and Cybernetics) [Materialny konferecstai]. Vilnius, 1967, 360 p.

51(477)—Ukrainian S. S. R.

Summaries of the development of the physical, technical and mathematical sciences for half a century in the Ukrainian S. S. R.: lecture by Academician V. M. Vashkov, vice-president of the Academy of Sciences of the Ukrainian S. S. R. *Dop. AN URSR, Ser. B*, 39 no. 3, 213-223, Apr. 1968.

51.01 Philosophy of mathematics

Quantification of knowledge as a problem of the logic and methodology of science. F. A. Rikhter. *Nek. vop. metod. nauk*, no. 2, 70-85, 1968.

51.01 Arithmetic

Kolov, A. A. [Evenings of interesting arithmetic. For students of the fourth grade of elementary schools]. *Vechera zanimat'noi arifmetiki. Dlia uchashchikhsia 4-go klassa nach. shkoly*. Izd. 2-o, 1967, 140 p.

51.1.2 Theory of numbers

Analogy of a Tauberian theorem for infinite products. K. Stepanchuk. *Izv. vys. ucheb. zav., mat.*, no. 4, 70-71, Apr. 1968.

On sets of "generalized" Markov numbers. B. G. Kogonina. *Trudy Tbil. GU*, no. 94-143-145, 1962.

Representation of numbers by binary quadratic forms.

G. A. Lomova. *Trudy Tbil. GU*, no. 94-143-145, 1962.

511.22 Congruences and residues

Problems concerning congruences with periodic coefficients. V. I. Seiden. *Mat. zam.*, 3 no. 6, 625-632, 1968.

511.5 Diophantine equations

On the Diophantine equations $x^2 + y^2 + z^2 = 2$, $x^2 + y^2 + z^2 = 2$, $x^2 + y^2 + z^2 = 2$, $x^2 + y^2 + z^2 = 2$. V. A. Krasnolentsev. *Izv. vys. ucheb. zav., mat.*, no. 4, 127-130, Apr. 1968.

512 Algebra

[Achievements of science. Algebra, Topology, Geometry]

[Dop. nauki, Algebra, Topologiya, Geometriya]. 1968.

Moskva, 1968, 268 p. (Seriya "Matematika").

English All-Union Colloquium on General Algebra. B. I.

Shkhan, L. A. *Stenogram. Uch. zap. Leningradsk. un.*, 16 no. 2, 214-216, Apr.-Apr. 1968.

Science of series. V. Kozlovskii. *Uch. zap. Leningradsk. un.*, 16 no. 2, 214-216, Apr.-Apr. 1968.

512.13 Equalities and inequalities

Some inequalities of the V. A. Markov type. V. A. Andriev. V. M. Puzskii. *Mat. zam.*, 3 no. 4, 431-440, 1968.

512.63 Matrices

Calculation of the parameters of a multiparameter network using given characteristics of a system of a complex network. G. T. Adonis. *Izv. AN SSSR, Energ. i transport*, no. 2, 18-20, Apr. 1968.

Factors of uniform convergence, and summability of Fourier series by rectangular matrices. I. I. Kharshilidze. *Trudy Tbil. GU*, no. 94-143-145, 1962.

Spectral matrix and the inverse Sturm-Liouville problem on the $(-\infty, \infty)$ axis. P. S. Rabinovich. *Trudy Tbil. GU*, no. 94-143-145, 1962.

Spectrum of random matrices. V. A. Marchenko, L. A. Pastur. *Trudy Tbil. GU*, no. 94-143-145, 1962.

512.89 Algebraic forms

Representations of numbers by binary forms. A. I. Vinogradov. V. G. Spiridonov. *Mat. zam.*, 3 no. 4, 431-440, 1968.

512.9 Vector analysis. Calculus of tensors

Formulas for the rotation of the vector field. I. M. Ginzburg. *Uch. zap. Leningradsk. un.*, 16 no. 6, 61-71, 1968.

Intersection of invariant of objects of three matrix groups with the old algebra of tensors. M. V. Ginzburg. *Uch. zap. Leningradsk. un.*, 16 no. 6, 61-71, 1968.

Vector analysis for electrical engineers and wireless operators. *Vektornyi analiz dlia inzhenerov-elektrikov i radiofiz.* Moskva, "Energia," 1968, 253 p.

513 Geometry

[Achievements of science. Algebra, Topology, Geometry]

[Dop. nauki, Algebra, Topologiya, Geometriya]. 1968.

Moskva, 1968, 268 p. (Seriya "Matematika").

Intersection of invariant of objects of three matrix groups with the old algebra of tensors. M. V.

Ginzburg. *Uch. zap. Leningradsk. un.*, 16 no. 6, 61-71, 1968.

Some notes on a V. surface by a H. Euclidean space.

I. D. Galikova. *Izv. vys. ucheb. zav., mat.*, no. 4, 67-68, Apr. 1968.

Third All-Union Conference on Geometry. A. P. Nordin.

V. V. Vinogradov. *Uch. zap. Leningradsk. un.*, 16 no. 2, 214-217, Apr.-Apr. 1968.

513.3 Solid geometry

Invariant characteristics of a space associated with the determination of a slender rod. A. V. Gaidman. *Izv. vys. ucheb. zav., mat.*, no. 4, 21-25, Apr. 1968.

513.6 Algebraic curves, surfaces and varieties

On the number of cells in a dynamic system. A. Mykila.

L. Reizina. *Mat. zam.*, 3 no. 6, 707-714, 1968.

Some examples of manifolds of semigroups. V. I.

Murskii. *Mat. zam.*, 3 no. 6, 663-670, 1968.

513.7 Line and enumerative geometry. Complexes. Correspondence. Complexes. Kinematic geometry. Transformations

Existence of topologically noncontractible homeomorphic transformations of an n-dimensional domain. E. A. Sidorenko. *Mat. zam.*, 3 no. 4, 427-430, 1968.

Example of a homotopic tube constructed from a surface with a closed asymptotic line. G. A. Kovalova. *Mat. zam.*, 3 no. 4, 403-413, 1968.

5192 Probability theory

Application of Kolmogorov's equations to the analysis of stochastic processes in systems with limited capacity. *Ann. Statist.* 1, 2, 1973, 459-471, 16 refs.

Asymptotic methods for estimating algebraic functions and the validity of a functional equation as application to some problems of operations research. *J. Appl. Probab.* 10, 1973, 657-667.

Construction of Goursat functions of the second kind in a variation of the homogeneous polynomial. *J. Appl. Probab.* 10, 1973, 667-677.

Determining the R^2 for a linear model by the method of the least squares without resorting to the use of a computer. *Stat. Probab. Theory* 1, 1973, 117-127.

On the theory of the probability theory and some problems affecting experimental data processing. Abstract of lectures. *Elementy teorii veroyatnostey i faktorye vyvoda dlya obrabotki uplykh danykh*. Kazansk. tsentr. Volgograd. Nizhne-Volzhskoe kn. izd., 1967, 55 p.

[MICROFILM]

Krasovskiy, A. A. [Statistical theory of transitions in control systems]. *Statisticheskaya teoriya pereklyuchnykh protsessov v sistemakh upravleniya*. Moskva, "Nauka," 1968, 210 p. (Teoriya upravleniya i kibernetika).

Mathematical examination of functions. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Probability of using the probability theory for the solution of some problems in engineering. *Trudy Vsesoyuznogo nauch. issled. inst. teorii i priklad. matematiki* 24, no. 2, 1973, 1-15.

Some of the conditions for being a function. *Trudy Vsesoyuznogo nauch. issled. inst. teorii i priklad. matematiki* 24, no. 2, 1973, 1-15.

The probability concept. *Trudy Vsesoyuznogo nauch. issled. inst. teorii i priklad. matematiki* 24, no. 2, 1973, 1-15.

A probability inequality. *Mat. zh.* 3, no. 6, 1973, 713-715.

Relation between random metric spaces and spaces of operators. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Representation of a function in one variable. *Trudy matematicheskogo instituta imeni Steklova* 10, 1973, 1-10.

Variational theory of nonlinear equations

Trudy Tbil. GU no. 64 273-281, 1962.

5193 Theory of groups. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

On the theory of the formation of stars. *Trudy Tbil. GU no. 64 273-281, 1962.*

Principal characteristics of the medium-period in visual observations of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Program for the observation of zenith stars with a zenith telescope in order to determine their distance. *Sov. Astron.* 1962, no. 1, 1-10.

Proper motion of an object identified with a source. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

Contribution to the theory of the formation of stars. *Sov. Astron.* 1962, no. 1, 1-10.

356 (Continued)

537.3 (Continued)

- [illegible]

537.5 Electric discharges, radiation, ionization

- A**fterglow of helium in the argon near the cathode of a glow discharge. L.I. Avdeyko, V.I.U. Zaleskii. Opt. i Spekt., 21 no. 1 p. 86-90, 1976.
- A**nalysis of a temperature field in a cylindrical symmetrical column of the electric arc. E.I. Aisnovskii, G.P. Pukhovskiy. Teplofiz. vys. temp., 6 no. 2 333-336, 1970, 24 refs. Mst-Ap. 68.
- C**alculation of a cylindrical electrode allowing for energy transport by radiation. Analysis of hydrogen at a pressure of 10⁻⁶ atm. A. I. Orlinov, V.G. Sevast'yanov. Zh. tekh. fiz., 42 no. 2 217-221, 1976.
- E**lectrical characteristics of a high-frequency source of negatively charged ions from a charge-exchange ionization injector. G.L. Dimov, B.M. Sukhinin. Prikl. tekhn. eksp., 20, 2:16-15, 1A-B, 1976.
- C**ontinuous spectrum in a positive column in argon. H.B. Golubovskii, M.M. Kagan, N.I. Lagudovichenko. Gal. i Spekt., 21 no. 2 286-286, 1976.
- C**ontacted high-frequency discharge in argon. S.D. Vagner, Yu.M. Kagan, G.U. Khramtsov. Opt. i Spekt., 24 no. 5:671-676, May '76.
- A** corona discharge from a dielectric surface. Ch.M. Dzhevarly, G.V. Veclidze, N.Y. Gouin. Dokl. AN Arm.SSR, 23 no. 10 6-10, '87.
- C**urrents limited by space charges in the presence of donors. H. L. Timm, V.M. Fesenko. Fiz. i tekhn. poluprov., 2 no. 2:272-275, Feb. '68.

- Effect of a plasma density on the electron temperature measurement by the relation of intensities of hydrogen spectral lines. O. V. Kuznetsov, N. A. Mikhlin, A. L. Pechenkin. *Zhur. prikl. spekt.*, 11 no. 1149-1153 Ja '68.
- Effect of fast electron bombardment on the cathode of a vacuum tube. L. A. Borovik, A. A. Borovik, V. S. Chernov. *Zhur. prikl. spekt.*, 11 no. 1154-1157 Ja '68.
- Effect of high emission from tungsten cathodes in a vacuum tube. G. A. Borovik, A. A. Borovik, V. S. Chernov. *Zhur. prikl. spekt.*, 11 no. 1158-1161 Ja '68.
- Effect of poisoning of the cathode on the polarization of the spectrum of an arc discharge. L. I. Gaidukov, U. K. Kap. *Opt. spektroskopiya*, 11 no. 1162-1166 Apr '68.
- Effect of reduced pressure of various gases on the intensity of iron lines in arc discharges and spark discharges. O. V. Mikhlin, A. L. Gorevskii. *Zhur. prikl. spekt.*, 11 no. 1164-1166 Apr '68.
- Electron and optical characteristics of the positive column of a hydrogen discharge at reduced pressures. I. B. Borovik, L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1167-1170 Apr '68.
- Investigation of the ion-atom substance into the anodic polarization changes in the mechanism of hydrogen arc. H. P. Melnikov, N. K. Rudakovskii. *Zhur. prikl. spekt.*, 11 no. 1171-1176 Apr '68.
- Experimental study of a discharge near the surface of spray-coated cerium on an argon-hydrogen mixture. T. V. Sushchinskii. *Teplotekhnika*, 6 no. 2, 246-248 Mr-Apr '68.
- Field emission and ionization of an ionization in a vacuum. G. N. Lutsenko. *Izv. vuz. fiz.*, 10 no. 34, 120-124 '68.
- Investigation of the mechanism of the formation of the electron emission of a surface in a vacuum. A. A. Adamovskii, A. A. Borovik. *Zhur. prikl. spekt.*, 11 no. 1177-1180 Apr '68.
- Investigation of the discharge in a fluorine gas mixture. L. I. Gaidukov, S. D. Vasyuk, T. S. Gaidukovskii. *Teplotekhnika*, 6 no. 2, 249-251 Mr-Apr '68.
- Negative glow discharge effect of a pinch effect. V. P. Borovik, V. S. Chernov. *Teplotekhnika*, 6 no. 2, 252-254 Mr-Apr '68.
- Measurement of the electron temperature by the intensity ratio of hydrogen lines. G. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1181-1184 Apr '68.
- Measurement of the temperature of a plasma of pulse discharges in a discharge tube. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1185-1188 Apr '68.
- Mechanism of the effect of alkali elements on hydrogen emission in the positive column of a vacuum tube. A. L. Gaidukov, A. A. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1189-1192 Apr '68.
- Measurement of the electron temperature in the positive column of a glow discharge. G. A. Borovik, V. P. Borovik, V. S. Chernov. *Teplotekhnika*, 6 no. 2, 255-257 Mr-Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1193-1196 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1197-1200 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1201-1204 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1205-1208 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1209-1212 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1213-1216 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1217-1220 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1221-1224 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1225-1228 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1229-1232 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1233-1236 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1237-1240 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1241-1244 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1245-1248 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1249-1252 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1253-1256 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1257-1260 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1261-1264 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1265-1268 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1269-1272 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1273-1276 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1277-1280 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1281-1284 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1285-1288 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1289-1292 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1293-1296 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1297-1300 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1301-1304 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1305-1308 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1309-1312 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1313-1316 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1317-1320 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1321-1324 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1325-1328 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1329-1332 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1333-1336 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1337-1340 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1341-1344 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1345-1348 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A. Borovik, A. L. Gaidukovskii. *Zhur. prikl. spekt.*, 11 no. 1349-1352 Apr '68.
- On the mechanism of the effect of a glow discharge on the plasma of a glow discharge. L. A.

537 531 X rays. Gamma rays

- Absorption coefficient of silicon in the region of α -rays. V. A. Lomachenko, I. I. Zaslavskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 294-296, 1978, 1 p.
- Angular dependence of the damping of X rays for specimens of cylindrical and spherical shape. V. A. Lomachenko, V. A. Zaslavskaya. *Kristallografiya*, 21 no. 2, 297-300, Mar-Apr '78.
- Calculating the burnup of two-phase systems by X-rays by the method of K. A. V. Lomachenko, A. P. Zaslavskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 322-324, Mar-Apr '78.
- Crystalline structure of Te125 nuclear targets. D. S. A. Gerasimov et al. *Dokl. AN SSSR, Ser. Fiz.*, 232 no. 2, 248-250, 1978, 3 p.
- Development of methods of all-solid X-ray spectroscopy. A. P. Zaslavskaya et al. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 325-327, Mar-Apr '78.
- Effects of extraneous reflections on the determination of the intensity of diffraction. V. A. Lomachenko. *Dokl. AN SSSR*, 211 no. 2, 311-313, 1978.
- Effects of multilayer targets of the parallel type on the determination of the intensity of diffraction. V. A. Lomachenko. *Dokl. AN SSSR*, 211 no. 6, 12-14, 1978.
- Distribution and removal of hydrocarbons in the C-11 by the method of the hydrocarbon analysis. V. P. Petrov, B. B. Morozov. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 328-330, Mar-Apr '78.
- Determination of the absorption coefficient of the α -rays of ^{241}Am . G. M. Kishin. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 331-332, Mar-Apr '78.
- Determination of the dose in the skin caused by α -rays and gamma rays. V. A. Zaslavskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 333-334, Mar-Apr '78.
- Isolation of the complex component in X-ray analysis. G. P. Ilyashenko, Z. V. Ilyashenko, G. V. Davydov. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 335-336, Mar-Apr '78.
- Method of differential reflecting filters. V. A. Zaslavskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 337-338, Mar-Apr '78.
- Neutron irradiation of the cells in the tissue of organs. Ionization under various conditions of X-ray analysis. V. A. Zaslavskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 339-340, Mar-Apr '78.
- Results of accurate gamma therapy of pituitary adenoma. A. I. Smolodkin, I. M. Shvachkin. *Vopr. med. fiz.*, 1978, 1-2, 11-12, 1978.
- Review of studies on the X-ray photoanalysis of the α -emitters. M. A. Rumsht. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 341-342, Mar-Apr '78.
- Significance of the conditioned reflex system in human radiology. V. N. Smolodkin. *Zh. vopr. med. fiz.*, 1978, no. 1, 10-12, Jan-Feb '78.
- Skin cancer originating in regions formerly exposed to ionization effect. A. I. Alekseyenko. *Vopr. med. fiz.*, 1978, no. 1, 13-15, Jan-Feb '78.
- Spectral distribution of the luminescence photoeffect in the α -emitters in the α -region of X-rays. V. A. Zaslavskaya, V. A. Kozlovskaya, V. A. Zaslavskaya, B. B. Kozlovskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 343-344, Mar-Apr '78.
- Study of a vacuum chamber for X-ray spectroscopy. B. B. Kozlovskaya, G. A. Gromovskaya. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 345-346, Mar-Apr '78.
- Some data for the Compton effect. V. M. Shvachkin. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 347-348, Mar-Apr '78.
- Use of a BHS-501M unit in studying chemical analysis of X-rays by spring alloys. A. A. Zaslavskaya, I. I. Zaslavskaya, P. P. Pashkov. *Zh. vopr. med. fiz.*, 1978, 1-2, 15-14, 1978.
- X-ray scattering by aluminum-zinc alloy as a function of the region of very small angles. A. S. Zaslavskaya, I. V. Petrov. *Dokl. Akad. Nauk SSSR*, 211 no. 2, 349-350, Mar-Apr '78.

537.533 Negative rays. Cathodo rays. Electron optics.

- Decreasing in electron microscopical study of polyacrylonitrile. *I. M. Khachatryan, K. Z. Gamiroglu, V. Englekian, V. M. Ponomarev*, *Plasma Chem. Technol. Appl. Polym. Sci.*, **1978**, 11, 102-111, 40 refs.
- Electron microscopical study of 1-hydroxybutyl acrylate in the presence of its monofunctional, *V. M. Ponomarev, E. A. Sotnikova, I. M. Khachatryan, Zh. Mikhaylov, A. A. Spil'din, Izv. Akad. Nauk SSSR, Khim. Nauk*, **1978**, 15, 100, 119-124, 33 refs.
- Electron-optical amplitude light microscope with 35° exit anamorphic diaphragm, *A. A. Spil'din, I. M. Khachatryan, E. A. Sotnikova, V. M. Ponomarev, Zh. Mikhaylov, Plazma Khim. Tekhnol. Appl. Polym. Sci.*, **1978**, 11, 102-111, 40 refs.
- Electron-optical method of measuring fluxes of 10^{-10} pulse radiation, *G. A. Akopulyants, G. A. Kiselev, Zh. Tekh. Khim. i. Prikl. Tekhnol.*, **1978**, 11, 70-79, 14 refs.
- A 100 MeV electron optical light microscope, *I. M. Khachatryan, V. M. Ponomarev, E. A. Sotnikova, Zh. Mikhaylov, Plazma Khim. Tekhnol. Appl. Polym. Sci.*, **1978**, 11, 102-111, 40 refs.

537.7 Electrical measurements

- Research on the stimulation of hydrodynamic processes in a fluid under conditions of high turbulence and generation of the flow.** A. A. Ivlev, Izv. VNIIG 85 170-185 '67.
- 538 Magnesium. Electromagnetism**
- Attenuation of a current in a superconductor ring.** Effect of low-frequency magnetic field. S. V. Odenov, V. A. Shakhman, Izv. vuz. fiz., 1967, No. 11, 7 no. 5103-105 51 no. '68.
- Closed magnetic configurations for the confinement of a plasma.** L. S. Solov'ev, V. II. Shabat, Vop. fiz. plaz., no. 5, 1-208 '67.
- Concentration dependence of the chemical shift of signals of the nuclear magnetic resonance of ^{119}Ag in ethylalcohol solutions.** P. M. Burdun, R. Dob. S. V. A. Sheberlov, (Adm. mag. rezon. no. 2, 50-51 '67).
- A determination of a paramagnetic particle concentration in a fluid by a nuclear magnetic relaxation method.** A. A. Popov, Z. A. Shaprykova, Zash. iab. 33 no. 12 151-1521 '67.

[illegible]

- [illegible]

100

refractive index and electro-optical effect in KCl crystals containing impurities. M. M. Sokolova, H. M. Bol'shakov, M. K. Rodionov. Kristallografia 11 no. 2 135-137 Mr.-Ap. '68.

Gathering of slow electrons by static Gaussian electric potentials. V. E. Bol'shakov, A. H. Mikhalev, Kristallografia 11 no. 2 21-23 Mr.-Ap. '68.

Superparamagnetic centers in spinite. A. A. Gerasimov, L. G. Gerasimova, L. G. Gerasimova, Kristallografia 11 no. 2 151-156 Mr.-Ap. '68.

Structure of electric nonpolarized thin films. Part 2. Crystalline and amorphous structures of polymers. S. B. Zhuravskiy, V. M. Agre, Kristallografia 11 no. 2 251-257 Mr.-Ap. '68.

Structure of liquid crystalline para-azobenzene in convective electric fields. L. A. Kostina, L. G. Chibrikov, Kristallografia 11 no. 2 295-301 Mr.-Ap. '68.

Study of Arago using the matrix quadrupole resonant method. I. N. Pen'kov, I. A. Shtin, Kristallografia 11 no. 2 110-112 Mr.-Ap. '68.

Study of the deformed state of VLS using the method of x-ray diffraction analysis of the shape of interfacial lines. I. V. Semakova, V. F. Tkachenko, Kristallografia 11 no. 2 356-359 Mr.-Ap. '68.

Three-dimensional periodic structure of atoms in an aged alloy of Cu-Bi. M. V. Dvornik, H. D. Tlapkin, Kristallografia 11 no. 2 401-410 Mr.-Ap. '68.

Use of the pseudopotential method in calculating the surface states of electrons in crystals. A. S. Papkova, I. I. Stepanov, V. A. Chudilov, Fiz. tverd. tel. 10 no. 2 210-213 Mr.-Ap. '68.

X-ray diffraction examination of the structure of Eu₂(NO₃)₆·6H₂O, Ca₂(NO₃)₆·6H₂O, Th₂(NO₃)₆·6H₂O. A. A. Voronov, N. G. Shindalovskiy, Kristallografia 11 no. 2 16-22 Mr.-Ap. '68.

549 MINERALOGY

Accelerated crystallization of enstatite and clinochrysoite. I. P. L'vov, Trudy Min. muz. no. 10-10a-196 '68.

Basalticite from alkalis. I. I. Kopteva, Trudy Min. muz. no. 10-205-209 '68.

Growth of a thin lamellar euhedral plate on the surface (Winkler) of a basal crystal under laboratory conditions. Displacement and angular deformation of the surface. I. I. Kopteva, Izv. VNIIG 65 201-211 '67.

Case of oriented substitution of calcite by aragonite in garnets. N. N. Samoilova, Trudy Min. muz. no. 10-213-217 '68.

Crystallization of Lomonosov in petrological mineralogy. M. D. Kapitonov, Zhurnal Zemn. no. 2 173-187 '61.

Crystalline forms of calcium carbonate separating from solutions of calcium hydroxide containing organic substances. N. P. Mochalova, V. I. Moshkova, N. P. Yerm. Doklady Akad. Nauk, 161-163 '68.

Crystallography and morphology of minerals exhibited in the Museum of Earth Sciences. M. D. Kapitonov, Zhurnal Zemn. no. 3 182-193 '66.

Development of the Mineralogical Museum of the Academy of Sciences during 250 years. (1710-1960). O. P. Baranov, Trudy Min. muz. no. 10-213-217 '68.

Diamond crystals with fluorapatite. V. I. L'vov, Trudy Min. muz. no. 10-100-101 '68.

Crystallization of quartz crystals on the surface of KCl and the effect on optical homogeneity. K. I. Chibrikov, Trudy Min. muz. no. 10-213-217 '68.

Distribution of rare alkali elements in minerals. N. A. Sokolov, L. A. Ivanova, H. P. Shtolova, Trudy Min. muz. no. 10-123-129 '68.

Diamond structure of natural pyrite. M. A. Grachevskiy, O. N. Zhuravskiy, Zhurnal Zemn. no. 2 151-153 '64.

Diamond structure of pyrite from carbonates. M. A. Grachevskiy, O. N. Zhuravskiy, Zhurnal Zemn. no. 3 12-33 '65.

Effect of interbedded calcite on fluorite (L'vov). B. P. Grachevskiy, N. P. Chibrikova, Rend. min. syr. no. 6 99-107 '67.

Effect of interbedded calcite on fluorite (L'vov). B. P. Grachevskiy, N. P. Chibrikova, Rend. min. syr. no. 6 99-107 '67.

Epigenetic coloring of diamond crystals in amoky and pink-lilac color. H. I. Dvornik, P. N. Koshchikov, Trudy Min. muz. no. 10-210-213 '68.

Epitaxial growth of malachite and pyrite with fluorite. I. Rono, M. D. Horfman, Trudy Min. muz. no. 10-172-175 '68.

First find of natural homopolymers in the U.S.S.R. V. V. Ardeev, Izv. AN SSSR, Ser. B 30 no. 4 311-312 Ap. '68.

Isotothermal hardening binders. P. P. Bolshakov, L. A. Koshchikov, Zhurnal VNIIG 65 201-211 '67.

Isotopic report on the 3d All-Union Conference on the Petrography of Raw Materials. H. A. Platenko, Rend. min. syr. no. 6 123-130 '67.

Isotaxial clay minerals and some relations with silicates. V. V. Vlasov, V. I. Romiznikova, Rend. min. syr. no. 8 422-428 '67.

Magnesium-calcium and calcium arsenate of the arsenic deposits. L. K. Akhmedova, Trudy Min. muz. no. 10-154-167 '68.

Mechanism of diamond formation in metal-carbon systems. H. A. Litvin, Izv. AN SSSR, Ser. B 30 no. 2 175-181 F. '68.

Mechanism of the calculation of pressure inside the Earth's crust. O. I. Shchukin, Bul. nauch.-tekhn. inform. VIMS no. 7 81-82 '62.

New finds of larkinite and achinite, their parageneses and products of change. N. M. Portsev, M. A. Begomov, I. D. Mikhalev, Trudy Min. muz. no. 10 105-122 '56.

New finds of larkinite in the U.S.S.R. between 1917 and 1960. M. D. Horfman, S. V. Vasil'eva, O. A. Ardeeva, Trudy Min. muz. no. 10 50-79 '58.

Processing of silicate-rich solutions obtained in cementation of larkinite and achinite. I. M. Kiselev, Khim. prom. Ussr. no. 3 36-38 Mye-Je '68.

Products of the thermal decomposition of calcite. Z. V. Yemelyanova, G. M. Tarnopolskiy, H. S. Shchukin, Rend. min. syr. no. 6 91-94 '67.

Radiation detecting of impurities in diamonds. H. L. Orlov and others, Trudy Min. muz. no. 10 214-217 '68.

Slow of processes of mineral formation in the deposits of the Museum of Earth Sciences. M. D. Kapitonov, Zhurnal Zemn. no. 2 156-166 '64.

Study of the thermal decomposition of calcite. Z. V. Yemelyanova, G. M. Tarnopolskiy, H. S. Shchukin, Rend. min. syr. no. 6 91-94 '67.

Study of the formation of nickel copper and zinc ferrites from hydroxides. V. P. Chisty, H. N. Laskovskiy, Izv. AN SSSR, Ser. B 30 no. 2 217-218 F. '68.

Study of the process of calcite synthesis. G. A. Vashuk, V. V. Moshalova, I. N. Sokolov, Izv. AN SSSR, Ser. B 30 no. 2 258-262 F. '68.

Symmetry of the larkinite-achinite group of minerals. K. I. Orlovskiy, Rend. min. syr. no. 6 103-113 '67.

Thermodynamic characteristics of the composition of pyrite of calcite-rich deposits. M. S. Sakharova, Trudy Min. muz. no. 10-226-234 '68.

Use of reflections of 654 and 608 for the precise determination of parameters of the elementary lattice in the isomorphous series of beryl. T. A. Sosolovskiy, Rend. min. syr. no. 6 87-90 '67.

Use of the magnetic powder method in the study of minerals. M. A. Grachevskiy, O. N. Zhuravskiy, Zhurnal Zemn. no. 2 145-150 '64.

Vinylol, V. S., and others. [Electrical properties of diamonds bombarded by lithium and boron ions]. Elektricheskie svoystva almazov, pul'vergnykh kondirovok i tonami litia i bora. Moskva, 1968, 7 p.

[MICROFILM]

X-ray diffraction study of samarskite. A. I. Komkov, Rend. min. syr. no. 6 5-27 '67.

X-ray study of products of ceramide calcination. K. K. Vasil'ev, H. S. Shchukin, Rend. min. syr. no. 6 85-90 '67.

Zirconium spherulites from alkali gradients. T. A. Ivanova, Trudy Min. muz. no. 10-181-187 '68.

549(234)—Mediterranean U. S. S. R.

Specific associations of accessory minerals and division of upper Paleozoic granitoids of the Urals. B. K. L'vov, M. I. Petrova, Vozrozhdenie i razvitie, 3 62-87 '68.

549(470)—European U. S. S. R.

Formation of clay minerals in Pre-Cambrian weathering surfaces of the central part of the Russian Platform. V. A. Kozlovskiy, N. P. Sesterevskiy, Bul. MIOG, Old. geol. 42 no. 5 105-117 N-D '67.

Thalassite of the northwestern part of the U.S.S.R. A. I. Vashchekova and others, Trudy Min. muz. no. 10-176-182 '66.

549(471.6)—Ural regions

Use of the deceptophane method for the study of sulfide minerals of chalcopyrite deposits in the Southern Urals. B. V. Hlobov, G. V. Ruchkin, Vest. Moskv. univ. Ser. 4-Geol. 23 no. 2 98-101 Mr.-Ap. '68.

549(477)—Ukrainian S. S. R.

Mafica containing lithium from the contact zone of pegmatite and enclosing rocks (Middle Borda Valley). V. V. Rukhovich, Dop. AN URSR, Ser. B 30 no. 3 245-248 Mr. '68.

Garnet from xenoliths of skarned carbonate rocks in Precambrian rocks of the Azov Sea region. H. A. Mordukhai, O. I. Chibrikova, Dop. AN URSR, Ser. B 30 no. 4 311-311 Ap. '68.

Some data on the formation of fluorite from xenoliths of calcite. O. I. Chibrikova, Dop. AN URSR, Ser. B 30 no. 4 321-321 Ap. '68.

549(477.9)—Crimea

Mordukhai from clastic rocks of Karadag (Eastern Crimea). V. A. Suprychov, Dop. AN URSR, Ser. B 30 no. 3 225-228 F. '68.

549(571)—Asiatic R. S. S. R.

Accessory samarskite from pegmatites of Adun-Cholon. V. A. Kornetova, V. B. Alekseyev, M. E. Kazakova, Trudy Min. muz. no. 10-191-196 '66.

Axinite from apatite-rich pegmatites (Eastern Siberia). N. S. Samoylov, Trudy Min. muz. no. 10-225-227 '68.

Lithium in talc-like-type pegmatite veins from the deposit in Transbaikalia. V. A. Kornetova, L. K. Akhmedova, M. E. Kazakova, Trudy Min. muz. no. 10-205-208 '68.

Accessory samarskite from pegmatite veins of Zolotaya Gora (Borzhomi-Georgian Republic, eastern Transbaikalia). V. A. Kornetova, V. B. Alekseyev, M. E. Kazakova, Trudy Min. muz. no. 10-191-196 '66.

549(571.55)—Chilia Province

Accessory samarskite from pegmatite veins of Zolotaya Gora (Borzhomi-Georgian Republic, eastern Transbaikalia). V. A. Kornetova, V. B. Alekseyev, M. E. Kazakova, Trudy Min. muz. no. 10-191-196 '66.

549(574)—Kazakh S. S. R.

Beryl and kyanite from crystal-bearing interstices of granite pegmatites of Kazakhstan. M. H. Kristakova, Trudy Min. muz. no. 10 140-153 '68.

Rare earth minerals from crystal-bearing interstices of granite pegmatites (Kazakhstan). M. H. Kristakova, M. E. Kazakova, Trudy Min. muz. no. 10-245-249 '66.

549(575)—Central Asia

Localite from Central Asia. V. P. Apollonov, Trudy Min. muz. no. 10 166-171 '66.

Products of the "leucocentrization" of apatite and ilmenite in green formations of the Gorny Altai. E. N. Nikulina and others, Rend. min. syr. no. 6 63-76 '67.

549(73)—United States of America

Economic trends in the production of silicate materials in the United States. L. E. Stepanovskiy, Zhurnal VNIIG 65 no. 2 212-218 '68.

549(88)—Arctic and North Polar regions

Mineralogy of niobium and niobium in pegmatites of the northwestern part of the White Sea region. L. N. Rubtsova, M. E. Kazakova, Trudy Min. muz. no. 10-218-224 '68.

55 GEOLOGY AND COLLATERAL SCIENCES. METEOROLOGY

550.3 Geophysics

Achievements of Soviet volcanology. S. I. Nal'cho, Bul. nauch. slo. no. 44 3-10 '68.

Apparatus, methodology, and interpretation of geophysical observations. Apparatura, metodika i interpretatsiya geofizicheskikh nabludeni, Kazan', Izd. Kazan. univ., Vyp. 2, 1967, 191 p.

Development of the representation of the magnetism of the Greater Caucasus up to 1917. S. B. Detsenko, Zhurnal Zemn. no. 3 210-226 '65.

Effect of geological structure on the redistribution of the density of heat balance. H. S. Shchukin, Bul. MOIP, Old. geol. 42 no. 6 150-151 N-D '67.

[Geophysics] Ref. zhur.: Geofiz. no. 7 11 '68.

Mathematical modeling of statistical geophysical problems of the earth's crust and upper mantle according to geological and geophysical information. H. P. Petrov, B. E. Bol'shakov, Bul. MOIP, Old. geol. 42 no. 6 151-152 N-D '67.

Method of the calculation of the depth of lower limitation of magnetized masses. H. A. Vashchikov, Vest. Moskv. univ. Ser. 4-Geol. 23 no. 2 105-108 Mr.-Ap. '68.

Participation of Moscow University scientists in research on the program of the International Geophysical Year. V. G. Khudetskiy, Zhurnal Zemn. no. 3 245-248 '65.

Problem of the displacement of poles and the possibility of dating tectonic structures. K. F. Tlapkin, H. M. Sokolov, Dop. AN URSR, Ser. B 30 no. 2 438-441 Mr. '68.

Rhythmicity in the manifestation of volcanic activity. L. V. Nakhimov, Sov. geol. 11 no. 5 44-70 Mye '68.

Sovetskaya po geotermicheskim issledovaniyam v SSSR, 2d, Moscow, 1964. [Geothermal studies and utilization of the earth's heat. Transactions. Geotermicheskie issledovaniya i ispol'zovanie tepla Zemli. Trudy. Moskva, "Nauka," 1966, 430 p.

Sovetskaya po geotermicheskim issledovaniyam v SSSR, 2d, Moscow, 1964. [Regional geothermy and the distribution of thermal waters in the U.S.S.R. Transactions. Regional'naya geotermiya i rasprostraneniye termal'nykh vod v SSSR. Trudy. Moskva, "Nauka," 1967, 314 p.

Tlapkin, K. F. [Graphite methods of interpretation of gravity anomalies]. Graficheskiye metody interpretatsii gravitatsionnykh anomalii. Moskva, "Nedra," 1968, 228 p.

550.3(470)—European U. S. S. R.

Radiation balance in the Southern Urals, Western Kazakhstan, and Transalta Region. H. N. Pionikov, Trudy OmsKNI 69 no. 3 29-33 '67.

550.3(477.8)—Donetsk Basin

Geothermal conditions in the eastern part of the Donets-Donetsk Depression. V. V. Litvinov, I. N. Shevchenko, Sov. geol. 11 no. 5 141-145 Mye '68.

Useful minerals. Pskov, L.A., Petrova, Tatyana MINKHGP, Trudy geol., no. 7:68-90 '67.
The problem of the modernization of techniques used in the prospecting of heavy metals in the Volyn-Vologda covering area. Gerasimova, A.S.; Kozlov, I.P.; V.M. Buzdakov. Prikl.geol., no. 4:101-110 '66.
Seismicity. The question of collection records. Chukrov, A.I.; Rozlov, I.K.; Geofizika, no. 3:145-152 '68.
Features of geological and geographical conditions in the development of seismicity in the USSR. Anisimov, A.V.; Prikl.geol., no. 6:178-180 '67.
Processes of fluid convection for formation of a field. Deyanov, Tzvetay MINIKHGP, Izv. AN BULGARIA, no. 1:5-10 '68.
Geological structures in the background column enclosures at plutons in depth erosion. L.F. Lazovskaia. Prikl.geol., no. 5:143-150 '67.
Magnetotelluric field in a layer with slumped channels in a depression. G.G. Kosobokina. V.L. Ivanitskiy, Prikl.geol., no. 12:101-110 '66.
The use of underground gravimeters prospecting in the Krivoy Rog Donbas Ore Basin. U.G. Magomedova. Vop.ravved.geofiz., no. 7:111-115 '66.
Measurement of values with precision during the direct determination of the model of the measuring device. Azharova, R.; Vopr.vychisl.gidrofiz., no. 25:21-26 '69
Varying electrical permeability of rocks in boreholes. S.Ye. Akshel'dt; Prikl.geol., no. 11:180-181 '66.
Worked by the conversion of repeating short-distance graphs. J.D. Khoshnavaeva; Inzh.tekhn., no. 2:69-71 '66.
Synthesis. Physical aspects of synthesis. Shchegolev, N.N.; Vopr.vychisl.gidrofiz., no. 26:21-26 '69
Signal for the quantitative study of the history of the regional development of land uplifts based on data of seismic prospecting. L.I. Zhurbenko and others. Sov.geol., II no. 5:127-129 '66.
The theory of analyzing the probability of petroleum traps under embayments. V.I. Tereshkov, Devyanov, C.H.; Vopr.geol., no. 10 no. 11:109-112 '67.
Models for allowing terrain effect in geomagnetic prospecting. L.I. Derzhakova, K.E. Veselova, M.A. Zhelezna, Prikl.geol., no. 5:140-149 '67.
Records of X-ray radiometry after differential filters. E.B. Medvedev, I.I. Litmanovich. Vop.ravved.geofiz., no. 7:50-71 '68.
Modeling of the position of electric prospecting by direct current method electrolytic bath. L.A. Chernikhin. Prikl.geol., no. 26:27-30 '68.
Mineralization of the El'brus Mountains. V.N. Golov. Vop.ravved.geofiz., no. 7:150-153 '68.
Modernizing the control board of the DEIST apparatus. A.A. Bragin and others. Razved.geol., no. 25:105-113 '68.
Multichannel blanding device for controlled directional reflection of acoustic waves. H.A. Tarasova, H.C. Il'yashkin. Razved.geol., no. 25:201-22 '68.
New data on the velocity of elastic waves in crystalline rocks and its dependence on anisotropy. N.R. Borstom, M.Z. Mayil, Sov.geol., II no. 5:121-124 '66.
A new method for substantiating regular waves in seismic prospecting. S.A. Sakranidin. Prikl.geol., no. 5:135-141 '67.
Calculating full curves of frequency anomalies using the method of transition matrix. V.M. Davydov, Trudy MISKHP, no. 6:104-107 '67.
On lithomechanical gravimeter. V.I. Pavlenkov, S.T. Smirnov. Prikl.geol., no. 5:115-123 '68.
On the theory of the ASG automatic system filter. V.L. Pavlenov. Prikl.geol., no. 52:151-159 '68.
On the theory of transient phenomena in acousto amplifiers with high- and low-pass filters. M.K. Polushkov. Prikl.geol., no. 5:139-141 '68.
Calcium conditional detection of acoustic waves. S.V. Kulikov. Prikl.geol., no. 52:73-103 '68.
Possibilities and characteristics of using the method of induced polarization in mines. S.V. Badalhin. Vop.ravved.geofiz., no. 7:117-119 '68.
Possibility of determining copper in rocks and ores by their characteristic X-ray radiation using proportional counters. O.A. Palenichenyi and others. Vop.ravved.geofiz., no. 7:139-164 '68.
Possibility of the quick analysis of monometallic iron ore concentrates by the reflection of low-energy gamma rays. G.A. Palenichenyi, V.G. Shudov. Vop.ravved.geofiz., no. 7:151-155 '68.
Possibility of the use of rhytmite processing in Krivoi Rog Basins. O.A. Kvachlevskii, V.Y. Polyukhov, E.E. Timofeev. Vop.ravved.geofiz., no. 7:96-100 '68.
Practice in testing fields of radio antennas in geological mapping. V.A. Egorov. Vest.LGU, no. 6:75-84 '68.
Principle of current control for multielectrode logging systems. I. Maratskiy, A. Petrik, V. Innashova. Prikl.geol., no. 5:145-155 '68.
Problems of the theory and application of the focused nucleus wave method in seismic prospecting. H.C. Tarasov. Prikl.geol., no. 52:73-116 '68.
Precision methods in estimating thorium-uranium ratios for rocks by means of ARS aerogalvanometers. V.A. Titurin. Razved.geol., no. 28:56-70 '68.
Radioscopy in underground workings of Gronaya Shariga Iron ore deposits. V.M. Studnikov. Vop.ravved.geofiz., no. 7:77-80 '68.
Range of applicability of approximated curves for the interpretation of data of induction logging. N.N. Zel'tsov, Z.I. Kelvas. Prikl.geol., no. 50:182-188 '67.
Results of offshore tests of shipboard parameters of the type MG-SZ-VNI GeoElektra. P.A. Stroy, L.P. Smirnova, A.P. Logvin. Prikl.geol., no. 50:175-178 '67.
Scientific and technical conference on engineering support for construction. V.M. Belik, L.A. Vasilishov. Gidrotekh., 57 no. 1:57-58 '67.
Search for vertically elongated disturbing bodies by data of underground gravitymetry. A.A. Mitkev, N.A. Fedoseeva. Vop.ravved.geofiz., no. 7:105-112 '68.
Seismics prospecting in platform regions upon the presence or absence of replacement. L.A. Huberman, M.U. Begumet, L.A. Serdyuchinsk, Trudy MISKHGP, no. 5:181-187 '67.
Semantic prospecting operations for oil and gas in Armenia. L. Orlyanova. Pross Arme., 19 no. 1:10-61-65 '67.
Selecting optimum parameters of the conversion of seismographs. M.G. Berkunand. Prikl.geol., no. 52:119-127 '68.
Selection of an efficient quality of reading points in translation of gravity and magnetic coordinates. S.V. Gladyshev, S.A. Sechenov. Trudy MISKHGP, no. 58:115-118 '67.
Sandstone-like converter of logs. A.P. Ishtak and others. Razved.geol., no. 27:90-105 '68.
Stability of water in the arch of the system diastrophic tectonic - amplitude at 1400° Centigrade pressures. A.A. Kukla, N.I. Klimenko, E.D. Lebedev. Geodinamika, no. 5:675-579 '66.
Detection of glaucites in the presence of fatty acids. Experimental studies. G.P. Bondarenko. Geokhimika, no. 5:511-516 '66.
Some characteristics of left-hand branches of the curves of primary logging. H.S. Konoplev. Razved.geol., no. 25:11-47 '68.
Some characteristics of the engineering geology evaluation of metamorphic states for hydraulic constructions purposes. A.N. Zubarev, G.A. Panfilov. Gidrostroi., 7 no. 1:15-16 '66.
Some irregularities in the formation of structures of sedimentary strata. M.A. Aliev-Zadag. Razved.geol., no. 27:57-63 '68.
Some results of laboratory and offshore tests of the ASG indicated surface gradient generator. V.V. Bobrov and others. Prikl.geol., no. 52:131-159 '68.
Some results of using wave selection in reflection contrastivity method. V.A. Fendlerakh, Z.I. Kiriaz, M.S. Istek. Razved.geol., no. 27:12-16 '68.
Some theoretical and practical aspects of seismic prospecting involving the effects of inclined waves for logging. H.A. Tarasov. Prikl.geol., no. 5:117-119 '68.
Space distribution of the gravity potential derivatives for non-linear cylindrical coordinate body arbitrarily positioned in relation to a point. Z.G. Samsonova. K.E. Gavrilovskiy. Vop.ravved.geofiz., no. 7:116-122 '68.
Stratigraphy in the gamma-gamma method of density spectrometry. V.A. Alekseyev, G.A. Ivankovskiy. Vop.ravved.geofiz., no. 7:50-51 '68.
Statistical characterization of distortions of arrival times of reflected waves. V.S. Kloster. Razved.geol., no. 25:3-7 '68.
Statistical study of the depth of spreading of considerably magnetized rocks. L.G. Klashin. Prikl.geol., no. 52:120-133 '68.
Studying steep slopes of salt-dome structures by the acoustic method of tilted acid and lead wires. M.M. Kovalev. Prikl.geol., no. 52:49-60 '68.
Studying the accuracy of detonating-acoustic parameters in the optimum interpretation of a single travel-time curve. V.S. Kislov. Prikl.geol., no. 50:60-76 '67.
Subsurface geophysics in open deposits of the Soviet Union. O.K. Vladimirov, E.V. Timofeev. Vop.ravved.geofiz., no. 7:4-7 '68.
Sultanov, S.A., and N.M. Svikhmushin. [Using the methods of field geophysists for the study of oil-producing capacity of formations] Lap'sovanie molybd-promyshlennogo gorizonta dlia izucheniya neftegaznoi plavlovi. Pod red. V.N. Dakhuova. Moskva, "Nedra," 1967. 115 p.
Summarization of wave pulses in the case of the dispersion of velocity. M.H. Bayarori, L.J. Rapoport, S.A. Kalis. Trudy MISKHGP, no. 60:29-31 '67.
Technology of the summation of seismic films using the PF-S-2 summarizer. L.A. Serdyuchenka, A.E. Sokurov. Trudy MISKHGP, no. 62:62-67 '67.
Testing of an optical filter on metal holder. K.V. Glazkov, S.A. Sechenov. Trudy MISKHGP, no. 58:150-159 '67.
Theory of formation testing on a logging cable. V.A. Istekave, P.A. Brotskiy, L.G. Pereslona. Razved.geol., no. 25:99-104 '68.
Time of the differentiation of the primary matter of the earth's mantle and the origin of eclogites based on data of the isotopic composition of lead. H.M. Nyderow, I.A. Efimenko. Geodinnamika, no. 5:601-611 '66.
Transient phenomena in an amplifier having one section of a v-shaped high-pass filter and two sections of a z-shaped low-pass filter. M.K. Polushkov. Prikl.geol., no. 50:91-95 '67.
Transfer processes in a seismic amplifier with two-section z-shaped high- and low-pass filters. M.K. Polushkov. Prikl.geol., no. 52:3-7 '68.
Universal test chamber. A.T. Blinov, D.V. Lyalkskiy, A.G. Urzhova. Razved.geol., no. 28:71-73 '68.
Use of electronic computers in the interpretation of results of permagnetic surveys. O.M. Frolova, Zhurnal Zem., no. 3:171-182 '66.
Using high-pressure units in field geophysical work. S.K. Asplund, A.A. Mikhailov. Izvestiya geofiz., no. 23:95-98 '68.
Using planigraph as pattern in processing data on physical properties of rocks. Yu.V. Volkov and others. Prikl.geol., no. 5:101-111 '67.
Using spectral analysis for clarifying areas of hydrogeotechnical sounding. V.M. Daydayev, E.A. Solovieva, Trudy MISKHGP, no. 59:134-139 '67.
Using the ARS apparatus for recording spontaneous potentials curves. L.A. Huberman and others. Izv. AN BULGARIA, no. 25:21-26 '69.
Using ultrasonic waves varied in the method of radiospectrometry in medium ground conditions. G.O. Galst'man. Vop.ravved.geofiz., no. 7:165-170 '68.
Variable-angle recording of seismic vibrations. G.V. Novikova. Razved.geol., no. 27:25-31 '68.
Vertical time scale in seismic prospecting. S.D. Saenzhenko. Razved.geol., no. 27:39-43 '68.
Viscosity resistance of silver galvanometer inserts in well-sounding oscillograph. B.N. Frutsmantsev. Tekhniflor, no. 5:131-139 '68.
Working-out sample samples from the coal gas firing-planning sample recovery. H.Z. Feizi-Frigolian and others. Razved.geol., no. 25:109-112 '68.
Well thermograms. A.D. Ishakov, V.A. Sorokin. Razved.geol., no. 27:85-87 '68.
X-ray radiometry in U-G lagging of underground horizons in anthracite deposits. G.P. Levchenk, A.P. Ovcharov

- [illegible]

- Effect of electric stimulation on the sugar distribution in sartorial muscles of a frog. S. I. Vasilina, V. Sh. Seret'yakov. *Molbiol* 13 no. 2 364-370 Mr-Apr '68.
- Effect of iodine ions on electric properties of biomolecular plasipolymers. P. A. Pashkev, L. M. Tsifina. *Molbiol* 13 no. 2 350-352 Mr-Apr '68.
- Effect of oxygen on the ultraviolet inactivation of myosin. T. N. Kulebikova, N. V. Komskova, Kh. I. Elisev. *Molbiol* 13 no. 2 326-330 Mr-Apr '68.
- Effect of the direction of the condenser current on some parameters of muscle excitability under direct stimulation. M. V. Voznesenskiy. *Uch. zap. Leningrad. gos. univ.* 58:201-211 '67.
- Effect of the field of a permanent electromagnet on the feed flux of the carabid beetle. A. I. Likhachev. *Entom. obozr.* 46:275-280 '67.
- Effect of water and protein on nuclear gamma resonance spectra of iron sulfonate complexes. S. S. Nardunov, I. U. Sh. Guseinovskiy, L. M. Baklanov. *Molbiol* 13 no. 2 331-333 Mr-Apr '68.
- Electrical activity of neurons in the parietal lobe following tactile stimulation. L. N. Sokolov, V. P. Dubenko. *Zh. eksp. i klin. biol.* 18 no. 1113-1119 Apr '68.
- Electrostatic potentials of the primary terminals of the vagus nerve and the Hering-Breuer inhibitory reflex. Z. N. Sorokova, S. I. Frankel'son. *Uch. zap. Leningrad. gos. univ.* 65 no. 5:15-18 May '68.
- Engineering modeling of the Weber function in a trained dog. M. A. Vasilina, L. I. Shindler, N. A. Kukulin. *Probl. i kst. obrat.* no. 5 73-82 '67.
- Experimental testing of the equations of Goldman-Hodgkin on the electrochemical cell model containing electrolytes. A. A. Vremennov. *Molbiol* 13 no. 2 353-354 Mr-Apr '68.
- Exfoliating characteristics and impermeability of phospholipid membranes in the presence of tetrahydrofuran-benzothiazole. E. A. Likhman, A. V. Babakov. *Molbiol* 13 no. 2 362-365 Mr-Apr '68.
- Ion-type systems in the biomechanical analysis of sport techniques. H. A. Titshvili. *Teor. i prakt. fiz. kult.* 31 no. 4 14-17 Apr '68.
- Fluorescence method in studying pain deactivation and deactivation processes. S. V. Knyaz, I. D. Volynskiy. *Molbiol* 13 no. 2 333-334 Mr-Apr '68.
- Formation of neurofibrillary structures in the region of sections of nerve fibers in frogs. I. F. Prutikova, V. I. Porovagin, L. M. Chalkaladze. *Molbiol* 13 no. 2 377-379 Mr-Apr '68.
- Generalized changes in the bioelectric activity of the brain in the process of the formation of a conditioned reflex. N. U. Bolenkov, V. N. Sidorov. *Zh. exp. i klin. biol.* 18 no. 1142-1144 Apr '68.
- Hypertensile response and negative resistance on residual membranes. A. A. Zilberstein, L. A. Pionovskiy. *Molbiol* 13 no. 2 337-339 Mr-Apr '68.
- Impulse activity of neurons of the somatosensory cortex as an indication of trace phenomena. V. M. Stoyanov. *Zh. exp. i klin. biol.* 18 no. 1104-1112 Apr '68.
- Impulse activity of receptors in noise and radiation cooling. N. I. Zhukov. *Uch. zap. Petrozav. gos. univ.* 14 no. 6:107-105 '67.
- Intercellular algal reaction to noise in electro-physiological studies. F. A. Votkinskiy, V. A. Prilutnikov. *Molbiol* 13 no. 2 343-346 Mr-Apr '68.
- Interpretation of differential curves of infrared dichroism of axially oriented polyethylene. S. I. G. Vennikov. *Molbiol* 13 no. 2 320-322 Mr-Apr '68.
- Level of polarization of brain hemispheres in different states. M. Ki. Sirovichina. *Uch. zap. Petrozav. gos. univ.* 14 no. 6:82-104 '67.
- Localization of Na-22 in the vitreous of giant neurons of Tritonia diemedia Bergh. V. T. Anisov, G. A. Knyazev, L. G. Aglova. *Molbiol* 13 no. 2 330-339 Mr-Apr '68.
- Mathematical modeling of excitation processes. P. D. Galitskiy. *Molbiol* 13 no. 2 370-373 Mr-Apr '68.
- Mathematical study of oscillatory behavior in the continuous cultivation of microorganisms. N. D. Ierusalimskiy, M. V. Stepanova, O. S. Chlenovskiy. *Molbiol* 13 no. 2 313-319 Mr-Apr '68.
- Mechanisms regulating sodium distribution between muscle cells and medium. G. I. Rannenko, S. V. Arapovskiy, R. M. Abramovskiy. *Molbiol* 13 no. 2 347-349 Mr-Apr '68.
- Model concepts on the organization of synapses on neuron dendrites for remembering signals with different relationship between the impulses and the intervals. S. A. Aladzhelova, A. E. Shaban. *Molbiol* 13 no. 2 397-305 Mr-Apr '68.
- New data on the enzymatic activity of cytoplasmic membranes before and after ultrasonic action. E. F. Altova and others. *Molbiol* 13 no. 2 380-302 Mr-Apr '68.
- Participation of the product of reversible chlorophyll photooxidation in sensitization processes. I. N. Tikhonova, V. A. Mischchenko, I. I. Dilug. *Molbiol* 13 no. 2 329-331 Mr-Apr '68.
- Permeability of the membrane of crab axon for lithium ions as related to the membrane potential and the composition of external medium. I. I. Markava. *Molbiol* 13 no. 2 340-352 Mr-Apr '68.
- Physicochemical transformations of cytochrome c in the field of ultrasonic waves. F. I. Braginskaya, I. E. Rypnir, O. V. Gavkovskaya. *Molbiol* 13 no. 2 228-232 Mr-Apr '68.
- Principles of movements in the biomechanics of sports. D. D. Donokot. *Teor. i prakt. fiz. kult.* 31 no. 4 11-14 Apr '68.
- Regulation of sugar transport in muscle fibers. N. A. Vinogradova and others. *Molbiol* 13 no. 2 385-308 Mr-Apr '68.
- Relationships between temperature and resting potential of Nifela musculosa cells. V. I. Stepanov, L. G. Aglova. *Kauch. dnt. i. ya. shkol. i. biol. nauch. 10 no. 5 79-83 '68.*
- Role of cytoplasmic membranes in the motility of the cytoplasm of a plant cell. M. G. Tolubekov, S. V. Tagoeva. *Molbiol* 13 no. 2 382-303 Mr-Apr '68.
- Role of the nuclear membrane in intracellular transport of substances. V. M. Mikhushin. *Molbiol* 13 no. 2 373-378 Mr-Apr '68.
- Selectivity of relationships between potassium chloroplasts and deoxyribonucleic acid. I. U. Sh. Guseinovskiy and others. *Molbiol* 13 no. 2 320-322 Mr-Apr '68.
- Semiconductor properties of plant chloroplasts and chromatophores of photosynthesizing bacteria. I. I. Litvin, V. I. Z. Zinshvili. *Molbiol* 13 no. 2 341-345 Mr-Apr '68.
- Seminar "Nekotorye problemy biokhimi, primeneniye elektroniki v biologii i meditsine." [Seminar "Problems of biochemistry, applications of electronics in biology and medicine".] reports. Seminar "Nekotorye problemy biokhimi, primeneniye elektroniki v biologii i meditsine." [Izdatel'stvo]. Klov. Vyp. 3. 1967. 129 p.
- State of electric field formed by the bipolar neuron. N. F. Podgorniy. *Molbiol* 13 no. 2 282-289 Mr-Apr '68.
- Stability of the mathematical model of neuron net. A. Kh. Gelig. *Molbiol* 13 no. 2 290-296 Mr-Apr '68.
- Study of the nature of dominance potential in Mifella cells. Report No. 2. Effect of potassium on dominance potential in Mifella cells. V. K. Knyazev, I. A. Voznesenskiy, G. A. Kuchel. *Molbiol* 13 no. 2 335-336 Mr-Apr '68.
- Study of the reciprocal participation of muscles in movements of human upper extremities. A. Kh. Gelig and others. *Molbiol* 13 no. 2 300-321 Mr-Apr '68.
- Study of the relationship between ribonuclease and cytoplasmic and polymeric nucleic acid in a solution by gel filtration method on Sephadex. Theory of chromatography of reversible interacting substances. G. V. Samsonov, R. I. Ponomareva. *Molbiol* 13 no. 2 241-251 Mr-Apr '68.
- Studying the orientation of plant seeds in a permanent magnetic field prior to the start of their germination. M. A. Khvachelina and others. *Entom. obozr.* no. 4 61-66 '68.
- Subcellular synaptic effects on chromatolytic motoneurons. A. I. Guseinov, A. A. Grunov. *Molbiol* 13 no. 2 260-267 Mr-Apr '68.
- Synthesizing of guanine and the myorelaxant parantion en monomeric synapses. A. I. Ponomareva. *Uch. zap. Leningrad. gos. univ.* 65 no. 5:82-84 May '68.
- Thermodynamic substantiation of the equations of animal growth. A. I. Zorn, R. S. Zorn. *Molbiol* 13 no. 2 340-343 Mr-Apr '68.

577.39 Radiobiology

- Behavior of radiolabeled cerium (Ce144) in sheep of various ages. L. A. Balukov, N. I. Burov. *Radiobiologiya* 7 no. 6:861-865 N-D '67.
- Histography of foreign isotopes on the biological effect of radiation. *Radiobiologiya* 8 no. 2 329-333 Mr-Apr '68.
- Biological effect of intratracheal potassium-210 injection. I. G. Moskalov, G. K. Kurovov. *Radiobiologiya* 7 no. 6:866-869 N-D '67.
- Biological effect of radiation of different qualities. I. G. Moskalov, V. M. Malyukov, M. A. Lagun. *Radiobiologiya* 8 no. 2 326-328 Mr-Apr '68.
- Changes in the growth and flowering curves of many fruits subjected to X-ray irradiation. O. S. Zhukov. *Trudy TSU. 10:85-94 '67.*
- Changes in the metabolic activity of epithelial cells in laboratory animals following chronic gamma irradiation in small doses. S. A. Kotzov, R. V. Ivanov, G. A. Zaslavskaya. *Radiobiologiya* 7 no. 6:857-859 N-D '67.
- Characteristics of the early regeneration of the bone marrow in mice subjected to different forms of partial irradiation. K. A. Fozanova, E. N. Kabakov, N. N. Porostromskaya. *Radiobiologiya* 8 no. 2 262-267 Mr-Apr '68.
- Characteristics of the similarity and difference in the biochemical action of radiation and radioisotopic substances. I. V. Savitskiy and others. *Radiobiologiya* 7 no. 6:840-845 N-D '67.
- Content of free amino acids belonging to the cycle of tricarboxylic acids and their acetyl derivatives in subcellular fractions of the brain following X-ray irradiation. A. T. S. Pikelov, I. I. Dautchikov. *Vostok AN USSR. Ser. biol. nauch.* no. 4:50-63 '67.
- Correlation between the radio-sensitivity of mice of various lines and the sulphydryl group content in the hematopoietic tissue. Lo Suan Tu. *Radiobiologiya* 8 no. 2 216-218 Mr-Apr '68.
- Cytological changes in the epithelium of the small intestine mucosa of rats exposed to prolonged radionucleotide action. I. A. Zaslavskaya, E. I. Pavlitskaya. *Radiobiologiya* 8 no. 2 239-242 Mr-Apr '68.
- Determination of the action of inhibiting doses of gamma rays on the development of plants in the first period ontogenesis. L. G. Solovova. *Trudy VUA no. 44 210-222 '68.*
- Durnal fluctuations of radiosensitivity in mice. H. G. Darsenakova, S. S. Kuznetsova. *Radiobiologiya* 7 no. 6:847-852 N-D '67.
- Dose calculation for toxicities of small laboratory animals. N. A. Zaslavskaya, E. D. Pavlitskaya. *Radiobiologiya* 8 no. 2 316-317 Mr-Apr '68.
- Effect of gamma irradiation of seeds on the growth and physiological changes in tobacco plants. O. N. Toranov. *Trudy Inst. biol. AN Kazakh. SSR.* 26:67-104 '68.
- Effect of gamma radiation on corn grains and pea seeds. E. S. Vertovskiy, M. A. Skarova. *Radiobiologiya* 7 no. 6:828-831 N-D '67.
- Effect of gamma radiation on protein biosynthesis in isolated chloroplasts. K. D. Kolomoys and others. *Radiobiologiya* 8 no. 2 201-214 Mr-Apr '68.
- Effect of gamma radiation on soluble proteins in pea leaves. D. M. Grolitskiy, K. D. Kolomoys, G. E. Yevakova. *Radiobiologiya* 7 no. 6:816-821 N-D '67.
- Effect of hot particles on human cells. S. I. Tarasov and others. *Radiobiologiya* 8 no. 2 211-216 Mr-Apr '68.
- Effect of ionizing radiation on the amount of free amino acids in nuclei isolated from the thymus, the spleen, and the liver. L. P. Delavina. *Radiobiologiya* 8 no. 2 197-203 Mr-Apr '68.
- Effect of neurotrophic substances on the activity of anti-oxidizing radioprotective preparations. R. B. Strizhkov. *Radiobiologiya* 7 no. 6:830-843 N-D '67.
- Effect of preexposure to ultraviolet and X-ray irradiation of seeds on corn yield. V. I. Ostapenko, I. E. Tikhonov. *Trudy TSU. 10:93-100 '67.*
- Effect of radioprotectors on blood coagulation processes in guinea pigs with acute radiation sickness. O. M. Vorobiev. *Radiobiologiya* 5 no. 2:310-313 Mr-Apr '68.
- Effect of various C⁶⁰ gamma ray doses on the metabolism of C14 absorbed in the process of photosynthesis. A. P. Ibragimov, K. G. Maslina. *Radiobiologiya* 7 no. 6:822-825 N-D '67.
- Effect of X-ray irradiation on plagiocytosis of avian whole embryos myoblasts: an experimental study on larvae of Galleria mellonella. G. P. Deniskov, H. N. Gavrilov. *Radiobiologiya* 6 no. 2 301-305 Mr-Apr '68.
- Formation of inner doses in the skin damaged by beta and gamma rays. V. E. Zakharko. *Radiobiologiya* 8 no. 2 286-292 Mr-Apr '68.
- Formation of tissue doses from strontium-90 in the skeleton of mice as related to the nutrient output in the ration. A. A. Samoylov, L. I. Puchinskaya, A. N. Strizhkov. *Radiobiologiya* 7 no. 6:860-865 N-D '67.
- Functional composition of serum proteins long after the chronic ionizing irradiation. T. V. Fokina, V. G. Mikhalenko. *Radiobiologiya* 7 no. 6:846-849 N-D '67.
- Frequency of chromosomal aberrations in white rats subjected to ethane gamma-143 ionizing. I. I. Blikinov. *Radiobiologiya* 8 no. 2 308-310 Mr-Apr '68.
- Increase in DNA fragments with higher linear content following irradiation of pea seeds. V. I. Kozarskaya, P. A. Nefedov. *Radiobiologiya* 7 no. 6:834-839 N-D '67.
- Inhibition of irradiation in bacteriophage T-1 with the help of ultraviolet rays. I. I. Morozov. *Vostok AN USSR. Ser. biol. nauch.* no. 4:122-123 '67.
- Influence of nitrogen form on the manifestation of radiobiological effects after the treatment of seeds with heat shocks. G. V. Ponomareva, N. I. Barygin. *Radiobiologiya* 8 no. 2 291-302 Mr-Apr '68.
- Kinetics of sodium phenylphosphoric hydrolysis as affected by irradiated alkaline phosphatase as compared with nonirradiated alkaline phosphatase. P. B. Nikiforova. *Radiobiologiya* 8 no. 2 322-324 Mr-Apr '68.
- Large well-shaped acitilination detector. I. U. Koval'. *Radiobiologiya* 8 no. 2 327-328 Mr-Apr '68.
- Lipid phosphorus and lipid radiolabel content in tissue of irradiated rats. O. S. Arutunova and others. *Radiobiologiya* 8 no. 2 220-234 Mr-Apr '68.
- Morphological changes of the epithelium of the duodenum in rats subjected to internal irradiation with Co⁶⁰ radiophosphate. T. V. Ponomareva, I. R. Tokin. *Kauch. dnt. i. ya. shkol. i. biol. nauch.* 10 no. 5 71-78 '68.
- One anomalous phenomenon of radiobiological effect. T. S. M. Avakian, S. P. Syrovichina. *Dokl. Gossnau. Radiobiologiya* 7 no. 6:835-837 N-D '67.
- Partial radiation recovery of seeds. A. M. Kuzin, I. U. N. Rudova, V. G. Ladyskaya. *Radiobiologiya* 7 no. 6:809-810 N-D '67.
- Partial radiation compensation of the bone marrow from tolerant donors. I. N. Golovitskiy. *Radiobiologiya* 8 no. 2 205-214 Mr-Apr '68.
- Practical results of action (dosyupnaya) irradiation by using ionizing radiation. N. G. K. Guseinov and others. *Radiobiologiya* 8 no. 2 318-322 Mr-Apr '68.
- Quantitative characteristics of postirradiation recovery of yeast cells with different manifestation of radiation effect. I. U. G. Kaputashvili. *Radiobiologiya* 7 no. 6:813-815 N-D '67.
- Quantitative characteristics of the realization of potential injuries in irradiated yeast cells. I. U. G. Kaputashvili, R. M. Bliznik. *Radiobiologiya* 8 no. 2 170-181 Mr-Apr '68.
- Radiation and control of immune reactions: a conference from June 22-24, 1967 held in Paris. L. I. Charikov, G. I. Kuzhikova. *Radiobiologiya* 7 no. 6:843-847 N-D '67.
- Radiation inhibition of the synthesis of new RNA types in pea seed embryos. S. R. Umanskii, V. I. Tokarskaya. *Radiobiologiya* 8 no. 2 105-111 Mr-Apr '68.
- Radiosensitivity of corn and barley, subjected to chronic gamma irradiation, during different periods of their development. N. M. Berceva, N. V. Technikov. *Radiobiologiya* 7 no. 6:832-834 N-D '67.
- Radiosensitizing effect of lalogen substituted thymidine analogs. I. I. Pelevina and others. *Izv. AN USSR. Ser. biol.* no. 3:345-352 May-June '68.
- Isolation of the temperature of germination. L. I. Lobodova and others. *Radiobiologiya* 8 no. 2 293-298 Mr-Apr '68.
- Resistance of Nadeonella nigra to shortwave electromagnetic radiation. E. L. Ruban, S. P. Ilyak, Izv. AN USSR. Ser. biol. no. 3:402-407 May-June '68.
- Role of corticosteroids in realizing lympholytic effect of ionizing radiation. V. P. Fodorov, A. I. Pozdnyakov. *Radiobiologiya* 8 no. 2 306-307 Mr-Apr '68.
- Role of organic peroxides in initial radiation injury processes in animals. A. S. Popov. *Radiobiologiya* 7 no. 6:825-830 N-D '67.
- Role of time factor in irradiation of Inago insects As experimentum on granary woodlice. I. B. Bychkovskaya, K. K. Ochinskaya, R. P. Volynova. *Radiobiologiya* 8 no. 2 235-238 Mr-Apr '68.
- Significance of corticosteroid hormones in changes of the alanine aminotransferase activity in the brain of white rats irradiated with X rays and neutrons of intermediate energy. L. S. Chirkosova and others. *Radiobiologiya* 8 no. 2 206-210 Mr-Apr '68.
- Some characteristics of the neural activity of the optic region of the cerebral cortex in rabbits subjected to ionizing radiation in late embryonic. I. A. Kolomoys. *Radiobiologiya* 8 no. 2 247-252 Mr-Apr '68.
- State of perleat digestion in rats following partial irradiation in various forms. V. I. Damskii. *Radiobiologiya* 7 no. 6:860-871 N-D '67.

...the development of plants in the first period of ontogenesis. L. G. Soldatova. Trudy VIUA no. 4:210-222 '66.

Development of generative buds of white birch in Karelia. M. V. Chukhontina. Uch. zap. Petrov. gos. un. 3 no. 1:43-47 '60.

Dynamics and localization of nutrients and physiological active substances in the course of embryogenesis of cherry and sweet cherry hybrids. I. P. Spitsyn. Trudy TSGL 9:114-120 '67.

Dynamics of stored substances in flower buds of different cherry and plum varieties as to their winter hardiness. V. A. Gavrilova. Trudy TSGL 9:210-222 '67.

Effect of air temperature on the nature of fibrous flowering in Tambov. Prosvinn. S. N. Agarkova. Trudy TSGL 9:311-314 '67.

Effect of fertilizers on the root system of winter wheat and its productivity. G. S. Balyk. Trudy VIUA no. 4:141-153 '66.

Effect of gamma irradiation of seeds on the growth and physiological changes in tobacco plants. O. N. Turanov. Trudy Inst. bot. AN Kazakh. SSIL 26:97-101 '68.

Effect of growth promoting substances on nitrogen and phosphorus metabolism in cotton treated with nitrogen and phosphorus fertilizers. T. II. Hazanova. Izv. AN Turk. SSR. Ser. Biol. nauk. no. 1:36-41 '68.

Effect of mineral fertilizers on the development of wheat. A. A. Sapelkin. Mikroelem. v Sib. no. 3: 63-67 '67.

Effect of mineral nutrition on the accumulation of chlorophyll and carotenoid pigments in potato leaves. M. M. Bancharyk. A. V. Shtrikman. Vestn AN BSSR. Ser. Biol. nauk. no. 4:5-10 '67.

Effect of molybdenum, chromium and zinc on the accumulation of chlorophyll in grapevine leaves. O. G. Rus'ko. Ukr. bot. zhur. 25 no. 2:165-167 Mr. Ap '68.

Effect of nitrogen and phosphorus feeding conditions on the content of free amino acids and ammonia in grapevine sap in the spring growing period. A. I. Chaban. Trudy VIUA no. 4:134-41 '66.

Effect of nitrogen and phosphorus nutrition conditions on the physiological functions and productivity of tobacco. O. P. Chumina. V. B. Litvinova. N. V. Chelobova. Trudy Inst. bot. AN Kazakh. SSIL 26:49-55 '68.

Effect of ontogenetic changes in the enzymatic activity of leaves of different apple tree varieties on the resistance to scab. L. A. Ishchenko. Trudy TSGL 9:343-350 '67.

Effect of relationships of basic fertilizer elements on the metabolism and productivity of corn. O. T. Chumina. V. B. Litvinova. Trudy Inst. bot. AN Kazakh. SSIL 26: 26-35 '68.

Effect of root cutting on their physiological activity. E. A. Babakishvili. Trudy VIUA no. 4:101-104 '66.

Effect of the phosphorus-potassium fertilizer dose on the fixation of atmospheric nitrogen by peas. G. I. Lapukhina. Trudy VIUA, un. 44:97-99 '66.

Free amino acid accumulation in the mycelium of Aspergillus niger. N. N. Tishchenko. Vestn. IILU 23 no. 9:131-137 My '68.

Green plants as carbon collectors. V. A. Chisankov. S. V. Soldatenkov. A. M. Stepanova. Vestn. IILU 23 no. 8:73-76 My '68.

Growth rhythm in annual shoots of woody plants. M. P. Nironova. Uch. zap. Petrov. gos. un. 16 no. 1:24-26 '60.

Growth substances in dry seeds of alfalfa and tetraploid millet. L. A. Zhebrak. L. V. Rimkova. IU. K. Nikol'skii. Vestn AN BSSR. Ser. Biol. nauk. no. 4:109-111 '67.

Incorporation of ¹⁵N in amino acids and ammonia of corn seedlings. V. P. Nizhko. M. V. Pyshkova. Izv. AN URSR. Ser. B 30 no. 4:366-372 Ap '68.

Method of paper indicators. T. P. Ladonina. Trudy VIUA no. 4:206-203 '66.

Nitrogen metabolism in some woody plants. I. G. Gaidushkina. L. D. Muzalova. Uch. zap. Petrov. gos. un. 16 no. 1:40-51 '66.

Photochemical activity of chloroplasts following different content and relationships of pigments. N. A. Zolotareva. I. K. Ostrovskaya. Dup. AN URSR. Ser. B 30 no. 2: 171-175 P '68.

Photosynthesis, respiration, and the mineral nutrition of plants. I. Cunar. Zenitello 36 no. 8:2-8 Je '66.

Physiological activity of the roots of some cultures in the subsoil horizons of the soil. L. A. Babakishvili. Trudy VIUA no. 44:150-160 '66.

Physiological and biochemical characteristics of apple varieties as related to winter hardiness. V. K. Melnikov. K. V. Stankovich. V. A. Suzdal'tsova. Trudy TSGL 9:171-180 '67.

Physiological characteristics of beet varieties in the southern zone of Kazakhstan (Alma-Ata Province). K. T. Vershinina. Trudy Inst. bot. AN Kazakh. SSIL 26:75-86 '68.

Physiological studies on the frost resistance in apple trees and some walnut forms with elaboration of winter hardiness diagnostic methods. V. F. Donsaov. P. N. Donsaov. Trudy TSGL 9:227-236 '67.

Possibility of using light methods of assaying vegetation samples during biogeochemical studies. A. I. Kovalovskii. O. M. Kovalovskaya. Mikroelem. v Sib. no. 5:112-122 '67.

Postirradiation recovery of seeds. A. M. Kuzin. IU. N. Kuzova. V. G. Lodygina. Radiobiologiya 7 no. 6:909-919 N-D '67.

Problems of physiology, sexualization, fruiting and hybridization of fruit plants and some biophysical methods of controlling those processes. V. I. Ostapenko. Trudy TSGL 9:261-261 '67.

Relationship between the degree of high bog drainage and seasonal changes in nutritive substances of Scotch pine shoots. N. V. Lutadeva. Uch. zap. Petrov. gos. un. 16 no. 1:27-31 '66.

Relationship between the germination of cherry and cherry-sweet hybrids seeds and weather conditions. I. P. Spitsyn. Trudy TSGL 9:138-141 '67.

Relationship between the photosynthesis of phytoplankton and its biomass and chlorophyll content. L. I. Pyrina. Trudy Inst. bot. univ. vol. no. 15:143-163 '67.

Response to nitrogen-phosphorus fertilizers at various stages of rice development. L. G. Dobrunov. G. P. Genterov. R. M. Tsvetkova. Trudy Inst. bot. AN Kazakh. SSIL 26:36-38 '66.

Rooting period in fruit seeds. I. A. S. Nesterov. Trudy TSGL 9:168-171 '67.

Role of pollen number in inbreeding characters. I. A. S. Alenashvili. Z. A. Zolotareva. Vest. IILU 23 no. 9:151-157 My '68.

Role of root microflora in plant assimilation of photosynthetic products. I. T. Geller. Trudy VIUA no. 4: 205-215 '66.

Role of sodium in lupine nutrition. I. G. Strelkov. N. N. Andreeva. N. I. Kryazheva. Shor. nach. tr. Bol. Nauch. Inst. zem. 11:136-151 '67.

Rules of root-mass growth in annual and perennial cultures. E. I. Alieva. Trudy VIUA no. 4:151-158 '65.

Seasonal and age-related dynamics of pigment content in plastids of pine needles. A. M. Olykainen. Uch. zap. Petrov. gos. un. 16 no. 1:36-42 '68.

Some characteristics of nitrogen metabolism in apple trees following incompatibility of stock and scion. Trudy TSGL 9:180-187 '67.

Some results of studying the selectivity of fertilization in fruit and berry plants. V. I. Ostapenko. Trudy TSGL 9:277-281 '67.

Structural characteristics of the root system in some ornamental species. O. G. Furst. Biol. Glav. bot. sada. no. 67:71-83 '67.

Study of the accumulation of atmospheric nitrogen by leguminous plants. R. M. Logunov. Trudy VIUA no. 44:100-108 '66.

Sugar and starch dynamics in the annual cycle of pine and spruce development. L. D. Kuzalova. I. G. Gaidushkina. Uch. zap. Petrov. gos. un. 16 no. 1:32-35 '66.

Sugar dynamics in the annual cycle of the development of apple seedlings grown from various buds. T. K. Popel'skaya. Trudy TSGL 9:187-194 '67.

Synthetic population of tetraploid rice. V. S. Fedorov. V. B. Smirnov. Vest. IILU 23 no. 9:46-56 My '68.

Tungsten content in plants. M. N. Serlov. Mikroelem. v Sib. no. 5:55-57 '67.

Utilization of photoperiodic effects in studying current and future phenophases based on cutting of their cuttings. I. S. Kuzin. Trudy TSGL 9:213-216 '67.

Vitamin B₁₂ and dehydrogenase activity of lupine nodules in the process of molecular nitrogen fixation. A. V. Mamonov. N. I. Litvinova. Dup. AN URSR. Ser. B 30 no. 4:368-369 Ap '68.

Water balance in apple trees affected by physiological stock-scion incompatibility. V. G. Leonchenko. Trudy TSGL 9:194-202 '67.

Ways of increasing the efficiency of mineral fertilizers. I. G. Dobrunov. Trudy Inst. bot. AN Kazakh. SSIL 26:3-12 '68.

581. 1(471. 326)—Tambov Province

Characteristics of the formation of cherry fruit buds as related to their winter hardiness in the Michurinsk region. V. A. Gavrilova. Trudy TSGL 9:207-213 '67.

581. 1(471. 61)—Rostov Province

Significance of nitrogen for winter wheat in cis-Caucasian calcareous Chernozems. A. A. Gritchenko. Trudy VIUA no. 44:100-121 '66.

581. 1(471. 03)—Stavropol Territory

Effect of the dose and proportion of the basic elements in mineral fertilizers on the harvest and quality of Bezostato-1 winter wheat under irrigation in Stavropol Territory. V. F. Smirnov. Trudy VIUA no. 44:136-140 '66.

581. 1(474. 6)—Lithuanian S. S. R.

Effect of molybdenum and cobalt on the larval and sugar level of sugar beet roots. A. IU. Skripitene. Trudy VIUA no. 44:101-107 '66.

Effect of molybdenum and cobalt on the pea crop as related in the Lithuanian S. S. R. A. IU. Skripitene. Trudy VIUA no. 44:100-204 '66.

581. 1(571. 54)—Byrral A. S. S. R.

Some peculiarities of the biogeochemistry of fluorine in soils and plants. A. L. Kovalevskii. Mikroelem. v Sib. no. 5:27-31 '67.

581.2 Plant diseases, injuries, malformations, pests

Effect of rust infection on the content of pigments in heart plant leaves. L. N. Rostakals. Vestn AN BSSR. Ser. Biol. nauk. no. 4:110-119 '67.

581.3 Embryology

Cytological and cytochemical study of the development of female gametophyte in vivo of various ploid forms. I. A. Makhanova. Ukr. bot. zhur. 25 no. 2:49-50 Mr. Ap '68.

Development of the embryo sac in Allium cepa L. I. D. Sokolov. Izv. AN Turk. SSR. Ser. Biol. nauk. no. 1: 67-89 '68.

Dynamics and localization of nutrients and physiological active substances in the course of embryogenesis of cherry and sweet cherry hybrids. I. P. Spitsyn. Trudy TSGL 9:114-120 '67.

Embryo and pericarp formation in cherry and plum. I. S. Chernykh. Trudy TSGL 9:141-157 '67.

Embryogenesis and young fruit shedding in cherry and cherry-sweet hybrids. E. N. Kharitonenova. I. P. Spitsyn. Trudy TSGL 9:131-134 '67.

Embryogenesis in the genus Trifolium L. as related to the problems of monocotyledonous nature and remote hybridization in Gramineae. T. B. Balygina. Biol. zhur. 53 no. 4:488-493 Ap '68.

Formation of archesporia and the origin of integument in Heliotia. E. I. Savich. Biol. zhur. 53 no. 4:514-523 Ap '68.

In vitro pollination and fertilization in hybridizing Polunahybrids hort. Nicotiana glauca R. Grub. M. M. Azimova. Biol. Glav. bot. sada. no. 67:218-31 '67.

Micro- and macrosporangogenesis characteristics in Cereus borealis x Amygdalus communis hybrid. N. P. Chuvashina. V. I. Ostapenko. S. I. Gorbunov. Trudy TSGL 9:134-138 '67.

Maturation inhibition of the apical cells of new RNA types in pea seed embryos. S. R. Uspenskiy. V. I. Tokarskaya. Radiobiologiya 8 no. 2:165-169 Mr. Ap '68.

Results of the study of embryogenesis of cherry and cherry-sweet cherry hybrids. I. P. Spitsyn. Trudy TSGL 9:157-159 '67.

Some anomalies in the embryogeny of apple trees (Malus domestica Borkh.). A. A. Radionenko. Ukr. bot. zhur. 25 no. 2:70-78 Mr. Ap '68.

Sporogenesis of some Doronicum L. species. V. V. Svolozarova. Biol. Glav. bot. sada. no. 67:36-43 '67.

Study of embryonic processes in crossing heterochromosomal species of cotton (Gossypium barbadense L., Gossypium hirsutum L.). N. S. Dolgova. Izv. AN Turk. SSR. Ser. Biol. nauk. no. 1:3-9 '68.

Transformation of the tapetum in some hybrid fruit cultures with male sterility. N. P. Chuvashina. Trudy TSGL 9:125-130 '67.

Use of artificial embryo culture in remote plum hybridization. G. N. Kirsakov. Trudy TSGL 9:120-124 '67.

581.3(20)—Oceans, Seas

Relationship between trophic groupings of deep-sea macrobenthos and the composition in bottom sediments. M. N. Sokolova. Okeanologiya 8 no. 2:179-191 Mr. Ap '68.

581.4 Morphology

Anatomical root structure in various graminaceous plant groups. L. D. Nikol'sevskaya. V. G. Nikol'skii. Nauch. dokl. vuz. dokl. bot. nauk II no. 5:93-98 '68.

Characteristics of the anatomical structure of some psammophytes in sandy soils of the lower Dniester Valley. L. D. Nikol'sevskaya. Ukr. bot. zhur. 25 no. 2: 91-98 Mr. Ap '68.

Characteristics of the morphogenesis of Alnus viridis DC under experimental conditions. V. I. Chapyk. Ukr. bot. zhur. 25 no. 2:17-24 Mr. Ap '68.

Fruit structure and taxonomic position of the For. Kastorn species of Ligusticum purpurascens Kom. M. G. Pimenov. V. N. Tikhomirov. Nauch. dokl. vuz. dokl. bot. nauk II no. 6:97-104 '68.

Morphogenesis of the root system of Fraxinus excelsior L. growing in a humus-alcaline soil. L. B. Zavgol'nova. Nauch. dokl. vuz. dokl. bot. nauk II no. 5:84-82 '68.

Morphological variability of oegonia in Saprolegnia ferax (Croul.) Thurel. A. A. Florinskaya. Mik. I. Ispat 2 no. 2:151-157 '68.

Nature of the variability of characters of Polygonum acutum Moench. in flax fields of different density. V. I. Ostrov. Ukr. bot. zhur. 25 no. 2:25-31 Mr. Ap '68.

Prokof'ev, A. A. [Formation of seeds as storage organs. Reported at the 27th Annual Timiriazov Lecture on June 3, 1968] Formirovaniye sem'ian kak organov zapasa. Dolozheno na dvadtsati sed'mom ezhegodnom Timiriazovskom chlenii 3 iunya 1968 g. Moskva, "Nauka", 1968. 52 p. (Timiriazovskie chleniya. 27).

Some morphological and biological characteristics of climbing honey-suckle species. N. V. Sirova. Biol. Glav. bot. sada. no. 87:14-19 '67.

581.4(575. 4)—Turkmen S. S. R.

Morphological characteristics of some shrub shoots in Kopekdag. A. S. Malshechko. Izv. AN Turk. SSR. Ser. Biol. nauk. no. 1:31-37 '68.

581.5 Ecology

Comparison of oxygen and carbon dioxide in the atmosphere and in the soil of a forest in the vicinity of a power plant. V. I. Belykh. *Trudy Bot. zap.* 25 no. 2:31-38 Apr '68.

Investigation of the effect of some of the plants on the soil. V. I. Belykh. *Trudy Bot. zap.* 25 no. 2:39-44 Apr '68.

Higher vegetation in lakes of the upper Volga basin. A. P. Ivanova. *Trudy Inst. bot. zap.* 25 no. 2:45-48 Apr '68.

Interference relationships and their effect in mixed stands of coniferous and deciduous trees. A. I. Lappo, B. S. Zolotarev, K. M. Moroz. *Trudy Inst. bot. zap.* 25 no. 2:49-54 Apr '68.

On the types of ground vegetation. E. M. Braks. *Trudy Inst. bot. zap.* 25 no. 2:55-60 Apr '68.

More on ground vegetation in plant communities. E. M. Braks. *Trudy Inst. bot. zap.* 25 no. 2:61-66 Apr '68.

Population phytoecological data of *Quercus robur* L. and *Q. pedunculata* Mill. ranges. I. R. Stokhan-Syachenko. *Trudy Inst. bot. zap.* 25 no. 2:67-72 Apr '68.

Productivity of earth vegetation, general characteristics of its distribution and relation to climatic factors. E. I. Baidarova, A. A. Baidarova, I. E. Rudin. *Trudy Inst. bot. zap.* 25 no. 2:73-78 Apr '68.

Relationships between photosynthetic rate of phytoplankton and organic matter production in reservoirs. V. I. Khamatova. *Trudy Inst. bot. zap.* 25 no. 2:79-84 Apr '68.

Relationships between the photosynthesis of phytoplankton and the biomass and chlorophyll content. L. E. Pyrina. *Trudy Inst. bot. zap.* 25 no. 2:85-90 Apr '68.

Study of the photosynthetic reaction in various coniferous forests. B. B. Turekova. *Trudy Inst. bot. zap.* 25 no. 2:91-96 Apr '68.

Use of perforated cards in analyzing plant communities in forest steppe oak stands. I. E. N. Nishchayev. *Trudy Inst. bot. zap.* 25 no. 2:97-102 Apr '68.

581.5 (26)—Oceans, Seas

Association of species as applied to plankton. V. V. Klyuk. *Okeanologiya* 5 no. 2:31-38 Apr '68.

581.5 (437)—Czechoslovakia

Dynamics of littoral vegetation in Korycan Reservoir. Z. Sedla. *Trudy Inst. bot. zap.* 25 no. 2:103-108 Apr '68.

581.5 (471.11)—Archangel Province

Exploration of the region of forest island in the vicinity of the Morya River in the Pechora-Engel'skaya Tundra. A. I. Tolmachev, S. A. Tikhonova. *Trudy Inst. bot. zap.* 25 no. 2:109-114 Apr '68.

581.5 (471.12)—Volgograd Province

Phytoplankton of the Steklov Reservoir of Rybinsk Reservoir in 1963-1965. G. V. Kuzmina, V. A. Elizaveta. *Trudy Inst. bot. zap.* 25 no. 2:115-120 Apr '68.

581.5 (471.21)—Murmansk Province

Copper content in wild plants of Murmansk Province. P. I. B. Marin, N. N. Kolesnikov, M. F. Lialina. *Trudy Inst. bot. zap.* 25 no. 2:121-126 Apr '68.

581.5 (471.310)—Moscow City

Developmental rhythm of Siberian oilseed species in Moscow. O. V. Dvornik. *Trudy Inst. bot. zap.* 25 no. 2:127-132 Apr '68.

581.5 (471.9)—Crimea

Aspects of the vegetation of Crimean mountain pastures. V. M. Il'yutov. *Trudy Inst. bot. zap.* 25 no. 2:133-138 Apr '68.

581.5 (478)—Moldavia S. S. R.

Distribution of forest associations in central Moldavia. T. S. Gaidarova, A. I. Valusheva, G. P. Simonov. *Trudy Inst. bot. zap.* 25 no. 2:139-144 Apr '68.

581.5 (571.54)—Buryat A. S. S. R.

Relationship between the forest and the steppe in mountain regions of southwestern Transbaikalia. P. I. Vipper. *Trudy Inst. bot. zap.* 25 no. 2:145-150 Apr '68.

581.5 (575.4)—Turkmen S. S. R.

Quantitative relationships of predominant species in the steppe vegetation of the Greater Balkhan Range. G. M. Prizhukovskaya. *Trudy Inst. bot. zap.* 25 no. 2:151-156 Apr '68.

581.6 Economic or applied botany

Molchanov, A. A., and V. V. Smirnov. [Methodology of studying the increment of woody plants] *Metodika izucheniya prirodoispytaniya rasteniy*. Moskva, "Nauka," 1967. 95 p.

581.8 Plant histology

Cytological studies and polyploidy in fruit plants. O. S. Zinchenko. *Trudy TSGU* 9:111-114 '67.

581.9 Phylogeography

Modern problems of plant geography. A. I. Tolmachev. *Vest. LGU* 23 no. 9:24-29 May '68.

New loci of the origin and genetic centers of cultivated plants and specifically endemic microcentra of related species. P. M. Zhukovskii. *Trudy Inst. bot. zap.* 25 no. 2:157-162 Apr '68.

Variability of biological characters of *Urtica dioica* L. in relation to geographical cultivation zones. P. I. Golitskiy, L. L. Zelenin. *Trudy Inst. bot. zap.* 25 no. 2:163-167 Apr '68.

581.9 (471.52)—Central Black Earth Region

History of the creation of geographical English oak culture in the Central Chernozem Reserve. A. M. Shteyn, Trudy Tsent. Chern. res. zap. no. 10:50-52 '67.

581.9 (571)—Asiatic R. S. F. S. R.

Rare and new plants in the Amur Valley. V. S. Shag, N. I. Shag. *Trudy Inst. bot. zap.* 25 no. 2:168-172 Apr '68.

Scarcity distribution ranges of some trees and shrubs in the southern West Siberian Plain. M. A. Vasilukhina. *Vest. LGU* 24 no. 4:101-105 May '68.

582 Plant taxonomy

Taxonomy and N. I. Vavilov's law of homologous series. A. A. Fedorov. *Trudy Inst. bot. zap.* 25 no. 2:173-178 Apr '68.

Utilization of N. I. Vavilov's law of homologous series in the taxonomy of the genus *Calligonum* L. I. U. S. S. R. *Trudy Inst. bot. zap.* 25 no. 2:179-184 Apr '68.

582 (265)—Pacific Ocean

Species of the vertical distribution of algae in Penzance Bay (Kamchatka Sea). I. E. Kizova. *Okeanologiya* 5 no. 2:37-42 Apr '68.

582.2 Spore plants

Adaptation of *Isotriaeta solani* Poehl. to fungicides. Report No. 2. Adaptation to penicillin and streptomycin. I. U. S. S. R. *Trudy Inst. bot. zap.* 25 no. 2:185-190 Apr '68.

Antagonistic activity of the mycelium of the cultivated mushroom *Agaricus bisporus* (L.) Lange Sing. L. V. Garibova. *Trudy Inst. bot. zap.* 25 no. 2:191-196 Apr '68.

Cattle poisoning by fungus infection between species. I. A. Kurnikova. *Veterinariya* 45 no. 9:56-57 Apr '68.

Characteristics of regressive changes in annual flowers of feeding plants. T. V. Vlaschenko. *Trudy Inst. bot. zap.* 25 no. 2:197-202 Apr '68.

Chemical preservation of chlorophyll. M. A. Sol'nikova. *Uch. zap. KVI* 69:342-345 '67.

Comparative physiological study of *Parietaria identitellum* (Wallr.) Eckl. and the satellite *Cladophorium* sp. I. A. Ischerko, M. V. Corfeko. *Trudy Inst. bot. zap.* 25 no. 2:203-208 Apr '68.

Content and state of nucleic acids in *Parietaria identitellum*. As related to the NaCl concentration. P. O. Mushak. *Trudy Inst. bot. zap.* 25 no. 2:209-214 Apr '68.

Cytospora shekizori Secc. et Syd. in the R. S. S. R. M. N. Gritskova. *Trudy Inst. bot. zap.* 25 no. 2:215-220 Apr '68.

Ingenibility of chlorophyll by rabbits. M. A. Sol'nikova. *Uch. zap. KVI* 69:346-347 '67.

Effect of aphidiosis on the dynamics of anther formation. Kh. L. Galikova, O. R. Raipov, H. A. Nigmatova. *Trudy Inst. bot. zap.* 25 no. 2:221-226 Apr '68.

Effect of the sterility of the medium on the speed of the multiplication of foreign yeast fungi during a prolonged process of Baker's yeast growing. I. A. Pivovak, N. M. Semakova. *Trudy TSNIIKH* no. 6:85-93 '65.

Factors that affect the clarification of malt during the requirements of continuous baker's yeast growing. E. A. Pivovak, L. P. Astakhova. *Trudy TSNIIKH* no. 6:94-98 '65.

Low ash content and its processing methods during production of yeast. E. A. Pivovak, O. A. Bakushinskaya. *Trudy TSNIIKH* no. 6:99-105 '65.

Mass cultivation of eukaryotic fungi *Neurospora bassiana* Vuill. under nonsterile conditions. A. A. Evlekhova, D. M. Patkin, L. O. Tarasov. *Trudy Inst. bot. zap.* 25 no. 2:231-236 Apr '68.

Methods of collecting and studying freshwater lichens. G. R. W. Arnold. *Trudy Inst. bot. zap.* 25 no. 2:237-242 Apr '68.

Morphological variability of oogenesis in *Saprolegnia ferax* (Cuth.) Thuret. A. A. Voronkova. *Trudy Inst. bot. zap.* 25 no. 2:243-248 Apr '68.

New fungus diseases of acid crops in the Soviet Union. P. S. Nelen. *Trudy Inst. bot. zap.* 25 no. 2:249-254 Apr '68.

New ascomycetes of the order *Hyphomycetozoa* (Moulinia). I. O. Budka. *Trudy Inst. bot. zap.* 25 no. 2:255-260 Apr '68.

Race composition of *Cladophorium luteum* Che. in some districts of the Soviet Union. L. M. Levkina. *Nauch. dokl. vuz. biol. nauk* 11 no. 5:128-133 '68.

Significance and utilization methods of lower autotrophic organisms. V. V. Pivovak and others. *Vest. LGU* 23 no. 9:14-21 May '68.

Some new data on the morphology, physiology and histochemistry of the genus *Cladophorium* Lk. ex Fr. L. M. Levkina. *Trudy Inst. bot. zap.* 25 no. 2:261-266 Apr '68.

582 (471.23)—Leningrad Province

First discovery of *Phytophthora blight* (Kl. et Desm.) in Leningrad Province. V. I. Potelchuk, N. N. Pashchenko. *Trudy Inst. bot. zap.* 25 no. 2:267-272 Apr '68.

New species of the genus *Poronopsis* from Leningrad Province. N. P. Sigalova. *Trudy Inst. bot. zap.* 25 no. 2:273-278 Apr '68.

582 (471.311)—Moscow Province

Apple scab caused by *Venturia Inaequalis* (Ck.) Wint. in Moscow Province. Z. K. Klucharova. *Trudy Inst. bot. zap.* 25 no. 2:279-284 Apr '68.

582 (477)—Ukrainian S. S. R.

Growing of chlorophyll on the waste of the Lvov Yeast Factory. Z. I. Anan and others. *Khar. prom.* 9 no. 1:43-45 Jan '68.

582.2 (470.24)—Azerbaijan S. S. R.

Causes of epiphytiosis of *Peronospora tabacina* in the Azerbaijan S. S. R. G. H. Baghirova. *Nauch. dokl. vuz. biol. nauk* 11 no. 2:121-124 '68.

[Spore plants] *Sporovye rasteniya*. Baku, Izd. AN AzSSR, 1967. 187 p.

582.2 (470.25)—Armenian S. S. R.

Species of *Agrostis* and their fruiting time in Khachatur region (Armenian S. S. R.). P. H. G. G. Khachatryan. *Trudy Inst. bot. zap.* 25 no. 2:285-290 Apr '68.

582.2 (675.4)—Turkmen S. S. R.

Distribution of *Parasium* species in arable lands of Murgab Oblast and Azerbaijan with cotton. Z. E. Z. S. Chahova, T. P. Kuznetsova. *Izv. AN Turk. SSR, biol. nauk* 11 no. 1:10-17 '68.

582.4 Seed plants

Anatomical root structure in various grasses (Cyperaceae). I. D. Nikol'skaya, V. G. Nikol'skaya. *Nauch. dokl. vuz. biol. nauk* 11 no. 5:134-139 '68.

Cornellia variety groupings based on the biomass and flowering rate. N. M. Zhukovskaya. *Trudy Inst. bot. zap.* 25 no. 2:291-296 Apr '68.

Characteristics of the morphogenesis of *Alnus* sp. DC under experimental conditions. V. I. Goryunov. *Trudy Inst. bot. zap.* 25 no. 2:297-302 Apr '68.

Dynamics of the accumulation of sugar, protein and cellulose in barley leaves during the summer autumn season. G. M. Talyshchuk, M. G. Isayev. *Trudy AN Azerb. SSR* 23 no. 10:16-19 '67.

Formation of arthropods and the origin of leaves. V. D. Chetov. *Trudy Inst. bot. zap.* 25 no. 2:303-308 Apr '68.

Nature of the variability of characters of *Polypodium vulgare* L. in the flora of different districts. V. D. Chetov. *Trudy Inst. bot. zap.* 25 no. 2:309-314 Apr '68.

Unravelling deeply *Stephanandra* leaves (Phlegm. 12) and its growing with green cutting. R. A. Andre. *Trudy Inst. bot. zap.* 25 no. 2:315-320 Apr '68.

Relationship between the degree of high legumes and annual change in nutritive substances of plant organs. N. V. Likhacheva. *Trudy Inst. bot. zap.* 25 no. 2:321-326 Apr '68.

Seasonal and age-related dynamics of pigment content in plants of pine needles. A. M. Olykhalov. *Trudy Inst. bot. zap.* 25 no. 2:327-332 Apr '68.

Show of wild plants, natural resources. V. N. Potelchuk. *Trudy Inst. bot. zap.* 25 no. 2:333-338 Apr '68.

Utilization of N. I. Vavilov's law of homologous series in the taxonomy of the genus *Calligonum* L. I. U. S. S. R. *Trudy Inst. bot. zap.* 25 no. 2:339-344 Apr '68.

582.4 (471.22)—Georgian S. S. R.

Molecular characteristics of some grasses (Cyperaceae) in Karabul. P. V. Krut'ukhin. *Trudy Inst. bot. zap.* 25 no. 2:345-350 Apr '68.

Molecular characteristics of some grasses (Cyperaceae) in the Botanical Garden of the Petropavlovsk State University. L. V. Krut'ukhin. *Trudy Inst. bot. zap.* 25 no. 2:351-356 Apr '68.

Molecular characteristics of the raspberry in the Botanical Garden of the Petropavlovsk State University. P. V. Krut'ukhin. *Trudy Inst. bot. zap.* 25 no. 2:357-362 Apr '68.

Development of generative buds of white birch in Karabul. M. V. Chikhonina. *Trudy Inst. bot. zap.* 25 no. 2:363-368 Apr '68.

582.4 (477)—Ukrainian S. S. R.

Characteristics of the anatomical structure of some pinnatifid leaves in sandy soils of the lower Dnieper Valley. I. D. Nikol'skaya. *Trudy Inst. bot. zap.* 25 no. 2:369-374 Apr '68.

582.4 (470.22)—Georgian S. S. R.

Study of Japanese lily hybrid varieties in the Sakrebulo Botanical Garden. T. A. Chichina. *Trudy SSSR* 10 no. 10:97-105 '67.

582.4 (470.224)—Abkhaz A. S. S. R.

Some data on the biological study of lilies in Abkhaz. I. U. Chikharidze. *Trudy Inst. bot. zap.* 25 no. 2:375-380 Apr '68.

582.4 (571.04)—Buryat A. S. S. R.

Seed production of *Pinus silvestris* in the vicinity of Sannovka Bay of Lake Baikal. V. N. Motolokov. *Trudy Inst. bot. zap.* 25 no. 2:381-386 Apr '68.

582.4 (571.03)—Maritime Territory

Fruit structure and taxonomic position of the variety *Ligustrum purpureum* Kom. M. Pimenov, V. N. Tikhomirov. *Nauch. dokl. vuz. biol. nauk* 11 no. 5:137-142 '68.

582.4 (575.4)—Turkmen S. S. R.

Amaranthus hybrid, a new plant in Turkmenia. L. Kazakov, A. A. Moschiorakov. *Izv. AN Turk. SSR, biol. nauk* 11 no. 1:100-101 '68.

New data on the geographical distribution of *Erythraea baidys* (Korsh.) Lipky in Turkmenia. B. B. B. B. P. Qudkova. *Izv. AN Turk. SSR, biol. nauk* 11 no. 1:102-103 '68.

591.4 (Continued)

- Changes in the properties of nerves after ligation and resection of the abdominal artery. M. A. Sedukhin, *Dokl. AN USSR Ser. B* 30 no. 2:163-165 F '69.
- Development of cutaneous nerve apparatus in chickens. N. A. Golikova, V. S. Kurashina, *Izv. zap. KVI* 98:97-101 '67.
- Distribution of mucopolysaccharides and lipids in the ovaries of rabbits. N. A. Pavlovskaya, V. A. Astashev, *Izv. zap. KVI* 93:92-96 '67.
- Double loops and its innervation in Mytilus-mytilus. M. F. Koptan, *Dokl. AN USSR Ser. B* 30 no. 3:437-453 My '68.
- Electrical diaphragm activity in some kinds of animals. I. P. Gavanina, *Izv. zap. KVI* 98:108-113 '67.
- Innervation of the trachea in some animals. E. N. Tolpygina, N. M. Mirasov, *Izv. zap. KVI* 95:75-80 '67.
- Micromorphology of cardiac nerves in some domestic mammals. G. A. Blagoderzhik, *Izv. zap. KVI* 98:41-45 '67.
- Micromorphology of gastric nerves in domestic ruminants. R. A. Shukhina, *Izv. zap. KVI* 98:57-74 '67.
- Morphological changes of the epithelium of the duodenum in rats subjected to internal irradiation with ⁶⁰Co γ -radiation. T. V. Ponomareva, I. B. Tokina, *Russk. vyz. el'stoly. biol. nauk* 11 no. 5:71-76 '68.
- Morphological characteristics of the evolution of the lumen in vertebrates. M. F. Nikraevsk, *Vest. AN USSR Ser. biol. nauk* no. 4:88-96 '67.
- Morphology of nerve fibers of thoracic and some other nerves in domestic ruminants and poultry. N. V. Mikhailov, *Izv. zap. KVI* 95:21-35 '67.
- Morphology of nucleoli during oocyte growth in starfishes. I. V. Raikova, *Zhur. ob. biol.* 21 no. 3:316-333 My-Je '63.
- Morphology of the vagus nerve in ruminants. IU. Kh. Minchikova, *Izv. zap. KVI* 98:3-13 '67.
- Multilayer epithelium of merine tubules in man and mammals. V. A. Korolev, *Arkh. anat., gist. emb.* 54 no. 5:83-89 My '68.
- Nature of neurofibrils. I. F. Akasova, *Vest. AN USSR Ser. biol. nauk* no. 4:111-117 '67.
- Nerves of the organs in the pelvic cavity in domestic ruminants. IU. Kh. Minchikova, *Izv. zap. KVI* 98:14-12 '67.
- Neurohistologic and histochemical study of the tetra-organic elements of the nervous system of the lung in dogs. I. I. Korotchkina, V. I. Djedko, *Arkh. anat., gist. emb.* 54 no. 5:77-82 My '68.
- Reactive changes in the nerve structures of some skeletal muscles and salivary glands in laboratory animals. H. B. Abasov, M. F. Koptan, *Dokl. AN USSR Ser. B* 30 no. 2:160-163 F '68.
- Respiratory innervation in the efferent fasciculi of the vagus nerve. I. I. Garbina, *Izv. zap. KVI* 98:102-107 '67.
- Some characteristics of the biomorphology of the thoracic nerves in domestic mammals and poultry. N. V. Mikhailov, *Izv. zap. KVI* 98:18-25 '67.

591.5 Ecology

- Age-related changes in the blood circulation in some species of rodents. D. A. Bashvetskaya, *Trudy Inst. fiziol.* 12:272-276 '68.
- Characteristics of the restoration of the motor function following deafferentation of the olivary nucleus in dogs during ontogeny. A. T. Khudorozhova, *Trudy Inst. fiziol.* 12:308-320 '68.
- Dement'ev, G. P., A. K. Rustamov, and S. M. Uspenskiy. [In cold and hot weather. (Animal and landscape).] V. Stuzhnege. (Zhurnalov i landschaft). Moscow, "Mysl", 1967. 134 p. (Nasledstvo o prirode).
- Development of chemical homeoregulation in lambs in early ontogeny. A. P. Dzygova, A. R. Nakarova, *Trudy Inst. fiziol.* 12:261-267 '68.
- Development of conditioned reflex activity in passerine birds during ontogeny. T. V. Lukina, *Trudy Inst. fiziol.* 12:235-249 '68.
- Development of differentiating and excitatory inhibition in dogs during ontogeny. A. T. Khudorozhova, *Trudy Inst. fiziol.* 12:321-329 '68.
- Development of digging and crawling activity in rodents during ontogeny. A. I. Shcheglova, *Trudy Inst. fiziol.* 12:336-342 '68.
- Effect of amiazin on the passive defense behavior in dogs. N. M. Vavilova, M. P. Khavina, N. V. Totopova, *Trudy Inst. fiziol.* 12:195-200 '68.
- Effect of caffeine on the alimentary motor conditioned reflexes during the ontogeny in dogs. I. I. Kozlova, *Trudy Inst. fiziol.* 12:230-233 '68.
- Effect of cooling and muscular activity on the physiological functions in lambs in early postnatal ontogeny. A. R. Nakarova, A. G. Ponomareva, A. I. Shcheglova, *Trudy Inst. fiziol.* 12:250-254 '68.
- Formation of chemical homeoregulation in golden hamsters during ontogeny. D. A. Rozhals, L. S. Maslennikova, *Trudy Inst. fiziol.* 12:277-282 '68.
- Formation of delayed conditioned reflexes during ontogeny in dogs. E. N. Kobakova, *Trudy Inst. fiziol.* 12:219-225 '68.
- General characteristics of the development of the eyspasmofunctions of the new cerebral cortex in rabbits in its early postembryonic histogenesis. E. I. Kalitina, *Trudy Inst. fiziol.* 12:214-218 '68.
- Mathematical possibilities for an applied population classification. V. A. Komar, *Zhur. ob. biol.* 20 no. 3:367-381 My-Je '68.
- Physiological mechanisms of the dynamics of the formation of complex behavior in anthropoid apes (chimpanzees). A. I. Schastnyy, *Trudy Inst. fiziol.* 12:152-162 '68.
- Population density expressed in mathematical terms. V. A. Komar, *Zhur. ob. biol.* 20 no. 3:362-368 My-Je '68.
- Problem of senile changes in the conditioned reflex activity in mice. V. K. Fudorov, *Trudy Inst. fiziol.* 12:292-298 '68.

- Role of afferent innervation in the reflex activity of dogs during ontogeny. A. T. Khudorozhova, *Trudy Inst. fiziol.* 12:261-267 '68.
- Speed of predatory fish movements during game time in the system predator-victim. V. A. Fedorov, *Ryb. khoz.* 48 no. 3:28-31 '68.
- Study of the play activity in rats and golden hamsters. A. G. Ponomareva, *Trudy Inst. fiziol.* 12:104-117 '68.
- Unconditioned and natural conditioned reflexes in lambs and kids in early postnatal ontogeny. A. R. Nakarova, A. G. Ponomareva, D. A. Bashvetskaya, *Trudy Inst. fiziol.* 12:246-249 '68.

591.5(28)—Oceans, Seas

- Assessment of species as applied to plankton. V. V. Krylov, *Okeanologiya* 8 no. 2:101-111 Mr-Apr '68.
- Relationship between trophic groupings of deep-sea macrobenthos and the composition of bottom sediments. M. N. Sokolova, *Okeanologiya* 8 no. 2:120-131 Mr-Apr '68.

591.5(281)—Atlantic Ocean

- Study of the bottom fauna of maximum depths in the Atlantic Deep made from the research vessel "Akademik Kurlov". I. A. Pasternak, *Okeanologiya* 8 no. 2:112-115 Mr-Apr '68.

591.5(282, 5)—Black Sea

- Zooplankton of the Sasyk Liman. I. V. Neftan, *Izv. zap. KVI* no. 10:105-116 '68.

591.5(285)—Pacific Ocean

- Seasonal phenomena in the plankton of the northeastern part of the Pacific Ocean. A. K. Kharinik, *Okeanologiya* 8 no. 2:287-295 Mr-Apr '68.

591.5(287)—Indian Ocean

- Primary production of the northern part of the Indian Ocean. IU. Kh. Kobakova, *Okeanologiya* 8 no. 2:270-278 Mr-Apr '68.

591.5(287, 5)—Red Sea

- Some data on the quantitative distribution of zooplankton in the Red Sea based on observations in May-June, 1966. I. A. Ponomareva, *Okeanologiya* 8 no. 2:297-300 Mr-Apr '68.

591.5(288)—Arctic Ocean

- Role of species composition in the formation of the euphausiid population in the Barents Sea. S. S. Drozhzhova, *Trudy PINRO* no. 20:193-201 '67.

591.5(476)—Moldavian S. S. R.

- Zooplankton of the Sasyk Reservoir. V. L. Ormal'skii, *Izv. zap. KVI* no. 10:3-12 '68.

591.6 Animal Histology

- Changes in the mitotic activity of epithelial cornea in laboratory animals following chronic gamma irradiation in small doses. S. A. Keizer, K. V. Ivanov, O. A. Zaitseva, *Rad. biologia* 7 no. 6:857-859 N-D '67.
- Experimental morphological analysis of segmentary innervation of spinal accessory fibers of hypoglossal nerves. U. A. Litavskiy, *Vest. AN USSR Ser. biol. nauk* no. 4:74-82 '67.
- Fluorescent methods of selective detection of RNA in different types of cells with the help of Schilling's reaction. R. N. Khachaturov, *Izv. AN USSR Ser. biol.* no. 3:353-362 My-Je '68.
- Histology of histological studies of the muscle tissue of castrated and noncastrated bull calves. A. A. Pomin, *Izv. zap. KVI* no. 10:97-102 '67.

591.9 Zoogeography

- Fauna of lower terrestrial vertebrates in the Central Chernozem Reserve. V. I. Litavskiy, *Trudy TSentr. Chern. gos. zap.* no. 10:83-87 '67.
- Muscle search activity under conditions of simulating artificial feedback simultaneously along several muscles. A. I. Litavskiy, *Aviom. i letn.* no. 3:118-130 Mr '68.
- Simplest search mechanism controlling skeleton muscles. M. A. Atzerman, E. A. Andreeva, *Aviom. i letn.* no. 3:103-110 Mr '68.
- 591.9(471, 326)—Mordvin A. S. S. R. Geographical zoning of sheep breeds on collective and state farms of the Mordvin A. S. S. R. D. M. Karolov, *Izv. zap. Mord. gos. un.* no. 50:172-181 '67.
- Some data on the species composition and numbers of small mammals in the Sabayovskiy region of the Sura Valley flood plain. A. I. Ugolov, *Izv. zap. Mord. gos. un.* no. 50:121-124 '67.

592 Invertebrata

- Characteristics of the evolution of the nervous apparatus and genetic systems in protozoans. IU. I. Pollanskii, *Vest. LGU* 23 no. 9:7-13 My '68.
- Comparison of oxygen and redox potential methods in determining the intensity of gas exchange in aquatic animals. V. K. Fedorov, IU. I. Sorokin, *Trudy Inst. biol. vnutr. vod* no. 15:91-93 '67.
- Electrical activity of neurons in *Helix pomatia* following tactile stimulation. E. N. Sokolov, V. P. Dilenko, *Zhur. vyz. nat. dat.* 18 no. 1:113-118 Ja-F '68.

- Experience in farm sanitation against leishmaniasis. G. N. Grigorov, G. P. Kuznetsova, *Veter. no. 6:46-48 Je '68.*
- Thyothelminde and bioinulin. S. M. Ilye, *Izv. zap. KVI* no. 6:74-76 Je '68.

592(262)—Mediterranean Sea, Adriatic and Aegean

- Effect of biological filter feeders on the radioisotope substances in the littoral zone of the terranean Sea. A. F. Fudrov, *Zhur. ob. biol.* 27:1 '66.

595 Articulata. Vermes. Arthropoda

- Cases of sickle in sheep caused by the aphid. S. Ledtsov, A. Tarasova, *Veter. no. 6:57-58 Je '68.*
- Characteristics of the dynamics of water pupae of *Bombus morio* L. in relation to conditions. I. M. Kyroleva, *Dokl. AN USSR Ser. B* 30 no. 3:284-288 Mr '68.
- Congenital allomutary reactions in *Meletema* (Coleoptera, Chrysomelidae). E. R. Ustulov, *Izv. zap. KVI* no. 12:163-170 '68.
- Endogenous rhythms and the problem of phagocytosis. A. S. Danilovskii, N. I. Gur'yevskiy, *Vest. LGU* 23 no. 9:39-45 My '68.
- Feeding habits and reproduction of some beetle species (Coleoptera, Curculionidae). L. R. Lomova, T. R. Ivanova, *Vest. AN USSR Ser. B* 30 no. 3:101-108 Mr '68.
- Materials for the prognosis of the rate of tick-borne encephalitis in Tonsk district. Kolmakova, *Trudy TSentr. Chern. gos. zap.* no. 10:12-10 My '68.
- Mechanism of the formation of tick-borne encephalitis in populated areas. S. P. Karlov, *Izv. zap. KVI* no. 10:101-108 Mr '68.
- New cases of flies (Diptera, Tipulidae) in the USSR. A. S. Danilovskii, *Izv. zap. KVI* no. 10:101-108 Mr '68.
- New data on feeding habits of the larvae of *varia* F. G. A. Krenke, *Nauch. dokl. vyssh. shk.* no. 6:8-10 '68.
- New species of the genus *Parandabla* (Coleoptera, Psephenidae). I. M. Terezhnikov, *Izv. zap. KVI* no. 10:101-108 Mr '68.
- New species of the genus *Parandabla* (Coleoptera, Psephenidae). I. M. Terezhnikov, *Izv. zap. KVI* no. 10:101-108 Mr '68.
- New species of the genus *Parandabla* (Coleoptera, Psephenidae). I. M. Terezhnikov, *Izv. zap. KVI* no. 10:101-108 Mr '68.
- Papers of the 10th annual lecture in zoology. Zoologicheskii, April 1, 1968. *Doklady Akad. nauk SSSR* no. 1:1-1000 p. Moscow, "Nauka", 1968.
- Prognosis and prophylaxis of massive allomutary flies. V. Z. Kovtun, *Vest. AN USSR Ser. B* 30 no. 3:101-108 Mr '68.
- Protecting reindeer against hornflies. *Veterinarnia* 45 no. 8:81-84 Je '68.
- Role of temperature factor in the parasitism of *Agropyron pseudococcum* (Gir.) (Hymenoptera, Encyrtidae). O. D. Nilazov, *Izv. AN Tatar. Respubl. Ser. biol. nauk* no. 1:79-82 '68.
- Strengthening the control of harmful insects in the USSR. *Veterinarnia* 45 no. 8:81-84 Je '68.
- Structure of insect cuticle in relation to the type of their vital forms. N. B. Chiriacova, *Izv. zap. KVI* no. 10:101-108 Mr '68.
- Synthesis of glycolytic products in the dynamics of polyphosphates in allomutary. L. K. Knapik, *Molodnizhskiy, I. M. Tarasovskiy, Izv. zap. KVI* no. 10:101-108 Mr '68.
- Tests of diethyltoluamide (DETA) for protection against hornflies. P. V. Sotomayor, A. P. Korolev, *Veterinarnia* 45 no. 8:81-84 Je '68.
- Transformation of the food energy by some planktonic Cladocera. A. P. Ostapenko, *Zhur. ob. biol.* 20 no. 3:334-342 My-Je '68.
- Use of bavin to control the tick *Ixodes ricinus* and other ticks. *Veterinarnia* 45 no. 8:81-84 Je '68.
- Weight changes in the pupae of *Parandabla* under various photothermal conditions. I. M. Terezhnikov, *Izv. zap. KVI* no. 10:101-108 Mr '68.

595(268)—Arctic Ocean

- Role of species composition in the formation of the euphausiid population in the Barents Sea. S. S. Drozhzhova, *Trudy PINRO* no. 20:193-201 '67.

595(470)—European U. S. S. R.

- Hilology and ecology of *Meimelidus* (Nemertea, Sclerozoa). A. K. Artyukhovskiy, *Trudy TSentr. Chern. gos. zap.* no. 10:12-10 My '68.

595(471, 51)—Udmurt A. S. S. R.

- Relationship between the cuticle permeability and their physiological conditions. R. N. Chiriacova, *Izv. zap. Perm. ped. inst.* 47 '67.

595(471, 53)—Perm Province

- Butterflies, the fauna of clover and alfalfa. N. S. Azhegova, *Izv. zap. Perm. ped. inst.* 47 '67.
- Noagouti outbreak in Perm Province as a function of temperature conditions. A. M. Burylov, *Izv. zap. Perm. ped. inst.* 47 '67.

Commercial fishing for the polynorm in the Aral Sea. *Sovetsk. Rybn. Khoz.*, 1944, 1: 145-148.

Mammals and birds of the Chirchik River floodplain. V. N. Zarinbekov. *Izv. Irsk. gos. protivochum. inst. Sten. Dal'n. Vost.*, 1956(1): 119-153.

Materials on biology and ecology of fleas of the saskik *Cheilosia dentifera*. V. N. Zarinbekov. *Izv. Irsk. gos. protivochum. inst. Sten. Dal'n. Vost.*, 1956(4): 344-348.

Structure of the groupings of mammals in the basic floodplains of the Asiatic part of the U.S.S.R. and Mongolia. V. V. Moskalov. *Izv. Irsk. gos. protivochum. inst. Sten. Dal'n. Vost.*, 1956(4): 164-169.

18. Types of development of water larks in the Lena River flood plain. B. L. Ponomarev. Izv. Irk. gos. pedivche'm. inst. Sib. I Dal'n. Vost. 25: 215-219 '83.

19. Results of the migration of *Mareca strepera* from Mongolia to Transbaikalia. N. S. Tarasov, I. M. Dubovskiy, V. M. Fedorov. Izv. Irk. gos. pedivche'm. inst. Sib. I Dal'n. Vost. 25:202-222 '83.

Kozlov, V. V. [Wolves of the Siberian forest steppe and their extermination] *Volki lesostepnogo Sibiri i ikh iskhleniye*. [Krasnoyarsk] Krasnoyarskoe kn. izd., 1986. 126 p.

Summary of the morphological and physiological characteristics of the long-tailed euslik. M. V. Otkrout, Izv. Irk. gos. pril. oshch. inst. Sib. filiala. Tosi, 25: 205-214, 1963.

Influence of crabs on the tularemia foci in the Altai Territory, G. I. Kirpichnikov, Izv. Irk. gos. protivochum. inst. Sib. i Dal'n. Vost., 23:135-141, 1963.

Experience in the extermination and hunting of malaria
in the border strip of Gorno-Altaï Autonomous Province
U. S. Mikolovskis, 12v, lek. gos. profkhozim, Inst. Sibir.
Litell. Vost., 25:369-375, 1953.

Ecoparasitosis of mouse-like rodents of Tuva. Report No. 1: Ecoparasitosis of *Arctomys torosus* L., G. L. Lutsova, N. D. Emel'yanova, G. S. Lelova, Izv. Irv. gos. pedol. univ. Inst. Sib. i Dal'n. Vost., 25:352-359, 1973. Materials for studies on ecoparasitosis of the rodents of Tuva. Report No. 1: Fleas, G. L. Lutsova, N. D. Emel'yanova, G. S. Lelova, Izv. Irv. gos. pedol. univ. Inst. Sib. i Dal'n. Vost., 25:361-364, 1973.

Rodents in populated places of Vilim Otokma mountainous region, I. D. Ochilov, A. S. Bondarchuk, Izv. Irk. gos. protivochum. inst. Sib. i Dal'n. Vost. 25: 243-247 '83.

Statistical distribution and numbers of mammals in the vicinity of Tikongou Bay, M. S. Hevatskaya, Izv. Irk. gos. protokoln. inst. Sib. i Dal'n. Voist., 25:242-253 '66

Remarks on rodents of Sovetskaya Gavan' District of Khabarovsk Territory. I. K. Antkeev, Izv. Irk. gos. protivoparaz. inst. Sib. i Dal'n. Vost. 25:294-308 '53.

500/571-533 Maculino Territory

Fertility of hamsters *Cricetus barbeensis* in the Maritime Territory (Far East). Izv. Vses. gos. protivovetsh. inst. Stb. i Dat. Vost. 25:266-300 1963.

Materials on rodents of the Kamcharka Peninsula. M. A. Gurbuzov, V. M. Lipaev, Izv. Irk. gos. pedivochim. inst. Sib. i Dal'n. Vost., 25:285-295 1973.

Migration of salms in Ustyurt. A. M. Mambetzhumayev.
Izuch. dokl. vys. shkoly. biol. nauki II no. 5:34-36 '68

leading role of the party organizations in the heroic
Bastin in the introduction of scientific achievements
into industry, 1950-1965. Z. I. Inokova. Ucheb. izd. zhen
11, no. 5, 1965, pp. 116-168.

The All-Union Society of Inventors and Innovators keeps traditions and promotes innovations. Izobr. i rats. no. 6 1-2 '85.

Brief news, Izvestiia, no. 5-31 '46.
 Corrected, achieved, Izvestiia, no. 6-22 '46.
 Different means but the same directive, Izvestiia,

In the world of science and technology, Marston, 51
to 6 63-57, Jr. '68,
to state legislative office. E. H. Cavell, Jr. '68.

klassifikatsiia. (Osnovnaia skhema). Vvoditsia s 1 ian
1968 g. Izd. 5-e, ispr. 1 dop. Moskva, 1967, 68 p.
Inventories belong to the state. V. Pozdnyev. Izdat. 1 na

Local news, Izvbr. i patr. no. 6-6 '68.
New developments in the field of science and technology

Protection of state interests in the field of inventions,
Prav. zhurn. 10 no. 3/19-68-69 '67.

698(431)—German Democratic Republic

Shown in the Polish People's Republic, WTO 10 no. 3:
45 Mr 119.

81 MEDICAL SCIENCES, HEALTH AND SAFETY

[Medical abstracts] Med. ref. zhur. Sect. I vol. 12 no. 7
 II '68, Sect. 2 vol. 12 nos. 6, 7, 8, 9, 1968, Sect. 3

'66. Sect. 8 vol. 12 nos. 5-6 My-Je '68. Sect. 9 vol. 1
no. 6 Je '68. Sect. 10 vol. 12 nos. 5-6 My-Je '68.
Sect. 11 vol. 12 nos. 4-6 Ap-Je '68. Sect. 12 vol. 12

Parin, V. V. [Qualitative methods in biology and medicine] *Kolichestvennye metody v biologii i meditsine*

611 Anatomy

Anatomico-physiological characteristics of the mobility of the shoulder joint, B. V. Sermyev and others. Uc zap. GGI no. 79:67-69 '87.

and others, *Neurobiologia* 8 no. 2:211-215 Mar-Apr

Morphogenesis of articular cartilaginous strata at the extremities in dogs under normal conditions; 3) in experimental disorders of their function. V. A. Vol'nyy.

Prilovs, M. G., N. K. Lysenkov, and V. I. Bushkovich.
[Human anatomy] *Anatomia cheloveka*. Pod red.
M. G. Prilova. 13d. 564 p. 1958. 1200000.

some characteristics of the structure of the cephalopod portion of the human skull. 101. D. Baurzhenzskaya.

Age-related characteristics of the physiological status of the common shrew population in Iran. A. I. Fekete

Ugahy Scientific Conference on Age-Related Mortality

Studies on the role of humoral reactions; a conference, November 22-24, 1967 held in Paris, L. L. Charkov, and I. Kordyuk, Bakhmetevskaya 3, Moscow, U.S.S.R.

state of the physiological ability of the immunostimulating agent in relation to different physical development periods: 1. 1st half of the 1st trimester; 2. 2nd half of the 1st trimester; 3. 1st half of the 2nd trimester; 4. 2nd half of the 2nd trimester; 5. 1st half of the 3rd trimester; 6. 2nd half of the 3rd trimester.

¹Classroom Anthology in the History and Culture of Animals, Inq. by Bradburn, R. P. Kumbhoj, H. S. Kulkarni, S. S.

012.1 Blood and circulation

Age-related and functional characteristics of the circulatory system

Age-related changes in the blood rheology in some species of rodents. A. A. Bakhurkhala, Tatyana Izrael, 17-272 278 1980.

"Mackgonimul" volumes of blood normo protein fractal:
in white cells. *Chin. Ob. gynecol. J.* 1981; 16: 12

Characterization of the arterial blood supply to kidneys
 some chronic conditions. M. J. Hurn, *Pharmacol. Ther.*,
 28 (1985) 281-291.

Composition and properties of carp blood. A. A. Kuzhavyev, V. V. Matkov. Veterinaria 15 no.6 70-71 in 1960.

under different water regimens, Z. S. Arshova, A. S. Stuchlova, Truly Inst. Biol., 12-7-13 '06, 1906.

Development of unconditional and conditioned nociceptive reflexes in experimental conditions. V. S. Sidorov, Izv. vuz. GPP no. 13:38-42 '67.

S. A. Gasparian, A. T. Alinoy, A. B. Iltu, Vest. AMN
SSSR 23 no. 0.04-00 '86.

Effect of aminazine and mopazine on the blood picture

613.6 (Continued)

Data on hygienic evaluation of production and meteorological conditions in a "hermetized" industrial building without "gilding" and windows. S. Ch. Krasovskiy. Trudy SOGMII no. 10:235-241 '67.

Data on the dust content in the air and on the material composition of the dust in the processing of hard alloys at the "Pobedit" Plant. T. M. Orlovskaya. Trudy SOGMII no. 10:113-117 '67.

Dynamics of hematologic changes in saturnism. M. D. Digerova. Trudy SOGMII no. 10:33-36 '67.

Dynamics of the indices of mortality with temporary disability recorded during nine years at the "Elektronika" and "Pobedit" Plants. S. R. Dikhter. Trudy SOGMII no. 10:209-217 '67.

Energy exertion of workers during some work processes in the lead shop of the "Elektronika" Plant. G. V. Vargova. Trudy SOGMII no. 10:35-36 '67.

Evaluation of the comparative toxicity of industrial poisons. I. V. Sharshil. Toks. nov. prom. khim. vestn. no. 9:7-10 '67.

Evaluation of the filtering capacity of different respirator types used in the lead and zinc processing workshops of the "Elektronika" Plant. M. Kh. Chelchizova. Trudy SOGMII no. 10:217-219 '67.

Experience in a dynamic clinical-hygienic study of 29 saturnism cases. A. A. Kubatiev. Trudy SOGMII no. 10:115-120 '67.

Experience in the study of the lead balance in workers in a lead shop and under experimental conditions. K. Kh. Lukh. Trudy SOGMII no. 10:49-54 '67.

Experiment in the substantiation of measures on hygienic rationalization of the work of smelting and pressing specialists in the workshop of high-melting of the "Pobedit" Plant. V. T. Sautova. Trudy SOGMII no. 10:157-162 '67.

General characteristics of the contents of these studies. S. R. Dikhter. Trudy SOGMII no. 10:5-9 '67.

Hygienic characteristics of work conditions in the central shop of the "Elektronika" Plant. I. B. Bilalova. Trudy SOGMII no. 10:23-25 '67.

Industrial hygiene in working with toxic chemicals at JSC "M. A. Nazarkin. Uch. zap. Mor. gos. un. no. 58:194-196 '67.

Instructions for the determination of the dissemination of harmful substances in the air (dust and sulfur dioxide), contained in industrial waste. Ukazaniya po raschetu rassivaniya v atmosfere vrednykh veshchestv (pyli i serosistogo gaza), soderzhashchikh v vybrosochakh promyshlennykh predpriyatiy SN 300-67. Izd. ofits. Uv. S/VI 1967 g. Leningrad, Gidrometizdat, 1967. 47 p.

Materials of preliminary physiological and hygienic characteristics of the basic professions in the workshops of powder metallurgy of the "Pobedit" Plant. V. T. Sautova. Trudy SOGMII no. 10:149-150 '67.

Materials on sanitary characteristics of work conditions in the mechanized workshops of the Ordzhonikidze Glass Container and Isolation Plant. V. P. Chucharenko. Trudy SOGMII no. 10:243-248 '67.

Mechanical and partial metallography in women working at workshops of powder metallurgy of the "Pobedit" Plant. Z. T. Tsvetova. Trudy SOGMII no. 10:201-205 '67.

New data on general and special problems of industrial toxicology. I. V. Samostin. Toks. nov. prom. khim. vestn. no. 8:3-7 '67.

Some data on occupational dermatoses at petroleum refining enterprises. T. S. Bravoch. Trudy SOGMII no. 10:207-211 '67.

Some data on the sanitary characteristics of work conditions in the casting workshop of the "Elektronika" Plant. N. S. Aravogova. Trudy SOGMII no. 10:321-326 '67.

Some methods of detecting the species sensitivity of laboratory animals to the effect of chemical substances. A. I. Kladkov, K. N. Sidurov. Toks. nov. prom. khim. vestn. no. 9:27-37 '67.

Some methods of quantitative evaluation of the cumulative effect. K. K. Sidurov. Toks. nov. prom. khim. vestn. no. 9:19-27 '67.

Some problems in the diagnosis of saturnism. M. M. Abueva, V. A. Il'ina, O. P. Firsova. Trudy SOGMII no. 10:91-96 '67.

Some problems of the general toxic and gonadotropic effect of ter-butyl peroxide. I. V. Samostin and others. Toks. nov. prom. khim. vestn. no. 9:78-85 '67.

State of digestive organs in workers of two workshops in powder metallurgy. O. G. Kuznetsova. Trudy SOGMII no. 10:193-200 '67.

Study of some indices of the blood in experimental poisoning with lead in combination with carbon monoxide. Report No. 2. G. F. Okeznova, M. D. Digerova. Trudy SOGMII no. 10:25-31 '67.

Study of the effect of the dust factor in the workshops of powder metallurgy of the "Pobedit" Plant on the health of the workers. O. V. Gurtsev. Trudy SOGMII no. 10:136-141 '67.

Study of the sensitivity of the system "lungs-thoracic cavity" by means of a modified apneographic method in workers of workshops of powder metallurgy. M. R. Chukhail. Trudy SOGMII no. 10:187-192 '67.

Therapeutic and prophylactic diet. K. A. Alekseeva. Ochr. zdr. i bez. mirakh. no. 3:41-44 '66.

Toxicity of furan. K. P. Slavenkova, T. A. Kochetkova, V. A. Shchirskaya. Toks. nov. prom. khim. vestn. no. 9:105-110 '67.

Toxicity of the fluid "3A." I. U. P. Sautova. Toks. nov. prom. khim. vestn. no. 9:153-158 '67.

Vascular tone and arterial pressure in persons working under the influence of lead. M. M. Abueva. Trudy SOGMII no. 10:97-102 '67.

613.7 Exercise. Recreation. Rest. Sleep. Gymnastic exercises of workers in the open. R. S. Demelov. Teor. i prak. fiz. kult. no. 3:55-66 '67.

How the individual characteristics of the examined affect the results of physical recreation. A. M. Gorchakov. Teor. i prak. fiz. kult. no. 3:51-54 '67.

A rational 24-hour schedule of work and recreation. G. G. Sarafanov, B. A. Dushkov. Teor. i prak. fiz. kult. no. 3:71-71 '67.

The role of physical training and sport activities in raising the efficiency of workers. I. I. Kotiv. Teor. i prak. fiz. kult. no. 3:56-57 '67.

613.8 Nervous and mental hygiene. Health and addictions, moral, behavior. (Subotekla-Toset's, R. M. [Alcohol and children] "Alkohol" i deti. 2-e izd. dop. Moskva, "Meditsina," 1968. 80 p. (Nauch.-popul. med. literatura).

614. Public health and safety. Rogozin, I. I., and V. D. Bellakov. [Associated immunization and emergency prophylaxis] Assotsirovannaya immunizatsiya i ekstremlaya profilaktika. Leningrad, "Meditsina," 1968. 248 p.

614(371, 320)—Moravia A. S. R.

Organization of medical care for children in a rural district: experience in Chirchinka District of the Moravian A. S. R. N. A. Nazarkin. Uch. zap. Mor. gos. un. no. 58:163-168 '67.

Role of solvents in spreading helminth diseases in man and farm animals in Macedonia. A. P. Machinskii, V. N. Semov. Uch. zap. Mor. gos. un. no. 58:65-69 '67.

614(471, 331)—Kalinia Province

[Public health in Kalinia Province during 60 years] Zdravotstvennoe Kaliniatskoe detsia za 60 let. [Moskva] Mosk. meditsin. 1967. 200 p.

614.2 Official and professional organization

Diagnosis of appendicitis in the practice of first aid. I. K. Rykhalin, A. G. Kachikov. Trudy Sar. gos. med. inst. 33:53-57 '67.

614 2(471, 311)—Moscow Province

The cancer you seek. P. Semdelova. Soz. obshch. 43 no. 5:58-59 '67.

614.3 Food, drugs, health and sanitary inspection, supervision and service for aviation. A. Kravtsov. Gishid. av. 23 no. 6:7 '67.

614.7 Air, soil and water hygiene and sanitation. Pollution. Drainage

Data on the dust content in the air and on the material composition of the dust in the processing of hard alloys at the "Pobedit" Plant. T. M. Orlovskaya. Trudy SOGMII no. 10:113-117 '67.

Instructions for the determination of the dissemination of harmful substances in the air (dust and sulfur dioxide), contained in industrial waste. Ukazaniya po raschetu rassivaniya v atmosfere vrednykh veshchestv (pyli i serosistogo gaza), soderzhashchikh v vybrosochakh promyshlennykh predpriyatiy SN 300-67. Izd. ofits. Uv. S/VI 1967 g. Leningrad, Gidrometizdat, 1967. 47 p.

Observations on soil disinfection. B. S. Shestev, A. P. Nuchinskii. Uch. zap. Mor. gos. un. no. 58:97-101 '67.

Study of the effect of the dust factor in the workshops of powder metallurgy of the "Pobedit" Plant on the health of the workers. O. V. Gurtsev. Trudy SOGMII no. 10:136-141 '67.

614 7(471, 45)—Volgograd Province

Pollution of Volgograd Reservoir by chemical and petroleum products. B. M. Orlovskaya, V. P. Kaplin, N. G. Pesenko. Gidrometizdat. 44:136-153 '68.

614 7(471, 65)—North Ossetia A. S. S. R.

Pollution of the Sazhko River by waste waters of Grozny. V. T. Kaplin, S. E. Porcherko, V. V. Shchukova. Gidrometizdat. 44:154-162 '68.

614 7(471, 65)—Dnieper Basin

Map of the pollution of surface waters in the Dnieper Basin with waste waters from enterprises of the coal industry. I. M. Lebedeva, N. G. Pesenko, V. P. Kaplin. Gidrometizdat. 44:138-145 '68.

Some results of the study of the Ayuta River in connection with the pollution by nonpolluted mine waste waters. A. A. Zemt, O. A. Kilmenska. Gidrometizdat. 44:163-168 '68.

614 7(571, 10)—Tomsk Province

Incidence of dysentery among Tomsk residents and the role of the water factor in its distribution. S. I. Krasov. Trudy Tomsk. gos. un. 16:118-123 '65.

614.8 Accidents: prevention, protection, safety

Fire and explosion control in clothing departments. I. V. Lipatov, K. I. Kuratiev. Gidrometizdat. 44:172-176 '68.

Individual protection of breathing organs. I. N. Nikiforov, S. L. Kaminskii, E. N. Afanas'eva. Soz. obshch. 58 no. 5:47-51 '67.

Mez, N. G. [Handbook on special work clothes and items of individual protection] Pamiatka o spetsialnoy zashchite sledstvakh individualnoi zashchite. Izd. 4-e, pererabot. i dop. Moskva, Stroizdat, 1967. 47 p. [Tekhnika bezopasnosti v stroitel'stve].

Joint efforts removed the danger. A. Vagabov. Bozop. truda v prom. 12 no. 6:31-32 '68.

Likelihood of explosions in the pneumatic conveying system and their prevention. V. K. Abramov, I. P. Kravtsov. Bozop. truda v prom. 12 no. 6:43-45 '68.

New RPTS-22 respirator. N. S. Arkush, B. I. Ivanov. Tekh. inform. VNIIS no. 7:88 '62.

Occupational trauma in coal mines and measures for its prevention. I. A. Bakhin. Bozop. truda v prom. 12 no. 6:1-4 '68.

Prevention of explosions of compressed gas containers. V. V. Podguzov. Bozop. truda v prom. 12 no. 6:11-12 '68.

Safety engineering problems and the scientific organization of labor. A. A. Iurimovskiy. Bozop. truda v prom. 12 no. 6:21-20 '68.

Tomlin, V. E. [Fire prevention when using heat generators in construction work] Pozharnaya bezopasnost' pri primeneni topogeneratov v stroitel'stve. Moskva, Stroizdat, 1968. 52 p.

614 8(477)—Moldavia S. S. R.

Recent slagline encephalitis. Izd. pravo no. 3:102-108 '68.

614 0(470)—Caucasus and Transcaucasia

Conference on safety techniques. V. I. Davlov. Tekh. inform. 14 no. 3:11-15 '68.

615 Pharmacy. Pharmacology. Toxicology

[Pharmacology. Chemotherapeutic. Toxicology] Ite zhori. Farm. Khimicrapi, sred. Toka, nzs. 0:7 '68. Prelimnyy ukazatel' za 1968 g.

616(470, 24)—Azerbaijan S. S. R.

Azerbaijanskoe nauchnoe farmatsevticheskoe obshchestvo. [Materials of the 2nd of Young Scientists and Practical Conference of the Azerbaijan Scientific Pharmacological Society held in Kirovabad] Materialy vtorogo nauchno-prakticheskogo konfrentsiya Azerbaidzhanskogo nauchnogo farmatsevticheskogo obshchestva v gor. Kirovabad, Baku, 1967. 161 p.

616.3 Organic matter media

Aminocyclitol. S. A. Parfisi and others. Zhur. mikrob. i epid. i immunit. 43 no. 5:144-146 '68.

Action of γ -globulin in infectious hepatitis. S. S. Shtarkov, I. I. Kargin. Zhur. mikrob. i epid. i immunit. 43 no. 5:146-148 '68.

Allergic reactions in patients vaccinated against tick-borne encephalitis. I. I. Kargin, A. A. Shtarkov. Trudy Tomsk. gos. un. 16:255-260 '68.

Case of epilepsy treated with pentamycin. I. A. Iul'manova. Trudy Kaz. gos. med. inst. 21:181-184 '65.

Changes in the phagocytic activity of monocytes during the process of immunization in antiplasma vaccination. G. I. Borovik, Izv. Irk. gos. pedvuchim. inst. 58:11 '68.

Changes in the protein composition in human blood sera in the process of their immunization with tick-borne encephalitis virus. I. I. Kargin, Z. I. Kuchelova, T. L. Mikhilova. Trudy Tomsk. gos. un. 16:276-283 '68.

Characterization of specific gamma globulin against tick-borne encephalitis in different immunity stages. S. P. Kargin, I. I. Kargin, A. A. Shtarkov. Trudy Tomsk. gos. un. 16:287-290 '68.

Comparative characterization of the specific therapeutic effect and non-specific reactivity of antiencephalitis serum preparations. B. G. Trukhinovskiy and others. Trudy Tomsk. gos. un. 16:293-298 '68.

Comparative study of different methods to produce reactivated antigen for the reaction of immunophoretic extinction in tick-borne encephalitis. R. A. Vukhina. Trudy Tomsk. gos. un. 16:299-304 '68.

Content of γ -antibodies and γ -antibodies in the blood serum of patients with typhoid fever treated with γ -antigen and γ -immunogen. I. I. Kargin, A. A. Shtarkov, A. A. Andreeva. Zhur. mikrob. i epid. i immunit. 43 no. 5:183-187 '68.

Correlation of the serological indices of immunity to 1 allergic reaction in tick-borne encephalitis. V. S. Nosov, A. A. Shtarkov. Trudy Tomsk. gos. un. 16:247-254 '68.

Dynamics of the content of 11-hydroxycholesterol in the peripheral blood in rats following intracerebral injection of a mixture of hydrocortisone and corticosterone. A. N. Ivanov, V. G. Shalashina. Prikl. endok. 14:1-2 '67.

Effect of adrenocortical, pituitary hormones and Atrial on the resistance of developing rats in adaptation to a exogenous endotoxin of Escherichia coli. I. A. Helokrylov, A. I. Churavskii. Zhur. mikrob. i epid. i immunit. 43 no. 5:33-37 '68.

Effect of aminazine and morphine on the catalytic rate metabolism and the activity of some hormonal preparations. E. L. Pravalorova, A. V. Smirnova. Uch. zap. Inst. farm. i khimioter. A.M.N. SSSR. 1:153-158 '68.

Effect of antiserum vaccination on the palliative resistance in mice. I. I. Murav'eva. Biol. eksp. biol. med. 65 no. 5:44-48 '68.

Effect of *Ionolobus obliquus* extract on the body temperature in newborn calves. I. P. Golyshnikov. Uch. zap. Mor. gos. un. no. 58:41-43 '67.

Effect of *Ionolobus obliquus* extract on the growth of calves. I. P. Golyshnikov. Uch. zap. Mor. gos. un. no. 58:45-47 '67.

Effect of *Leuzea root* extract on factors of non-specific immunity. A. D. Molochkina. Trudy Tomsk. gos. un. 16:318-321 '68.

Effect of methylglutathione (methylglutathione) on the effect of glutathione-pyruvic acid transaminase and pyruvate spectrum of the serum in rabbits in acute toxic hepatitis. V. N. Aramamonov. Prikl. onkol. 14 no. 2:135-143 '68.

615.3 (Continued)

- Effect of synthetic vasopressin on the biosynthesis of corticosteroids and on the content of ascorbic acid in the adrenal glands of hypophysectomized rats. E. R. Bagration, T. I. Ivanenko. *Probl. endok.* 14 no. 2:77-82 Mr-Apr '68.
- Effect of legumin on the phagocytic process. G. P. Kirasov. *Izch. zap. Mor. gos. un.* no. 58:17-19 '67.
- Effect of vitamin B₁₂ on blood lipids in patients with hyperlipidemia. L. V. Buranova. *Kardiologiya* 8 no. 1:66 Ja '68.
- Ultrasonic and vector cardiographic changes in rheumatoid during treatment with corticosteroids, experimental study. G. I. Lyssak. *Kardiologiya* 8 no. 1:126-130 Ja '68.
- Experimental effectiveness of anti-influenza vaccine during the influenza epidemic in January and February 1967. V. M. Gagarinova and others. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:140-141 My '68.
- Experimental effectiveness of percutaneous immunization. G. N. Retenskiy and others. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:150-151 My '68.
- Experience in industrial production of gamma globulin against tick-borne encephalitis. Report No. 3. M. B. Babitskiy, A. I. Nevelev. *Trudy TomNIIVS* 16:270-272 '65.
- Experimental model of protracted insular coma. L. B. Boverman. *Probl. endok.* 11 no. 2:112-114 Mr-Apr '68.
- Experimental study of phagocytic reaction in immunization with posttissue-diphtheria-tetanus vaccine. *Trudy TomNIIVS* 16:211-216 '65.
- Immunological studies in experimental diphtheria-tetanus. G. N. Retenskiy, L. I. Kleitman, A. A. Shukovich. *Trudy TomNIIVS* 16:203-210 '65.
- Immunoprophylaxis of recurrence and metastases in compound carcinoma of breast cancer. E. G. Vishniakov. *Vop. onk.* 11 no. 3:131-139 '68.
- Hypercholesterolemia, accelerated fatty acids and the development of atherosclerosis in acute myocardial infarction. E. P. Denisov, L. N. Komarova. *Kardiologiya* 8 no. 1:11-17 Ja '68.
- Improvement of technology of sublimation drying of allografts. L. M. I. Ilyukhin, M. A. Tyukhova. *Trudy TomNIIVS* 16:311-317 '65.
- Inhibitory reaction of complement fixation in Arson tick-borne encephalitis. W. V. Myronovskiy, R. P. Lavrenko. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:137 My '68.
- Materials for the study of strains of apring and summer tick-borne encephalitis viruses used in the production of antientcephalitis preparations. B. A. Vildina. *Trudy TomNIIVS* 16:305-307 '65.
- Mechanism of the elimination of catecholamines from the bloodstream and their metabolism: a review of the literature. V. I. Kulinskii. *Probl. endok.* 11 no. 2:115-118 Mr-Apr '68.
- Parental use of γ -globulin for the prevention of infectious hepatitis in the North. A. S. S. H. G. V. Tsyurukov. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:110 My '68.
- Possibility of changing the pattern of immunization against diphtheria. L. I. Tachishova and others. *Trudy TomNIIVS* 16:291-296 '65.
- Production of hyperimmune horse serum against tick-borne encephalitis. I. U. V. Fedorov, N. F. Zolotarev, O. I. Shchepetkov. *Trudy TomNIIVS* 16:280-285 '65.
- Qualitative characteristics of the immunogenicity of diphtheria antitoxins. L. P. Valodkina. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:75-80 My '68.
- Reactivity of 2, 25 brain vaccine against tick-borne encephalitis and measures for its decrease. L. M. Marlen. *Trudy TomNIIVS* 16:300-301 '65.
- Rogozki, T. I., and V. D. Holakov. *Associated immunization and emergency prophylaxis*. Asepsirovannaya (mazatskaya) i ekstraktnaya profilaktika. Leningrad, "Meditsina," 1968. 348 p.
- Some histochemical indices of the function of the liver in the process of hyperimmunizing horses with tick-borne encephalitis virus. Z. F. Kiseleva. *Trudy TomNIIVS* 16:284-288 '65.
- Some complex immunobiological reactions in polyvalent vaccination. L. I. Kleitman and others. *Trudy TomNIIVS* 16:193-202 '65.
- Some immunological parallels in animals immunized with live and killed viruses of tick-borne encephalitis. *Trudy TomNIIVS* 16:239-246 '65.
- Study of the content of antibodies to influenza, tick-borne encephalitis, and parvovirus in placental sera and gamma globulin. M. A. Magidovskaya and others. *Trudy TomNIIVS* 16:273-277 '65.
- Transmission of blood suballergens in Boiklin's disease. E. M. Kotova, Z. M. Chetvergova, M. A. Petukhova. *Trudy TomNIIVS* 16:20-22 '65.
- Treatment of complications on the skin following vaccination against smallpox. N. V. Belikov. *Trudy TomNIIVS* 16:335-338 '65.
- Use of inoculum oblique extract in the prophylaxis of dyspepsia in calves. P. P. Gulyashenkov, M. T. Shchepetkov. *Izch. zap. Mor. gos. un.* no. 58:21-24 '67.
- Using agar-liqueur preparations in reindeer raising. A. M. Silkov. *Veterinariya* 45 no. 6:61 Je '68.
- Zinc level of the blood in horses in diphtheria-tetanus hyperimmunization and blood loss. S. M. Proger. *Trudy TomNIIVS* 16:307-312 '65.

615.3(471.328)—Mordvin A. S. S. R.

- Use of shepherd's purse (*Capsella bursa-pastoris* L.) in renal bleeding: from the practice of the urological section of the Republic Hospital. E. T. Gulyashenkov, P. P. Gulyashenkov. *Izch. zap. Mor. gos. un.* no. 58:173-176 '67.

615.3(571.16)—Tomsk Province

- Clinical aspects and epidemiology of acute poliomyelitis in children of Tomsk before and following the use of polio vaccine 11950-19631. Z. M. Zemlakova. *Trudy TomNIIVS* 16:57-60 '65.

615.4 Practical pharmacy. Medicines. Instruments

- Accumulation of carbon dioxide in anaesthesia apparatus. A. S. Perezhnits. *Trudy VNIMMO* no. 3:10-16 '64.
- Analysis of means to execute biological control of artificial respiration. M. A. Belikovskiy, R. Sh. Gafarov, M. G. Suma. *Trudy VNIMMO* no. 3:125-131 '64.
- Anesthesia apparatus NA-3M. A. S. Perezhnits, I. A. Gurevich, R. I. Lotras. *Trudy VNIMMO* no. 3:3-9 '64.
- Apparatus for oxygen therapy: a brief review. S. A. Glukhov. *Trudy VNIMMO* no. 3:140-157 '64.
- Attachable elements in devices for anaesthesia and artificial pulmonary ventilation. V. M. Ilievich. *Trudy VNIMMO* no. 3:17-25 '64.
- Automatic supporting of adequate artificial pulmonary ventilation. Preliminary report. T. M. D. Romanov, F. R. Chernokhovskiy, G. I. Chebotar'. *Trudy VNIMMO* no. 3:103-111 '64.
- Determination of the residual volume of the lungs by the closed system with helium using the 1001-1 apparatus. R. I. Agonovskiy. *Trudy VNIMMO* no. 3:120-124 '64.
- Device for the determination of the residual volume of the lungs and the irregularity of pulmonary ventilation. A. P. Piskunov. *Trudy VNIMMO* no. 3:102-110 '64.
- Devices for the examination of gaseous mixtures used in anaesthesia and respiration apparatus. H. I. Savitskiy, A. I. Vorobey. *Trudy VNIMMO* no. 3:111-120 '64.
- Endovenous tubes with variable profile for catheter. L. A. Kovstareva. *Trudy VNIMMO* no. 3:51-51 '64.
- Gas flowmeter. S. A. Vukobratov, L. A. Ananova. *Trudy VNIMMO* no. 1:256-127 '64.
- He-1 apparatus of artificial cough in the prevention and treatment of postoperative atelectasis. P. M. Chernokhovskiy. *Trudy VNIMMO* no. 3:91-92 '64.
- He-2 mechanical model of the lungs. S. A. Glukhov, L. K. Gorina. *Trudy VNIMMO* no. 3:150-165 '64.
- Mechanology of artificial pulmonary ventilation by means of a special adapter for bilateral intubation tubes in thoracic operations. V. M. Ilievich, V. D. Makshayev, I. S. Suvorova. *Trudy VNIMMO* no. 3:45-50 '64.
- Methodology of measuring the change of aerosol particles. A. V. Ryzov and others. *Trudy VNIMMO* no. 3:111-119 '64.
- The GPPK-2 fire, steam and formalin sterilization chamber (model). H. E. Hudakov. *Veterinariya* 45 no. 6:81-87 Je '68.
- Open-type spirometer. L. I. Nemirovskiy, G. I. Sidernikov. *Trudy VNIMMO* no. 3:91-97 '64.
- Pretest measurement of chloroform doses by vaporizer produced by the All-Union Scientific Research Institute of Medical Instruments and Equipment, during anaesthesia in patients with burns. T. M. D. Romanov, I. R. Chernokhovskiy. *Trudy VNIMMO* no. 3:61-64 '64.
- Prevention of safety in the anaesthetic alloy of arsenic. A. S. Perezhnits, A. A. Chernokhovskiy. *Trudy VNIMMO* no. 3:72-73 '64.
- RV-1 respirator for auxiliary respiration. S. I. Kozlov. *Trudy VNIMMO* no. 1:1-10 '64.
- RON-1 volume anaesthesia respirator. L. I. Volpert, I. A. Gurevich, R. I. Lotras. *Trudy VNIMMO* no. 1:65-71 '64.
- Rubber articles used in anaesthesiology. V. I. Gorbunov and others. *Trudy VNIMMO* no. 3:29-34 '64.
- Selection of the optimal size and localization of trans-thoracic electrodes of the defibrillator. B. M. Tsukerman, L. I. Tikhonov. *Kardiologiya* 8 no. 4:91-97 Ap '68.
- Test of attachable elements during anaesthesia in young children. H. D. Romanov, O. D. Kozlovskiy. *Trudy VNIMMO* no. 3:20-29 '64.
- Timofeevskiy, P. P., S. V. Pyzhov, and V. M. Iosad. *Instructions to medicine. An aid to physicians, scientists, engineering and technological workers and inventors*. Izobretatel'skoye v medicinske. Vponoskoye vracham, nach. i izch. tekhn. rabotnikov - izobretatel'ov v oblasti medicinske. Moskva, "Meditsina," 1967. 140 p.
- Unit for the calibration of small changes in the volume. S. A. Vukobratov, L. A. Ananova, N. E. Rozlovskiy. *Trudy VNIMMO* no. 3:170-173 '64.
- Use of electroacoustic units for the treatment of children with bronchial asthma and chronic pneumonia. N. A. Tikhonov, E. P. Marisenko. *Trudy VNIMMO* no. 3:130-142 '64.
- Use of open-type spirometer in the examination of asphyxiated under various stressors. V. V. Matov, I. D. Surikina. *Trudy VNIMMO* no. 3:98-103 '64.
- Use of PN-50 apparatus of artificial pulmonary ventilation in clinical practice. G. S. Ovchinnikov. *Trudy VNIMMO* no. 3:79-80 '64.
- Use of RO-1 in the clinical practice of hospital surgery in the First Leningrad Medical Institute named after I. P. Pavlov. V. N. Makarov. *Trudy VNIMMO* no. 3:54-57 '64.
- Use of RO-1 in the clinical practice of the Ministry of Public Health of the R. S. F. S. R. Scientific Research Institute of Clinical and Experimental Surgery. Report No. 2. V. S. Gigalet and others. *Trudy VNIMMO* no. 3:58-60 '64.

615.7 Drugs according to action. Chemotherapy

- Absorption of epifadazine in the gastrointestinal tract. A. A. Romantsov. *Veterinariya* 45 no. 6:58-59 Je '68.
- Acute myopericarditis in drug infestation. A. I. Saitanov. *Kardiologiya* 8 no. 4:126-129 Ap '68.
- Anomalous haptons in mice liver in early stages of carcinogenesis under the effect of β -naphthylamine. A. P. Shchukov. *Vop. onk.* 14 no. 3:12-16 '68.
- Antagonistic activity of the mycelium of the cultivated mushroom *Agaricus bisporus* (L. Lange) Sing. L. V. Garibova. *Mik. i fitop.* 2 no. 2:61-67 '68.
- Antagonists of aminazine. B. I. Ljubimov. *Izch. zap. Inst. farm., i khimioter. AMN SSSR* 1:113-128 '68.

Amblyograms of typhoid bacilli. Report No. 3: Effectiveness of the combined action of antibiotics on the typhoid bacilli. P. M. Kabanovskiy. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:141 My '68.

Application of an acid-labile separator from a strain of actinomycetes 135/1 for the prevention of infections in the alcohol industry. V. L. Iarovskiy and others. *Perm. i spirt. prom.* 1:4:16-16 '68.

Changes in the sensitivity of pyogenic Staphylococcus to antibiotics in the presence of labile globulins. B. M. Zelnovskiy. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:148-150 My '68.

Changes in thyroid activity during the process of development of tumors of the mammary glands induced by DMBA in rats. H. N. Akimova, N. M. Turkevich. *Vop. onk.* 14 no. 3:26-31 '68.

Chemotherapy in choriocarcinoma of the uterus. L. A. Novikova, V. F. Savitskiy. *Vest. AMN SSSR* 23 no. 6:53-57 '68.

Cytostatic action of 5-fluorouracil. Report No. 3: Effectiveness according to All-Union State Standard 7854-55. M. N. Khilova, G. M. Shargun, L. F. Kiseleva. *Zhur. mikrobiol., epid. i imm.* 45 no. 5:142-143 My '68.

Comparative data on the effectiveness of a novocaine, cocaine, procaine, lidocaine and vapocaine suprachloral block in experimental pain models. M. Sh. Shchukov. *Izch. zap. KVI* 10:2:1-302 '67.

Comparative evaluation of the effect of novocaine, cocaine, procaine, lidocaine and vapocaine suprachloral block of synaptic transmission on the excitative and adaptive reaction of the organism. M. Sh. Shchukov. *Izch. zap. KVI* 10:2:1-302 '67.

Comparison of M- and N-cholinergic activity of procaine and cocaine. V. B. Prozorovskiy, Z. A. Kabanovskiy. *Biokhimp. i med. i med.* 65 no. 3:74-76 My '68.

Dependence between the chemical structure and pharmacological effect in the series of some amino derivatives of phenothiazine. H. F. Vukobratov. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:27-46 '68.

Determination of the sensitivity of bacilli to antibiotics in chronic suppurative otitis. V. M. Ananovskiy. *Trudy SVI* 10:1:131-134 '63.

Distribution and concentration of acetoic acids and proteins in the structural elements of the retina in rabbits following administration of aminazine. L. A. Romantsov, L. M. Gurevich. *Biokhimp. i med. i med.* 65 no. 3:84-87 My '68.

Distribution of 5-fluorouracil-2-¹⁴C following intraperitoneal introduction into passive animals, experimental study. S. A. Gagarinova, A. T. Alimov, A. H. Ilyukhin. *Vest. AMN SSSR* 23 no. 6:61-66 '68.

Effect of aminazine and morphine on reflexes from the heart. M. U. Lashinova. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:105-111 '68.

Effect of aminazine and morphine on some regulatory mechanisms of the motor activity. N. A. Kravtsov. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:59-66 '68.

Effect of aminazine and morphine on the blood picture. M. F. Ivanova. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:120-129 '65.

Effect of aminazine and morphine on the conduction of excitation in some links of the reflex arc. N. A. Kravtsov, D. A. Kiselevskiy. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:51-60 '68.

Effect of aminazine on the passive dog's behavior in dogs. N. M. Vasilova, M. P. Khilova, N. V. Tsvetkova. *Trudy Inst. fiziol.* 12:105-203 '68.

Effect of aminazine on the secretory and motor activity of the dog stomach. A. I. Shilya. *Izch. zap. KVI* 98:124-125 '67.

Effect of antidiarrhoeal on the course of rat disease caused by *Freund's* type adjuvant. V. I. Sidorik, S. I. Kharlamovskiy. *Biokhimp. i med. i med.* 65 no. 5:56-60 My '68.

Effect of bradykinin and histamine on capillary permeability. P. A. Gaponchuk, V. I. Olvin. *Biokhimp. i med. i med.* 65 no. 5:31-34 My '68.

Effect of caffeine on the alimentary motor conditioned reflexes during the ontogeny in dogs. L. N. Kozlova. *Trudy Inst. fiziol.* 12:230-233 '68.

Effect of cholinergic on stimulating and inhibitory processes in the cerebral cortex. T. T. Kupchikov, A. A. Sapin. *Zhur. vya. nevro. doist.* 18 no. 1:151-163 Ja '68.

Effect of derivatives of the phenothiazine series on some forms of experimental arrhythmias. H. I. Vukobratov, N. V. Kaverina. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:97-103 '68.

Effect of hexamethylenetetramine on pulmonary blood circulation and bronchial tone. K. M. Zaslavskiy. *Biokhimp. i med. i med.* 65 no. 3:71-70 My '68.

Effect of infarction on the cellular activity of specialized cardiac tissue. L. V. Rozental'skiy. *Kardiologiya* 8 no. 1:98-102 Ja '68.

Effect of intravascular disorders of the uterus in pregnant rats on the vulnerability of their fetuses under the effect of hypothermia and myeloma. L. L. Kurdovskiy. *Biokhimp. i med. i med.* 65 no. 5:102-105 My '68.

Effect of medicinal sleep on the secretory activity of the stomach in dogs under physiological conditions and in experimental gastric ulcer caused by atropine. L. I. Popovskiy. *Trudy Kish. gos. med. inst.* 21:43-52 '63.

Effect of morphazine and aminazine on oxidizing phosphorylation and separate enzyme systems of tissue respiration. I. N. Shchepetkov. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:161-165 '68.

Effect of N-nitroso-N-methyl aniline and N-nitroso-N-ethyl aniline on rat embryos. V. A. Alekseyev. *Vop. onk.* 14 no. 3:37-40 '68.

Effect of novocaine on the absorptive function of connective tissue. I. S. Pan'ko. *Veterinariya* 45 no. 6:59-60 Je '68.

Effect of novocaine on the development of atrophic ulcers in dogs. N. T. Starostenko. *Trudy Kish. gos. med. inst.* 21:56-60 '63.

Effect of phenothiazine derivatives on the blood supply of the heart. N. V. Kaverina. *Izch. zap. Inst. farm. i khimioter. AMN SSSR* 1:85-96 '68.

- Bass, M. M., and D. F. Gluzman. [Malignant tumors in children.] *Zhukachivskiyenye opukhoti u detei.* Tashkent, "Meditsina," 1967. 180 p.
- biochemical indices of the activity of the rheumatic process. V. M. Kuliseva, R. I. Movshovich, Uch. zap. Kazan. gos. univ., no. 53:177-182 '67.
- Biological effect of oral administration of PoZu. M. I. Nikolov, I. K. Petrovich, Radiobiologiya 8 no. 2:279-285 Mr.-Ap '68.
- Biological properties of sodium salt of carboxymethylcellulose. Kh. I. A. Basina and others, Vest. AMN SSSR. Ser. biol. nav., no. 4:64-68 '67.
- Carbonyl compounds in the exhaust gases of car engines and the possibilities of their elimination. I. M. Sladov, A. I. Khesina, S. S. Khitrova, Vest. AMN SSSR 23 no. 5:12-20 '68.
- Change in the haptoglobin concentration in the blood serum of dogs and cats suffering from radiation sickness. A. V. Pospelova, L. I. Pust', Radiobiologiya 8 no. 2:220-223 Mr.-Ap '68.
- Changes of reflexes from the catidulus during primary reaction of the organism to irradiation. I. A. Luchakov, Radiobiologiya 8 no. 2:243-249 Mr.-Ap '68.
- Cytological methods of diagnosing malignant neoplasms. A. S. Petrova and others, Vest. AMN SSSR 23 no. 6:27-31 '68.
- Diagnosis of extracranial retroperitoneal tumors. V. I. Chereka, Vest. AMN SSSR 23 no. 6:44-48 '68.
- Dilman, V. M. [Aging, climax and cancer. Aging and diseases connected with hyperfunction of the hypothalamus as a special pathological group; compensation diseases.] *Sinronie, klimaks i rak.* (Starenie i bolezni, svyazannyye s gipofunktsiei gipofizal'nuyu kak osnova gruppa patologii - hormonal'nykh kompensatsii). Leningrad, "Meditsina," 1968. 378 p.
- Dynamics of morphological composition changes in the peripheral blood of rats following inhalation of plutonium-239. N. P. Kuliseva, Radiobiologiya 7 no. 6:825-835 N-D '67.
- Effect of antihistamines on the course of skin diseases caused by Freund-type adjuvant. V. I. Sidorkin, S. I. Kharlamov, Biokh. dokl. i med. 65 no. 5:36-42 My '68.
- Effect of external vaccination on the radiation resistance in mice. L. I. Murav'eva, Biokh. dokl. i med. 65 no. 5:44-48 My '68.
- Effect of isologic cells on the transplanted cells and growth of acute leukemia. I. A. Rovenkii, Vop. onk. 14 no. 3:38-43 '68.
- Effect of lesions of the posterior colliculi on previously elaborated conditioned reflexes. O. A. Gerasimov, Zhur. vyss. nerv. deiat. 10 no. 1:145-147 Jan '68.
- Effect of penicillin on the absorptive function of the reticuloendothelial system in white mice with acute radiation sickness. I. U. S. Melnik, Radiobiologiya 7 no. 6:876-880 N-D '67.
- Effect of phenoloxalazine derivatives on the inflammatory process. V. S. Mitin and others, Uch. zap. inel. form. i khimioter. AMN SSSR 1:167-175 '68.
- Electrophysiological study of the afferent stimulation in some peripheral nerves in rabbits following development of Brown-Pearce carcinoma. K. I. Belyak, G. I. Koshak, Dep. AN URSR, Ser. B 30 no. 4:340-344 Ap '68.
- Endotheliorrhagic cells following arcobolus treatment of carcinoma. V. S. Mitin, Vop. onk. 14 no. 3:55-58 '68.
- Evaluation of the functional state of the adrenal cortex in healthy and rheumatic children. L. I. A. Krymova, Probl. onk. 14 no. 2:111-123 Mr.-Ap '68.
- Evaluation of the reaction of the insular apparatus of the pancreas in experimental acute radiation sickness. A. I. Bakalova, Radiobiologiya 8 no. 2:224-228 Mr.-Ap '68.
- Factor, changing relationship between respiration and glycolysis in tumor cells. O. A. Medvedkina, V. I. Agol, Nauch. dokl. vys. shkoly, biol. i med. 11 no. 5:67-70 '68.
- Formation of antibodies to human growth hormone following its prolonged use in patients with chondroepiphyseal rickets. M. I. Balabokina, N. A. Zarubina, Probl. onk. 14 no. 2:1-5 Mr.-Ap '68.
- Immunocytochemical methods in differential diagnosis of benign and malignant tumors in man. N. A. Kravetski, N. T. Raikina, N. A. Prokhorova, Vest. AMN SSSR 23 no. 6:20-27 '68.
- Hypothyroidism and thyroid glands in radiation sickness caused by internal irradiation. A. V. Tkachov, G. A. Kocheva, Radiobiologiya 7 no. 6:872-875 N-D '67.
- Immunological study of insular antigens in virus leukemia in mice. L. V. Shcherbinina, Vop. onk. 14 no. 3:21-26 '68.
- Is it possible to induce tumor growth in axolotls? K. G. Agapova, B. P. Tokin, Nauch. dokl. vys. shkoly, biol. i med. 11 no. 5:11-16 '68.
- Malignancy of adenomatous tumors of the epididymis. A. G. Boklov, Vop. onk. 14 no. 3:93-98 '68.
- Many years of studying constant cell life of human angiosarcoma in tissue culture. A. M. Eroshkina, Vop. onk. 14 no. 3:43-46 '68.
- Metastatic tumors of the lungs: clinical aspects, diagnosis, surgical and medicinal treatment. L. A. Anisimov and others, Vest. AMN SSSR 23 no. 6:82-90 '68.
- Morphophysiological characteristics of the adrenal glands in white rats exposed to chronic strontium-90 irradiation. T. N. Tuzhikova, V. L. Shvedov, Radiobiologiya 7 no. 6:806-808 N-D '67.
- Neurogenous cervical tumors. I. U. V. Paltiev, R. M. Progo, B. I. Polnikov, Vest. AMN SSSR 23 no. 6:88-96 '68.
- Oncocytes and oncocytoplasms. H. Ilampert, Vop. onk. 14 no. 3:3-7 '68.
- Oncogenic deformability of the reaction of the interrenal gland to irradiation. G. A. Tkacheva, Biokh. dokl. i med. 65 no. 5:100-103 My '68.
- Pathomorphological changes in the organs of white rats under some conditions of the effect of cobalt, tungsten, molybdenum, and the mixture TgKig. O. N. Gurtsev, Trudy SOGMI no. 18:160-178 '67.
- Primary multiple malignant tumors of the breast and female genitalia. L. V. Lygurova, Vop. onk. 14 no. 3:107-109 '68.
- Proliferation of hepatic cells in the focus of aseptic inflammation under various conditions of X-ray irradiation. V. I. Bulakov, Arkh. anat., histol. i emb. 54 no. 5:55-61 My '68.
- Prospects of using Col37 in the therapy of oncological patients. A. I. Rukman and others, Vest. AMN SSSR 23 no. 6:49-53 '68.
- Radiosensitizing effect of halogen substituted thymidine analogs. I. I. Pelovina and others, Izv. AN SSSR, Ser. biol. no. 3:345-352 My-Je '68.
- Rate of neoplasia formation and life span of irradiated animals following the preventive use of S, 2-aminoethyl-1-thiothiourea. S. N. Aleksandrov, K. F. Gelkovskaya, A. V. Iabereva, Vop. onk. 14 no. 3:47-52 '68.
- Role of autooxidation in the genesis of hepatorenal insufficiency in thermal burns. I. K. Korotkina, R. V. Nedoshvina, Biokh. dokl. i med. 65 no. 5:36-41 My '68.
- Role of nerve mechanisms in the increased sensitivity of the hemopoietic barrier to histamine and acetylcholine as affected by X rays in small doses. M. M. Gromakova, Radiobiologiya 7 no. 6:893-899 N-D '67.
- Role of the study of calcium in the serum and urine in myelomatosis during the treatment with chlorothalimides. M. R. I. Ichniier and others, Vest. AMN SSSR 23 no. 6:60-64 '68.
- Role of toxoplasmosis in the etiology of congenital monstrosities based on materials collected in Tomsk. L. I. Tikhonova and others, Trudy Tomsk. univ. 150:161 '65.
- Role of viruses in the origination of tumors. A. D. Timolevskii, Vest. AMN SSSR 23 no. 6:3-11 '68.
- Scientific conference dedicated to experimental and clinical studies of new anticancer antibiotics: rubomycin, olivomycin and brumomycin. T. A. Uspenskaya, Vest. AMN SSSR 23 no. 6:91-94 '68.
- Selective ability of the human and animal organism to radioactive isotopes. I. G. Shakhidzhalian, Radiobiologiya 7 no. 6:850-858 N-D '67.
- Significance of the evaluation of the functional state in the treatment of oncological patients. B. P. Petersen and others, Vest. AMN SSSR 23 no. 6:31-41 '68.
- Strengthening of the ionizing radiation effect by inhibitors. A. G. Aliev and others, Izv. AN SSSR, Ser. med. no. 3:333-341 My-Je '68.
- Surface antigens of gastric cancer cells in man. K. V. Il'in, M. N. Avereva, Vop. onk. 14 no. 3:17-21 '68.
- Trace antigens in the blood and urine of animals injured by irradiation. K. P. Koshkin, I. U. S. Melnik, S. V. Aleksandrov, Radiobiologiya 8 no. 2:253-257 Mr.-Ap '68.
- Tones of arterial vessels in prolonged hypotonia induced by hemorrhage. V. H. Kozlov, Biokh. dokl. i med. 65 no. 5:34-38 My '68.
- Treatment of larynx and posterior esophageal stenosis of the esophagus. A. F. Titov, Trudy SM 18:76-80 '63.

618.00(476)—White Russian S. S. R.

- Achievements and tasks of cancer control in the White Russian S. S. R. N. N. Alekandrov, L. A. Shcherba, Vop. onk. 14 no. 3:100-104 '68.
- 618.089 Surgical, operative technique
- Accumulation of carbon dioxide in anaesthesia apparatus. A. S. Perel'muter, Trudy VNIIMIO no. 3:10-15 '64.
- Acute appendicitis in children. G. M. Slavskaya, I. U. A. Kozlov, Trudy Sar. gos. med. inst. 43:79-88 '64.
- Acute appendicitis in elderly and senile persons. L. I. Skalin, Trudy Sar. gos. med. inst. 43:87-94 '64.
- Acute appendicitis in elderly persons. V. S. Kazanskii, Trudy Sar. gos. med. inst. 43:95-98 '64.
- Anesthesia apparatus N-351. A. S. Perel'muter, I. A. Gurevich, R. L. Korras, Trudy VNIIMIO no. 3:3-8 '64.
- Antagonists of amniotase. B. I. Likhin, Uch. zap. inel. form. i khimioter. AMN SSSR 1:113-128 '68.
- Aortic-dextroventricular fistula in combination with bicuspid valve of the aorta. I. U. F. Neklov, V. A. Karavayev, Radiobiologiya 8 no. 1:116-117 Ja '68.
- Attachable elements to devices for anesthesia and artificial pulmonary ventilation. V. M. Urechev, Trudy VNIIMIO no. 3:17-25 '64.
- Changes in the conditioned reflex activity as a result of removal of visual receptors at early age. G. A. Orazova, Trudy Inst. Med. 12:265-264 '68.
- Complications following surgery for acute appendicitis in elderly and senile patients based on data of four district hospitals in Saratov Province. G. I. Rogachev, Trudy Sar. gos. med. inst. 43:99-102 '64.
- Current problems of acute appendicitis. G. N. Zakharova, Trudy Sar. gos. med. inst. 43:11-26 '64.
- Devices for the examination of gaseous mixtures used in anesthesia and respiration apparatus. R. I. Savchenko, A. I. Voronina, Trudy VNIIMIO no. 3:81-90 '64.
- Diagnosis and treatment of acute appendicitis in pregnant women. L. I. Nolkmark, Trudy Sar. gos. med. inst. 43:73-77 '64.
- Effect of preoperative period and surgical intervention on the function of the thyroid gland. V. R. Slobodskoi, Probl. onk. 14 no. 2:42-45 Mr.-Ap '68.
- Effect of streptanin, corallarin and cyramine on the cardiovascular system in patients with blood circulation insufficiency following surgery on the heart. L. P. Chupik and others, Radiobiologiya 8 no. 4:143-145 Ap '68.
- Effect of synthetic vasopressin on the biosynthesis of corticosteroids and on the content of ascorbic acid in the adrenal glands of hypophysectomized rats. E. R. Bagramian, T. I. Ivanenko, Probl. onk. 14 no. 2:77-82 Mr.-Ap '68.
- Electrolyte and steroid changes in the adrenocortical-cortical phase of the postoperative period. Kh. V. Vasil'ev, S. D. Fedotov, Uch. zap. KVI 98:350-355 '67.
- Endotracheal tubes with variable profile for children. L. A. Kovsharova, Trudy VNIIMIO no. 3:51-53 '64.

- The head is the object of thermal action. A. Cherkashov, Izv. labor. i rate, no. 6:32-34 '68.
- IK-1 apparatus of artificial cough in the prevention and treatment of postoperative atelectasis. F. H. Cherkashovskii, Trudy VNIIMIO no. 3:91-93 '64.
- In the Committee of the Supreme Soviet of the R. S. F. S. R. K. Movshina, Sots. zhurn. 43 no. 5:55 My '68.
- Late sequelae and complications following the wounding of the accessory sinuses of the nose. E. A. Akushkin, Trudy SM 18:80-94 '63.
- Management of reparative regeneration of the liver under the conditions of changed blood flow (normalization of the wound surface) and under the conditions of splenectomy. V. A. Alymov, Uch. zap. GGI no. 3:48-48 '67.
- Method of operation on Pavlov's pouch in rabbits. T. A. Gavrilova, Uch. zap. KVI 98:133-138 '67.
- Methodology of artificial pulmonary ventilation by means of a special adapter for bilateral intubation in dogs in thoracic operations. V. M. Urechev, V. D. Chaynov, I. S. Shvedova, Trudy VNIIMIO no. 3:48-50 '64.
- Parasitosis between circulating antibodies and immunoglobulins and lymphocyte infiltration in nodular enterocolitis before and after surgery. I. S. Shcherbinina, M. I. Kozlov, Probl. onk. 14 no. 2:36-38 Mr.-Ap '68.
- Pelvic abscesses of appendicular origin. I. I. Zhelentov, V. P. Kharinov, Trudy Sar. gos. med. inst. 43:169-175 '64.
- Plastic surgery on the intercostal septum using autopericardium. I. A. Kuznetsov, I. K. Kozlov, Radiobiologiya 8 no. 1:70-73 Ja '64.
- Precaution measurement of chloroform doses by vaporizer, produced by the All-Union Scientific Research Institute of Medical Instruments and Equipment during anesthesia in patients with burns. T. M. Danilina, F. H. Cherkashovskii, Trudy VNIIMIO no. 3:61-64 '61.
- Primary healing of wounds following laryngectomy. G. M. Sviridov, I. A. Akushkin, Trudy SM 18:50-72 '63.
- Prevention of safety in the administration of neostigmine. A. S. Perel'muter, A. A. Cherkashov, Trudy VNIIMIO no. 3:72-78 '64.
- ION-1 volume anesthesia respirator. K. I. Volpert, I. A. Kuznetsov, R. L. Korras, Trudy VNIIMIO no. 3:15-17 '64.
- Results of appendectomy following resection of infarcted and opening of the abscesses. E. A. Akushkin, Trudy Sar. gos. med. inst. 43:101-106 '64.
- Results of the work in the new way, and the unsolved problems. V. A. Shcherbinina, Sots. zhurn. 43 no. 5:42-64 My '68.
- Role of gastrointestinal intubation and ganglionic block in the prevention and treatment of postoperative intestinal paresis in obstructive forms of acute appendicitis. M. P. Vitanik, A. A. Chudakov, Trudy Sar. gos. med. inst. 43:137-143 '64.
- Rubber articles used in anesthesia. V. L. Likhin and others, Trudy VNIIMIO no. 3:25-44 '64.
- Some problems in the tactics of the surgeon in acute appendicitis. G. D. Vilyavin, N. N. Pankin, Trudy Sar. gos. med. inst. 43:63-71 '64.
- Study of the functional organization of ventricular neurite of the posterior colliculi. I. I. Likhin, Zhur. vyss. nerv. deiat. 16 no. 1:120-133 Ja-P '68.
- Study of the state of the vascular system of the liver under normal conditions, during the reconstruction process of experimental cirrhosis and following partial hepatectomy. P. A. Gurevich, I. P. Gurevich, Uch. zap. GGI no. 9:3-8 '67.
- Surgeon's tactics in acute appendicitis. A. I. Berkulov, M. G. Shcherbinina, Trudy Sar. gos. med. inst. 43:3-10 '61.
- Tact of attachable elements during anesthesia in young children. B. R. Prantov, O. D. Kuznetsov, Trudy VNIIMIO no. 3:26-28 '64.
- Topography of the Volkovich-Makosov's oblique Iliac incision in appendicitis. I. U. A. Kozlov, Trudy Sar. gos. med. inst. 43:120-135 '64.
- Treatment of phlegmon in a single session. A. G. Sharogovskii, Trudy SM 10:144-149 '63.
- Use of capron in radical surgery on the ear. M. G. Novikov, Trudy SM 10:143-157 '63.
- Use of mannitol in open heart operations under hypothermic perfusion. M. I. A. Kozlov and others, Radiobiologiya 8 no. 1:78-82 Ap '68.
- Use of meperidine in the surgical clinic preliminary data. S. A. Alekandrov, G. D. Cherkashov, Uch. zap. inel. form. i khimioter. AMN SSSR 1:177-181 '68.
- Use of ION-1 in the clinical practice of hospital surgery in the First Leningrad Medical Institute named after I. P. Strashinov, V. N. Makarkin, Trudy VNIIMIO no. 3:54-57 '64.
- Use of RO-1 in the clinical practice of the Ministry of Public Health of the R. S. F. S. R. Scientific Research Institute of Clinical and Experimental Surgery. Report No. 2. V. S. Giguant and others, Trudy VNIIMIO no. 3:58-60 '64.
- Use of tantalum automatic suture in reactions of gollar. Preliminary report. M. I. Shcherbinina, Probl. onk. 14 no. 2:50-52 Mr.-Ap '68.
- X-ray study of late results of surgical treatment of intervertebral septal defects. I. I. Kuznetsov, N. M. Kuznetsov, I. R. Pankin, Radiobiologiya 8 no. 1:93-97 Ja '68.
- 616.1 Circulatory, cardiovascular and blood diseases
- Acoustic symptomatology of carotid aneurysm. H. P. Kishilevskii, V. I. Gertsin, Radiobiologiya 8 no. 1:12-17 Ja '68.
- Activity of blood plasma onzymes in rats in different types of toxic lesions of the liver. A. A. Pukhovskii and others, Biokh. dokl. i med. 65 no. 5:80-83 My '68.
- Acute myocardial infarction in drug intolerance. A. F. Salanov, Radiobiologiya 8 no. 4:126-129 Ap '68.
- Atakskii kraevol'skiy tomopovoy, 3d. [Problems of cardiology and homology. Materials.] Voprosy kardiologii i gematologii. Materialy. Barnaul, 1967. 187 p. (DNLN).
- Analysis of the causes of lethal complications in acute myocardial infarction. I. E. Gurevina, V. A. Nagornov, T. A. Shcherbinina, Radiobiologiya 8 no. 4:20-28 Ap '68.

- Cardiovascular metabolism in chronic sinusitis. A. G. Zharinov. *Trudy SMI* 18:178-181 '63.
- Case of fibrous osteodystrophy of the maxilla. A. F. Titov. *Trudy SMI* 18:157-158 '63.
- Cases of acute laryngeal edema. V. M. Asmolovskii. *Trudy SMI* 18:73-75 '63.
- Changes in erythrocytes and in the erythrocyte sedimentation reaction in cases of the larynx. V. M. Asmolovskii. *Trudy SMI* 18:166-170 '63.
- Changes in leukocytes in cancer of the larynx. V. M. Asmolovskii. *Trudy SMI* 18:171-172 '63.
- Changes in the factors of the prothrombin complex in sinusitis. D. G. Barakova. *Trudy SOGMI* no. 18:243-251 '67.
- Characteristics and dynamics of pulmonary changes in workers of some workshops of a nonferrous metallurgy plant based on data of X-ray observations. Z. E. Dzukeeva. *Trudy SOGMI* no. 18:179-185 '67.
- Comparative evaluation of some derivations of the electrocardiogram in the diagnosis of myocardial lesions in patients with sinusitis. V. D. Khvorostanov. *Trudy SOGMI* no. 18:261-267 '67.
- Constant polarizing potentials of the brain and skeletal muscle in frogs following deafferentation of the respiratory center. I. D. P. Lapadina. *Uch. zap. Penz. gos. un.* 11 no. 2:140-159 '67.
- Differentiation of the acuteness of bacilli on antibiotics in chronic suppurative otitis. V. M. Asmolovskii. *Trudy SMI* 18:132-134 '61.
- Device for the determination of the residual volume of the lungs and the irregularity of pulmonary ventilation. A. P. Prizko. *Trudy VNIIMIO* no. 3:112-119 '61.
- Diagnosis of diplopia of the nucleus oral cavity. K. V. Lavruva. *Trudy TomNIIVS* 10:97-100 '65.
- Disorders of some functions of the nose and adjacent organs and their compensation following combined lesions of the nose and its accessory sinuses. E. A. Akuskin. *Trudy SMI* 18:81-87 '63.
- Effect of plague bacillus toxin on the activity of respiratory enzymes. V. N. Krugolova. *Izv. Vys. shk. protiv. oboz. inst. Sib. Filiala, Vost.* 25:109-115 '63.
- Esophagofistula and esophagobronchial fistula in malignant tumors of the esophagus and the respiratory tract. D. M. Nagirov. *Vop. onk.* 14 no. 3:40-41 '61.
- Experimental thrombosis of the sigmoid sinus. G. M. Starikov. *Trudy SMI* 18:8-23 '63.
- Fibrinogen content and fibrinolytic activity in the plasma of patients with sinusitis. D. G. Barakova. *Trudy SOGMI* no. 18:251-259 '67.
- K-l apparatus of artificial cough in the prevention and treatment of postoperative atelectasis. E. H. Chernykhovskii. *Trudy VNIIMIO* no. 3:111-113 '61.
- Late sequelae and complications following the wounding of the accessory sinuses of the nose. E. A. Akuskin. *Trudy SMI* 18:88-94 '63.
- Lymphoepithelial tumors of the nasal cavity and the paranasal sinuses of the nose. A. Z. Surguchovskii. *Trudy SMI* 18:117-123 '63.
- Malignant neoplasms of the parathyroid gland. M. G. Novikov. *Trudy SMI* 18:130-134 '63.
- Morphology of adenogenous origin, based on materials of the Saratov Clinic. A. I. Jakusheva. *Trudy SMI* 18:21-25 '63.
- Metastatic tumors of the lungs: clinical aspects, diagnosis, surgical and medicinal treatment. L. A. Ananashov and others. *Vest. AN SSSR* 23 no. 6:2-6 '68.
- Moskva, V. G. [C-reactive protein in some diseases of the respiratory organs]. C-reactive protein bolok pri nekotorikh zabolevaniyakh dykhatel'nykh organov. *Funktsional. Meditsina*, 1968, 122 p. (B-kn prakt. vracha).
- Osteogenic extracranial neoplasms: based on clinical materials assembled during 1948-1960. I. P. Morozov. *Trudy SMI* 18:56-64 '63.
- Osteogenic cerebral aneurysms. M. A. Fedorova. *Trudy SMI* 18:44-47 '63.
- Pneumonia of the nasal cavity. E. A. Akuskin. *Trudy SMI* 18:123-131 '63.
- Place-time lesions of the accessory sinuses of the nose. I. P. Morozov. E. A. Akuskin. *Trudy SMI* 18:95-116 '63.
- Preceptor-prophylactic method in the diagnosis of pulmonary cancer. M. I. Medvedev and others. *Vop. onk.* 14 no. 3:40-47 '68.
- Physiological mechanisms of speech disorders [Fiziolicheskiye mekhanizmy narushenii rechi]. Leningrad, "Nauka," 1967, 208 p.
- Possibility of changing the pattern of immunization against diplopia. L. L. Tadolova and others. *Trudy TomNIIVS* 16:94-98 '65.
- Possible errors in the description of roentgenograms of the accessory sinuses of the nose. Z. A. Lavrushenkova. *Trudy SMI* 18:102-110 '63.
- Practical use of the international X-ray classification of pneumoconiosis of 1958. E. T. Oltasova. *Trudy SOGMI* no. 18:268-276 '67.
- Preparation of gaseous ions in respiratory organs. V. I. Kozlovskiy, A. V. Kliaev. *Trudy VNIIMIO* no. 3:134-138 '64.
- Primary healing of wounds following laryngectomy. G. M. Starikov, E. A. Akuskin. *Trudy SMI* 18:60-72 '63.
- RDV-1 respirator for auxiliary respiration. S. E. Kalandova. *Trudy VNIIMIO* no. 3:104-107 '64.
- Results of distance gamma therapy of pulmonary cancer. A. I. Sirashin, E. M. Sivarsberg. *Vop. onk.* 14 no. 3:115-118 '68.
- Review of the activity of the Smolenok Otorhinolaryngeal Clinic during 12 years (1950-1961). G. M. Starikov. *Trudy SMI* 18:3-7 '63.
- Role of the method of radiogenetic examination in differential diagnosis of tumorous processes of the accessory sinuses of the nose. Z. A. Lavrushenkova. A. I. Jakusheva. *Trudy SMI* 18:111-116 '63.
- Study of gas exchange and cardiac minute volume in thermoregulating polyenes in lambs during early ontogeny. S. I. Umurov. *Trudy Inst. fiziol.* 2:343-347 '68.
- Study of hemodynamics of the lesser circulation by means of basic and differential rheography in patients with chronic respiratory diseases of the lungs. I. U. T. Pashkin and others. *Kardiologiya* 8 no. 4:55-58 Apr '68.
- Study of the reactivity of the system "lungs - thoracic cavity" by means of a modified spiographic method in workers of workshops of powder mill industry. M. N. Chudilov. *Trudy SOGMI* no. 18:187-192 '67.
- Systolic lesions of cardiac ventricles during adaptation to altitude hypoxia. V. I. Kapel'ko and others. *Kardiologiya* 8 no. 11:116-116 Ja '68.
- Treatment of traumatic reticulitis and pericarditis in cattle. V. I. Kozlovskiy. *Tr. zap. Mor. gos. un.* no. 58:37-39 '67.
- Use of capric in radical surgery on the ear. M. G. Nodkov. *Trudy SMI* 18:135-137 '63.
- Use of electroacoustic units for the treatment of children with bronchial asthma and chronic pneumonia. N. A. Thirle, R. P. Marasenko. *Trudy VNIIMIO* no. 1:139-142 '64.
- 616 21471, 328—Mordvin A. S. S. R.
- Experience in the treatment of cell dielycolysis in the Kirovskiy District. I. K. Gorbov, A. P. Machinskii. *Uch. zap. Mor. gos. un.* no. 58:61-63 '67.
- Problems of immunity in dielycolysis in cattle. I. A. Stepanov. *Uch. zap. Mor. gos. un.* no. 58:91-95 '67.
- 6183 Digestive system. Gastroenterology. Deficiency diseases
- Absorption of radioactive phosphorus by the peritoneum in experimental animals. I. U. Zelator. *Uch. zap. KVI* 9:297-293 '67.
- Action of γ -globulin in infectious hepatitis. S. S. Spolarenko, I. I. Ikonov. *Zhurn. mikrobiol., epid. i immun.* 45 no. 5:64-72 My '68.
- Activity of blood plasma enzymes in rats in different types of toxic lesions of the liver. A. A. Pokrovskiy and others. *Biol. eksp. Biol. i med.* 65 no. 5:60-63 My '68.
- Acute appendicitis and mesenteric lymphadenitis. I. K. Rykalin. *Trudy Sar. gos. med. inst.* 11:121-123 '61.
- Acute appendicitis in children. G. M. Slavova, H. A. Kozlov. *Trudy Sar. gos. med. inst.* 43:70-86 '64.
- Acute appendicitis in elderly and acute persons. I. I. Stalim. *Trudy Sar. gos. med. inst.* 43:87-91 '64.
- Acute appendicitis in elderly persons. V. S. Kovarskii. *Trudy Sar. gos. med. inst.* 43:95-101 '64.
- Appendicitis and lymphadenitis. I. T. Fedin. *Trudy Sar. gos. med. inst.* 43:117-120 '64.
- Use of the treatment of chronic sinusitis. A. G. Shanturov. *Trudy SMI* 18:162-166 '63.
- Body temperature in patients with peptic ulcer. M. D. Gil'zhev. *Trudy Kish. gos. med. inst.* 21:64-67 '63.
- Changes in arterial blood pressure in patients with peptic ulcer under the effect of different psychotherapeutic procedures. I. M. Holozova. *Trudy Kish. gos. med. inst.* 21:68-72 '63.
- Changes in the gastrointestinal tract in myocardial infarct. N. P. Karlov, M. F. Gerasimova. *Kardiologiya* 8 no. 15:51-51 Ja '68.
- Changes in the innervation apparatus of the pancreas and origination of diabetes in injury of the ventrogastral fundus in the hyalotamias. A. A. Lazarev, H. S. Chudilov. *Pril. dokl.* 14 no. 3:4-102 My-Apr '68.
- Characteristics of gastric secretory activity following psychomotor excitation in a hypopituitarism. A. H. Morozov. *Trudy Kiz. gos. med. inst.* 21:72-73 '60.
- Characteristics of the course of peptic ulcer in elderly patients. H. K. Koshchey. *Trudy Kish. gos. med. inst.* 21:81-83 '63.
- Clinical aspects and diagnosis of infiltrates and abscesses of appendicular origin. H. A. Ushakov. *Trudy Sar. gos. med. inst.* 43:140-157 '61.
- Clinicopathological diagnosis of atypical forms of Rokitansky disease. O. I. Kuznetsov, E. M. Kozova, L. A. Subbotina. *Trudy TomNIIVS* 16:65-68 '65.
- Cold reception by the skin in patients with chronic tonsillitis. I. M. Kurikova, R. M. Khasanov. *Biol. eksp. Biol. i med.* 65 no. 5:51-53 My '68.
- Comparative cytogenetic study of tumor and non-tumor cells and conditions in man. I. I. Kiskovskaya. *Vop. onk.* 14 no. 3:89-93 '68.
- Comparative data on the effectiveness of a novocaine, cocaine, dibucaine, daine and novocaine suprapleural block in experimental peritonitis. E. H. Shokurov. *Uch. zap. KVI* 9:291-302 '67.
- Comparative evaluation of the methods to determine renal function under experimental conditions. I. P. Ulanov, G. I. Pozharova. *Toke. nov. prom. Kish. veshch.* no. 9:43-50 '67.
- Content of uric acid in the blood serum in diabetes mellitus. V. M. Bolikov. *Probl. endok.* 14 no. 2:10-14 My-Apr '68.
- Current problems of acute appendicitis. G. N. Kakhrova. *Trudy Sar. gos. med. inst.* 43:11-26 '64.
- Cytological study of the mucous membrane of the vermiform process in its inflammation. B. D. Roznikov. *Trudy Sar. gos. med. inst.* 43:113-118 '64.
- Diagnosis and treatment of acute appendicitis in pregnant women. I. F. Neimov. *Trudy Sar. gos. med. inst.* 43:73-77 '64.
- Diagnosis and treatment of gastric sarcoma. H. I. Akhmetov, N. A. Terent'eva. *Vop. onk.* 14 no. 3:112-116 '68.
- Diagnosis of appendicitis in the practice of first aid. I. K. Rykalin, A. G. Kashkov. *Trudy Sar. gos. med. inst.* 43:53-61 '64.
- Differential diagnosis of acute appendicitis and acute inflammation of the adnexa uteri. V. N. Krasanova. *Trudy Sar. gos. med. inst.* 43:103-107 '61.
- Disorders of some functions of the nose and adjacent organs and their compensation following combined wounds of the nose and its accessory sinuses. E. A. Akuskin. *Trudy SMI* 18:81-87 '63.
- Doletskiy, S. I. A. and A. G. Pugachev. [Obstruction of the digestive tract in newborn and infants]. Noprobodimost' plachivartol'nogo trakta u novorozhdennykh i grudnykh detei. [Moskva, "Meditsina," 1958] 308 p.
- Dynamics of urinary excretion of 5-hydroxyindole-3-acetic acid during the development of primary and secondary Kallmann's disease in rats. N. G. Bogdanov. *Biol. eksp. Biol. i med.* 65 no. 5:64-65 My '68.
- Effect of melatonin sleep on the secretory activity of the stomach in dogs under physiological conditions and in experimental gastric ulcer caused by antigens. I. I. Tikhonov. *Trudy Kish. gos. med. inst.* 21:13-22 '63.
- Effect of monophenylisocarbide isocarbide on the activity of glutamine γ -carboxyl transaminase and protein spectrum of the serum. In patients in acute toxic hepatitis. V. H. Aramov. *Probl. endok.* 14 no. 2:103-112 My-Apr '68.
- Effect of novocaine on the development of aliphatic ulcers in dogs. N. T. Starostin. *Trudy Kish. gos. med. inst.* 21:51-60 '63.
- Effect of some medicinal substances on the development of ulcers in dogs. In the stomach and duodenum. V. M. Golubev. *Trudy Kish. gos. med. inst.* 21:53-55 '63.
- Interleukin-like cells following aortocaval treatment of animals. V. I. V. Skolotnikov. *Vop. onk.* 14 no. 3:52-54 '68.
- Esophagofistula and esophagobronchial fistula in malignant tumors of the esophagus and the respiratory tract. D. M. Nagirov. *Vop. onk.* 14 no. 3:40-41 '61.
- Esology and pathologic anatomy of gaspilotral diseases in lambs. L. K. Andreeva, V. K. Nikolov. *Trudy TomNIIVS* 16:101-105 '65.
- The etiology of dyspepsia in children arises from some forms of the stomach. A. S. S. H. I. H. Starostin, I. P. Golubev. *Uch. zap. Mor. gos. un.* no. 58:17-20 '67.
- Functional esophageal state of the large intestine. V. I. Shuk. *Vop. onk.* 14 no. 3:70-75 '65.
- Experience in the treatment of peptic ulcer. N. T. Starostin. *Trudy Kish. gos. med. inst.* 21:26-32 '61.
- Experimental appendicular infestation. B. A. Gerasimov. *Trudy Sar. gos. med. inst.* 13:145-149 '64.
- Food intoxication caused by salmonella gallitum. S. K. Kozlov, M. V. Mikhailova, I. I. Kuznetsov. *Zhurn. mikrobiol., epid. i immun.* 45 no. 5:114-115 My '68.
- Functional state of the gallbladder in salmonella bacteremia. G. P. Kuznetsov, E. Z. Paliak. *Biol. eksp. Biol. i med.* 65 no. 5:49-50 My '68.
- Functional state of the liver in patients with combined dysplastic ulcers and ophthalmic ulcers. V. I. Chernomir. *Trudy TomNIIVS* 16:121-122 '65.
- Function of the thyroid gland in patients with gastric cancer. G. H. Kuznetsov, I. P. Zimin, V. H. Pridak. *Vop. onk.* 14 no. 3:70-74 '65.
- Gastric and duodenal ulcer caused by atypical pathogens and morphology. V. M. Bolikov. *Trudy Kish. gos. med. inst.* 21:11-25 '63.
- Histopathological data on lipid metabolism in colibacillosis. N. M. Tikhonova. *Trudy TomNIIVS* 16:101-109 '65.
- Interruption of the specific structure of the mucous membranes of the stomach in sheep. H. I. Katselina. *Uch. zap. Mor. gos. un.* no. 58:13-13 '67.
- Intestinal secretion and enzymatic activity of the intestinal juice in the blood in dogs following resection of the small intestine. I. U. Koshchey, V. A. Prashin. *Biol. eksp. Biol. i med.* 65 no. 5:47-48 My '68.
- Karvov, V. I. A. [Nerves of the liver and their reacting properties]. Nervi pecheni i ikh reaktsiya svolezha. Kiev, "Nauchna dumka," 1967, 202 p.
- Late results of clinically unconfirmed acute appendicitis. N. A. Tsvetkova. *Trudy Sar. gos. med. inst.* 43:125-127 '64.
- Lebedev, N. M. [Physiology and pathology of the parotid activity of the digestive tract]. Fiziologiya i patologiya parotidnoy aktivnosti pri fiziologicheskikh i patologicheskikh izmeneniyakh funktsii parotidnoy zhlezdy. Leningrad, "Meditsina," 1967, 100 p.
- Localization of acute appendicitis based on data of Saratov hospital. V. T. Itskunovskii. *Trudy Sar. gos. med. inst.* 43:191-194 '64.
- Localization in acute appendicitis based on data of the clinic of hospital surgery. I. I. Mitelskii. *Trudy Sar. gos. med. inst.* 43:195-199 '64.
- Management of reparative regeneration of the liver under the conditions of changed blood concentration of the wound surface and under the conditions of ulceration. V. A. Alymov. *Uch. zap. GOMI* no. 93:46-48 '67.
- Minerals on epidemiological geography of infectious hepatitis in the U.S.S.R. H. I. H. Cherkasskiy and others. *Zhurn. mikrobiol., epid. i immun.* 45 no. 5:112-117 My '68.
- Microflora of the vermiform process in acute appendicitis. H. I. Nikulina, K. I. Myshkin. *Trudy Sar. gos. med. inst.* 43:19-42 '64.
- Morgenstern, A. Z. [Aetiology of the esophagus]. Aetiology plachivartol'nogo trakta. Pod red. S. A. Reinberga. Moskva, "Meditsina," 1968, 160 p.
- Nosography of acute intestinal diseases in the U.S.S.R. H. I. H. Cherkasskiy. *Zhurn. mikrobiol., epid. i immun.* 45 no. 5:102-110 My '68.
- Pathogenesis of lesions of the nervous system in diabetes mellitus. V. M. Priklonov. *Probl. endok.* 14 no. 2:14-18 My-Apr '68.
- Pathological study of colibacillosis in children. N. M. Tikhonova, V. K. Nikolov. *Trudy TomNIIVS* 16:101-110 '65.
- Pathomorphology of peptic ulcer. V. F. Pavlenko. *Trudy Kish. gos. med. inst.* 21:9-15 '63.
- Pelvic abscesses of appendicular origin. I. I. Zhadenov, V. P. Khramov. *Trudy Sar. gos. med. inst.* 13:100-175 '64.
- Proliferation of hepatic cells in the focus of aseptic inflammation under various conditions of X-ray irradiation. V. I. Bulgak. *Arkh. anat., gis. i emb.* 54 no. 5:55-61 My '68.
- Rectal use of novocaine in patients with chronic colitis. A. I. Hutari. *Trudy Kish. gos. med. inst.* 21:77-80 '63.
- Role of antioxiolation in the genesis of hepatocellular insufficiency in thermal burns. I. K. Korotkiy, H. V. Nedoshivina. *Biol. eksp. Biol. i med.* 65 no. 5:38-41 My '68.

616.3 (Continued)

- Role of gastrointestinal inhibition and ganglionic block in the prevention and treatment of postoperative intestinal paresis in destructive forms of acute appendicitis. M. P. Vityazskii, A. A. Chirukov. *Trudy Sar. gos. med. inst.*, 43:137-143 '64.
- Sensitivity of intracranial anastomosis in antibiotics in acute appendicitis. L. S. Popov. *Trudy Sar. gos. med. inst.*, 43:43-45 '64.
- Significance of the hormonal factor in the pathogenesis of acute appendicitis. K. I. Myshkin. *Trudy Sar. gos. med. inst.*, 43:47-51 '64.
- Some biochemical indices of the functional state of the liver during strychnine/diastasis in mental patients. N. N. Petrova. *Trudy TomNIIVS* 16:131-136 '65.
- Some data on changes in aldolase activity in Botkin's disease. M. Kh. Akchurina, E. A. Peshkova. *Trudy TomNIIVS*, 15:73-75 '65.
- Some indices of amino acid metabolism in the myocardium of animals with atherosclerosis. L. N. Dargava. *Probl. endok.*, 14 no. 2:103-105 Mr-Apr '68.
- Some problems in the tactics of the surgeon in acute appendicitis. G. D. Villavay, N. N. Fomin. *Trudy Sar. gos. med. inst.*, 43:63-71 '64.
- Some problems of the pathogenesis and clinical aspects of peptic ulcer. N. T. Starostenko. *Trudy Kish. gos. med. inst.*, 21:3-5 '64.
- State of digestive organs in workers of two workshops in powder metallurgy. G. G. Klyagava. *Trudy SOGM* no. 16:151-203 '67.
- Study of the reparative regeneration of the liver and pancreas in different forms of experimental pathology. B. P. Solovayev and others. *Uch. zap. GGI* no. 93:16-26 '61.
- Study of the state of the vascular system of the liver under normal conditions, during the resection of the process of experimental cholelithiasis and following partial hepatectomy. P. A. Gantava, L. F. Kolpakova. *Uch. zap. GGI* no. 93:3-9 '67.
- Surface antigens of gastric cancer cells in man. K. V. Il'in, M. N. Averkin. *Vop. onk.*, 14 no. 3:17-21 '68.
- Surgical tactics in acute appendicitis. A. I. Lichukov, M. G. Shiralov. *Trudy Sar. gos. med. inst.*, 43:1-10 '64.
- Surgical treatment of cystitis in the jaws. A. G. Slargorodskii. *Trudy SM* 16:150-155 '63.
- Topography of the Nodulovir, the nodular nodules of the infection in lymphadenitis. I. A. Barinov. *Trudy Sar. gos. med. inst.*, 43:126-135 '61.
- Transfusion of blood substitutes in Botkin's disease. E. M. Kozlov, Z. M. Chirvovaya, M. A. Peshkova. *Trudy TomNIIVS* 16:99-102 '65.
- Treatment of appendicitis with intravenous infusion of rovequin and antibiotics. A. N. Utkin. *Trudy Sar. gos. med. inst.*, 43:151-160 '64.
- Treatment of larynx and posterior electrical stenosis of the esophagus. A. F. Titov. *Trudy SM* 18:79-80 '63.
- Treatment of perforation of appendicular origin with intraperitoneal introduction of antibiotics. V. V. Vasil'eva. *Trudy Sar. gos. med. inst.*, 43:177-179 '64.
- Treatment of pulpitis in a single session. A. G. Shargorodskii. *Trudy SM* 18:144-145 '63.
- Use of novocaine for therapeutic purposes in the introduction in the initial area of the jaw in chronic parodontitis. R. K. Koshchug. *Trudy Kish. gos. med. inst.*, 21:63-76 '64.
- X-ray examination of patients with peptic ulcer following compound treatment. K. M. Salita. *Trudy Kish. gos. med. inst.*, 21:33-37 '63.

616.3(471.343)—Mari A. S. S. R.

- Planned use of y-globulin for the prevention of infectious hepatitis in the Mari A. S. S. R. G. V. Tyshchuk. *Zh. mikrobiol., epid. i immun.*, 45 no. 5:138-140 '68.

616.3(471.44)—Saratov Province

- Complications following surgery for acute appendicitis in elderly and senile patients based on data of four district hospitals in Saratov Province. G. I. Rogachev. *Trudy Sar. gos. med. inst.*, 43:104-107 '61.

616.3(571.16)—Tomsk Province

- Further observations on epidemiology of Botkin's disease in Tomsk. G. C. Kudrinskaya, A. V. Pellina. *Trudy TomNIIVS* 16:90-94 '65.
- Majority on sporadic salmonellosis in Tomsk. L. K. Avdeeva and others. *Trudy TomNIIVS* 16:115-118 '65.

616.314 Tech. Dentistry. Odontology

616.314(471.333)—Smolensk Province

- Distribution of dental caries among children of a number of cities and populated places of Smolensk Province. A. G. Slargorodskii, V. I. Rakitskii. *Trudy SM* 18:138-143 '63.

616.4 Hemopoietic, lymphatic, endocrine systems

- Aeromagnetically in children. M. A. Zhukovskii, M. I. Bala-boikin. *Probl. endok.*, 14 no. 2:5-10 Mr-Apr '68.
- Acute appendicitis and mesenteric lymphadenitis. I. K. Rykalin. *Trudy Sar. gos. med. inst.*, 43:121-123 '64.
- Bioelectric activity of the brain in hormonally active tumors of the adrenal cortex (corticosteromas). A. K. Dorzhanskaya, V. I. Kerimov. *Probl. endok.*, 14 no. 2:23-31 Mr-Apr '68.
- Blood serum β -lipoproteins in diseases of the thyroid gland. U. F. Shukhat. *Probl. endok.*, 14 no. 2:52-54 Mr-Apr '68.
- Changes in the thyroid gland under the effect of some fluorochlorohydrocarbons, experimental study. T. K. Nikitenko, T. A. Kochetkova. *Toks. nov. prom. khim. veshch.*, no. 9:175-182 '67.
- Changes in thyroid activity during the process of development of tumors of the mammary glands induced by DMBA in rats. R. M. Akimova, N. M. Tsvetkov. *Vop. onk.*, 14 no. 3:26-31 '68.

- Diagnosis of malignant tumors of the parotid gland by sialography. N. I. Rybakova, A. I. Polesin, I. F. Fuzalov. *Vest. AMN SSSR*, 23 no. 6:42-44 '68.
- Differential diagnosis of acute parotitis and acute appendicitis. G. N. Kharov. *Trudy Sar. gos. med. inst.*, 43:104-112 '64.
- Dissection of some indices of the functional state of the adrenal cortex in stereotaxic lesions of the mammillary nuclei of the hypothalamus. I. A. Eskin, E. V. Mikhaleva. *Probl. endok.*, 14 no. 2:63-66 Mr-Apr '68.
- Effect of methylandrostenedione (mestron) on the activity of glutamate-pyruvate acid transaminase and protein structure of the serum in rabbits in acute toxic hepatitis. V. N. Artyukov. *Probl. endok.*, 14 no. 2:108-112 Mr-Apr '68.
- Effect of preoperative period and surgical intervention on the function of the thyroid gland. V. R. Slodkovskii. *Probl. endok.*, 14 no. 2:42-46 Mr-Apr '68.
- Effect of the function of the thyroid gland on the sensitivity of white rats to plague infection. G. G. Loshakov, Izv. Irk. gos. Univ. *Probl. endok.*, 14 no. 2:146-148-150 '63.
- Electrolyte and steroid changes in the adrenocortical-cold phase of the postoperative period. K. I. Vasil'ev, S. D. Futorov. *Uch. zap. KVI* 98:350-351 '63.
- Electrolyte metabolism in toxic goiter following treatment with radioactive iodine. V. V. Trusev, V. V. Pavlovskii. *Probl. endok.*, 14 no. 2:32-34 Mr-Apr '68.
- Formation of antibodies to human growth hormone (hormone) in patients with cerebellar hypoplasia. M. I. Babitskii, N. A. Zaslavskaya. *Probl. endok.*, 14 no. 2:1-5 Mr-Apr '68.

- Function of the thyroid gland in patients with gastric cancer. G. R. Khachaturov, I. F. Zilman, V. Kh. Frankel. *Vop. onk.*, 14 no. 3:70-74 '68.
- [Fundamentals of endocrinology. Ovary endocrinology. Pod red. M. M. Denzina i M. P. Merzhasnaga. (2-o izd., 1-ya i 2-ya dop.) Mosk., "Medgiz", 1967. 480 p.
- Further research of the aggressive changes of the thyroid gland: experimental study. A. I. Nikolov, E. P. Artyukov. *Probl. endok.*, 14 no. 2:82-85 Mr-Apr '68.
- Hypomonozytosis of recurrentes and metastases in compound treatment of breast cancer. E. G. Vasil'eva. *Vop. onk.*, 14 no. 3:74-79 '68.
- Malignant neoplasms of the parotid gland. M. G. Novikov. *Trudy SM* 16:156-161 '63.
- Parathyroid hyperplasia and hyperparathyroidism in the thyroid gland. I. S. Serebrennikov, M. R. Zaporozhskii. *Probl. endok.*, 14 no. 2:36-38 Mr-Apr '68.
- Reactions of thyroid epithelium to thyrostatic hormone of the hypophysis in the development of pre-neoplastic changes in the thyroid gland in rats. G. P. Savitskii. *Vop. onk.*, 14 no. 3:32-34 '68.
- Serotonin metabolism in diffuse toxic goiter. L. D. Stollow, G. A. Shapiro. *Probl. endok.*, 14 no. 2:47-50 Mr-Apr '68.
- State of the coronary arteries in isosko-Cushing disease. I. S. Zingerman, E. I. Kalashnik. *Probl. endok.*, 14 no. 2:50-61 Mr-Apr '68.
- Thyroid autoimmunity in lymphadenitis (Haller's disease). R. V. Alekshin, E. S. Tsach. *Probl. endok.*, 14 no. 2:31-35 Mr-Apr '68.
- Thyroid autoimmunity in the thyroiditis. V. S. Tsvetkov, M. G. Tsarkovskaya, A. S. Broslavskii. *Probl. endok.*, 14 no. 2:61-62 Mr-Apr '68.
- Two observations of acute hyperparathyroidism. V. N. Tsvetkov. *Probl. endok.*, 14 no. 2:55-60 Mr-Apr '68.
- Use of laminar automatic culture in reactions of goiter. Preliminary report. M. I. Shalash. *Probl. endok.*, 14 no. 2:50-52 Mr-Apr '68.

616.4(471.320)—Mordvin A. S. S. R.

- Surgical treatment of goiter. I. I. Klyuev. *Uch. zap. Sar. gos. med. inst.*, 43:163-167 '67.

616.5 Dermatology

- Malignization of blue nevi. Z. V. Gelfert, H. P. Pavlov. *Vop. onk.*, 14 no. 3:56-60 '68.
- Relation of erythema migrans (erythema) to tick-borne encephalitis. B. P. Borzhok. *Trudy TomNIIVS* 16:41-45 '68.
- Skin cancer origin in the region formerly exposed to radiation effect. S. I. Alekseeva. *Vest. AMN SSSR*, 23 no. 6:70-72 '68.
- Some data on occupational dermatoses at petroleum refining enterprises. T. S. Bravoch. *Trudy SOGM* no. 18:267-261 '67.
- Treatment of complications on the skin following vaccination against smallpox. N. V. Bolshov. *Trudy TomNIIVS* 16:376-378 '65.
- Treatment of skin cancer under conditions of the oncological consultation room. H. S. Vukich. *Vop. onk.*, 14 no. 3:105-107 '68.

616.6 Urology

- Advantages of the castration of stallions in a standing position. A. S. Kashin. *Veterinariia*, 45 no. 6:67-70 '68.
- Antishevel' A. TS. [Glycoproteins of the blood serum and urine. (Biochemistry, physiology and pathology). Glikoproteidy syrovotki krvi i mochi. (Biokhimiia, fiziologiya i patologiya). Moskva, "Meditsina", 1968. 228 p.
- Change in acid phosphatase activity in liver epithelium lysosomes under the effect of different doses of X-ray irradiation. G. S. Titova. *Uch. zap. KVI* 98:228-233 '67.
- Changes in kidney cells of swine embryo as a result of cooling and freezing. H. V. Gorokh. *Uch. zap. KVI* 98:265-270 '67.
- Cholesterol level in blood serum and excretion of bile acids in rabbits depending on the degree and duration of functional stress of the nervous system. G. P. Troshchikova. *Kardiologiya* 8 no. 4:48-54 Ap '68.

- Dynamics of urinary excretion of 5-hydroxyindole-3-acetic acid during the development of primary and secondary R-vitaminosis in rats. N. G. Bogdanov. *Biol. eksp. i med.*, 45 no. 5:61-65 May '68.
- Experiments in specific diagnosis of hemorrhagic fever with the renal syndrome. L. A. Vereta and others. *Zh. mikrobiol., epid. i immun.*, 45 no. 5:1-8 May '68.
- Malignization of adenomatous tumors of the epididymis. A. G. Buhkov. *Vop. onk.*, 14 no. 3:63-64 '68.
- Materials for the study of the creatine index in the urine of children with poliomyelitis. Z. M. Zemlakova. *Trudy TomNIIVS* 16:51-54 '65.
- Morbidity of young pigs from renal dysplasia. N. P. Rakhvalov. *Mikroclim. v. sub.*, no. 5:102-105 '67.
- Pathogenesis of porphyria in lead poisoning. A. A. Kubatov. *Trudy SOGM* no. 18:77-78 '67.
- Role of the study of calcium in the serum and urine in myelomatosis during the treatment with chlorophyllin. M. R. Lichner and others. *Vest. AMN SSSR*, 23 no. 6:60-64 '68.

616.6(471.328)—Mordvin A. S. S. R.

- Compound treatment of renal tuberculosis. V. P. Klyuev. *Uch. zap. Sar. gos. med. inst.*, 43:163-167 '67.
- Use of streptococcal vaccine (Capella virus pastoris I.) in renal tuberculosis: from the practice of the urological section of the Republican Hospital. I. I. Gulyshnikov, P. P. Gulyshnikov. *Uch. zap. Sar. gos. med. inst.*, 43:173-174 '67.
- 616.7 Diseases of the locomotor (skeletal) system. Aeromagnetically in children. M. A. Zhukovskii, M. I. Bala-boikin. *Probl. endok.*, 14 no. 2:5-10 Mr-Apr '68.
- Case of fibrous osteosarcoma of the maxilla. A. F. Titov. *Trudy SM* 18:157-158 '63.
- Changes in the skeletal lines of chicks and hens following radioactive anionium poisoning. V. A. Krasnik. *Uch. zap. KVI* 98:240-241 '67.
- Comparative X-ray data on changes in the bones of the hand in work involving vibrations and in some other occupations. Report No. 2. K. Tsalagov. *Trudy SOGM* no. 18:277-281 '67.
- Reliability evaluation in malocclusion fractures. I. I. Ostrova. *Sov. mirop.*, 43 no. 3:40-41 May '68.
- Effect of supplementary mineral feeding on weak young pigs and those with rachitis. I. D. Kuznetsov. *Uch. zap. Sar. gos. med. inst.*, 43:173-174 '67.
- Intraarterial complications in myeloid mastoiditis. A. P. Morgenshtern. *Trudy SM* 18:10-11 '63.

- Morgenshtern, A. P. [Adenoma of the esophagus]. Adenoma zheludka i esofagosa. Pod red. S. A. Lavrenko. Moskva, "Meditsina", 1966. 100 p.
- Morphogenesis of articular cartilage in the first of the extremities in dogs under normal conditions and in experimental disorders of their function. I. A. Velyskii. *Arkh. anat., hist. i emb.*, 54 no. 5:3-13 May '68.
- Muscular tonus (the third form of blood circulation) in the acute period of myocardial infarction. K. K. Kondlov. *Kardiologiya* 8 no. 1:111-112 Ja '68.
- Surgical treatment of cystitis in the jaws. A. G. Slargorodskii. *Trudy SM* 16:150-155 '63.

616.7(471.328)—Mordvin A. S. S. R.

- Inclusion of phosphorus in bone tissue depending on different methods of P^{32} introduction. N. I. Sarychev. *Uch. zap. Sar. gos. med. inst.*, 43:173-174 '67.

- 616.8 Neurology. Neuro- and psychopathology. Activity of succinylcholine and alkaline phosphatase in experimental corneal mycoses. R. A. Aravitskii. *Biol. eksp. i med.*, 45 no. 5:114-118 May '68.

- Alimentary and defensive reactions in lower monkeys following lesions of the gyrus cinguli. N. I. Lagutina, A. A. Fufacheva. *Zh. vyz. nerv. dist.*, 18 no. 1:76-82 Ja '68.
- Bioelectric activity of the brain in hormonally active tumors of the adrenal cortex (corticosteromas). A. K. Dorzhanskaya, V. I. Kerimov. *Probl. endok.*, 14 no. 2:23-31 Mr-Apr '68.

- Dilnikov, S. M., and N. A. Smirnov. [Displacements and deformations of the brain. Morphology and clinical aspects]. Smeshcheniia i deformatsii golovnogo mozga. Morfologiya i klinika. Leningrad, "Meditsina", 1967. 203 p.

- Case of epilepsy treated with rattlesnake venom. F. A. Ishmaev. *Trudy Kaz. gos. med. inst.*, 21:183-181 '61.

- Causes of death in epilepsy and some delirations of epilepsy. I. D. Birger. *Trudy Kaz. gos. med. inst.*, 21:108-121 '60.

- Changes in the muscular apparatus of the pancreas and origin of fibrosis in injury of the ventromedial nuclei of the hypothalamus. I. A. Lazarev, R. S. Gelfert. *Probl. endok.*, 14 no. 2:68-102 Mr-Apr '68.

- Characteristics of the restoration of the motor function following deafferentation of the extremities in dogs during ontogeny. A. T. Khudorozhova. *Trudy Inst. fiziol.*, 12:308-320 '68.

- Cholesterol level in blood serum and excretion of bile acids in rabbits depending on the degree and duration of functional stress of the nervous system. G. P. Troshchikova. *Kardiologiya* 8 no. 4:48-54 Ap '68.

- Clinical aspects of residual manifestations of acute meningitis of enterovirus etiology. L. A. Lubotina. *Trudy TomNIIVS* 16:85-90 '65.

- Comparative electroencephalographic data on patients with epilepsy and schizophrenia. G. O. Zubalova, E. S. Skoukovich. *Trudy Kaz. gos. med. inst.*, 21:107-107 '66.

- [Consciousness. Materials of a discussion on problems of consciousness at a symposium held on June 1-3, 1968 in Moscow] Soznanie. Materialy obshchenniya problem soznaniya na simpoziume, sostoyavshemsi 1-3 iyunia 1968 g. v Moskve. Pod red. V. M. Barshechikova i dr. Moskva, 1967. 357 p.
- Delirious forms of alcoholic psychoses. V. A. Vasiliev. Trudy Kaz. gos. med. inst. 21:145-155 '68.
- Experience in the use of mepazine and aminepine in the psychiatric clinic. G. K. Tarasov. Uch. zap. inst. farm. i khimioter. AMN SSSR 1:163-166 '58.
- Involuntary psychoses with schiziform symptomatology and late schizophrasia. D. M. Mendelevich. Trudy Kaz. gos. med. inst. 21:83-101 '66.
- The Kazan period of Professor N. M. Popova's work. V. P. Andreev, I. S. Bolotovskii. Trudy Kaz. gos. med. inst. 21:156-164 '66.
- One hundred years of the Kazan Department of Psychiatry. V. P. Andreev, I. S. Bolotovskii. Trudy Kaz. gos. med. inst. 21:6-37 '68.
- Psychiatry of reactive states. A. S. Iakovleva. Trudy Kaz. gos. med. inst. 21:178-182 '66.
- Role of psychotherapy in supporting treatment of schizophrenia. I. U. G. Shapiro. Trudy Kaz. gos. med. inst. 21:171-177 '66.
- [Schizophrenia. (Clinical aspects, pathophysiology, therapy). Materials of a conference dedicated to the 80th anniversary of the Clinic named after S. S. Korsakov. (1887-1967)] Shizofreniya. (Klinika, patofiziologiya, terapiya). Materialy konferentsii, posvyashch. 80-letiiu Kliniki im. S. S. Korsakova. (1887-1967). Mat. i tez. 1969 g. Moskva, 1968. 140 p.
- Schizophrasia in adolescence. S. A. Gusevich. Trudy Kaz. gos. med. inst. 21:71-79 '68.
- Scientific, pedagogic, medical, and civic activity of M. P. Andreev. V. P. Andreev. Trudy Kaz. gos. med. inst. 21:36-46 '66.
- Some notes on psychopathological aspects in forensic psychiatry. V. P. Andreev. Trudy Kaz. gos. med. inst. 21:199-203 '66.
- Study of speech in oligophrenia. Report No. 1. A. B. Ostrova. Trudy Kaz. gos. med. inst. 21:132-145 '66.
- Treatment and occupational therapy are the main things. S. A. Gusevich. Trudy Kaz. gos. med. inst. 21:77-82 '66.
- A variation of presenile psychosis: late paraparesis. E. M. Migulovskaya. Trudy Kaz. gos. med. inst. 21:77-82 '66.
- 618.89(471.41)—Tatar A. S. S. R.
- Psychiatric data of the census of mental patients in Kazan A. S. Borisova. Trudy Kaz. gos. med. inst. 21:101-108 '68.
- 610.9 Infectious diseases
- Abstracts. S. A. Parus and others. Zhur. mikrobiol., epid. i immun. 45 no. 5:145-146 My '68.
- Achievements of voluntary arachnoidocytology and future tasks. S. N. Nikol'skii. Veterinariia 45 no. 6:43-45 Fe '68.
- Allergic reactions in patients vaccinated against tick-borne encephalitis. L. M. Khristina, A. A. Stokrovskii. Trudy TomNIIVS 16:285-290 '65.
- Changes in the phagocytic activity of leucocytes during the process of immunization in antipneumonia vaccination. G. I. Borovskii. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 26:151-156 '63.
- Changes in the sensitivity to *Listeria* infection in white mice subjected to the effect of a magnetic field. I. N. Oul'tayev. Trudy TomNIIVS 16:234-238 '65.
- Characteristics of specific gamma globulin against tick-borne encephalitis in different immunity reactions. S. P. Karpov, I. U. V. Fedorov, A. A. Solozovna. Trudy TomNIIVS 16:267-268 '65.
- Characteristics of the pathogenic properties of the brucella pathogen in caribou. Report No. 1. V. S. Kolesnik, A. E. Pliginskii. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 26:150-158 '63.
- Comparative study of properties characterizing pathogenicity of *Enterococci*. A. P. Koltun, Zhur. mikrobiol., epid. i immun. 46 no. 5:122-126 My '68.
- Content of VI-antibodies and 7S-VI-antibodies in the blood serum of patients with typhoid fever treated with VI-antigen and levomycesin. L. I. Sukhoroslavova, K. P. Andreeva. Zhur. mikrobiol., epid. i immun. 45 no. 5:83-87 My '68.
- Correlation of the serological indices of immunity and allergy reaction in tick-borne encephalitis. V. S. Nesterov, A. A. Stokrovskii. Trudy TomNIIVS 16:247-261 '65.
- D. K. Zabolotny's discovery of natural foci of plague. V. A. Krominskii. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:5-10 '61.
- D. K. Zabolotny's theory on plague and the present-day knowledge on its natural foci. V. N. Fedorov. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:11-16 '63.
- Dacryocystitis of the lacrimal gland of *Escherichia coli* with extracts from guinea pig kidneys in the presence of plague bacillus toxin. L. V. Domaradskii and others. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:391-398 '63.
- Diagnosis and treatment of trichomoniasis in bulls. A. A. Ostrovskii, K. I. Zladovets. Veterinariia 45 no. 8:72-81 Fe '68.
- Diagnosis of diphtheria of the mucous oral cavity. K. V. Lavrova. Trudy TomNIIVS 16:87-100 '65.
- Effect of dry chick yolk on the sensitivity of white mice to infection with plague. L. A. Timofeeva. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:52-57 '63.
- Effect of pediatric diseases on the physical development of children. V. P. Smolenskiy. Trudy TomNIIVS 16:178-181 '65.
- Effect of phenylhydrazine anemia in white mice on their sensitivity to plague infection. G. G. Korobkov. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:144-147 '63.
- Effect of plague bacillus toxin on the activity of respiratory enzymes. V. N. Krupnina. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 26:109-115 '63.
- Effect of some physical factors on immunogenesis. Report No. 1. Effect of ionizing radiation and alternating magnetic field on the hemagglutinins. N. V. Vasiliev and others. Trudy TomNIIVS 16:222-227 '65.
- Effect of some physical factors on immunogenesis. Report No. 2. Effect of magnetic field and ionizing on vascular immunity in tick-borne encephalitis. N. V. Vasiliev, G. P. Gargayev, O. A. Vasilieva. Trudy TomNIIVS 16:228-233 '65.
- Effect of the function of the thyroid gland on the sensitivity of white rats to plague infection. G. O. Lobovskii. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:146-150 '63.
- Effect of the plague bacillus toxin on the metabolism of pyruvic acid. Z. I. Vasilieva, L. V. Domaradskii. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:101-105 '63.
- Elimination of infectious diseases. V. I. Anisimov. Zhur. mikrobiol., epid. i immun. 45 no. 5:118-122 My '68.
- Etiology and pathological anatomy of gastrointestinal diseases in infants. I. K. Avdeeva, V. K. Nedorozova. Trudy TomNIIVS 16:101-105 '65.
- Experience in farm sanitation against helminthiases. G. N. Grigorov, G. P. Kuznetsova. Veterinariia 45 no. 6:46-48 Fe '68.
- Experience in industrial production of gamma globulin against tick-borne encephalitis. Report No. 2. N. R. Iakovleva, A. I. Devina. Trudy TomNIIVS 16:270-272 '65.
- Experience in the control of carp phyllostomiasis. A. P. Kozlovskii, I. U. K. Zaslavskii. Veterinariia 45 no. 6:50-52 Fe '68.
- Experimental infection in immune and nonimmune mice caused by a sublethal dose of *Staphylococcus aureus*. A. K. Akimov, V. M. Prakhov. Zhur. mikrobiol., epid. i immun. 45 no. 5:126-130 My '68.
- Experimental study of phagocytic reaction in immunization with pertussis-diphtheria-tetanus vaccine. Trudy TomNIIVS 16:211-216 '65.
- Fennel, an effective antihelminthic against duck cestodiasis and trematodiasis. B. I. Garkavii, V. Sh. Poluevskii. Veterinariia 45 no. 6:48-49 Fe '68.
- Flood infection caused by *Salmonella gallinarum*. S. Kh. Kopylov, K. V. Mikhailova, L. I. Kudryavtseva. Zhur. mikrobiol., epid. i immun. 45 no. 5:134-135 My '68.
- Functional state of the gallbladder in *Salmonella* bacterial carriers. G. P. Kondratenko, K. Z. Poliak. Zhur. mikrobiol., epid. i immun. 45 no. 5:49-58 My '68.
- Functional state of the liver in patients with combined diphylobotriasis and epistomiasis. V. I. Chornova. Trudy TomNIIVS 16:120-132 '65.
- Humoral shifts in experimental animals following their immunization with pertussis-diphtheria-tetanus vaccine. L. I. Koltun, A. A. Stokrovskii. Trudy TomNIIVS 16:203-210 '65.
- Humolytic properties of dried plague bacilli. V. V. Tkachenko, V. A. Krol'ova. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 26:120-122 '63.
- Humolytic properties of the plague bacillus lipids. V. V. Tkachenko, L. V. Domaradskii. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 26:129-134 '63.
- Isotachometric data on lipid metabolism in colibacilliosis. M. M. Tikhonova. Trudy TomNIIVS 16:100-100 '65.
- Improvement of technology of elimination drying of manganic acid. L. M. Prilutskaya, M. A. Tycheva. Trudy TomNIIVS 16:313-317 '65.
- Indirect fluorescent antibody technique for the diagnosis of toxoplasmosis. S. S. Zakharovskii. Zhur. mikrobiol., epid. i immun. 45 no. 5:143-144 My '68.
- Industrial obtaining and control of tick-borne encephalitis antigen. A. A. Stokrovskii, O. I. Vasilieva, V. G. Mekhannikov. Trudy TomNIIVS 16:281-288 '65.
- Inhibitory reaction of complement fixation in Asian tick-borne encephalitis. I. U. V. Mironchuk, I. P. Litvinenko. Zhur. mikrobiol., epid. i immun. 45 no. 5:137-138 My '68.
- Irkutsk nauchno-issledovatel'skii institut epidemiologii i mikrobiologii. [Materials of the Scientific Conference of the Irkutsk Scientific and Research Institute of Epidemiology and Microbiology] Materialy nauchno-kongressnogo simpoziuma. Irkutsk, Vostochno-Sibirskoe kn. izd., 1967. 170 p.
- L. A. Tarasov and the development of Soviet epidemiology: on the centennial of his birth. L. N. Lavrova. Zhur. mikrobiol., epid. i immun. 45 no. 5:147-149 My '68.
- Lactase activity of plague and tularemia bacilli. I. V. Domaradskii, V. I. Rykova, V. V. Tkachenko. Izv. Irk. gos. protivochum. inst. Sib. Dal'n. Vost. 25:88-100 '63.
- Morphological changes in the receptor apparatus of the intestine wall following acaudal diphtheria intoxication. I. A. Edol'shteyn, I. U. V. Vasilieva, K. K. Ivanov. Voisl AN SSSR. Ser. biol. nav. no. 4:83-87 '67.
- Natural foci of toxoplasmosis. D. N. Zaslavskii. Trudy TomNIIVS 16:141-144 '65.
- [Pathogenic microorganisms. A textbook] Patogennyye mikroorganizmy. Ucheb. rukovodstvo. Pod red. V. P. Mironova. Moskva, Izd. Mosk. un-ta, 1967. 280 p.
- Pathobiological study of colibacilliosis in children. N. M. Tikhonova, V. K. Nedorozova. Trudy TomNIIVS 16:110-114 '65.
- Possibility of changing the pattern of immunization against diphtheria. L. I. Tadoushova and others. Trudy TomNIIVS 16:84-88 '65.
- Present-day aspects of the epidemiology of typhoid fever. I. E. Koboleva, I. U. V. Sukhodolnikov. Zhur. mikrobiol., epid. i immun. 45 no. 6:92-95 My '68.

616.9 (Continued)

Present-day state of the laboratory methods in diagnosis of toxoplasmosis. D. N. Zaslavskii, L. I. Gracheva. *Trudy TomNIIVS* 16:145-153 '65.

Problems of epidemiological geography. Report No. 2: Formation and structure of mesological areas of zoonotic processes. L. I. Likin, V. K. Gaskal'. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:105-102 May '66.

Results of the work of the university scientific conference dedicated to the 10th birthday of Professor I. G. Ioff, L. A. Maraplets. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:153-156 May '66.

Role of digestive juices as factors in the nonspecific protection of the organism against infections. V. I. Lyssol, E. I. Pustov. *Uch. zap. Kaz. univ.* 9:113-120 '65.

Role of oxidation-reduction processes in the formation of acquired specific immunity. Report No. 3: Effect of some inhibitors of carboxylate metabolism, their re-oxidation and disaccharide polymers on the formation of leucophilic hemagglutination. N. V. Vasil'ev, A. M. Shil'nberg, A. L. Biletskaya. *Trudy TomNIIVS* 16:217-221 '65.

Role of toxoplasmosis in the etiology of congenital rashes in calves based on material collected in Tomsk. L. I. Tikhonova and others. *Trudy TomNIIVS* 16:158-161 '65.

Significance of toxoplasmosis in the origin of pregnancy toxemia. L. I. Tikhonova, V. N. Abramov. *Trudy TomNIIVS* 16:154-157 '65.

Simultaneous immunization of birds against Newcastle disease, Variola avium and Pasteurellosis avium. G. A. Mikhalskii. *Veterinariia* 45 no. 6:112-16 June '66.

Some biochemical indices of the functional state of the liver during anorexia in experimental patients. N. N. Petrova. *Trudy TomNIIVS* 16:113-115 '65.

Some complex immunological reactions in polyvalent vaccination. E. I. Kletskan and others. *Trudy TomNIIVS* 16:193-202 '65.

Some immunological parallels in animal immunization with live and killed viruses of tick-borne encephalitis. *Trudy TomNIIVS* 16:239-245 '65.

Staphylococcal diseases in infants. L. I. Baidashova, N. I. Sarova. *Trudy TomNIIVS* 16:174-177 '65.

Study of pathogenicity and immunogenic effect of the measles virus strains isolated in children. L. Z. Iakubovich. *Uch. zap. Kaz. univ.* 87:56-59 '67.

Study of pseudotuberculosis in the Soviet Union. G. V. Ushchekko. *Trudy TomNIIVS* 16:157-163 '65.

Thyova, A. I., and S. Ia. Mekser. (Diphtheria) *Difteria*. Moskva, "Meditsina," 1967, 208 p. 10-ka prakt. vrachai.

Vasil'ich Terekhikh: an obituary. I. I. Mironovskii, A. M. Cherkashin, L. I. Kuznetsov. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:152-153 May '66.

616.9(471.232)—Leningrad City

Evolution of typhoid fever in Petrograd. L. Fedorad, S. N. Buzova. *Zhurn. mikrobiol., epid. i immunit.* 41 no. 5:67-72 May '66.

616.9(471.310)—Moscow City

Epidemiological effectiveness of pertussis immunization. G. N. Kerkhadiant and others. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:53-61 May '66.

Etiological structure of salmonellosis in the Leningrad District of Moscow during 1964-1965. T. S. Litvinova and others. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:54-58 May '66.

616.9(471.328)—Mordvin A.S.S.R.

Role of wolves in spreading helminth diseases in man and farm animals in Mordovia. A. P. Makhinskii, V. N. Semov. *Uch. zap. Kaz. univ.* 88:51-59 '67.

616.9(471.54)—Sverdlovsk Province

Epidemiological effectiveness of anti-influenza vaccine during the influenza epidemic in January and February 1967. V. S. Gagarina and others. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:140-141 May '66.

616.9(51)—China

History and geography of plague in China. V. A. Krasninskii. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:264-272 '63.

616.9(519.3)—Mongolian People's Republic

Epidemiology of plague in Ochirgynov of Western Mongolia. Z. L. Shcherbakova, E. P. Deglo, G. L. Denitov. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:217-24 '63.

Susceptibility of some species of rodents to the natural plague in the Mongolian People's Republic to experimental plague in the fall period. L. A. Sardan. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:47-51 '63.

616.9(571)—Altai R.S.F.S.R.

Susceptibility of some species of steppe rodents to artificial infection with plague microbe strains of weak virulence isolated in Transbaikalia. E. I. Klets and others. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:34-46 '63.

616.9(571.15)—Altai Territory

Classification of tularemia foci in Altai and their landscape-related epidemiological zoning. G. L. Kir'lanov. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:59-71 '63.

Epidemiological characteristics of tularemia in the foothills of Altai. A. K. Balabkin and others. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:72-77 '63.

Influence of minks on the tularemia foci in the Altai Territory. G. L. Kir'lanov. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:230-242 '63.

Some epidemiological data on a tularemia focus in the foothills of the Altai. L. P. Trofimova, L. A. Gushchikova. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:70-82 '63.

Zoological studies in the plague foci of the Altai Mountains. V. A. Sorzhinskii. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:232-235 '63.

616.9(571.151)—Gorno-Altai Autonomous Province

Characteristics of plague pathogen strains isolated in Gorno-Altai Autonomous Province in 1961. A. M. Shumova. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:25-33 '63.

616.9(571.18)—Tomsk Province

Clinical characteristics of scarlet fever based on materials of Tomsk Infectious Diseases Hospital accumulated during 1961-1962. K. M. Gullayeva. *Trudy TomNIIVS* 16:41-45 '65.

Epidemiological and immunological characteristics of natural foci of tick-borne encephalitis in Tomsk Province. A. A. Kozlov, V. V. Bilanick. *Trudy TomNIIVS* 16:162-169 '65.

Incidence of dysentery among Tomsk residents and the role of the water factor in its distribution. S. E. Krasov. *Trudy TomNIIVS* 16:113-123 '65.

Incidence of echinococcosis among the residents of Tomsk Province. A. A. Kozlovskii. *Trudy TomNIIVS* 16:124-126 '65.

Materials for the prognosis of the rate of carriers of tick-borne encephalitis in Tomsk natural foci. A. G. Koltchikova. *Trudy TomNIIVS* 16:121-18 '65.

Materials on sporadic salmonellosis in Tomsk. I. K. Avdeeva and others. *Trudy TomNIIVS* 16:115-118 '65.

Microbiological features of tick-borne encephalitis foci in populated areas. S. P. Karpov. *Trudy TomNIIVS* 16:7-11 '65.

Natural foci of toxoplasmosis in Tomsk Province. L. I. Tikhonova. *Trudy TomNIIVS* 16:102-106 '65.

616.9(571.53)—Irkutsk Province

Infectious diseases under natural conditions. A. F. Tikhonov, O. S. Vashchenko, G. N. Yul'barov. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:63-64 '64.

616.9(571.63)—Mordvin Territory

Epidemiological materials on the study of Japanese encephalitis in Mordvin Territory in 1965. H. V. Danilov. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:157-161 May '66.

Epidemiology and epidemiology of anthrax in the Mordvin Territory. Z. F. Pashko, E. P. Garmalov, E. L. Durska. *Izv. Irk. gos. protivochn. inst. Sib. i Dal'n. Vost.* 25:69-97 '63.

616.9(574)—Kazakh S.S.R.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 1: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 2: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 3: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 4: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 5: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 6: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 7: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 8: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 9: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 10: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 11: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 12: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 13: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 14: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 15: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 16: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 17: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 18: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 19: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Immunological structure of the population with respect to the pathogens of bacterial intestinal infections. Report No. 20: Content of antibodies to *Escherichia coli* of different serological types in adults and children. *Zhurn. mikrobiol., epid. i immunit.* 45 no. 5:142-143 May '66.

Clinical immunological parallels in patients with tick-borne encephalitis. V. F. Terent'ev, V. S. Trudy TomNIIVS 16:29-40 '65.

Clinical immunological diagnosis of atypical Borkin disease. O. E. Kudrashova, E. L. A. Shubolina. *Trudy TomNIIVS* 16:65 '65.

Comparative characteristics of the specific effect and non-specific reactivity of serum preparations. B. G. Trukhanyan. *Trudy TomNIIVS* 16:23-28 '65.

Comparative study of different methods to activate antigen for the reaction of hemagglutination in tick-borne encephalitis. R. Trudy TomNIIVS 16:295-299 '65.

Contagious "marous membrane disease" in review of foreign literature. I. V. Ponomarev, V. G. Mikhalevich. *Veterinariia* 108:109-110 '66.

Diagnosis of rabies by means of fluorescent and biological tests. A. P. Tikhonova. *Veterinariia* 45 no. 6:99-100 June '66.

Experimental and morphological study of myxomatosis, rabies and Tularemia in experimental animals. M. A. Katarov. *Veterinariia* 45 no. 6:30-31 June '66.

Incidence of varicella in cows; outbreak of the disease during a period of human vaccination. L. and others. *Veterinariia* 45 no. 6:30-31 June '66.

Laboratory diagnosis of foot rot. M. K. S. L. Dzhurov. *Veterinariia* 45 no. 6:30-31 June '66.

Lymphocytic choriomeningitis and study of diagnosis. A. M. Shchegolev and others. *Trudy TomNIIVS* 16:10-16 '65.

Materials for the study of strains of spring-summer tick-borne encephalitis viruses in the isolation of anti-encephalitis preparations. V. I. Shilina. *Trudy TomNIIVS* 16:305-307 '65.

Materials for the study of the creative life of children with poliomyelitis. Z. K. Z. Trudy TomNIIVS 16:51-56 '65.

Method of animal brain extraction in the diagnosis of rabies. V. S. Pavlov, V. A. Tashchenko. *Veterinariia* 45 no. 6:100-101 June '66.

Parainfluenza infection of cattle. V. N. Shchegolev. *Veterinariia* 45 no. 6:107-111 June '66.

Pathomorphology and pathogenesis of viral encephalitis. P. M. Shirokov. *Uch. zap. Kaz. univ.* 88:72-73 '67.

Pathogenesis of hyperimmune horse serum against encephalitis. I. V. Ponomarev, N. I. G. L. Shchegolev. *Trudy TomNIIVS* 16:2 '65.

Reactivity of 2-5% brain vaccine against encephalitis and measles for its development. *Trudy TomNIIVS* 16:300-304 '65.

Relation of erythema migrans erythematous encephalitis. B. P. Borzhuk. *Trudy TomNIIVS* 16:15 '65.

Some biochemical indices of the function in the process of immunizing horses with tick-borne encephalitis virus. Z. P. Kiselev. *Trudy TomNIIVS* 16:284-288 '65.

Some data on changes in alkalase activity during the course of the disease. K. M. Akel'man, E. A. Pashko. *Trudy TomNIIVS* 16:73-75 '65.

Study of the content of antibodies to tick-borne encephalitis, and paratyphoid fever, salmonellosis and paratyphoid fever. *Trudy TomNIIVS* 16:273-277 '65.

Transfusion of blood antitoxins in tick-borne encephalitis. L. M. Kozlov, M. M. Chirvorgeva, M. A. Trudy TomNIIVS 16:61-72 '65.

Treatment of complications on the skin lesion against anthrax. N. V. Bul'baev. *Veterinariia* 45 no. 6:33-34 June '66.

Use of the homologization reaction and in the detection and identification of the tick-borne encephalitis. V. S. Erofeyev, A. A. Trudy TomNIIVS 16:19-22 '65.

616.988(471.328)—Mordvin A.S.S.R.

Scarlet fever and enteric fever in the Mordvin collective farm in the Mordvin District. A. S. S. R. V. I. Kiril'shchik. *Uch. zap. Kaz. univ.* 88:120-131 '67.

616.988(470.24)—Azerbaijan S.S.R.

Some data on contagious erythema of sheep. I. A. Farukov, Z. G. Makhrov. *Veterinariia* 45 no. 6:112-113 June '66.

616.988(571.18)—Tomsk Province

Clinical and hematological data on the enterovirus diseases in children of Tomsk. Z. M. Zomliakova. *Trudy TomNIIVS* 16:80-84 '65.

Clinical aspects and epidemiology of acute enterovirus diseases in children of Tomsk. Z. M. Zomliakova. *Trudy TomNIIVS* 16:57-60 '65.

Further observations on epidemiology of enterovirus diseases in children of Tomsk. O. E. Kudrashova, A. V. Fedorov. *Trudy TomNIIVS* 16:60-64 '65.

Role of adenoviruses in the etiology of enterovirus diseases in children of Tomsk. M. A. Krasovskaya, G. A. Kozlov. *Trudy TomNIIVS* 16:70-79 '65.

616.988(574)—Kazakh S.S.R.

Compound diagnosis of animal rabies in the Kazakh S.S.R. G. A. Kolomakina and others. *Veterinariia* 45 no. 6:80-89 June '66.

617 Surgery

Productivity indices of cows following caesarean section. O. S. Faleev. *Veterinariia* 45 no. 6:80-89 June '66.

617 (Continued)
Surgical treatment of gonorrhea. I. I. Khuev. Uch. zap. Mor. gos. un., no. 58:163-167 '61.

6177 Ophthalmology. Eye diseases

Ulcers of some functions of the nose and adjacent organs and their compensation following combined surgery of the nose and its accessory sinuses. E. A. Iakubishin. Trudy SMU 18:61-67 '63.

Nesterov, A. P. [Hydrodynamics of the eye] Gidrodinamika glaza. Moskva, "Meditsina," 1968. 144 p.

Priman, N. I. [Practical problems of pediatric ophthalmology] Prakticheskie voprosy detskoi oftalmologii. Kiev, "Zdorov'ia," 1967. 212 p. (B-kh prakticheskogo chitaniia).

Effect of methyl chloride on the visual organ. S. I. Belova, G. I. Evstasenko. Toks. nov. prom. khim. veshch., no. 9:182-187 '67.

618 Gynecology. Obstetrics

Changes in thyroid activity during the process of development of tumors of the mammary glands induced by MDA in rats. K. N. Akhmedov, N. M. Turkevich. Vop. onk., 14 no. 3:26-31 '68.

Chemotherapy in chloroepithelioma of the uterus. L. A. Kozlova, V. F. Savinova. Vest. AMN SSSR 23 no. 6:53-57 '68.

Diagnosis and treatment of acute appendicitis in pregnant women. I. L. Nefedova. Trudy Sar. gos. med. inst. 43:73-77 '64.

Differential diagnosis of acute appendicitis and acute inflammation of the appendix. V. G. Khramova. Trudy Sar. gos. med. inst. 43:103-107 '64.

Dilman, V. M. [Aging, illness and cancer. Aging and diseases connected with hypofunction of the hypothalamus as a special pathological group; composition of diseases] Starenie, klinika i rak. (Starenie i bolezni, svyazannye s gipofunktsiei gipofizarnykh kak osobuyu gruppu patologii - bolezni komponentov). Leningrad, "Meditsina," 1968. 378 p.

Effect of ethylene amine and mercury on some aspects of protein and metal metabolism in rat ovaries. I. A. Golubovich, T. V. Grekovskaya. Toks. nov. prom. khim. veshch., no. 9:86-91 '67.

Effect of intervention disorders of the uterus in pregnant rats on the vulnerability of their fetuses under the effect of hypothermia and myosin. I. L. Kurdovandiro. Biol. eksp. med. i med. 63 no. 3:102-105 '68.

Estimation of the effectiveness of radiotherapy in cancer of the cervix uteri by fluorescence microscopy method. T. V. Khramova. Vest. AMN SSSR 23 no. 6:57-60 '68.

From obstetrical practice. G. Nefedov. Veterinaria 41 no. 6:83-84 '68.

Grazed tumors in women with negative sex chromatin. G. A. Savitskii. Vop. onk., 14 no. 3:86-89 '68.

Gryaznova, I. M., and G. A. Molodtsova. [Emergency aid in gynecology] Neotlozhnaya pomoish' v ginekologii. 2-e izd., 1-ye i dop. Moskva, "Meditsina," 1967. 220 p. (B-kh sred. med. inzhinirsk).

Immunocytochemistry of recurrent and metastatic in carcinoma treatment of breast cancer. I. G. Vasilukova. Vop. onk., 14 no. 3:74-79 '68.

International conference on histopathological nomenclature and classification of tumors of the ovaries. S. I. Serov. Vop. onk., 14 no. 3:118-119 '68.

Mental and parturitive function in women working at workshops of powder metallurgy of the "Pribor" Plant. Z. T. Tserova. Trudy KONGM 10:201-205 '67.

Permeability of the placental barrier to hemolytic Staphylococcus and typhoid bacilli. Z. V. Surinova. Biol. eksp. med. i med. 63 no. 3:53-55 '68.

Primary multiple malignant tumors of the breast and female genitalia. I. V. Iagunova. Vop. onk., 14 no. 3:127-130 '68.

Significance of the period of insemination in cows in the prophylaxis of sterility. I. N. Smirnov. Veterinaria 45 no. 6:73-75 '68.

618(477)—Ukrainian S. S. R.

Mezhoblashtna nauchno-prakticheska konfertsia akusherov-ginekologov zapadnykh oblastei USSR, 34, 1967. [Materials of the Third interprovincial Scientific and Practical Conference of Obstetricians and Gynecologists of the Western Provinces of the Ukrainian S. S. R.] Materialy konfertsii. Lvov, 1967. 385 p. (DNLN)

619 Comparative pathology. Veterinary medicine

Absorption of spirochete in the gastrointestinal tract. A. A. Rumiantsev. Veterinaria 45 no. 6:58-59 '68.

Accelerated rhythm. Veterinaria 46 no. 6:7-10 '68.

Achievements of veterinary archaeozoology and paleontological. S. N. Nikol'skii. Veterinaria 45 no. 6:43-45 '68.

Advantages of the concentration of stallions in a standing position. A. S. Kashin. Veterinaria 45 no. 6:67 '68.

Analysis of Ixodidae and their prevention. V. Kairuk-shina. Veterinaria 45 no. 6:55-58 '68.

Antigen properties of erythrocytes in fowl typhoid leucosis. B. P. Vdovin, V. P. Zetenskii. Veterinaria 46 no. 6:10-20 '68.

Biochemical changes in the brains of animals following vaccination against rabies. L. P. Gorbanova, N. I. Koshleva, M. Parasonia. Veterinaria 45 no. 6:23-25 '68.

Cases of sickness in sheep caused by the spring actinia sp. S. Ledova, A. Tarasova. Veterinaria 46 no. 6:57-58 '68.

Composition and properties of carp blood. A. A. Kudryavtsev, V. V. Meleev. Veterinaria 45 no. 6:70-71 '68.

Cytological study of leucocytes in cows with lymphoid leukemia. N. M. Kostromitov. Veterinaria 45 no. 6:17-19 '68.

Immunity of erythrocytes and hemoglobin level in ducks. L. P. Gusev. Veterinaria 45 no. 6:60-63 '68.

Effect of roach on the absorptive function of connective tissue. I. S. Pankov. Veterinaria 45 no. 6:59-60 '68.

Experience in farm sanitation against helminthiasis. G. N. Grigorov, G. P. Kuznetsova. Veterinaria 45 no. 6:46-48 '68.

Experience in the control of carp phylometra. A. P. Krasovskii, I. V. Zaslavov. Veterinaria 45 no. 6:50-52 '68.

From obstetrical practice. G. Nefedov. Veterinaria 45 no. 6:83-84 '68.

Immunological identification of different strains of streptococci in birds. N. P. Krylova. Veterinaria 45 no. 6:21 '68.

Information and brief news. V. E. Shishkov and others. Veterinaria 45 no. 6:117-122 '68.

Let's improve the veterinary and sanitary conditions on animal farms. I. I. Polshin. Uch. zap. Mor. gos. un., no. 58:3-10 '67.

M. G. Zaitsev, faculty professor of veterinary and sanitary expertise. Uch. zap. KAT 98:356-357 '67.

Methods of analysis of the results of laboratory study of blood in determining the state of metabolism in animals. V. I. Dufeev. Veterinaria 45 no. 6:62-65 '68.

Morphology and biology of Histaria isolated from pleuralia. G. M. Ivanova, A. I. Gulyaev. Veterinaria 45 no. 6:22 '68.

Problems in the epidemiology of Histaria. A. A. Ananiev, G. G. Buzitskov. Veterinaria 45 no. 6:27-28 '68.

Productivity indices of cows following operations on body cavities. G. S. Falcev. Veterinaria 45 no. 6:65-66 '68.

Prophylaxis of lice parasitosis diseases in animals. V. I. Ushakov. Veterinaria 45 no. 6:10-12 '68.

Result of purpural action. N. A. Syromiatnikov. Veterinaria 45 no. 6:13-15 '68.

Streptococci in animals. I. A. Makhmudov. Veterinaria 45 no. 6:12 '68.

Using agar-agar preparations in reindeer raising. A. I. Shikov. Veterinaria 45 no. 6:61 '68.

619(471, 328)—Moldavia S. S. R.

Let's increase measures to safeguard calves. I. I. Pogdan and others. Uch. zap. Mor. gos. un. no. 58:10-12 '67.

Role of calves in spreading histolytic diseases to man and farm animals in Moldavia. A. P. Shchegolev, V. N. Semov. Uch. zap. Mor. gos. un., no. 58:65-69 '67.

619(478)—Caucasus and Transcaucasia

Crash program of action: compilation of veterinary specialists of the Transcaucasian republics. Veterinaria 45 no. 6:4-6 '68.

619(479, 24)—Azerbaijan S. S. R.

Some immunological indices in animals vaccinated with weakly virulent Histaria culture. M. K. Ganiyev, M. L. Gerasimov. Dokl. AN Azerb. SSR 23 no. 10:67-61 '67.

619(571, 6)—Soviet Far East

Veterinary phenolization in the control of bee varroaosis and bioassays. I. V. Tsvilev. Veterinaria 45 no. 6:51-54 '68.

619(571, 63)—Maritime Territory

Neo varroaosis in the Maritime Territory. V. I. Solovchenko. Veterinaria 46 no. 6:51-53 '68.

619(576, 4)—Turkmen S. S. R.

Plague epizooty in southeastern Kara Kum in 1964. A. P. Vaziev and others. Izv. AN Turk. SSR. Ser. biol. nauk, no. 1:73-76 '68.

619(71)—Canada

Veterinary services in Canada. I. U. N. Goloshechikov. Veterinaria 45 no. 6:105-109 '68.

62 ENGINEERING AND TECHNOLOGY

Appearance of the enterprises. S. Solomonov. Tekh. est. 5 no. 5:8-12 '68.

A bridge from science to production. M. Sitenko. NTO 10 no. 5:24-25 '68.

[Classified index of bibliographic works on technology compiled by the libraries and information agencies of the Latvian S. S. R. for 1968] Svodnyi ukazatel' bibliograficheskikh rabot potokhnike, sostavlenykh bibliotekami i sluzhblami informatsii Latvskoi SSR za 1968 god. Riga, Latv. resp. in-4 much. Iekhn. informatsii i propagandy, 1967. 27 p.

Completed research should be made available to production much faster. I. V. Kravchenko. Tsement 34 no. 2:4-5 Mr-Apr '68.

Concept of interchangeability. P. F. Cizdarev. Stand. i tech. 32 no. 1:14-16 '68.

Design development in Belgium and in the entire world. Zh. de Krommer. Tekh. est. 6 no. 3:2-7 '68.

Determining the economic efficiency of scientific research and new equipment. S. Golosovskii. Vop. okom. no. 8:75-85 '68.

Developing a single classifier of lap holders. V. V. Maslovskii. Stand. i tech. 32 no. 1:73 '68.

Drize, I. D., G. A. Fikzarina, and D. N. Karpukhin. [The material incentive fund] Fond material'nogo poobecheniia. Moskva, "Ekonomika," 1968. 118 p.

Drying of powder products containing acetic acid. A. A. Dolinskii and others. Khim. prom. Ukr. no. 3:59-60 '68.

The engineer. Prom. Arm. 10 no. 9:10-13 '61.

German Museum, on the way architecture to design. V. Aronov. Tekh. est. 5 no. 5:29-32 '68.

Mark on science and technology. S. Iakobin. NTO 10 no. 5:1-4 '68.

May list of the first year of the new five-year plan. Stroitel'stvo. 11 no. 5:1 '68.

Mechanical and industrial design. G. Rutman, G. Grigorov, A. Grashin. Tekh. est. 6 no. 5:16-20 '68.

New institution of higher learning of our country. A. Koshkin. Izv. vuz. uch. i nauch. i spets. 10 no. 1:127-128 '67.

Science and technology (Brief notes). NTO 10 no. 3:42-43 '68.

Science for the industry and industry for the science. V. A. Ansharov. NTO 10 no. 3:28-29 '68.

Science helps industry. K. Tor-Bekalchian, R. Gevorgian. Prom. Arm. 10 no. 9:10-14 '67.

Some terms in swamp engineering and their relationship to the words "bog" and "peat." M. I. Nefedov. Torf. prom. 15 no. 6:24-25 '68.

Style of company signs as a medium for the development of visual advertising of foreign airline companies. T. Norina. Tekh. est. 5 no. 5:12-15 '68.

Style of individual companies and industrial design. V. Lashkov. Tekh. est. 5 no. 5:8 '68.

Synthesis of technique and aesthetics in the creative power of A. K. Naryov on the 275th anniversary of his birth. P. Zagoskii. Tekh. est. 5 no. 5:21-24 '68.

Testing the effectiveness of a jet propeller. A. I. Plakalov, T. M. Romashova. Torf. prom. 15 no. 3:21-22 '68.

Unloading a 1220 mm pipeline with polymer tape. A. V. Zlatovskii. Stroitel'stvo. 13 no. 2:22-23 '68.

62(4, 0)—European capitalist countries

Discussions on means of European scientific and technical progress. V. Gnevashev, A. Darydov. Mosh. dunar. zhen' 16 no. 7:65-73 '68.

62(43)—German Democratic Republic

The German Democratic Republic exists. Initial and serious its experience. Ch. Maier. NTO 10 no. 6:4-11 '68.

62(471, 232)—Leningrad City

The city of Leningrad. A. Sizov. Prom. Arm. 10 no. 11:28-27 '67.

62(470, 25)—Armenian S. S. R.

Armenia of 1970. S. Movsesian. Prom. Arm. 10 no. 11:3-5 '67.

A city in the Lailyskoye gorge. Prom. Arm. 10 no. 11:53-54 '67.

Light brought life. Prom. Arm. 10 no. 11:60-61 '67.

On Leningrad. G. Garibaldian. Prom. Arm. 10 no. 11:22-24 '67.

Right-Hark omens of the commemorative year. Prom. Arm. 10 no. 11:4 '67.

Science of a revolutionized nation. V. Ambartsumian. Prom. Arm. 10 no. 11:15-17 '67.

There are the heroes of industrial Armenia. Prom. Arm. 10 no. 11:7-8 '67.

62(574)—Kazakh S. S. R.

Science is helping the national economy. Sh. Isanov. Prom. Arm. 10 no. 9:10-8 '67.

620.1 Materials testing

Apparatus for the study of the operating modes of the TDT-75 timber skidding tractor. G. M. Ansharov and others. Trakt. i sel'khozmaash. no. 5:19-21 '68.

Device for testing tensile deformation of plastics. I. T. Chiklov, A. V. Shelton. Plast. massy no. 5:76-72 '68.

Dynamometric stand with running rollers for testing high-power wheeled tractors. A. B. Grebolski and others. Trakt. i sel'khozmaash. no. 2:18-20 '68.

Effect of plastic deformation by stretching on the corrosion resistance of Kh-18-Ni-9-Ti austenitic steel. M. B. Shajiro, O. N. Bislavskii, I. I. Stremal'ko. Khim. prom. Ukr. no. 3:33-37 '68.

Equipment for determining the sharpness of an all metal saw blade for a grinding machine. I. I. Kirovov. Uch. zap. Ivan. gos. ped. inst. 45:125-128 '67.

Experimental study of the smoothness of motion of a grain harvesting combine. A. N. Chukov, V. S. Dushko, N. A. Lazebnyi. Trakt. i sel'khozmaash. no. 2:20-22 '68.

Investigating heat-resistance of casting alloys. K. I. Vashchenko, V. I. Zhuk, V. A. Iutyl. Tekh. i org. proizv. no. 3:68-72 '68.

Quick test of Portland-slag cement in plastic mortars. I. N. Morozov, Z. V. Azarova. Tsement 32 no. 1:22 '68.

Regression analysis in evaluating the sintering of raw material mixes. M. M. Syulov, A. V. Slunovskii. Tsement 34 no. 3:4-6 '68.

Studying the process of processing of slightly decomposed peat in an open matrix. B. I. Zikov, V. M. Naumovich. Torf. prom. 15 no. 4:18-22 '68.

Tractor transmission test stand. G. M. Talarchuk, I. V. Khodos. Trakt. i sel'khozmaash. no. 2:37-38 '68.

620.1(431)—German Democratic Republic

Determining surface quality. V. Makovskii. NTO 10 no. 3:17 '68.

620.18 Suitability, serviceability, quality testing

Behavior of combined bolt-welded joints under static load. G. V. Lavochkin. Stroi. trudy. 1:127-137 no. 258:77-84 '67.

Experience in pressurizing an operating pipeline. A. I. Semitskii, A. I. Kholin, G. I. Savitskov. Transp. i khim. nefti i neftprod. no. 1:32-34 '68.

[increasing the wear resistance and life of the cutting elements of agricultural machines] Poryshenie iznosostoičnosti i dolgovechnosti rezhushchikh elementov sel'skokhoziaistvennykh mashin. Pod red. N. E. Rezelka. Minsk, 1967, 162 p.

Side light of metal spars in deck bridges. A. G. Bol'shatyn. Stroi. trud, LITIZIT no. 258-65-37 '67.

620.17 Measurement of mechanical properties. Strength and deformability tests, etc.

Determining oil contamination by test products using spectrum analysis. V. P. Serdik, S. P. Akhukhova, I. D. Zilberstikh. Tesh. i org. proizv. no. 3-110-112 Mye '68.

Development of the "neck" during extension of polyamide samples with differing deformation rates. F. P. Dolkunov, V. F. Zabashina. Prikl. mekh. 4 no. 3-55-58 Mye '68.

Distribution of tangential stresses along the step of the splitting of unbelted belt conveyors. I. I. Litvin, I. M. Ivershch. Vop. rud. transp. no. 10-88-166 '67.

Effect of high temperature thermomechanical treatment on the mechanical properties of chromium-nickel alloy. A. V. Pribludnyy, E. I. Ivanova. Metalloved. i term. obr. met. no. 12-127-130 D '67.

Effect of lithium on aging and mechanical properties of alloys in the system Al-Zn-Mg. M. I. Litvin, E. S. Korotkaya, V. I. Korotkaya. Metalloved. i term. obr. met. no. 12-130-53 D '67.

Effect of longitudinal stresses upon the strength and hardness of individual units of mine car frames. E. E. Novikov, Van To-Fy. Vop. rud. transp. no. 10-118-130 '67.

Effect of low-cycle loading on the tendency of low-carbon structural steel toward the loss of toughness. A. D. Chubayevskii. Zav. lab. 33 no. 12-1556-1562 '67.

Effect of the speed of cooling on mechanical properties and microstructure of low-carbon steel 08k. A. E. Zakharov, V. I. Gerasimov, O. S. Shchegolev. Metalloved. i term. obr. met. no. 12-88-11 D '67.

Estimation of the ductility of friction elements of a tractor clutch assembly according to data obtained on a test stand. L. B. Dvornik, I. K. Korotkiy, I. M. Ezhik. Trakt. i sel'skhoz. mash. no. 115-117 Mye '68.

Evaluating the brittleness of structural steel by the results of testing standard specimens for impact toughness. L. I. Gladsteyn, G. N. Vinkler. Zav. lab. 33 no. 12-1548-1552 '67.

Evaluating the tendency of metals toward brittle failure. V. S. Ivanova, V. G. Kuchinskaya. Zav. lab. 33 no. 12-1545-1548 '67.

Evaluating the tendency of steel toward cold brittleness by the type of fracture. H. G. Aram, S. V. Berezinskii, I. I. Sokolovskii. Zav. lab. 33 no. 12-1544-1548 '67.

Failure of chromium-nickel steel subjected to thermomechanical treatment. V. I. Kuznetsov. Metalloved. i term. obr. met. no. 12-37-40 D '67.

Failure strength of bridge truss joints. R. Z. Manilova, V. N. Savelyev. Stroi. trud, LITIZIT no. 258-65-76 '67.

Field investigation of crack resistance of long experimental blocks for a concrete dam at the Krasnoyarsk Hydroelectric Power Station. V. V. Pliakov, I. U. N. Gusev. Izv. VNIIG 84-147-157 '67.

Graphing load-deformation diagrams. A. S. Orlovskiy and others. Zav. lab. 33 no. 12-1574-1575 '67.

Influence of the crushing ratio of a fine concrete on a strength characteristic of the binder. Stroi. mat. doi. i tekhn. no. 8-155-155 '67.

Influence of the intercooling and heat treatment on the mechanical properties of cast iron with spherical graphite. M. V. Voloschenko, V. I. Il'kova, I. G. Zeleniy. Metalloved. i term. obr. met. no. 5-50-53 Mye '68.

Influence of the time factor on the strength properties of rocks in a stressed state. G. I. Lopatin. Trudy IGIG (Sverd.) no. 12-113-116 '60.

Macro- and microhardness of ingot surface layers made of high-grade cast iron. A. A. Gel'man, S. I. Snopkov. Metalloved. i term. obr. met. no. 5-56-59 Mye '68.

Measuring the microhardness of nickel subjected to stretching at room temperature and at elevated temperatures. M. D. Terent'eva, L. V. Tuzov. Ueb. zap. Nov. gos. ped. inst. 9-11-17 '66.

Measuring the strength of steel sheet on a flexible plate. L. D. Volovaya, G. S. Pugashov. Zav. lab. 33 no. 12-1572-1574 '67.

Mechanical properties of cast blanks of OKh23N20M11BT steel. N. V. Iulia and others. Metalloved. i term. obr. met. no. 12-57-59 D '67.

Method of measuring secondary stresses in steel test wires. I. I. Nikitin. Vop. rud. transp. no. 10-195-197 '67.

Methods and equipment for static tests of thin-walled pipes under the action of soil. A. A. Salganov. Vop. gidr. no. 25-66-68 '66.

Methods of evaluating crack susceptibility. B. A. Drozdovskii, L. V. Frolova, I. A. B. Fridman. Zav. lab. 33 no. 12-1561-1572 '67.

Nature of fatigue strength reduction in titanium alloys as a result of grinding. I. A. Glikman, L. N. Fetulin. Metalloved. i term. obr. met. no. 12-16-20 D '67.

Open resonator for studying the properties of a solid body of low temperatures. N. N. Vystavkin and others. Prikl. tekhn. i fiz. no. 1-138-140 Ja-F '68.

Photoelastic transducers for measuring stresses in the mass. A. D. Saulevskiy and others. Trudy IGIG (Sverd.) no. 12-59-107 '68.

Physicochemical properties and structure of ores and rocks of the Pokrovskoe and Gorbogolovskoe deposits. M. I. Rudakov and others. Trudy IGIG (Sverd.) no. 12-120-127 '68.

Physicochemical properties of cast iron with rare-earth metal additives. G. N. Zhukovskiy, A. P. Lubchenko, M. V. Morozov. LIT. opus. no. 12-32-35 D '67.

Plasticity test for pipes. D. E. Rokhman, A. I. Devidenko, A. P. Kalitina. Stand. i tekhn. 33 no. 1-53 Ja '68.

Strength of parts and the protection of the main lines of rolling mills. S. S. Cherenkin and others. Met. i Gornorud. prom. no. 2-70-74 Mr-Apr '68.

Stresses in the zone of contact between the wheels of electric locomotives and the rails. A. A. Melchakov, A. M. Mariuta. Vop. rud. transp. no. 10-141-149 '67.

Studying deformation of concrete in order to determine its optimum curing time before freezing. V. L. Chernomyskiy, A. V. Eslerov-Marshak, O. P. Mikhel'tev-Petrovskiy. Stroi. mat. doi. i tekhn. no. 8-136-141 '67.

Studying the stability of a rectangular plate allowing for the compressibility of the material beyond the elastic limit. A. P. Nikolayev. Prikl. mekh. 4 no. 3-65-69 Mye '68.

Studying thermal stresses in floating blocks of the Kishinev Cuba Tidal Electric Power Plant by the optical polarization method. G. L. Krasin and others. Gidr. stroi. 37 no. 11-30-32 N '66.

Temperature stability of Young's modulus in aluminum-based alloys. G. N. Kedykova, G. N. Sarayeva. Metalloved. i term. obr. met. no. 5-70-72 Mye '68.

Testing vibrating machines. N. I. Givovskiy, G. I. D'akov. Tekhn. i org. proizv. no. 3-103-106 Mye '68.

Transient processes during running of ropes on pulleys. I. F. Nikitin. Vop. rud. transp. no. 10-107-206 '67.

Using an ultracathode for measuring the adhesion of paint and varnish coatings. V. E. Gerasimchenko, A. V. Bakhtinov. Tekhn. i org. proizv. no. 3-61-63 Mye '68.

Using continuous machines for determining stresses in the buffer and coupling equipment of mine trains. A. K. Dylia, V. I. Zhukovskiy, V. D. Iezimkov. Vop. rud. transp. no. 10-102-108 '67.

Using elliptic reverberatory testers in mechanical tests. V. V. Vergehen, I. A. Eskin, G. V. Isakhanov. Tekhn. i org. proizv. no. 3-65-69 Mye '68.

Value of the critical crack in evaluating steel brittleness. A. S. Pokhmanov, L. S. Litvinskaya, A. P. Gruzinov. Zav. lab. 33 no. 12-1552-1555 '67.

Zashchita, I. V. [Electronics and acoustical methods for testing building materials] Elektronnaya akusticheskaya metoda ispytaniya stroitel'nykh materialov. Moskva, "Vyssh. shkola," 1968. 247 p.

620.18 Investigation of structure. Metallography. Equivalent study of nonmetals

Certain general aspects of crystallization and the porosity of castings; review. N. M. Orlovskiy. Tekhn. zap. Ivan. gos. ped. inst. 46-83-102 '67.

Cold welding of cast iron using a steel electrode with a special coating. N. M. Orlovskiy, B. P. Izmestov. Tekhn. zap. Ivan. gos. ped. inst. 45-103-108 '67.

Composition and structure of chemical compounds in titanium alloys containing copper and nitrogen. N. I. Ileshko, A. I. Glazova, E. I. Gushova. Izv. AN SSSR, Met. no. 3-224-228 Mr-Apr '68.

Decomposition of delta ferrite during the tempering of 06Kh19N7Fe12 and 06Kh20N11M21Fe11Hf81 steels. I. A. Sokol, I. A. L. Frid. Metalloved. i term. obr. met. no. 5-30-34 Mye '68.

Degeneration of structure during the isothermal decomposition of austenite in steel and white cast iron. L. I. Kalitina, V. E. Orlovskiy, Izv. AN SSSR, Met. no. 2-101-103 Mr-Apr '68.

Effect of chromium on the structure and mechanical properties of silicon-free ferrite. G. M. Chudzhayev. Metalloved. i term. obr. met. no. 12-70 D '67.

Effect of the microstructure of 40 and 018 steels on the surface finish and speed of metal removal during dimensional electrochemical machining. I. M. Petrov, G. L. Morozova. Tekhn. i org. met. no. 115-117 '68.

Effect of the rate of cooling on the formation of a primary structure in Sn-Sb alloys. N. I. Verich, A. A. Yankin. Izv. AN SSSR, Met. no. 2-223-224 Mr-Apr '68.

Effect of thermomechanical treatment on the structure and properties of 10Kh19MA and 30KhGSA steels. V. N. Baidov, V. V. Litvinov. Metalloved. i term. obr. met. no. 12-40-43 D '67.

Effect of titanium on the structure and properties of aluminum. P. A. Parizhskiy, M. Z. Lukinskii. Metalloved. i term. obr. met. no. 12-66-68 D '67.

Effect of ultrasonic treatment of cast iron on its content in gases and nonmetallic inclusions. L. I. Levit and others. Izv. vys. ucheb. zav., Chern. met. II no. 6-155-157 '68.

Effect of zirconium on the structure and mechanical properties of extruded U16 alloy shapes. V. D. Kozlovskaya, G. V. Kopylova. Metalloved. i term. obr. met. no. 12-24-28 D '67.

Electron diffraction and electron-microscope study of silicon dioxide films. E. G. Azhazha, I. T. Vol, I. O. Kozminskiy. Kristallografiya 13 no. 2-366-367 Mr-Apr '68.

Enkel', V. A. [High-temperature X-ray diffraction pattern of metals] Vysokotemperaturnaya reingonograficheskaya metallografiya. Moskva, "Metallurgiya," 1968. 204 p.

Heat treating of phases in molybdenum alloys. V. N. Nikolaev, M. A. Tsviling. Izv. vys. ucheb. zav., Chern. met. II no. 5-133-134 '68.

Influence of silicon on the phase composition of the Kh70M1 alloy. T. V. Syvstunova and others. Metalloved. i term. obr. met. no. 5-20-24 Mye '68.

Interaction of thallium with iron. L. I. Grahimskiy, I. E. Potavin. Izv. AN SSSR, Met. no. 2-236-239 Mr-Apr '68.

Investigating the chemical composition and structure of welded joints in Al-Zn-Mg alloys. I. N. Fridlender and others. Metalloved. i term. obr. met. no. 12-20-24 D '67.

Kinetics of the decomposition of residual austenite during the heat treatment of the "Sormat No. 1" alloy. B. M. Fishchen. Metalloved. i term. obr. met. no. 12-53-55 D '67.

Methods for determining the energy of packing defects. I. A. D. Vlasov, V. S. Klyamovskiy. Zav. lab. 33 no. 12-1522-1527 '67.

Microalloying of silicon in magnesium cast iron. A. A. Zhukov. Metalloved. i term. obr. met. no. 5-54-58 Mye '68.

Microstructure of concrete produced from ultrastrong activated cement paste. I. U. E. Korotkiy, V. G. Dymchikov, V. I. Belokobylskiy. Stroi. mat. doi. i tekhn. no. 8-120-123 '67.

The nature of the excess phase in ferrite steels. The steels with titanium. T. V. Egorshina, V. S. Mal'tseva, S. B. Maslennikov. Metalloved. i term. obr. met. no. 5-35-36 Mye '68.

Relation between microstructure of casted magnesium samples and imperfections of original magnetic powder crystals. A. I. Bessonov, V. A. Perepichayev. Izv. AN SSSR, Neorg. khim. 4 no. 2-174-279 F '68.

Secondary recrystallization in iron-silicon alloys with various impurity contents. I. U. S. Arsenov, V. M. Novikov, V. M. Semenov. Izv. vys. ucheb. zav., Chern. met. II no. 5-120-122 '68.

Spots for the preferential formation of nuclei of secondary recrystallization of transformer steel. S. S. Gurevskiy, V. A. Golovinskiy, I. E. Vorobeykova. Izv. vys. ucheb. zav., Chern. met. II no. 5-124-126 '68.

Steel fracture as a process of joining of microcracks. V. M. Tinkov and others. Izv. AN SSSR, Met. no. 3-171-175 Mr-Apr '68.

Structural changes in vanadium and aluminum melted in vacuum and in helium. A. V. Krupin and others. Izv. vys. ucheb. zav., Chern. met. II no. 5-164-165 '68.

Structural transformations in Kh21N5 steel during tempering. E. G. Fedegunov, I. A. Sakhina, T. V. Egorshina. Metalloved. i term. obr. met. no. 5-22-24 Mye '68.

Structure and properties of titanium-aluminum alloys. V. P. Korotkaya, O. P. Smolovskiy, Z. D. Tikhonovskiy. Metalloved. i term. obr. met. no. 12-13-15 D '67.

Symmetry of the fusion zone of a Si₃N₄ fiber. A. V. Bimel, L. P. Ponomarev, S. I. Rukhlovskiy. Izv. vys. ucheb. zav., Chern. met. II no. 5-130-131 '68.

Studying the microdistribution of hydrogen in the atmosphere of chromium-nickel steel and cast iron. V. I. Avoyak, L. B. Kostin, V. I. Sidorov. Izv. vys. ucheb. zav., Chern. met. II no. 5-60-70 '68.

Textures of the rolling and recrystallization of nickel-cobalt alloys. V. N. Baranovskiy, I. A. D. Vlasovskiy, I. A. S. Umanitskiy. Metalloved. i term. obr. met. no. 5-73-75 Mye '68.

Use of the magnetite powder method in the study of minerals. M. A. Givovskiy, O. N. Zhoritskiy, Z. I. Zorn. no. 2-145-150 '61.

620.19 Defects and deterioration in materials. Corrosion and erosion

Anticorrosive paints for reinforcement skeleton frames. A. V. Lobasov. Energ. stroi. no. 12-60-61 '67.

Application of the electrochemical protection of alloys. I. A. G. Buzhakov. Tekhn. i org. proizv. 55 no. 5-53-63 Mye '68.

Calculating the number of failures by the "renewal" method. V. V. Kozlovskiy. Tekhn. i org. proizv. 55 no. 5-52-63 Mye '68.

Combined flow of chemical cleaning and protection of drum and direct flow boilers. R. K. Gerasimov, M. V. Iomskiy, G. P. Solntsev. Khim. stroi. 13 no. 12-20-29 '67.

Conditions in which pittings occur during the electrolytic deposition of nickel. A. N. Antonov. Trudy IPI no. 272-103-109 '67.

Corrosion of iron in fused alkali metal phosphates. V. P. Kechinov and others. Izv. vys. ucheb. zav., Khim. i Khim. tekhnologiya. 10 no. 12-1327-1331 '67.

Corrosion of metallic ceramics in some petroleum products. P. P. Dudnikov, V. A. Kharinikov. Khim. prikl. khim. II no. 1-101-104 Ja '68.

Corrosion of the Kh17T and Kh18N9T stainless steels in the VET-2 medium in the medium of nitric acid containing reducing agents. S. G. Galkin, I. V. Galkin. Khim. i tekhn. masloshch. no. 6-23-24 Mye '68.

Current supply diagrams for cathodic protection anodes. K. A. Nikitich. Trudy i khran. i tekhn. no. 1-15-17 '68.

Effect of anions on the inhibiting action of additions. Report No. 1: Corrosion of zinc in acid solutions. A. M. Avramina and others. Khim. i tekhn. no. 7-123-129 '67.

Effect of copper on the resistance to corrosion of cast iron under atmospheric conditions. V. I. Karpov. Stroi. mash. i tekhn. no. 17-160-177 '61.

Effect of static pressures electrical erosion of metals due to condensed spark discharges. N. V. Arsenov, S. N. Kapustin. Vost. AN SSSR, Sur. fiz. tekhn. no. 2-65-71 '65.

Evaluating deforming properties of viscous polymeric road asphalt. I. V. Rukhlovskiy, A. V. Iudenskii. Neftokh. i tekhn. no. 4-7-9 '68.

Experiments with use of electrochemical protection for hydrochemical equipment of the Volga hydroelectric power station dam after V. I. Lomov. I. P. Sidorov and others. Gidr. stroi. 36 no. 4-32-37 Ap '68.

Inhibitors of the corrosion of steel in hydrochloric acid. N. I. Potobayev, G. T. Ovanianov. Neftokh. i tekhn. no. 4-33-36 '68.

Interaction of recombination cracks of a given orientation. I. T. Berezinskii, A. P. Datsyuk. Prikl. mekh. 4 no. 3-112-117 Mr-Apr '68.

Investigating the microheterogeneity of silicon iron. I. A. V. Grochovskiy and others. Metalloved. i term. obr. met. no. 5-66-70 Mye '68.

It is necessary to set up effective means of protecting mine shaft reinforcement against corrosion. A. M. Solntsev, G. O. Spiridonov, Shkhi. stroi. 12 no. 5-1-2 Mye '68.

Lasting corrosion resistance of metal structures in hydroelectric power stations. M. S. Trifilov, E. D. Galkin. Gidr. stroi. 36 no. 4-57-58 Ap '68.

Mechanism of action of coke chemical inhibitor of metal corrosion. N. G. Chou. Khim. prikl. khim. 41 no. 11-114 Ja '68.

Methods of studying cavitation and its damaging effects in water channels of a hydroelectric power plant. A. M. Chistakov. Izv. VNIIG 84-234-250 '67.

- 620.10 (Continued)**
- 620.10.01** Metallographic study of copper corrosion in chloride media. I. I. Naryshkin and others. Zhur. prikl. khim. 41 no. 1208-210 12 '68.
- 620.10.02** Creation of heat-transmitting surfaces by superheated steam as a means of corrosion control. N. I. Pashka, V. A. Ramanov, G. I. Kostin. Zh. tekhn. fiz. 38 no. 5 55-58 My '68.
- 620.10.03** Oxidation and protection of beryllium. Oksidatsiya i zashchita berilliya. Moskva, "Metallurgiya," 1968. 121 p.
- 620.10.04** Protection from corrosion by polymer materials. S. V. Mazur and others. Plast. massy no. 5-63-61 '68.
- 620.10.05** Protection of metallic products from corrosion. S. P. Gusev, M. S. Chernov. Sbor. nauch. rab. INKhI no. 17 167-173 '61.
- 620.10.06** Selecting power supplies for the study of the corrosion of gas and petroleum pipelines. A. I. Akimov, P. A. Spirin, V. V. Tikhov. Azh. n. i. tekhn. 17 no. 5-46 35-39 '68.
- 620.10.07** Solium silicate treatment of water for corrosion prevention in pipelines. D. G. Iakovlev. Vud. i kon. tekhn. no. 1 13-15 My '66.
- 620.10.08** Strizhevskii, I. V., V. M. Levin and M. V. Tarnitskiy. [Methods for controlling the electric corrosion of city pipelines] Metody barbya elektrokoroziy gorodskikh inzh. L'vovskoye, Moskva, Stroitel'stvo, 1968. 148 p.
- 620.10.09** Sticking scale formed during the operation of a ship evaporator. V. F. Kovalenko, V. P. Shvachko, B. I. Koltar, Sudastroyeniye 58 no. 5 21-25 My '68.
- 620.10.10** Studying the corrosion resistance of electrophoretic aluminum coating. G. K. Shchegolev, L. S. Fomkin, A. A. Sokolova. Khim. i metallurgiya, no. 5 23-25 My '68.
- 620.10.11** Studying the factors of the efficiency of inhibitors of acid corrosion in steel etching. Report No. 1: Distinction in the efficiency of corrosion inhibitors during anodic acid etching of low-carbon steel covered with chloride without it. A. S. Anan'ev, S. G. Tyer. Khim. tekhn. 66 7 135-139 '67.
- 620.10.12** Use of thin wall pipes in sanitary engineering systems. A. K. Gufing. Vud. i kon. tekhn. no. 6 17-19 Jo '67.
- 620.10.13** Work experience of the "Elektrikizatsiya" Laboratory. I. A. M. Edel'man, E. A. Nikitenko. Trudy, i zhurnal, nauch. i tekhn. 1968. 134-137 '68.
- 620.2 Commercial materials, wastes (quality, workmanship, etc.)**
- 620.2.01** Training of commodity experts and ways of improving it. I. I. Stalovoy. Sov. prot. konp. 12 no. 5 20-28 My '68.
- 620.2.02** What is new in determining the quality of goods. III, Naugrodek. Sov. prot. konp. 12 no. 11-12 43 Ap '68.
- 620.3 General economics of energy**
- 620.3.01** Conference of power plant administrators and specialists. Konferentsiya upravlyayemykh elektrostaniy i spetsialistov. Zh. tekhn. 67 no. 6 51-54 Jo '67.
- 620.3.02** 53 years of Soviet power engineering. 53 let Sovetskoy energ. stroy. no. 10-11: 11 '67.
- 620.3.03** Efficiency of combined hydraulic power complexes in the distribution of productive forces. O. O. Levitskiy. Izv. VNIIE 84:343-350 '67.
- 620.3.04** Methods and practices of determining the actual economic efficiency of combined hydraulic projects. O. O. Levitskiy. Izv. stroy. 37 no. 314-319 My '67.
- 620.3.05** Natural factors and resources as a basis for complex territorial planning. S. P. Semenov. Vost. i LGU 23 no. 6 100-107 Mr '68.
- 620.3.06** Research by the All-Union Scientific Research Institute of Hydraulic Engineering is a contribution to Soviet hydroelectric and electric power engineering. M. P. Shchegolev, A. A. Melnikova. Izv. VNIIE 84:5-32 '67.
- 620.0 (408)—Humanity**
- 620.0.01** Symposium on analysis and synthesis of electrical networks. V. A. Stroyev. Izv. AN SSSR. Energ. i transp. no. 2 140-160 Mr Ap '68.
- 621 MECHANICAL AND ELECTRICAL ENGINEERING. MACHINERY**
- 621.01** Bogdanov, S. K. [Book of problems in mechanical drawing] Zashchitnik po chertovniku. Izd. 2-o, pererabot. Moskva, "Mashinostroyeniye," 1967. 268 p.
- 621.02** Calculation of inclined-plane two-screw diffusers. A. V. Mityus. Sakh. prom. 42 no. 3 23-26 '68.
- 621.03** Characteristics of longitudinal and lateral cross sections of a helical linear surface of variable axial pitch. L. D. Recliner. Trudy Tashk. politekh. inst. no. 38 37-45 '67.
- 621.04** Choosing the models of evaporators and the equipment of evaporating plants. N. I. Tolstov, O. N. Shily, V. T. Galtzha. Sakh. prom. 42 no. 3 12-16 '68.
- 621.05** Continuous optimizing controller and possible switching networks of its input and output circuits. L. A. Berdov, L. P. Petrov, N. V. Strakhov. Izv. vuz. ucheb. zav. i gorn. stroy. 11 no. 2101-106 '68.
- 621.06** Derivation of criterion equations for investigating hydrodynamics of sprayer-type air coolers. N. M. Dar'manov. Izv. vuz. ucheb. zav. i gorn. stroy. 11 no. 2110-121 '68.
- 621.07** Double-valve bell for gas ovens. I. I. Tsomokh. Khim. prom. 3 no. 2 40-58 Mr Ap '68.
- 621.08** Experience in building a highly efficient small cotton spinning machine. F. P. Siganov. Tekst. prom. 27 no. 12 26-31 D '67.
- 621.09** The first interdepartmental conferences. Stroitel'stvo. 11 no. 5 39 My '66.
- 621.10** In the Scientific and Technical Council of the Ministry of Chemical and Petroleum Machinery Industry. V. I. Rublev. Khim. i metallurgiya, no. 5 40-42 My '68.
- 621.11** Investigating electric properties of arcs and enclosing rocks with the purpose of designing automatic control systems. F. I. Arsh, L. A. Krokin. Izv. vuz. ucheb. zav. i gorn. stroy. 11 no. 2167-170 '68.
- 621.12** "Machinery for the north" (exhibition, 1968-1969). E. A. Kestecher, D. F. Gavrilov. Probl. Sav. no. 19 270-280 '68.
- 621.13** Marxism-Leninism, the motivating power of technical progress. Khim. i metallurgiya, no. 5 1-2 My '68.
- 621.14** [Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur.: Mashinostroyeniye. no. 1, Konstr. i rasch. det. mash. Gidr. nos. 5-7, My-Jl '68.
- 621.15** Mechanization of tomato harvesting. V. P. Medvedev, E. D. Gulyashko. Khim. i metallurgiya, no. 23 no. 4 17-19 Ap '68.
- 621.16** Method for the analytical description of spatially complex surfaces of the products of light industry. S. S. Kvititskiy, L. I. Kopashin. Izv. vuz. ucheb. zav. i tekhn. ing. prom. 45 no. 141-146 '67.
- 621.17** New developments in the chemical machinery industry in foreign countries. A. V. Kurashko, V. P. Abramov, Khim. i metallurgiya, no. 5 42-46 My '68.
- 621.18** OSG-O-5 four-tray gravity seed cleaner. E. M. Perher-shki, P. S. Lezhuk, V. I. Solodkov. Sakh. prom. 42 no. 5 47-48 My '68.
- 621.19** PPR-1 loading machine. A. Fainleib, E. Kuz'menko. Tekhn. 66 5 no. 5 32 My '68.
- 621.20** Partial cases of generalized equations for linear helical surfaces of variable axial pitch. L. D. Recliner. Trudy Tashk. politekh. inst. no. 39 44-51 '67.
- 621.21** Problem of studying machine parameters. I. N. Afanasev. Stroitel'stvo. 32 no. 1 8-11 Ja '68.
- 621.22** Problems of improving passage cuts in heat-producing machines. S. G. Solov'yev, M. S. Tankilevskiy. Trudy, i zhurnal, nauch. i tekhn. 1968. 134-137 '68.
- 621.23** [Problems of technological progress and the organization of production in the machinery industry] Ref. zhur.: Vop. tekhn. prog. i org. prot. v mashinostroyeniye. no. 6, Jo '68.
- 621.24** The procurement department of a plant could work better. Z. Lipanova. Stat. i tekhn. analiz. 3 no. 2 30-32 Mr '68.
- 621.25** Procurement for enterprises manufacturing chemical and petroleum machinery. A. Myshuk. Stat. i tekhn. analiz. 3 no. 1 22-27 Mr '68.
- 621.26** The reform and the wage fund. A. Volkovskiy. Vop. ekon. no. 8 124-130 Jo '68.
- 621.27** Simple closed planetary self-locking mechanism. N. S. Minster, N. M. Fuke. Trudy Tashk. politekh. inst. no. 38 30-36 '67.
- 621.28** Study of mold grain spectra found in commercial cold storage warehouses. G. M. Chislakov, S. A. Kolesnik. Sbor. nauch. rab. INKhI no. 17 11-13 '61.
- 621.29** Study of the operation of boiler installations in a sugar factory under working conditions. B. A. Kremenko. Trudy TSINS no. 3 254-271 '55.
- 621.30** System for protection from level increases in evaporators. I. A. Solenko. Energ. i elek. no. 3 53 My-Je '68.
- 621.31** Technological equipping of the feed unit of the continuous extrusion machinery. M. D. Volovskiy. Khim. prom. 11 no. 1 30-31 Jo '68.
- 621.32** [Technology of machinery manufacture] Ref. zhur.: Tekhn. mashinostroyeniye. nos. 6-7, My-Jl '68.
- 621.33** Trend in the development and improvement of sewing machines. Report No. 3. S. I. Ruzhkov. Izv. vuz. ucheb. zav. i tekhn. ing. prom. no. 6 125-130 '67.
- 621.34** [Turbine manufacture] Ref. zhur.: Turbostroi. nos. 6-7, Jo-Jl '68. Predmetnyi ukazatel' za 1967.
- 621.35** Using tabulators in processing primary information on the reliability of machines. S. V. Dinnshstein, V. N. Sklyunik. Stand. i kach. 32 no. 1 46-10 Ja '68.
- 621.36** Vilnius conference and seminar. Stand. i kach. 32 no. 1 7 Ja '68.
- 621(26)—Oceans. Seas**
- 621.26.01** Device for mixing water in experimental vessels. I. K. Rzhyshevskiy, I. A. Kuznetsova, P. A. Vlasov. Okeanologiya 8 no. 2 347-349 Mr Ap '68.
- 621(47). 43)—Kuybyshev Province**
- 621.47.43.01** Organization of accounting under the new conditions. M. Arinov. Bukh. uch. 27 no. 3 40-42 Mr '68.
- 621(47). 62)—Krasnodar Territory**
- 621.47.62.01** Prevention of scale formation by ultrasound. I. F. Matkovskiy, M. A. Kazantsev. Sakh. prom. 42 no. 3 31-32 '68.
- 621(477)—Ukrainian S. S. R.**
- 621.477.01** Automatic pressure control of packing in the Neulshenberg diffuser. M. A. Ogoryzhskiy. Sakh. prom. 42 no. 3 51 '68.
- 621.477.02** Device for testing of rigging outfits and hoisting conveyer mechanisms. A. P. Stoykov. Sakh. prom. 42 no. 3 48-49 '68.
- 621.477.03** History of machinery manufacturing in the southern Ukraine during the first five-year plan. M. O. Uporchenko. Ukr. tekhn. 11 no. 5 112-113 My '68.
- 621.477.04** Method for perfect operation of the equipment of confecting machines. K. Kh. Jalilov. Khim. prom. 9 no. 3 58-60 My-Jo '68.
- 621.477.05** Starting and adjusting of BN ovens. A. I. Savell'ev. Khim. i metallurgiya, no. 12 60-61 My '68.
- 621.477.06** Summaries of the development of the physical, technical, and mathematical sciences for half a century in the Ukrainian S. S. R., lecture by Academician V. M. Il'yushin, vice-president of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR. Ser. D 30 no. 3 213-223 Mr '68.
- 621.477.07** Testing of the Polish WA 41-1650-type centrifuges. A. I. Volokhov. Sakh. prom. 42 no. 3 7-10 '68.
- 621.477.08** Unit for pumping of mazut from the storage tank. P. G. Shatanov. Sakh. prom. 42 no. 3 40-60 '68.
- 621(479). 25)—Armenian S. S. R.**
- 621.479.25.01** High degree of development of the machinery construction industry. I. Sochinik. Prom. Arm. 10 no. 11 38-40 '67.

- 621.002** Equipment for determining the sharpness of an all metal saw band for a carding machine. I. U. I. Kuroedov. Uch. zap. Ivan. gos. ped. inst. 46:125-128 '67.
- 621.004 Form and shape of products**
- 621.004.01** Effect of heating on diffusion processes and properties of aluminum-copper bimetal. N. M. Voropoi, A. A. Shchegolev. Metallurgiya, no. 12 55-57 D '67.
- 621.004.02** Structure of the fusion zone of a St. 3 + Br. Azh-4 bimetal. E. P. Ponomarenko, S. I. Rublevskiy. Izv. vuz. ucheb. zav. i tekhn. inst. 11 no. 5 150-154 '68.
- 621.007 Servicing, maintenance, assembly, protection and safety devices**
- 621.007.01** Assembly of mechanical equipment and metal members in hydraulic structures. G. A. Polonskiy. Energ. stroy. nos. 10 1188-1190 '67.
- 621.007.02** Improving the design of gas coolers for oxygen compressors. I. S. Dvorkin, Kh. Sh. Khamatov. Khim. i metallurgiya, no. 5 37-36 My '68.
- 621.008 Machinery, plant or apparatus according to motive force or power**
- 621.008.01** Experimental study of single-phase current supply of an automated capacitor motor drive of a centrifugal submergence pump. I. M. Il'yushin, D. I. Recliner. Izv. vuz. ucheb. zav. i tekhn. inst. 10 no. 11 44-46 '67.
- 621.01 Mechanical engineering theory and principles. Design and construction of machinery**
- 621.01.01** Calculation and selection of atomizing devices for modern sprayers. Zh. M. Sudil. Trakt. i sel'khozmasht. no. 2 31-33 F '68.
- 621.01.02** Calculation of the basic parameters of sprayer air jets. M. I. Georgiev, S. F. Prokopenko. Trakt. i sel'khozmasht. no. 2 30-31 F '68.
- 621.01.03** Certain causes of ragged edge formation and of strip breaking in cold rolling of strips and plates. M. I. Kuprin, V. Kh. Bulzholov. Sbor. nauch. i tekhn. inst. politekh. inst. no. 102 237-244 '67.
- 621.01.04** Direction of action of disk roller operating parts. V. I. Lefelin. Trakt. i sel'khozmasht. no. 2 25-26 F '68.
- 621.01.05** [Machinery Manufacture Publishing House, Moscow, Publications in 1968. Bibliographical index] Mashinostroyeniye, Izdatel'stvo, Moscow, Izdaniya za 1968 god. Bibliograficheskiy ukazatel', Moskva, "Mashinostroyeniye," 1967. 338 p.
- 621.01.06** Nechayevskiy, V. I. [Structural analysis and methods for the construction of reliable systems] Strukturalnyy analiz i metody postroyeniya nadezhnykh sistem. Moskva, "Sov. radio," 1968. 256 p.
- 621.01.07** Motion of nonplanar planes of reversible speeds of link gears and mechanisms with double motion kinematic pairs. N. S. Minster, N. E. Khudzhimurat. Trudy Tashk. politekh. inst. no. 39 43 '67.
- 621.01.08** Rezhel'niko, M. A. [Theory of cylindrical drums for grain cleaning machines] Voprosy teorii i konstruirovaniya mashin. 54 p. (Moscow, Vsesoyuznyi inzhenerno-tekhnicheskii institut sel'skhozhozhaystvennogo mashinostroyeniya, Trudy no. 181).
- 621.01.09** Substantiation of the aperture angle setting for cultivator sweep blades. Trakt. i sel'khozmasht. no. 2 22-23 F '68.
- 621.01.10** System of basic concepts of machine technology. P. V. Lubadov. Uch. zap. Ivan. gos. ped. inst. 46:60-70 '67.
- 621.011 Theory, principles and practice of automation; Automatic control**
- 621.011.01** About the nature of dynamic errors of a contact-type pickup in automatic self-control. B. M. Kodlyk. Avtomatiz. prot. prot. v mashinostroyeniye, no. 5 54-60 '67.
- 621.011.02** Achievements and tasks of the automation of proportioning charge materials. I. I. Sankov. I. i. prot. v mashinostroyeniye, no. 12 28-29 D '67.
- 621.011.03** Adaptation of systems of information reception and processing and theory of stochastic analysis. V. G. Replio, O. P. Tartakovskiy. Avtom. i telem. no. 3 71-84 Mr '68.
- 621.011.04** Aggregation, optimization and control over the organizational structure of large systems. I. Kulkovskiy. Ekon. i mat. metod. 4 no. 1 65-85 Jo F '68.
- 621.011.05** All-Union Conference of the Workers of the Sugar Industry on the automation of technological processes. M. I. Ahtelovich. Sakh. prom. 42 no. 3 40-47 '68.
- 621.011.06** Application of Kolmogorov's equations to the analysis of stochastic processes in systems with variable structure. A. K. Nikitin, G. M. Ulanov. Avtom. i telem. no. 4 34-41 Ap '68.
- 621.011.07** Application of programmed control for automatic orientation. V. A. Stokulovich. Avtomatiz. prot. prot. v mashinostroyeniye, no. 5 61-67 '67.
- 621.011.08** Application of the maxima method to the selection of optimal design parameters of a furnace. E. M. Goldfarb, E. S. Geshkin. Izv. vuz. ucheb. zav. i tekhn. inst. no. 5 177-181 '68.
- 621.011.09** Application of S. A. Tchebychev's theorem to the synthesis of the parameters of the self-adjustment circuits of systems using information on amplitude frequency characteristics. V. I. Il'yushin, V. N. Sorin-Cholokov. Avtom. i telem. no. 4 82-71 Ap '68.
- 621.011.10** Application of Z-transformations to exponential approximation of correlation and transfer functions. A. A. Kardashev. Avtom. i telem. no. 3 81-70 Mr '68.
- 621.011.11** Approximate solution of a problem of analytical design of a controller for a system with delay. E. M. Markushin, S. N. Shinnikov. Avtom. i telem. no. 3 13-20 Mr '68.

Taran, V. A., S. S. Brudnik, and M. N. Kolanov. [Mathematical aspects of the automation of production processes.] Matematicheskie voprosy avtomatizatsii proizvodstvennykh protsessov. Moscow, "Vyssh. shkola," 1978, 216 p.

Technical and economic effectiveness of automation in track management. V. I. Nemkova. Trudy MHT no. 123 112-143 '66.

Technical and economic effectiveness of the automation of the steel chemical industry. G. A. Malinovsky. Gidrotex, Tekhnich. prom. 21 no. 1 21-30 '68.

Theoretical and experimental investigations of the discrete systems with regard to the automatic control of conveyor equipment. A. N. Marichev, A. A. Malchukov. Vopr. tekh. nauk. no. 10 47-62 '67.

Technical bases of automatic control systems of metallurgical production for various devices. B. I. Lofin. Tekhnich. nauk. no. 10 11-14 '67.

Vasov, G. A., S. B. Akseil'rod, and I. I. Isakov. [Automatic control and instrumentation in marine power plants.] Avtomatika i kontrol'no-izmeritel'nye pribory avtomaticheskikh silovyykh stantsiy. Moscow, "Transport," 1967, 105 p.

621.01(471.310) —Marine City

The reform and technological process (conclusion). I. Kuznetsov. Tekhn. zhurnal' 10 no. 1:50-62 Jan '69.

621.01(470) —White Russian S.S.R.

Study of the labor force. B. Rudavskaya. NTO 10 no. 3:35-36 May '69.

621.01(477) —Ukrainian S.S.R.

Technical-economic effectiveness of the automation of top fueling and refueling at Arzhanyskiy Atomnyy Yedro. M. B. Kuchanov, H. S. Gulyanov, V. A. Vysotskiy. Khar. prom. 2 no. 2:12-14 May '69.

621.01(575.1) —Uzbek S.S.R.

Integrate automation in ore dressing plants. F. Zeldin, G. Rannov. Tekhn. zhurnal' 10 no. 1:60-62 Jan '69.

621.03 Physical engineering and technological principles

Rips, S. M. [Fundamentals of thermodynamics and heat engineering.] Osnovy termodinamiki i toplotekhniki. Moscow, "Vyssh. shkola," 1968, 344 p.

Silver plating and passivation in an ultrasonic field. V. M. Zaitchuk, H. S. Firman. Tekhn. i org. proizv. no. 3:60-61 May-June '68.

621.032 Nuclear technology. Nuclear and atomic energy

A decrease in atomic power engineering. A. K. Nizalov. Vestn. AN BSSR, Ser. fiz.-tekhn. nauk. no. 2:51-61 '68. Approximate study of the kinetics of a subcritical reactor in the case of unimodal plasmers in equilibrium. P. S. Dotsik. Vestn. AN BSSR, Ser. fiz.-tekhn. nauk. no. 2:22-28 '68.

Griff, O. P., and others. [Secondary nucleons forming through proton interaction with nuclei of the shielding.] Vtorichnyye yadrony, obrazuyushchiesya pri vyzhizmotstvenii protonov s izlucheniye zashchity. Moscow [1960] 34 p. [MICROFILM.]

Calculation of the operating stability of a water-moderated reactor cooled boiling reactor. I. P. Sutepov. Vestn. AN BSSR, Ser. fiz.-tekhn. nauk. no. 2:10-21 '68.

Changes in viscous and thermal properties of petroleum lubricants under the influence of nuclear radiation. M. M. Melnik and others. Azerb. nef. khoz. 47 no. 5:81-83 May '68.

Circulation and use of a system for raising plants in an atmosphere with liquefied nitrogen. V. V. Zerkov, H. M. Lopovov. Trudy VUA no. 44:272-278 '66.

Construction of atomic power plants. G. V. Yermakov. Energ. stroit. nos. 10:11-64-68 '67.

Use of accelerated factors near radiation sources for water and thermo-equivalent substances. V. K. Drozdov, I. R. S. Ilyashkin. Radiatsionnaya fiz. 5 no. 2:25-32 May '68.

Effect of fertilizers and preplanting irradiation of seeds on germination rays C₆₀ on the quality of such grain. B. A. Vlasov, V. V. Marichev. Dop. AN BSSR, Ser. 11 no. 30:2:167-171 '68.

Energy balance and the possibility of a self-sustaining thermonuclear reaction in a mirror trap. D. V. Sivakhin. Vopr. tekh. nauk. no. 6:139-160 '67.

Formation of organic bond by the recoil atom of a radioactive phosphorus after nuclear reaction ³²Cl(n, p)³¹P in chloromethanes. N. I. Ilyukhin, I. A. Korshunov. Radiatsionnaya fiz. 5 no. 1:58-63 '68.

Formation of phosphorus-32 labeled alkyl phosphates during neutron irradiation of cyanine triethanol with addition of alcohol. N. I. Galov, I. A. Korshunov. Radiatsionnaya fiz. 5 no. 1:61-70 '68.

Nauchno-prakticheskaya konferentsiya po lapol'zovaniyu izotopov v khimicheskoy i v narodnoy khoziashtvo. Boguchar, 1967. [Materials of the Scientific and Practical Conference on the Use of Isotopes in the National Economy]. Materialy. Tula, Priok. kn. izd., 1967, 321 p.

Nonuniform burnup in reactors with a reflector. I. V. Sergeev. Vestn. AN BSSR, Ser. fiz.-tekhn. nauk. no. 2:20-32 '68.

[Nuclear reactors] Ref. zhur.: Izd. rosk. no. 7 11 '68.

Scientific and technical progress and the Country's defense ability. A. Chepurinov, N. Dovbin, Komm. Vooruzh. Sil. 49 no. 4:53-59 '68.

Selecting the parameters of kinetic equations according to experimental data. B. T. Poliak, V. A. Skokov. Vych. met. i prog. no. 9:167-178 '67.

Sokolovskiy, E. V. [Use of radioactive isotopes in the control of the development of oil fields.] Primerenie radioaktivnykh izotopov dlia kontrolya za razrabotku nefteynykh mestorozhdeniy. Moscow, "Nedra," 1968, 180 p.

Francium oxide as fuel material for atomic reactors. V. I. Koshakoski, A. M. Lektov. Zhur. VEIO 13 no. 2:107-111 '63.

Changes in viscous and thermal properties of petroleum lubricants under the influence of nuclear radiation. M. M. Melnik and others. Azerb. nef. khoz. 47 no. 5:81-83 May '68.

621.03(471) —South America

A nuclear zone in Latin America. M. Nizalov. Tekhnich. zhurnal' 15 no. 7:47-55 '68.

621.1 Steam power. Engines. Boilers

Analysis of the heating device of a thrust bearing on working supports. K. E. Kuvarskiy, S. L. Golitskiy, M. M. Volynskiy. Energomashinostroyeniye 14 no. 4:11-16 Apr '68.

Automatic regulation of the gap between electrodes in electrochemical metalizing. H. I. Morozov. Energomashinostroyeniye 14 no. 4:20-30 Apr '68.

[Boiler manufacture] Ref. zhur.: Kholostr. nos. 5-7 May '68.

Calculation of the speed of the formation of condensation on a supercooled steam. M. E. Heich, V. F. Stepanov, G. A. Salimov. Izv. AN SSSR, Energ. i transp. no. 2:14-39 Apr '68.

Course for blade damages of the regulating stage of the R-200 PM turbine. H. V. Zvenkevich, V. F. Shtegov, A. A. Pashkov. Energomashinostroyeniye 14 no. 4:6-9 Apr '68.

Characteristics of the PS-1 and PS-2/TZ-2 steam condensers. G. D. Sklovskiy, M. D. Roditskiy. Energomashinostroyeniye 14 no. 4:44-46 Apr '68.

Combined flow sheets of chemical cleaning and protection of steam and direct flow boilers. B. K. Gorskoy, M. V. Novitskiy, G. D. Sklovskiy. Energ. stroit. no. 12:26-29 '67.

Condensation of water vapor by air cooling with the use of multistage addition. L. I. Burstein, M. S. Shvachov. Tekhn. i ustroystva, vol. 13 no. 3:45-46 '68.

Construction of large modern steam turbines in the United States, Great Britain, and France. B. M. Ruditskiy. Energomashinostroyeniye 8 no. 6:45-46 June '62.

Controlling the overheating of high-power units. H. I. Izrael, I. S. Smolovskiy-Vudkov. Energomashinostroyeniye 14 no. 1:35-38 Apr '68.

Effect of initial clearance and angle of attack on carrying aerodynamic forces acting on moving blades. A. S. Lashin, F. A. Stukov. Energomashinostroyeniye 14 no. 4:49 Apr '68.

Effect of leakage in the turbine of the TP-100 boiler on its efficiency and operational reliability. H. I. Kuvarskiy, G. M. Litvinov. Energ. i tekhn. no. 1:5-7 Jan '68.

Effect of the dependence of salt on the efficiency of R-100-50 turbines. I. P. Martynov, V. V. Pastukhov. Energ. i tekhn. no. 1:11-12 Jan '68.

Efficient position of a gas turbine in the case of a high-pressure boiler. H. S. Gurevich. Tekhnich. nauk. 50 no. 5:123 May '63.

Experience in using electric boilers in supplying steam for drilling rigs. V. S. Afanasyev, S. M. Bonellants. Mash. i ustroystva, no. 3:29-30 '68.

Filling of boilers with water prior to their start without pumps. Energ. i tekhn. no. 3:55 May '68.

For precise recording of revolutions. I. G. Rukonov. Vopr. proizvodst. zhur. no. 3:69-71 May '68.

Ball seal: testing of ceramic axial parking materials. D. M. Lashin and others. Tekhnich. nauk. no. 5:52-53 May '68.

"Carover" air preheater for steam boilers. G. I. Litvin and others. Energ. i tekhn. no. 12:13 Jan '68.

Heat insulation and brickwork in power plants. S. P. Voronov, D. Z. Isakov. Energ. i tekhn. no. 10:18-20 '67.

Heat transfer and pressure loss in heat exchangers with disk-ring type tubes. V. A. Shvachov, A. A. Kolobov, I. S. Ilyashkin. Energomashinostroyeniye 14 no. 4:23-24 Apr '68.

Increasing the reliability of the arrangement with water-recirculation ejectors in the passage of the TP-200 single-pass boiler for a 600 megawatt boiler. P. I. Borovik, I. G. Gorskoy. Energomashinostroyeniye 14 no. 4:26-29 Apr '68.

Interaction of water vapor with carbon of solid fuel under pressure. A. B. Kozlov, L. S. Likhov. Izv. vuz. orib. zav. i khim. i tekhn. tekhnologiya 10 no. 11:1241-1244 '67.

Investigating the air passage of the PK-39 boiler. A. I. Goncharov, A. I. Ivanov. Energomashinostroyeniye 14 no. 4:12-14 Apr '68.

Udaova, E. M., and M. V. Shirokikh. [Intensification of work of steam boilers of railroad boiler rooms.] Intensifikatsiya raboty parovykh kotlov kolei'nykh zhelozhnic dorozhnogo transporta. Moscow, "Transport," 1967, 31 p.

Lysonko, V. K., and B. I. Labochkin. [Marine steam boilers and their operation.] Sudovyye parovyye kotly i ikh ekspluatatsiya. Izd. 2-o, perebotat. Moscow, "Transport," 1967, 384 p.

Mastery of 300mw. power generating blocks in electric power plants of the Ukrainian S.S.R. V. P. Shvachov, R. F. Indychenko. Energ. i tekhn. no. 1:3-5 Jan '68.

Onishchenko, N. P. [Operation of industrial and heating boiler installations.] Ekspluatatsiya promyshlennykh i otopitel'nykh kotlov'nykh ustanovok. Moscow, Stroiizdat, 1967, 311 p.

Operation of combustion chambers equipped with aerolubricated burners and having a cylindrical and conical mouth. V. V. Nizov and others. Energomashinostroyeniye 14 no. 1:1-4 Apr '68.

On the action of heat-transmitting surfaces by superheated steam as a means of corrosion control. N. I. Pashkov, V. A. Burakov. Tekhnich. nauk. no. 3:35-50 May '68.

Preparation of concrete and mortar mixes for brickwork in nuclear installation works. F. G. Golosov. Energ. i tekhn. no. 12:26-29 '67.

Prevention of explosions of compressed gas containers. V. V. Rodzior. Bozop. truda v prom. 12 no. 6:17-18 June '68.

Prospects and methods for the realization of emergency regulation of steam turbines. G. A. Doroshenko, A. N. Lyubskiy, V. N. Trachina. Trudy VNIIE no. 20:216-234 '67.

Restoring of cold industrial superheating pipes of TP-100 boilers. Energ. i tekhn. no. 3:55 May '68.

Repair of feedwater economizers of TP-100 boilers in the electric power plants of the Donetsk Basin Electric Utility System. V. V. Gorbachevskiy. Energ. i tekhn. no. 3:4-7 May '68.

The SR-100 turbine with cooling for operation on steam with supercritical parameters. L. A. Shchegolev, S. I. Gorbachevskiy. Energomashinostroyeniye 8 no. 6:1-10 June '62.

Scientific and technical conference on steam and gas turbine power generating systems. M. I. Kuznetsov. Energomashinostroyeniye 8 no. 6:21 June '62.

Selecting rated temperatures of the wall of steam superheating pipes. L. A. Shchegolevskiy. Energomashinostroyeniye 14 no. 4:37-39 Apr '68.

Selection of the parameters of steam in electric power plants of advanced capitalist countries. A. N. Gelfman, A. B. Polak. Energomashinostroyeniye 8 no. 6:12-15 June '62.

Seredin, V. I. [Measuring equipment with high-temperature transformer-type displacement transducers.] Izmeritel'nyye ustroystva s vysokotemperaturnymi transformatornymi datchikami peremeshcheniya. Moscow, "Energiya," 1968, 81 p. (B-Ka po avtomatike, Vyp. 270.)

Shadrin, E. N., and V. A. Dragin. [Thermal rating of action multi-stage steam turbines. Manual for a course in designing steam turbines.] Topikov raschet aktivnykh i nepostoyannykh parovykh turbin. Pochby k kursovym proektirovaniyu parovykh turbin. [Omsk] Zapadno-Sibirskoye IZD., 1965, 84 p.

[MICROFILM.]

Slotted made of polyethylene sheet used in the laying of foundations for turbine units during the winter. B. A. Ilyushin, A. K. Kuznetsov. Energ. i tekhn. no. 12:22-23 May '68.

Some results of the use of "Kompleks" type system in automatic control of the principal parameters of a 200 Mw. block. M. A. Durb. Energ. i tekhn. no. 3:17-20 May '68.

Study of the casting of components with bifurcations. G. M. Balaban, T. M. Balaban. Energomashinostroyeniye 8 no. 6:1-4 June '62.

Studying scale for metal during the operation of a slide evaporator. V. I. Kovalchuk, V. P. Sierlov, H. I. Kozlov. Tekhnich. nauk. no. 5:23-25 May '68.

Technical and economic indices of the manufacture of steam turbines. H. V. Trukhanov, N. I. Bolnikov, M. I. Lashin. Energomashinostroyeniye 8 no. 6:22-25 June '62.

Thermophysical characteristics of water vapor. Energomashinostroyeniye 8 no. 6:47-50 '62.

Unified bank of block cast-iron economizers. A. V. Chibrikov, A. P. Popov. Energomashinostroyeniye 14 no. 4:31-35 Apr '68.

Using acid electrolytes for welding steam pipe made of 15Kh1M1 steel. A. Z. Komarovskiy, I. D. Razuvov. Energ. i tekhn. no. 12:32-34 '67.

Ventilation intake in a turbine stage. A. D. Mezhenitskiy. Energomashinostroyeniye 8 no. 6:29-33 May '62.

Water heating of the drums of the TP-100 boiler during the start operation. G. M. Litvinov, H. I. Kuznetsov. Energ. i tekhn. no. 3:7-8 May '68.

621.1(477) —Ukrainian S.S.R.

Vacuum sprays of 200 Mw. blocks of the Lugansk State Regional Electric Power Plant from coal slates. M. N. Grombush, A. T. Kravchuk. Energ. i tekhn. no. 1:9 Jan '68.

621.22 Water power. Utilization of hydraulic energy

Automatic water-regulated displacement hydraulic drive for machine tools. E. M. Khaimovich, D. I. Sulava. Tekhn. i org. proizv. no. 3:38-41 May '68.

Calculating the flow dividers. M. B. Raigor. Izv. vuz. orib. zav. i khim. i tekhn. tekhnologiya 11 no. 3:92-95 '68.

[Cast iron reversing action valves for Py of 10 and 16 kgs per cm².] Khlapnyy chuzhnyy poroshchok chugunnoy Py 10 i 16 kgs/cm². GOST 9895-67, GOST 13244-65-67. Moscow, [Izd. standartov], 1967, 48 p. (Gos. standarty SSSR.)

Compact hydroelectric generators for derivation power plants. A. G. Sarkisyan. Gidrotex. 37 no. 10:10-11 '68.

Compressed air admission in the rotor-wheel area under unsteady operating conditions of a Francis turbine. N. K. Burkov. Energomashinostroyeniye 14 no. 4:39-40 Apr '68.

Dynamics of a torque converter. G. I. Kuz'min. Trudy MHT no. 257:24-31 '68.

Effect of the time constant of servomotors on the stability of control systems for hydraulic turbines. G. I. Kravchenko, G. I. Nudel'man. Energomashinostroyeniye 14 no. 4:4-6 Apr '68.

Group excitation of a multiple-unit block of encapsulated hydroelectric generators. S. I. Polashnik. Energ. i tekhn. no. 1:35-37 Jan '68.

[Hydraulic machines] Gidravlicheskiye mashiny. Kiev, "Tekhnika," (Reap. mezhvuz. nauch.-tekhn. sbornik), [Vyp. 1]. 1967, 170 p.

- Improvement of a method for calculating transient processes in the regulation of hydraulic turbines. V. A. Timon. *Elektromashinostroyeniye* 6 no. 6:14-19 Je '64.
- Investigating the hydraulic press method of assembling conic joints in hydraulic transmissions. A. A. Il'yashenko, A. V. Solov'ev. *Tekhn. MFT* no. 241:72-81 '67.
- Meeting of several branches of industry, on the manufacture of generating machinery. *Elektromashinostroyeniye* 8 no. 6:41-42 Je '62.
- Method for determination of pressure fluctuations in the flow area of a hydraulic turbine. K. A. Shramko. *Gidr. stroit.* 37 no. 4:24-25 Ap '67.
- Power characteristics of rectangular scroll cases. I. I. Mikhailov, B. A. Zil'vinskii. *Gidr. stroit.* 37 no. 11:8-10 N '65.
- Repair of the hydraulic system units of tractors. V. I. Kravtsov. *Tekhn. prom.* 45 no. 4:5-6 '66.
- Repair of turbine runner flanges. A. P. Irvinskii, V. S. Kaban. *Gidr. stroit.* 37 no. 11:50-51 N '66.
- Testing of a runaway protection system using a horizontal unit of the Kamenskaya Hydroelectric Power Station. V. Z. Malyshev. *Elektromashinostroyeniye* 8 no. 6:39-41 Je '62.

621.3 Electrical engineering

- Conditions of the electric power supply of stop electric loads and certain ways of its improvement. M. I. Ozerov, E. M. Pavlovich. *Izv. vuzov, elekt. i avtom. mashin.* 11 no. 2:155-160 '65.
- Determination of energy consumption for imparting velocity to steered ground. V. P. Sinitin. *Izv. vuzov, elekt. i avtom. mashin.* 11 no. 3:11-14 '66.
- [Electrical engineering and electric power] Ref. zhur. *Elektrotekh. i energ.* nos. 6-7 Je-Ju '68.
- [Electrical engineering and electric power] Ref. zhur. *Elektrotekh. i energ.* nos. 6-7 Je-Ju '68.
- [Electrical engineering and electric power] Ref. zhur. *Elektrotekh. i energ.* nos. 6-7 Je-Ju '68.
- [Electrical engineering and electric power] Ref. zhur. *Elektrotekh. i energ.* nos. 6-7 Je-Ju '68.

- Vyp. 7. Kacatovich, M. M. [Construction of overhead power transmission lines with voltages up to 110 kv]. *Montazh vodostoyannykh linii elektroperechodov do 110 kv*. Izd. 3-o, pererabot. i dop. 1968. 255 p.

- Experimental determination of frequency for the transmission of radio signals in coal mines. A. A. Ivanov, L. G. Sakalo, M. S. Puskas. *Izv. vuzov, elekt. i avtom. mashin.* 11 no. 2:171-173 '68.

- Experimental study of the operational capacity of the drive of the "Multitrip" (regular knifing machine). B. F. Pipa, V. P. Serdiak. *Izv. vuzov, elekt. i avtom. mashin.* 11 no. 3:135-140 '67.

- Fast-operating contactless reversing units in automatic wrapping machines. V. I. Lutsyk, B. N. Gonshteyn, N. I. Karov. *Kideli, i kond. prom.* 12 no. 5:19-22 My '68.

- Iakovlev, M. N., and T. K. Iakimov. [Electrical engineering, a textbook for correspondence students of technological and commercial departments] *Elektrotehnika; uchebnoe posobie dlia studenov zaochnogo tekhnologicheskogo i tovarovednogo fakul'tetov*. Moskva, 1966. 253 p.

- Impedance of a current carrying turn located near conductors with spherical and cylindrical surfaces. M. A. Vygodin. *Uch. zap. CFPI* no. 3:14-15 '68.

- Investigating the processes of the amplification of a group of ternary components of the Al III C₂V₁ type by means of mass spectrometry. S. S. Struchanov and others. *Zhur. fiz. khim.* 42 no. 12:3118 D '67.

- Materialy k 50-letiiu elektrotehnicheskoi inzh. i tekhn. shkol. *Materialy k 50-letiiu elektrotehnicheskoi inzh. i tekhn. shkol.* Conference of the Leningrad Scientific and Technological Institute of Communication, March 25-31, 1967. Materialy 10-letniy nauchno-tekhnicheskoi konferentsii I.EiS, 25-31 marta 1967 goda. Leningrad.

- Vyp. 1. [1967] 190 p.
Vyp. 2. [1967] 190 p.
Vyp. 4. [1967] 255 p.
Vyp. 5. [1967] 113 p.

- Madorek, S. L., and A. M. Shapiro. [Electric equipment of hydraulic structures for navigation improvement] *Elektrooborudovaniye transportnykh gidrosostroyeni*. Moskva, "Transport", 1967. 210 p.

- Methods for studying plasma systems. A. K. Zelig. *Elektromashinostroyeniye* 22 no. 4:70-77 Mr '68.

- New technological developments in post-harvest grain processing. V. Oleinikov, V. Zolotarev. *Tekhn. i sel'sk. khoz.* 28 no. 4:43-46 '68.

- Nonsteady interaction between a jet of conducting gas and a given electric circuit. V. A. Il'yashenko and others. *PIFTE* no. 2:59-67 Mr-Apr '68.

- Pillgud, V. G. [Work organization and wages in electric installation work] *Organizatsiya i zarabotnaya plata na elektromontaznykh rabotakh*. Moskva, Stroizdat, 1968. 88 p. (3-chka elektromontaznika).

- A plant and an integral. I. Bagdasarian. *Prom. Arm.* 10 no. 11:58-60 '67.

- Processes in acidic dissolution of zinc electrodes with dense electrolytic zinc deposit in current sources with alkaline electrolyte. Z. P. Arkhangelskaya, G. P. Andreyeva, M. N. Blagoveshch. *Zhur. prikl. khim.* 41 no. 1:118-120 Je '68.

- Radio wave transducers for rock level control. S. A. Vinokurov, L. G. Sakalo, M. A. Zadorozhny. *Met. i zornod. prom.* no. 2:68-69 Mr-Apr '68.

- Rais, E. G. [Reinforced concrete with electrothermally tensioned reinforcement. Design, production, and research] *Zhelezobeton s elektrotremicheskimi natiizhenimi armaturoy*. (Proektirovaniye, proizvodstvo, issledovaniya). Moskva, Stroizdat, 1967. 231 p.

- Solve the problem of repairing explosion-proof electrical equipment. I. A. Tui. *Cidirozh. i teoskhim. prom.* 21 no. 1:31 '68.

- Study of the resonance curves of a series staged semiconductor tank. V. L. Vladimirov, V. Z. Topchil. *Teor. elektrotel.* no. 3:16-26 '67.
- Substitution of the aperture angle setting for cultivator wheel blades. B. I. Kravchenko. *Trak. i sel'khoz. mashin.* no. 2:23-25 '65.
- Synopsis of mathematical modeling methods in power engineering. A. S. Rozmikovskii. *Gidr. stroit.* 37 no. 11:53 N '65.
- Tikhomirov, A. V., P. L. Tikhomirov, and B. P. Iaryshev. [Fundamentals of electrical engineering, electronics, and radio engineering] *Osnovy elektrotehniki, elektroniki i radioelektroniki*. Izd. 2-e, pererabot. i dop. Leningrad, "Nedra", 1967. 471 p.
- Use of optical glass as backing for photocathodes. O. M. Chotorenko, V. K. Pol'khin. *Opt. i mekh. prom.* 35 no. 4:44-45 Ap '68.

621.3(477)—Ukrainian S. S. R.

- From the history of the rise and development of electrical principles of electrical engineering in the Ukraine. A. M. Mitush, S. I. Kirpatovskii. *Teor. elektrotekh.* no. 3:3-15 '67.

621.31 Power supply, distribution and control

- Automatic optimization of the operating mode of a tribo-generator. I. I. Krutetskii, I. S. Mirozov, V. V. Morozov. *Avtomatiz. proizv. prots. v mashinost. i prom.* no. 5:30-33 '67.
- International conference on industrial power systems. *Indust. i elektr.* no. 1:51-52 Ja-F '68.
- School of progressive experience. *Energ. i elektr.* no. 1:52-53 Ja-F '68.
- Scientific and technical conference on the use of network accessible graphs in general overhead of power generating equipment. *Energ. i elektr.* no. 3:51 My-Je '68.
- System for protection from level increases in exsaporators. I. A. Salenko. *Energ. i elektr.* no. 3:53 My-Je '68.
- Work of power engineers according to the new system. V. I. Masanov. *Energ. i elektr.* no. 3:48-49 My-Je '68.

621.31(477)—Ukrainian S. S. R.

- Events and facts from the development of electric power engineering in the Ukrainian S. S. R. *Energ. i elektr.* no. 1:53-56 Ja-F '68.

621.31(477.25)—Armenian S. S. R.

- Light over the Republic. S. Vartanian. *Prom. Arm.* 10 no. 11:30-32 '67.
- Projection of electric load increase of network transformers. C. Nersisyan. *Prom. Arm.* 10 no. 9:10-18 '67.
- Some problems in optimizing the heat and power supply in the industry of the Republic. Z. Kucen. *Prom. Arm.* 10 no. 9:10-18 '67.

621.311 Power generation, supply. Power stations

- Aluminum panels for the construction of movable walls in main structures of thermal power stations. M. S. Kharichan, A. A. Kronfeld, E. N. Pol'man. *Energ. i elektr.* no. 12:9-13 '67.
- Analysis of the operating modes of electric power systems using electronic computers. *Analiz rezhimov elektrosistemicheskikh sistem pri pomoshchi vychislitel'nykh mashin*. Kiev, "Naukova dumka", 1968. 182 p. (Reap. mezhv. sbornik. Problemy tekh. elektrodinamiki).

- Closing of the grid doors of bus line and line separator stages with bus line and line separator in indoor-type 3-10 kv. power distribution systems. *Energ. i elektr.* no. 3:53 My-Je '68.

- Construction of atomic power plants. G. V. Krutakov. *Energ. i elektr.* no. 10:164-68 '67.
- Construction of hydroelectric power plants. N. V. Razin. *Energ. i elektr.* no. 10:16-21 '67.

- Construction of thermal power plants. E. V. Sapozhnikov and others. *Energ. i elektr.* no. 10:12-34 '67.
- Controlling the overheating of high-power units. R. I. Druzhinskii, I. S. Stoyakov. *Energ. i elektr.* no. 10:12-34 '67.

- Designing and construction of control thermal power plants. A. S. Pod'nikov. *Energ. i elektr.* no. 10:13-34 '67.

- Designing of electric transmission lines and substations. S. S. Rozolot. *Energ. i elektr.* no. 10:11-109 '67.
- Designing of thermal power plants. I. A. Alekseev. *Energ. i elektr.* no. 10:11-109 '67.

- Dolgoy, P. P. [Mathematical models in the analysis of the economic aspects of power engineering] *Matematicheskie modeli ekonomicheskogo analiza*. Leningrad, "Nauka", 1968. 85 p.

- Effects of errors of initial data on the results of the calculation of steady-state operation of power systems. V. I. Iofel'chik. *Izv. AN SSSR, Energ. i transp.* no. 2:9-15 Mr-Apr '68.

- Efficient types of crawler cranes for the construction of thermal power plants. N. Z. Tutsnev. *Energ. i elektr.* no. 12:13-22 '67.

- Gol'tsman, V. Kh. [Design of hydroelectric power plants and overflow dams] *Raschet zdani GES i vodostoyannykh plotin*. Moskva, "Energiz", 1968. 184 p. (3-chka "Gidrotehnika i gidroenergetika" Vyp. 3).

- Graphical method for calculating the height of the chimney of electric power plants and large boiler systems. I. M. Vokshet, M. V. Zata, I. M. Ushman. *Energ. i elektr.* no. 1:13-14 Ja-F '68.

- Heat insulation and bricking-in in power plants. S. T. Voronkov, I. Z. Isarov. *Energ. i elektr.* no. 10:11-60 '67.

- Improving the design of piping for power units with the help of computers. D. I. Koslovskii, E. M. Tyrnarov. *Energ. i elektr.* no. 12:88-92 '67.

- Industrial basis for power plant construction. P. K. Kravchenko, G. M. Vainalshin. *Energ. i elektr.* no. 10:117-125 '67.
- Installation of mechanical heat equipment in thermal power plants. M. I. Arkhakov, S. P. Gencelarov, I. B. Slonimskii. *Energ. i elektr.* no. 10:1149-56 '67.

- Introduction of large power generating blocks in electric power plants in the U. S. S. R. I. P. Iofel'chik. *Energ. i elektr.* no. 3:50 My-Je '68.

- Modernization of power plant construction work. A. P. Rydanov and others. *Energ. i elektr.* no. 12:11-12 '67.

- Method of calculating the optimal load distribution between generating units of a hydroelectric power station. A. M. Il'yashenko, V. D. Ustin. *Gidr. stroit.* 37 no. 5:43-48 My '67.

- New design solutions for the construction of 35 kilovolt substations. G. N. Ulenogov. *Energ. i elektr.* no. 12:61-67 '67.

- Prospect for simplifying some engineering and economic indices of steady-state modes of power systems using electrodynamic models. V. A. Vunkov, I. S. Roke, S. D. A. Fedorov. *Izv. AN SSSR, Energ. i transp.* no. 2:3-8 Mr-Apr '68.

- Protection of marine electric power systems against short-circuiting. V. N. Konyantsev, M. I. Vainov. *Substroirom.* 53 no. 6:25-31 My '63.

- Selecting and arranging, with the help of a computer, the cranes necessary for the erection of the main building of a thermal power station. A. A. Guskov, V. G. Maier, M. S. Iofel'chik. *Energ. i elektr.* no. 12:62-65 '67.

- Selection of economical initial data parameters for industrial thermal electric power plants with medium power rating. G. P. Zelenak, F. A. Iofel'chik. *Energ. i elektr.* no. 1:42-43 Ja-F '68.

- Socialist commitments. *Gidr. stroit.* 37 no. 5:1-2 My '67.

- Specific norms of the consumption of electric energy in the pumping of petroleum and petroleum products to pipelines. B. A. Chernitsky, A. R. Chukov. *Tras. i khim. mel' i neft'prom.* no. 1:20-31 '68.

- Study of the actual effectiveness of capital investments based on the example of an industrial local electric power plant with medium capacity. F. A. Iofel'chik. *Energ. i elektr.* no. 3:40-51 My-Je '68.

- Temporary heating of the main hall of a thermal power plant. V. G. Iofel'chik. *Energ. i elektr.* no. 12:38-41 '67.

- Use of computers in power engineering. *Primenenie vychislitel'nykh mashin v energetike*. Pod red. V. A. Vunkova. Moskva, "Energiz", 1968. 343 p.

- Welding operations during the installation of mechanical heat equipment in power plants. S. S. Aleksov, F. A. Khromchukov. *Energ. i elektr.* no. 10:11-60 '67.

621.311(477)—Czechoslovakia

- New system of planning and financing in large-scale construction in Czechoslovakia. V. I. Masanov. *Energ. i elektr.* no. 1:49-50 Ja-F '68.

621.311(477.1)—Northern R. S. S. R.

- Efficiency of small-scale power engineering. A. P. Bulkin. *IU. M. Dogaev. Probl. Sev.* no. 13:251-255 '68.

621.311(477.317)—Kosrov Province

- On a large-scale construction site. *Part. zhur.* no. 12:64-66 Je '68.

621.311(477)—Ukrainian S. S. R.

- Mastery of 300mw. power generating blocks in electric power plants of the Ukrainian S. S. R. V. P. Iofel'chik, I. U. Iofel'chik. *Energ. i elektr.* no. 1:3-5 Ja-F '68.

- Operation of the Darnitsa Thermal Electric Power Plant according to the new system. A. N. Kurovskii. *Energ. i elektr.* no. 1:38-40 Ja-F '68.

621.311(477.6)—Dorota Basin

- Redesigning of the external hydraulic ash disposal system of No. 1-11 boilers of the Slavovsk-Sibir Thermal Electric Power Plant of the Donbas Inter-Electric Energy System. H. A. Krot, V. A. Vukhlin. *Energ. i elektr.* no. 1:10-11 Ja-F '68.

621.311(57)—Asiatic U. S. S. R.

- Efficiency of small-scale power engineering. A. P. Bulkin. *IU. M. Dogaev. Probl. Sev.* no. 13:251-255 '68.

621.311(571)—Asiatic R. S. S. R.

- Experience in the installation of complete transformer substations of 36-110 kilovolt in Western Siberia. *Energ. i elektr.* no. 12:69-74 '67.

621.311(571.17)—Kemerovo Province

- Improving the organization and management at construction sites of Kuzbassenergostroy Trust. *Energ. i elektr.* no. 12:1-6 '67.

621.313 Electric machines, generators, motors

- Calculation of electromechanical transients of large induction motors using the "Ural-2" digital computer. I. A. Oreshk and others. *Energ. i elektr.* no. 1:45-47 Ja-F '68.

- Characteristics of units with magnetodynamic controllers operating on the Itankin cycle. S. A. Mkrushch and others. *Teplotiz. i temp.* 6 no. 2:327-332 Mr-Apr '68.

- Commutation of d. c. machines with loop windings in the armature without equalizing connections. V. P. Tokunov, B. A. Vashchuk, V. G. Iofel'chik. *Energ. i elektr.* no. 3:35-37 My-Je '68.

- Compact hydroelectric generators for derivation power plants. A. G. Sarkisyan. *Gidr. stroit.* 37 no. 10:10-11 O '68.

- Some problem of spiking of solid lasers. A. M. Samsonov, I. A. Kuznetsov, Opt. i spekt., 24 no. 5:754-765 '69.
- Spontaneous Raman scattering in pyridine solutions. M. I. Mavresian, Zh. O. Khim. Opt. i spekt., 24 no. 2:241-242 '68.
- Study of noise in neodymium glass lasers. S. A. Mikhov, A. N. R. binov, Zhur. prikl. spekt., 8 no. 1:42-59 Ja '68.
- Study of the conditions of excitation of generation lines in an argon-ion laser. V. V. Lobacheva, A. I. Oshinov, V. M. Salimov, Radiotekhnika i elektronika, 13 no. 4:751-754 Ap '68.
- Study of the frequency spectrum of generation of some lasers. M. S. Borisova, A. M. Pynlyk, Radiotekhnika i elektronika, 13 no. 4:754-756 Ap '68.
- Studying the evaporation of a substance and development of a plasma in the case of the laser radiation on various materials. M. V. Akhmanova, V. A. Kalgorodov, A. V. Kartakhi, Zhur. prikl. spekt., 8 no. 4:591-597 Ap '69.
- Theory of anisotropic resonators. A. M. Goncharenko, Zhur. prikl. spekt., 8 no. 4:604-609 Ap '68.
- Two-level conditions of a laser pumping by blackbody radiation. V. I. Alekseyenko, A. E. Kuznetsov, P. I. Utkin, Zhur. prikl. spekt., 8 no. 5:721-730 My '68.
- Time-dependent analysis of the fluorescence of vapors in the combined excitation method. A. V. Kurikina, V. A. Kalgorodov, Zhur. prikl. spekt., 8 no. 3:433-438 Mr '68.
- Two-frequency generation on a substance with split metastable level. A. M. Samsonov, R. A. Karamullin, Zhur. prikl. spekt., 8 no. 1:58-60 Ja '68.
- Use of a laser for increasing the utilization of a substance in spectral analysis. O. I. Polunok, A. A. Iakovskii, Zhur. prikl. spekt., 8 no. 3:540-543 My '68.
- Use of a laser with selective losses for obtaining single-frequency generation. N. A. Horobutskii, A. P. Volkovich, A. N. Kozlovskii, Zhur. prikl. spekt., 8 no. 1:688-592 Ap '68.
- Use of glass comparators and cold cathodes in laser discharge tubes. A. I. Leikin, A. I. Samoilovich, V. S. Solov'ev, Prikl. i tekh. ekp. no. 1:171-173 Ja '68.
- Use of light transformers under optical pumping. V. D. Kuznetsov and others. Ukr. itz. zhur., 13 no. 1:58-62 Ja '68.
- Use of the infrared spectroscopy method in analyzing condensed plasma products produced by a laser. M. V. Akhmanova, V. A. Kalgorodov, A. V. Kartakhi, Zhur. prikl. spekt., 8 no. 5:559-560 My '68.
- Use of the laser spark for obtaining absorption spectra. I. N. Kapitskii, G. S. Musatova, Zhur. prikl. spekt., 8 no. 4:661-663 Ap '68.
- Use of vacuum lamps fed by double current pulses for laser pumping. S. I. Anisimov, M. P. Vasilukov, V. I. Gavrilov, Opt. i spekt., 24 no. 1:121-125 Ja '69.
- 621.33 Electric traction**
- Analyzing the performance of fast acting switches with an inductive element. A. V. Penlar'kov, I. U. M. Bel. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:14-22 '60.
- Approximation method of determining the freight throughput capacity of an electrified railway. V. A. Kabanov, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:17-13 '60.
- Calculating mechanical transient processes in the drives with asynchronous motors. A. V. Morin, Izv. vyz. uchob. zav. i gor. zhur., 11 no. 2:142-147 '68.
- Calculating parameters of the optimum conditions of a motor with asynchronous barrier-layer excitation. I. A. V. Velikovsky, A. N. Chibotova, Izv. vyz. uchob. zav. i gor. zhur., 11 no. 2:113-117 '68.
- Conductance regulation of transformer voltage by ring-circuit nonbalance forces. R. N. Urmanov, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:38-44 '60.
- Determining the length of a suspension string wire. I. U. P. Diadchenko, I. V. Ryzov, Trudy TSNII MPS no. 319:84-90 '68.
- Determining the operational reliability of an overhead contact network. I. S. Pautin, Trudy TSNII MPS no. 319:92-95 '68.
- Determining the throughput capacity of an electrified sector. V. A. Kabanov, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:3-6 '66.
- Device for oscillating random processes. A. V. Penlar'kov, A. I. Salykov, I. U. M. Bel. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:23-28 '60.
- Effect of incomplete phase performance of mercury-arc rectifying units on rail circuits of the automatic block system. I. A. Solov'ev, N. I. Solov'ev, Trudy TSNII MPS no. 319:74-83 '68.
- Effect of the energy, available in traction networks, on the current slip conditions during the haulage by electric locomotives with parallel current collectors. V. A. Bun'ko, I. A. Ivanov, Vop. rud. transp. no. 10:130-136 '67.
- Errors in the test results of a car used under an overhead contact network. A. V. Nosov, Trudy TSNII MPS no. 319:89-91 '68.
- Experimental investigation of transient processes in the absence of grounding of supports on rails. S. M. Kuznetsov, S. D. Sokolov, Trudy TSNII MPS no. 319:12-60 '68.
- Mercury-arc rectifying unit using a cascade circuit configuration. V. I. Sopov, Trudy TSNII MPS no. 319:61-65 '68.
- Mercury rectifying unit for high-voltage power supply system. T. P. Tret'yak, A. S. Nizov, E. A. Zakhar'chuk, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:20-37 '68.
- Methods of determining electric power loss in the traction network. K. N. Volkov, Trudy TSNII MPS no. 319:66-73 '68.
- More efficient use of sectional circuit breakers on electrified d. c. railroad sectors. N. N. Volkov, S. M. Kuznetsov, L. S. Pan'ko, Trudy TSNII MPS no. 319:5-22 '68.
- On-job performance of d. c. overhead contact network sliding devices. S. M. Kuznetsov, Trudy TSNII MPS no. 319:25-31 '68.
- Perel'muter, N. M. [Electrification of narrow-gauge logging roads]. Elektrifikatsiya lesovoznykh uzlovozhnykh dorog. Moskva, 1967. 44 p. (Leningradskiy nauch. tsentr). Problem of determining the voltage level in an overhead contact network of electric railroads. R. M. Mikhov, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:65-68 '68.
- Rebrizh, B. N. [Protection of VL60k, VL80k, and VL60 locomotives]. Zashchita elektrovozov VL60k, VL80k i VL60. Moskva, "Transport," 1968. 75 p.
- Selecting the capacity for traction motors of electric motor locomotives. V. G. Shurin, A. D. Bogoroditskii, Izv. vyz. uchob. zav. i gor. zhur., 11 no. 1:124-128 '68.
- Selecting of relay protection settings for power transformers of traction substations. I. A. M. Kuznetsov, Energ. i elektr. no. 1:24-26 Ja '68.
- Some comparative data on a transformer with capacitorless regulation and short circuit current limitation. I. F. Pavlov, R. N. Urmanov, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:45-55 '66.
- Some problems in selecting and designing saturation reactors for compact voltage transformers. E. M. Volynin, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:55-64 '66.
- Studying the degree of voltage in bus bars of d. c. traction substations. K. N. Volkov, Trudy TSNII MPS no. 319:51-55 '68.
- Studying the protection system of a d. c. line converter regarding against breaks in the inversion process and reverse firing. I. A. Nikolayev, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:79-82 '66.
- Testing rod indicators for detecting defects in insulators of the d. c. overhead contact network. I. A. Thiermerman, I. U. M. Bel. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:93-97 '66.
- Thermal regimes of a mercury-arc rectifier installed in unshielded quarters. V. A. Pukhov, Trudy TSNII MPS no. 319:23-28 '66.
- Two-section resonant-aperiodic smoothing devices for d. c. traction substations. V. P. Mischenko, Trudy TSNII MPS no. 319:56-60 '68.
- Using the standard method of designing protection systems on o. c. and i. c. lines. M. I. Klotzerman, Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:69-78 '66.
- Wear of the band of mine electric locomotives. P. M. Shilov and others. Vop. rud. transp. no. 10:135-141 '67.
- 621.35 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.**
- Application of the theory of vibrational spectra to the determination of the operational mechanism of a nickel oxide electrode. S. A. Alekseyevich and others. Elektrifikatsiya 4 no. 3:560-563 My '68.
- Aspects of the stability in an electrostatic precipitator of low concentration ammonium nitrate in the form of a aerosol aerosol. M. I. Vorlov, I. A. Sidorovskii, I. A. Mankin, Zhur. prikl. khim., 41 no. 1:47-52 Ja '68.
- Automatic regulation of the gap between electrodes in electrochemical metalworking. I. I. Morozov, Elektromashinostroyeniye 14 no. 4:20-30 Ap '68.
- Behavior of the anode material during the electrolysis refining of titanium and its alloys. N. I. Anisimova, Izv. AN SSSR, No. 2:80-92 Mr '68.
- Calculating the optimum current density in the production of hydrogen and oxygen in an electrolyzer. S. S. Rabinin, Khim. i metallurgiya, no. 3:39 My '68.
- Cathodic processes during chromium deposition from fused electrolytes. S. M. Skol'nikov, Kh. Kh. Subirov, Trudy LPI no. 272:35-42 '67.
- Changes in the activity of tin in presence of other components. Dio-plum-Thal. Trudy LPI no. 272:61-64 '67.
- Determination of the probability of appearance of crystal lattice packing defects in electrolytic nickel deposits. I. U. M. Bel. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:53-57 My '68.
- Effect of magnesium chloride content in hot liquor on composition of crystals precipitated by sludge in a vacuum crystallization unit of a carnallite plant. E. I. Savitskaya and others. Zhur. prikl. khim., 41 no. 1:43-47 Ja '68.
- Effect of organic additions on cathodic separation processes of cadmium on mercury. M. A. Loskarov, I. P. Mordovychenko, Khim. i tekhn., no. 7:100-107 '67.
- Effect of reversing current parameters on the process of copper electrodeposition. V. I. Cherenko, A. A. Ilyuskov, Z. I. Priestelskaya, Elektrifikatsiya 4 no. 5:518-524 My '68.
- Effect of the microstructure of 40 and U10 steels on the surface finish and the speed of metal removal during dimensional electrochemical machining. I. U. M. Petrov, O. I. Mochalova, Elektr. obr. mal. no. 6:15-17 '68.
- Effect of the surface active agents on the composition and structure of anodic films in copper electrolysis. B. N. Kozhenko, M. G. El'manova, Zh. V. Bolala, Khim. i tekhn., no. 7:110-122 '67.
- Electrochemical dimensional machining of alloys. A. D. Darydov, V. D. Kashichev, Elektr. obr. mal. no. 1:10-14 '68.
- Electrochemical pickling of tantalum. V. P. Kuznetsov, K. P. Bataшов, Trudy LPI no. 272:163-168 '67.
- Electrolysis of fused high-melting metal salts. I. U. M. Bel. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 12:7-28 '67.
- Electrolytic deposition of chromium to fused salts using a graphite anode. S. N. Skol'nikov, Trudy LPI no. 272:43-46 '67.
- Electrolytic deposition of germanium. A. I. Zhurina, N. S. Gueva, Trudy LPI no. 272:152-155 '67.
- Electrolytic deposition of rhodium on high-melting metals from solutions of potassium perchlorate with additions of sulfuric acid. B. P. U'rev, N. I. Terent'ova, Trudy LPI no. 272:143-151 '67.
- Electrolytic preparation of high-purity chromium from chromic acid solutions. Report No. 1: Investigating polarization curves and cathodic current efficiency in chromic acid solutions. B. P. U'rev, S. N. Skol'nikov, N. M. Sidorovskaya, Trudy LPI no. 272:117-123 '67.
- Electrolytic preparation of high-purity chromium from chromic acid solutions. Report No. 2: Effect of electrolysis conditions on the passage of impurities into the electrolytic chromium. B. P. U'rev and others. Trudy LPI no. 272:124-127 '67.
- Electrolytic preparation of pure chromium from chromic acid solutions with fluoride additions. B. P. U'rev and others. Trudy LPI no. 272:128-136 '67.
- Electrolytic preparation of pure manganese from chloride solutions. B. P. U'rev, V. M. Morozov, Trudy LPI no. 272:137-142 '67.
- Electroplating of aluminum and its alloys. K. P. Bataшов, K. V. Paranyukova, V. I. Smirnova, Trudy LPI no. 272:150-162 '67.
- Equilibrium potentials of chromium in fused chromium potassium and sodium chlorides. S. N. Skol'nikov, Kh. Kh. Subirov, Trudy LPI no. 272:32-34 '67.
- Form of lithium compounds produced during the electrolytic dissolution of nickel-copper alloys and the possibility of their sorption by ion-exchange resins. A. I. Zhurina, A. V. Shurina, Trudy LPI no. 272:98-102 '67.
- Influence of chloride ions on copper electrodeposition on solid electrodes. S. G. Malozov, Elektrifikatsiya 4 no. 5:581-583 My '68.
- Interaction between gases and aluminum dissolved in a cryogenic aluminum solution. O. P. Doronchenko, Trudy LPI no. 272:73-78 '67.
- Loss of the capacity of oxide nickel electrodes in prolonged operation. A. M. Kozlovskii, T. P. Ushina, I. I. Kuz'min, Izv. vyz. uchob. zav. i khim. i khim. tekhnologiya 10 no. 1:124-129 '67.
- Mechanism of anodic process during the electrolysis of cryolite-alumina melts. R. G. Chivilev, Trudy LPI no. 272:79-84 '67.
- Metallic nickel behavior in fused nickel chlorides and alkali metals. I. V. Tomskikh, Trudy LPI no. 272:87-90 '67.
- Reduction of metallic targets of Fe and of the alloy Fe-Cr on investigation of electrolytic deposits of the alloy Fe-Al, Fe and Cr. V. M. Medvedev, L. I. Kudomov, I. M. Ilesheva, Ukr. itz. zhur., 13 no. 1:123-126 Ja '68.
- Special features of cathodic separation of lithium from electrolytes containing compounds with thione group. A. A. Kozlov, Z. M. Chibrikova, M. A. Loskarov, Khim. i tekhn., no. 7:108-115 '67.
- Stability of titanium-graphite anodes during the electrolysis of aqueous solutions of metal chlorides. K. P. Bataшов and others, Trudy LPI no. 272:87-92 '67.
- Study of the acidity of a layer adjacent to an electrode in the process of electrodeposition of tungsten and nickel. A. T. Vashko, V. E. Belinskii, Elektrifikatsiya 4 no. 5:565-569 My '68.
- Studying the oxidizability and embrittlement of carbon materials used in the electrolytic production of aluminum. G. P. Vedunikov, M. M. Volukhin, Trudy LPI no. 272:62-72 '67.
- Studying the simultaneous discharge of zinc and nickel ions from sulfate solutions on a mercury electrode. I. V. Volkov, I. U. M. Bel. Trudy LPI no. 272:101-116 '67.
- Taking account of convection in a theoretical study of the leveling effect. S. I. Krichmar, Elektrifikatsiya 4 no. 5:574-579 My '68.
- 621.36 Thermoelectricity. Electric heating**
- Analytical calculation of nonsymmetrical three-phase circuits with arcs. S. V. Alekseyev, Izv. AN SSSR, Energ. i transp. no. 2:411-435 Mr '68.
- Electroheating of fuel tanks. B. P. Selivanov, I. U. M. Bel. Sten. i inzh. 38 no. 3:44-45 Ap '68.
- Equipment for the electric heating of petroleum products. O. V. Monastyrskii, N. D. Kopitskin, Akh. i stroit. 25 no. 4:15-17 My '68.
- Modeling processes of electric thawing. B. V. Sifitskii, Trudy VNIIT-Merz. no. 25 pt. 2:101-108 '68.
- 621.37 Technique of electric and electromagnetic waves, acoustics and pulses**
- A. c. differentiator operating with a square-wave carrier. V. I. Gostov, Prikl. i tekh. avtom. no. 5:3-10 '67.
- Adaptive filter-converters. V. I. Kostuk, Izv. vyz. uchob. zav. i prikl. 11 no. 2:41-46 '68.
- Adjusting amplifiers. V. S. Gorb, Vest. protivovozd. obr. no. 3:50-62 Mr '68.
- Analysis of steady-state mode of a transistor self-oscillator. R. A. Mandil, Teor. elektrotekhn., no. 3:48-54 '67.
- Analytical and semigraphical determination of the load-carrying capacity of transistor logical elements based on the boundary calculation method. A. K. Makarov, Prikl. i tekh. avtom. no. 5:102-109 '67.
- Analysis of oscillatory processes. K. R. Krastyn', Trudy VNIIT no. 5:156-165 '67.
- Apparatus for studying the propagation of radio waves in the microwave band. I. U. M. Bel. and others, Prikl. i tekhn. ekp. no. 1:220-230 Ja '68.
- Apparatus for the study of the acoustic nuclear magnetic resonance. V. A. Shatlov, G. I. Antokolskii, Izd. inzh. razn. no. 2:134-150 '68.
- Application of Newton's method to the analysis of nonlinear electrical networks. V. M. Bondarenko, Teor. elektrotekhn., no. 3:85-81 '67.
- Asymptotic properties of solutions of a wave equation at singular points of the potential. N. I. Zhurina, Zhur. vych. mat. i nat. iz. 8 no. 2:443-447 Mr '68.
- Asymptotics of the solution of linear systems of ordinary differential equations with large parameter and presence of a turning point. A. G. Alenitsyn, Prikl. i tekhn. avtom. 12 no. 1:34-36 Ja '68.
- Attachment to an ampere-clamp meter for measuring pulsating voltages. B. L. Leitchevskii, Avtom. telemek. i svyaz, 12 no. 1:34-36 Ja '68.

- Brushless electric motor and some schemes of its control. T. D. Kravtsov. *Avtomatika*, 13 no. 4, 644-646, Apr '68.
- Calculation of the characteristics of a parametric amplifier during detection of the pump in the angular range of the changing characteristics of the mode. K. S. Mozhayev, A. A. Shcheglov, V. S. Likhachev. *Radiotekhnika i elektronika*, 13 no. 4, 722-726, Apr '68.
- Calculation of the coupling coefficient of a round dielectric wave guide. V. P. Panyashin, A. S. Romanov. *Radiotekhnika i elektronika*, 13 no. 4, 725-726, Apr '68.
- Calculation of the magnetic field of saturated magnetic circuits using digital computers. O. V. Turov. *Teor. elektronika*, no. 1, 134-140, '67.
- Calculation of the parameters of a multimode network using electron analogs of equations of a complex network. G. T. Adomov. *Izv. AN SSSR, Energ. i transport*, no. 2, 19-20, Apr '68.
- Calculation of transients in asymmetrical circuits. L. I. Pivovarov, G. S. Kozlov. *Teor. elektronika*, no. 1, 137-146, '67.
- Composite method for adapting a single band signal. L. I. Smolnitskiy. *Elektronika*, 22 no. 4, 4-8, Apr '68.
- Concerning single band signal passing filters. N. N. Chirchinskii. *Elektronika*, 22 no. 4, 53-63, Apr '68.
- Calculation of inhomogeneities of the ionosphere in a problem on the propagation of a surface wave in a wave guide channel earth-ionosphere. S. T. Rybachek. *Prob. dif. i rasp. voln*, 7, 152-161, '68.
- Contribution to the theory of circuits with quadrants. G. E. Pukhov. *Teor. elektronika*, no. 1, 97-100, '67.
- Controlled pulse oscillator. A. K. Mityushin, E. M. Belyaev. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Coupled loops in an elliptical waveguide with a dielectric rod. A. I. Krasov, V. A. Smolnitskiy. *Radiotekhnika i elektronika*, 11 no. 4, 727-729, Apr '68.
- Design of a cathode follower with compensated capacitance. B. I. Voskresenskiy. *Elektronika*, 22 no. 4, 67-76, Apr '68.
- Design of a wide-band signal generator. V. I. Volman. *Antenny*, no. 3, 130-131, '68.
- Detection of microwave oscillations by a plasma scale detector. G. D. Lobov, V. I. Bogdanov. *Radiotekhnika i elektronika*, 13 no. 1, 67-73, Apr '68.
- Determination of a network with short-circuited ends. B. I. Blazhkevich. *Teor. elektronika*, no. 1, 120-123, '67.
- Determination of complex eigenvalues of some boundary value problems by a method of analytical extension of functions from a real axis to a complex domain of an argument. Application of the method to problems of the propagation of a surface wave taking into account the magnetic field of the earth. G. F. Pimenov. *Prob. dif. i rasp. voln*, 7, 15-76, '68.
- Determination of linear network transmission by means of admittance graph solutions. B. I. Blazhkevich. *Teor. elektronika*, no. 3, 111-119, '67.
- Determination of losses of capacitors subject of the action of voltage impulses with short duration. A. A. Kruglov. *Izv. Vys. uch. zaved. zap.*, 11 no. 2, 17-19, '68.
- Determination of the Duffing integral for a case of constant initial conditions. I. A. Kostuk. *Teor. elektronika*, no. 4, 131-133, '67.
- Determination of the spectra of an amplitude limited FM signal. U. A. Shala. *Teor. elektronika*, no. 3, 85-89, '67.
- Determination of trees and chord system of a circuit with multiterminal elements. H. G. Makhmurov. *Teor. elektronika*, no. 3, 101-110, '67.
- Diffraction effects in conical and anticonical optical resonators. V. E. Hrabov, L. E. Fraum. *Opt. i spekt.*, 34 no. 2, 100-110, May '68.
- Diffraction of a plane electromagnetic wave on a hollow dielectric wedge. M. G. Kiselev. *Antenn*, no. 3, 71-82, '68.
- Diffraction of a plane electromagnetic wave on an impedance sphere with time varying radius. V. N. Kravtsov. *Prob. dif. i rasp. voln*, 7, 89-103, '68.
- Diffraction of an electromagnetic field on an infinite hollow cylinder in a conductive half-space. O. G. Kuzina, K. F. Filippov. *Prob. dif. i rasp. voln*, 7, 104-113, '68.
- Diffraction of an electromagnetic wave on a hollow spherical nonhomogeneity in a conductive half-space. O. G. Kuzina, A. I. Pevzner, D. M. Churilovskiy. *Prob. dif. i rasp. voln*, 7, 114-121, '68.
- Digital integrator of time intervals. M. I. Lerner. *Uch. zap. IPI*, no. 3, 22-28, '68.
- High speed resonators for the retuning of laser generation frequencies. M. S. Soskin and others. *Uch. zap. zhur.*, 13 no. 1, 28-37, Jan '68.
- Distortion of the absolute maximum of time position probability at the output of a matched filter. A. S. Torontsev. *Radiotekhnika i elektronika*, 13 no. 4, 652-657, Apr '68.
- Effect of stepwise nonuniformity on the field of a flat wave guide. B. V. Nertovskiy. *Prob. dif. i rasp. voln*, 7, 132-141, '68.
- Electrodynamics of coagulates of charges localized by their own electromagnetic field. P. I. Gaiduk. *Radiotekhnika i elektronika*, 13 no. 4, 756-760, Apr '68.
- Emission of pulsed xenon lamps fed by double current pulses. S. I. Andreyev, V. E. Gavrilo. *Opt. i spekt.*, 34 no. 3, 818-819, May '68.
- Errors in the determination of the characteristics of propagation of scattering waves using harmonic analysis of the form of atmospheric. V. A. Krivashin, A. R. Orlov. *Prob. dif. i rasp. voln*, 7, 178-187, '68.
- Excitation of electromagnetic fields by moving bodies. V. S. Gerasimov, V. N. Krasnitskiy. *Prob. dif. i rasp. voln*, 7, 171-177, '68.
- Experimental and theoretical investigation of the optical-conical receiver of microwaves. V. I. Rudin. *Opt. i spekt.*, 34 no. 2, 272-276, Feb '68.
- Experimental study of dipole and current moments of lightning discharges. Part 1. Methods for studying dipole moments of radiation sources. U. V. Shchelnikov. *Prob. dif. i rasp. voln*, 7, 193-208, '68.
- Farfield cores for magnetic recording heads with increased wear resistance. A. S. Elvortich. *Trudy VNIIT*, no. 5, 78-88, '67.
- Forced electromagnetic oscillations of dielectric bodies in an infinite region and characteristic functions of the discrete spectrum. B. Z. Katsenelenbaum. *Radiotekhnika i elektronika*, 13 no. 4, 585-590, Apr '68.
- Frequency characteristics of a class D pulse amplifier. L. I. Shteklov, P. I. Ilyev. *Teor. elektronika*, no. 3, 90-96, '67.
- Gekker, I. R. [Electrical microwave probe with balancing resonator]. *Elektronika SVCh zond s shtetl-zruchishchimi protivovosom*. Moscow, 1968. 9 p.
- Gerdin, G. S. [High-quality low-frequency amplifiers for angular use]. *Vysokochestotnyye i nizkofrekventnyye ustroystva*. Izd. 2-e, pererabot. i dop. Moskva, "Energia", 1968. 112 p. (Missotata radiobiblioteka. Vyp. 603).
- Generator for a high-frequency radio station. A. I. Men'shikov. *Avtomatika i svyaz*, 12 no. 1, 3-12, Jan '68.
- Gurevich, A. V. [Effect of radio waves on the ionosphere in the region of the F-layer]. *Osveteleniye radiovoln na ionosfere v oblasti F-sloia*. Moscow, 1968. 11 p. (MICROFILM).
- Gutkin, L. S. [Modern radioelectronics and its problems]. *Sovremennaya radioelektronika i ee priklady*. Moscow, "Sov. radio", 1968. 105 p. (Biblioteka radioelektronika "Sov. radio").
- High-power pulse oscillators using four-layer PNPN-type devices. I. V. V. M. Oshchepkov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 15-31, Jan '68.
- Highly stable dielectric resonator comparators. V. I. Neftikov. *Izv. Vys. uch. zaved. zap.*, 11 no. 2, 31-33, '68.
- Increase in the effectiveness of the laser radiation of homogeneous semiconductor by using the amplification and Q increase of a resonator. A. S. Belyaev, P. I. Belyaev, S. V. Zakharenko. *Uch. zap. zhur.*, 13 no. 1, 165-167, Jan '68.
- Integral and differential discriminators using tunnel diodes. U. G. Bakhshiev, V. G. Zinov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Interconnection control of frequency-harmonic multistable elements. A. A. Mikhlin. *Avtomatika i svyaz*, 12 no. 1, 15-16, Jan '68.
- Magnetic field in a channel with diamagnetic cross section and a pronounced effect of magnetic field. S. A. Gerasimova, E. I. Anisimov. *Izv. AN SSSR, Energ. i transport*, no. 2, 28-31, Apr '68.
- Magnetic fields with high and super-high intensity. *Thom. Arm.*, 10 no. 1, 10-15, Apr '67.
- Magnetic pulse with modulator and its use in the processing of radio signals. O. G. Kiselev. *Avtomatika i svyaz*, 12 no. 1, 13-14, Apr '68.
- Method for synchronizing pulse radio communication lines. V. A. Voinov, G. A. Polovinskiy. *Elektronika*, 22 no. 3, 73-80, Apr '68.
- Methods for analyzing irregular wave guides. A. S. Pivovarov, A. G. Shteklov. *Uch. zap. zhur.*, 13 no. 1, 168-170, Jan '68.
- Mozay, G. M., V. E. Plesner, and N. S. Solov'ev. [Study of current density distribution along the cross section of an electron beam]. *Ispolneniye raschetov na planoshchiki po secheniyu elektronnoy potoki*. Moscow, 1968. 21 p. (MICROFILM).
- Networks for the suppression of square wave components in a.c. systems. V. I. Gostev. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Nikolayev, N. S. [Designing transistor amplifiers for measuring equipment]. *Proektirovaniye tranzistornykh ustroystv izmeritel'nykh ustroystv*. Izd. 2-o, dop. Leningrad, "Energia", 1968. 352 p.
- Operation of regulated mercury arc rectifiers in ionospheric regions of large turbo-generators. G. D. Lazarev and others. *Elektronika*, no. 3, 111-113, May '68.
- Optimal harmonic band filters. S. E. London, G. S. Pivovarov. *Elektronika*, 22 no. 3, 49-52, Apr '68.
- Optimal parameters of an artificial delay line. U. I. Bogorodskiy, L. G. Lashin. *Trudy VNIIT*, no. 5, 139-148, '67.
- Oscillator for a low nonrecurrent voltage pulses. G. A. Voinov and others. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 126-127, Jan '68.
- Possibility to improve some characteristics of the acoustic nuclear resonance generator. A. A. Morozov. *Izv. mag. rezon.*, no. 2, 160-163, '68.
- Power amplifier using regulated diodes. K. A. Sorokov, A. G. Lashin. *Trudy VNIIT*, no. 5, 147-154, '67.
- Pre-amplifying stages with composite feedback. N. L. Rezhavskiy. *Elektronika*, 22 no. 3, 54-61, Apr '68.
- Problems of the theory and application of a transistor oscillator with a 1-type four-terminal network. V. S. Popov, A. A. Dzhidziora, V. I. Turovskiy. *Izv. Vys. uch. zaved. zap.*, 11 no. 2, 20-24, '68.
- Prediction of rectangular current pulses for the pulse gradient in the spectroscopy method. O. F. Bozakov, D. K. Toropov, V. F. Pechanov. *Izv. mag. rezon.*, no. 2, 178-179, '68.
- Propagation of electromagnetic waves in impedance plane and spherical wave guides. Part 1. Construction of solutions. G. I. Makarov, V. V. Novikov. *Prob. dif. i rasp. voln*, 7, 16-33, '68.
- Propagation of electromagnetic waves in impedance plane and spherical wave guides. Part 2. Propagation of electromagnetic waves in a plane impedance wave guide. G. I. Makarov, V. V. Novikov. *Prob. dif. i rasp. voln*, 7, 34-65, '68.
- Propagation of long radio waves and the nonhomogeneous ionosphere. E. M. Ginzburg, I. N. Zakharenko. *Prob. dif. i rasp. voln*, 7, 142-151, '68.
- Pulse nuclear magnetic resonance spectrometer for the study of solids. V. I. Chizhik, O. B. Spirand, I. A. Izmagrezon. *no. 2, 179-183, '68.*
- [Radio electronics of the optical range]. *Radioelektronika opticheskogo diapazona*. Pod red. N. A. Valtun. Moscow, 1967. 68 p.
- Reflection of a "bell" impulse from a symmetrical Epstein layer. L. I. Bozruchenko. *Prob. dif. i rasp. voln*, 7, 165-172, '68.
- Regenerative power laser. V. M. Anisimov. *Izv. AN SSSR, Energ. i transport*, 13 no. 1, 13-14, Apr '68.
- Regulating amplifier modes. G. I. Smolnitskiy. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Relaxation relays and generators operating on cold-cathode thyristors. L. P. Dzhuravskiy, H. I. Ilyev. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Remote control of amplification. V. Shteklov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Selection of cutoff frequencies in calculating filters of characteristic parameters. H. K. Izrael. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Semigraphical method for transient analysis in a single-phase bridge rectifier. A. A. Zharovskiy, H. A. Lashin, A. A. Anisimov. *Teor. elektronika*, no. 1, 37-37, '67.
- Seminar "Fiziko-tekhnologicheskie voprosy kibernetiki." [Seminar "Physical and technological problems of cybernetics, reports]. Seminar "Fiziko-tekhnologicheskie voprosy kibernetiki." [doklady]. Kiev, Vyp. 3, 1967. 131 p.
- Sensitivity of regenerative circuits in a change in a parameter. A. P. Ilyev. *Radiotekhnika i elektronika*, 13 no. 4, 741-743, Apr '68.
- Shapiro, M. I., and M. D. Ierger. [Radioelectronics]. [A manual]. *Radioelektronika ustroystva*. Izd. 2-o, dop. Voronezh, "Sovetskoye Radio", 1968. 11 p. (Library of the Ministry of Electronics and Communications). [Theoretical and practical aspects of electronics and communications].
- Small-size high-voltage single pulse oscillators. V. A. Belyaev, M. S. Tarasov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Smoothing characteristics of an induction amplifier with rectangular output pulse. E. I. Voinov. *Avtomatika i svyaz*, 12 no. 1, 107-109, Apr '68.
- Solution of a wave equation in a spherical system. I. A. Pivovarov, V. N. Krasnitskiy. *Prob. dif. i rasp. voln*, 7, 17-30, '68.
- Some formulas of slow wave asymptotics in a three-dimensional problem of diffraction on a plane. I. A. Pivovarov, I. Sh. Mikhlin. *Prob. dif. i rasp. voln*, 7, 122-131, '68.
- Stabilization of the transfer factor of a phase shift using quadrantal amplifiers. A. G. Pivovarov. *Avtomatika i svyaz*, 12 no. 1, 104-106, Apr '68.
- Stereophonic amplifier. V. Kiselev. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Symmetrical electromagnetic waves in a near-optical plasma waveguide. V. N. Krasnitskiy, I. A. Pivovarov. *Radiotekhnika i elektronika*, 13 no. 4, 750-755, Apr '68.
- Synthesis of smooth matching elements. I. A. Pivovarov. *Radiotekhnika i elektronika*, 13 no. 4, 756-760, Apr '68.
- Three-channel nonrecurrent pulse multiplier. I. A. Pivovarov. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Threshold transfer of a three-phase bridge rectifier amplifier. H. I. Kiselev. *Teor. elektronika*, no. 1, 37-37, '67.
- Time and spectral margins of parametric oscillators. V. A. Arshakov. *Teor. elektronika*, no. 1, 37-37, '67.
- Transistorized high-voltage pulse oscillators. V. A. Zhelozov, V. M. Mikhlin. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Transistorized measuring amplifiers. V. A. Lashin. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Transistorized photometric amplifiers. I. A. Pivovarov. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Transistors in an unconventional operating mode. A. Pivovarov. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Tunnel diode as a phase-shifting element in a control system. N. N. Voznesenskiy, V. M. Radomirov, I. A. Pivovarov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Two-cycle shift register. L. K. Krasnitskiy. *Izv. Vys. uch. zaved. zap.*, 11 no. 2, 20-24, '68.
- Use of glass corrugated and cold cathodes in thermionic charge tubes. A. A. Lashin, A. I. Samoilov, I. A. Pivovarov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Use of light transformers under optical pumping. V. S. Krasnitskiy and others. *Uch. zap. zhur.*, 13 no. 1, 78-79, Jan '68.
- Use of the "Inter-1" digital computer in the synthesis of a spectrum analyzer. I. A. Pivovarov, I. A. Pivovarov, O. I. Oshchepkov. *Avtomatika i svyaz*, 12 no. 1, 107-109, Apr '68.
- Use of the loop current method in calculating the operating modes of electrical systems by means of digital computers. M. A. Grishin. *Teor. elektronika*, 22 no. 3, 77-79, Apr '68.
- Wide-band oscillator using electromagnetic waves. V. V. Smirnov. *Prob. tekhn. i teoret. fiz.*, 1967, no. 1, 1-10, Jan '68.
- Zhukovskiy, V. N. [Noise generation for the study of automatic systems]. *Generirovaniye shumov dlya issledovaniya avtomaticheskikh sistem*. Moscow, "Energia", 1968. 128 p. (Biblioteka avtomatika. Vyp. 280).

- [Electronics and its application] Ref. zhur.: *Elek. i ee prim.* no. 5 May '68.
- Eck, A. A.** [Electronics in motor vehicles] *Elektronika v avtomobile*. Moskva, "Znanie," 1968. 48 p. (Novoe v znanii, nauka, tekhnika. Seriya "Transport," 4).
- Lomanovich, V. A., and I. V. Strizhevskii.** [Soliton devices] *Khromotronnyy priyemnik*. Moskva, "Energiya," 1968. 31 p. (Massovaya radiotekhnika, Vyp. 665).
- Plazcapacitive and photoconductor "memory" of thin films of organic dyes.** *IU. A. Vukobrat, I. D. Rozenshteyn, Fiz. i tekhn. poluprov.* 2 no. 2:275-278 May '68.
- Radioelectronics on a ship.** *V. Radikov, Voen. znan.* 41 no. 6:36-39 Feb '68.
- Scientific Congress of the A. S. Popov Scientific and Technical Society of Radio and Electronics.** *Elektrosvyaz* 22 no. 4:73-74 Apr '68.
- Technology and living conditions.** *M. Kirilina, NYO* 10 no. 3:40-42 Mar '68.
- Tikhomirova, A. V., P. L. Tikhomirov, and B. P. Taryshev.** [Fundamentals of electrical engineering, electronics, and radio engineering] *Osnovy elektrotekhniki, elektroniki i radioelektroniki*. Izd. 2-o, pererabot. i dop. Leningrad, "Nedra," 1967. 471 p.
- Ukha, P. N., and R. O. Fedoseeva.** [Electron tubes and semiconductor devices] *Elektronovakuumnyye i poluprovodnikovyye pribory*. Moskva, "Izdatel'stvo," 1968. 192 p.
- Zarkhovich, A. E., and S. K. Krylov.** [Principles of electronics for locomotive crews] *Osnovy elektroniki dlya lokomotivnykh brigad*. Moskva, "Transport," 1968. 168 p.
- 621.382 Semiconductor devices**
- Brk, V. A., V. V. Garshebin, and A. I. Kurnosov.** [Manufacture of semiconductor devices] *Proizvodstvo poluprovodnikovyykh priborov*. Izd. 2-o, pererabot. i dop. Moskva, "Vyssh. shkola," 1968. 288 p.
- Currents limited by space charges, and the distribution of traps in polycrystalline lead oxide.** *V. A. Lavochkin, Fiz. i tekhn. poluprov.* 2 no. 2:250-259 Feb '68.
- Dyeing of the breakdown of silicon planar p-n junctions.** *V. A. Minusov, IU. i Radiofizika, Fiz. i tekhn. poluprov.* 2 no. 2:161-168 Feb '68.
- Device for locating intercalation centers in single crystal semiconductors.** *V. A. Dorin, V. E. Maslov, Izv. vuz. ucheb. zav., i prib.* 11 no. 2:123-126 Feb '68.
- Effect of differential conditions of thermal oxidation of silicon on the density of surface states.** *V. A. Ushak, Radiotekhn. i elektron.* 13 no. 4:761-765 Apr '68.
- Effect of temperature on the rates of germanium p-n junctions.** *I. S. Karov, V. S. Gaisheko, V. Mertina, Izv. vuz. ucheb. zav., i prib.* 11 no. 2:16-13 Feb '68.
- Effects of conductivity in p-n junctions.** *H. G. Vallsch, R. I. Pashkin, Radiotekhn. i elektron.* 13 no. 4:760-763 Apr '68.
- Instead of an introduction. Learn to read radio schematics. Pocket radio with three transistors.** *Vnesh. predavatel'stvo - Ucheb. i chitatel'skiy radioelektron. - Karmannyi priemnik na trekh tranzistorakh*. Moskva, Izd. DSSAA, 1967. 47 p. (Shkola iunogo radiohobbyista, Vyp. 1).
- Integral diode array for memory devices.** *A. M. Skvortsov, M. N. Kaidanovskaya, V. V. Tsvetkov, Izv. vuz. ucheb. zav., i prib.* 11 no. 2:76-75 Feb '68.
- Prav, Karpovich, N. X.** [Engineering fundamentals of thin film microelectronics] *Inzhenernyye osnovy planarnoy mikroelektroniki*. Leningrad, "Energiya," 1968. 174 p.
- Low-frequency noise of inverted diodes.** *I. V. Korablov, V. V. Potomkin, I. I. Ponomov, Radiotekhn. i elektron.* 13 no. 4:605-701 Apr '68.
- Luminescent fused CdTe diode.** *V. A. Chirpina, Fiz. i tekhn. poluprov.* 2 no. 2:256-259 Feb '68.
- Malina, R. M.** [Translator circuit handbook] *Spravochnik po translatornym skhemam*. Moskva, "Energiya," 1968. 184 p. (Massovaya radiotekhnika, Vyp. 664).
- Measuring the radiation power of gallium phosphide luminescent diodes.** *L. A. Angulova and others, Prib. i tekhn. ekh.* no. 1:168-169 Jan '68.
- Mechanism underlying the electric bonds in multielement photoresistors.** *M. A. Trusakov, A. I. Prilner, Fiz. i tekhn. poluprov.* 2 no. 2:169-174 Feb '68.
- Mikritschan, G. M.** [Transistorized receivers with short-wave bands] *Tranzistornyye priemniki s KV diapazonami*. Moskva, "Energiya," 1967. 48 p. (Massovaya radiotekhnika, Vyp. 658).
- Nikolaenko, N. S.** [Designing transistor amplifiers for measuring equipment] *Proektirovaniye transistornykh usilitel'nykh izmeritel'nykh ustroystv*. Izd. 2-o, dop. Leningrad, "Energiya," 1968. 362 p.
- Pokorniy, E. G.** [Nomographical method for calculating transistorized cooling equipment] *Nomograficheskiy metod rascheta poluprovodnikovyykh termokhizhdalovshchikh ustroystv*. Leningrad, "Nauka," 1968. 69 p.
- Reference data: germanium transistors.** *Aviom. telet.* 12 no. 1:33-44 Jan '68.
- Siroshkin, I. U.** [Transfer characteristics and stability of transistor voltage and current regulators] *Peredachnyye kharakteristiki i ustoychivost' tranzistornykh stabilizatorov napriazheniya i toka*. Moskva, "Energiya," 1968. 168 p. (8-ka po avtomatike, Vyp. 272).
- Some criteria in the evaluation of efficiency of logical modules using integral circuits.** *E. V. Babicheva and others, Avtom. i telet.* no. 3:131-139 Mar '68.
- Test-channel time transducer on semiconductor diodes.** *I. I. Nechaev, Prib. i tekhn. ekh.* no. 1:105-107 Jan '68.
- Transducer and thermocoupler for the interval 4.2° to 323°K.** *S. I. Luytchenko, IU. N. Brovkin, Prib. i tekhn. ekh.* no. 1:212-213 Jan '68.

- Translator testers.** *A. Vardashkin, Radio* no. 3:45-51 Mar '68.
- Transistorized measuring "frequency-voltage" converter.** *M. R. Leitman, E. L. Bar'zhan, Izv. vuz. ucheb. zav., i prib.* 11 no. 2:25-30 Feb '68.
- Transistors in an unconventional operating mode.** *A. Palkin, Radio* no. 3:46-48 Mar '68.
- Tunnel diodes.** *V. D. Platonov, Vest. protivovozd. obr.* no. 5:65-69 May '68.

- 621.383 Photoelectric tubes, cells, image converters**
- Determining the time constants of radiation detectors by transients in the selective amplifier.** *V. S. Davydov, V. G. Pestov, Zhur. prikl. spekt.* 8 no. 4:619-623 Apr '68.
- Effect of a change in spectral sensitivity of the photoemitter due to variations in potential.** *A. N. Perlov, V. A. Ruzin, Zhur. prikl. spekt.* 8 no. 5:855-857 May '68.
- Effectiveness of using several cycles in the detection of a light signal.** *N. P. Kuznetsov, Radiotekhn. i elektron.* 13 no. 4:645-651 Apr '68.
- Photoelectric attachment for measuring plasma temperature.** *V. E. Kukonts, Izv. fiz. zhur.* 14 no. 5:890-894 May '68.
- Selector of optimal parameters of an optron.** *V. G. Zhukovskiy, V. A. Orlov, Avtom. i telet.* no. 4:182-185 Apr '68.
- Transient process in the switching of a thyristor.** *V. A. Kuzmina, V. S. Peshenkov, Radiotekhn. i elektron.* 13 no. 4:709-718 Apr '68.

- 621.384 Production of active rays, corpuscular beams**
- Calculating the parameters of an electron beam drifting across a high homogeneous magnetic field.** *V. N. Danilov, PNTF* no. 2:2-16 Mar '68.
- Chromatic aberration in a mass spectrometer with a stepped homogeneous magnetic field.** *V. I. Kuznetsov, Prib. i tekhn. ekh.* no. 1:152-153 Jan '68.
- Control system for stored beams in a VEP-2 storage device.** *A. A. Avdeyev and others, Prib. i tekhn. ekh.* no. 1:214-215 Jan '68.
- Determining the optimal radius of a balanced betatron orbit to obtain the maximum radiation intensity.** *R. B. Gerasimov, M. H. Akkashchikov, L. A. Pukh, Prib. i tekhn. ekh.* no. 1:215-216 Jan '68.
- An E. R. pulse spectrometer for measuring the relaxation time.** *V. N. Sokolov, M. S. Pogrebnov, V. I. Minomisev, Prib. i tekhn. ekh.* no. 1:224-225 Jan '68.
- Introducing a molecular beam into a mass spectrometer as a sample.** *G. K. Alenkov, Prib. i tekhn. ekh.* no. 1:151-155 Jan '68.
- Linear theory of cyclic accelerators of relativistic charged particles in the case of small radiation losses.** *I. H. Korobovskiy, O. G. Skarsanov, Izv. fiz. zhur.* 14 no. 1:3-18 Jan '68.
- Magnetic spectrometer for studying the production of charged mesons.** *V. O. Yovchikov and others, Prib. i tekhn. ekh.* no. 1:210-219 Jan '68.
- Markov, M. N.** [Infrared radiation collectors] *Trilomniy detektor infrakrasnogo izlucheniya*. Moskva, "Nauka," 1968. 168 p.
- A mass spectrometer with molecule ionization, strong electric field, and electronic shock.** *L. V. Korotkiy, Izv. vuz. ucheb. zav., i prib.* 11 no. 2:140-143 Jan '68.
- Pulse-wave injection of particles into a wave guide separator channel.** *R. N. Babkin, A. A. Glazov, Prib. i tekhn. ekh.* no. 1:217-218 Jan '68.
- Quantum analysis using a mass spectrometer with ion storage in oscillating fields.** *L. N. Litvak and others, Prib. i tekhn. ekh.* no. 1:148-151 Jan '68.
- Resonances of betatron oscillations in a synchrotron.** *Z. I. Artemyeva and others, Prib. i tekhn. ekh.* no. 1:12-16 Jan '68.
- Studying the possibility of controlling the beam instability with the aid of modulation.** *A. K. Borealin, I. A. B. Faidberg, A. A. Buz'lyazhnyy, Prib. i tekhn. ekh.* no. 1:140-143 Jan '68.
- Studying the spectral density of the function of a cyclotron beam current.** *E. A. Golik and others, Izv. AN SSSR, Ser. fiz.* 32 no. 4:687-702 Apr '68.
- Svovitskiy, S. I.** [Dynamic dissipation of a magnetic field and particle acceleration] *Dinamicheskaya dissipatsiya magnitnogo polya i uskoreniye chastits*. Moskva, 1965. 32 p.

[MICROFILM]

- Use of a magnetless pulsed mass spectroscopy in studying gas-metal interaction.** *IU. I. Belikov, Uch. zap. LGU* no. 336:147-152 '68.
- Use of an AI-256-1 analyzer in improving the sensitivity of microwave spectrometers.** *N. V. Norkov, IU. D. Nechev, Prib. i tekhn. ekh.* no. 1:132-134 Jan '68.
- Use of liquid amplifiers in separating neutrons and gamma rays according to the pulse shape.** *L. E. Grigorkin and others, Prib. i tekhn. ekh.* no. 1:210-220 Jan '68.
- 621.385 Electronic discharge tubes**
- Collapsible lamp with hollow cathode.** *N. N. Gontcharova and others, Zhur. prikl. spekt.* 8 no. 1:109-112 Jan '68.
- Effect of opposing radiation on the operation of a traveling-wave tube in an amplifying mode.** *S. V. Galaktionov, G. F. Filimonov, Radiotekhn. i elektron.* 13 no. 4:660-670 Apr '68.
- An effective model of an electron-beam tube.** *I. F. Frenkenko, Vest. protivovozd. obr.* no. 3:70-81 Mar '68.
- Electron microscope study of adsorption of some metals on tungsten, tungsten carbide, and rhenium.** *IU. V. Zubenko, Uch. zap. LGU* no. 336:115-119 '68.
- Integral and differential discriminators using tunnel diodes.** *IU. O. Budashov, V. O. Zhov, Prib. i tekhn. ekh.* no. 1:92-96 Jan '68.
- Preventing failures of magnetrons.** *M. S. Basharta, Vest. protivovozd. obr.* no. 3:72-73 Mar '68.

- Some results of the experimental study of joint centrifugal and periodic electrostatic focusing.** *A. A. Borealin, IU. N. Pecholnikov, Radiotekhn. i elektron.* 13 no. 4:719-724 Apr '68.
- Spectral methods for measuring gas pressure in gas discharge instruments.** *I. A. Berezin, G. N. Ivanovskaya, Zhur. prikl. spekt.* 8 no. 3:420-432 Mar '68.
- Triggering devices for the 6L11 tube.** *V. M. Rozhkov, Prib. i tekhn. ekh.* no. 1:111-113 Jan '68.
- Tunnel diode as a photosensitive element in an oscillator system.** *I. N. Voznesenskii, V. M. Kholomysev, L. N. Syrkina, Prib. i tekhn. ekh.* no. 1:135-137 Jan '68.

621.386 X-ray tubes and accessories

- Automatic X-ray spectrometer for studying the fine structure of 191S- γ spectra.** *E. E. Vainshteyn and others, Prib. i tekhn. ekh.* no. 1:197-199 Jan '68.
- Thermoluminescent dosimetric instrument.** *K. M. Kudelev, V. B. Ilyukov, A. A. Lebedev, Prib. i tekhn. ekh.* no. 1:69-71 Jan '68.
- Ways to improve the parameters of the MAR-1 X-ray microanalyzer.** *V. D. Krupnik, A. M. Solov'ev, S. A. Topirskov, Opt. i mekh. prum.* 39 no. 4:33-35 Apr '68.

621.389 Other electronic apparatus

- Electronic apparatus for controlling the operations of sewing machines.** *N. M. Sharov, Trakht. i sel'khozmasht.* no. 2:46-47 Feb '68.
- Electronic attachment to a high-speed SBT motion picture camera.** *B. F. Ponomov, Izv. vuz. ucheb. zav., i prib.* 11 no. 336:144-146 '68.
- The EVR-1 industrial electron diffraction camera for direct recording of scattered electrons.** *I. G. Alekseyev and others, Prib. i tekhn. ekh.* no. 1:193-196 Jan '68.

621.39 Telecommunication

- The "Aerokoin" satellite for communication with airplanes.** *N. Ponomarev, Gruz. av.* 26 no. 6:30 Jan '68.
- Calculation of aerodynamic resistances in main underground conduits for communication cables.** *L. V. Kazulin, Vod. i mekh. tekhn.* no. 4:11-15 Apr '68.
- Possible application for the Amali-acated filaments of self-focusing.** *V. B. Lugovoi, A. M. Prokhorov, Izv. vuz. ucheb. zav., i prib.* 11 no. 5:153-155 May '68.

621.391 General electrical (communication) problems

- Borodin, L. F.** [Introduction to the theory of noise-free coding] *Vvedenie v teoriyu pomokhonochnogo kodirovaniya*. Moskva, Sov. radio, 1968. 408 p.
- Calculation of potential noise magnitude of AM radio interference for radio relay lines.** *IU. F. Marchenko, Elektrosvyaz* 22 no. 3:11-18 Mar '68.
- Characteristics of minimum limit area of N-pulse streams.** *A. P. Nikonov, Radiotekhn. i elektron.* 13 no. 4:610-622 Apr '68.
- Composite method for shaping a single band signal.** *I. P. Enolianskiy, Elektrosvyaz* 22 no. 4:1-8 Apr '68.
- Cybernetics and transportation. Cybernetics in the planning and management of rail transportation.** *Kibernetika i transport. Kibernetika v proektirovani i upravlenii na zhelezno-dorozhnom transporte*. Moskva, "Nauka," 1968. 206 p.
- Distribution of an FM signal passing through an IF amplifier with an arbitrary amplitude characteristic.** *A. I. Ruzhin, Elektrosvyaz* 22 no. 4:62-69 Apr '68.
- Disturbance of the absolute maximum of line position probability at the output of a matched filter.** *A. S. Terent'ev, Radiotekhn. i elektron.* 13 no. 4:652-657 Apr '68.
- Effectiveness of some methods for amplification of multi-channel angle band signals.** *V. V. Krut'ev, Elektrosvyaz* 22 no. 3:10-25 Mar '68.
- Effectiveness of using several cycles in the detection of a light signal.** *N. P. Kuznetsov, Radiotekhn. i elektron.* 13 no. 4:645-651 Apr '68.
- Energy relationships with optimal spatial resolution of point objects.** *N. A. Kuz' Radiotekhn. i elektron.* 13 no. 4:734-737 Apr '68.
- Informative rejection of a discrete data transmission system by signals with linear frequency modulation.** *D. L. Zaitsev, V. I. Zhuravlov, Elektrosvyaz* 22 no. 4:17-23 Apr '68.
- Interference rejection of phase holography and relative phase holography detectors during the action of sinusoidal noise.** *R. I. Chirkov, Elektrosvyaz* 22 no. 3:1-10 Mar '68.
- Low-frequency noise of inverted diodes.** *I. V. Korablov, V. V. Potomkin, F. I. Ponomov, Radiotekhn. i elektron.* 13 no. 4:605-701 Apr '68.
- Noiseproof feature of colorizers: reception of signals in a multibeam channel with incomplete separation of trunks.** *M. A. Bykhovskiy, Radiotekhn. i elektron.* 13 no. 4:623-638 Apr '68.
- One method for increasing interference rejection in the reception of binary codes with redundancy.** *A. A. Kazakov, Elektrosvyaz* 22 no. 3:69-76 Mar '68.
- Optimal filtration of a synchronization signal.** *V. P. Dmitriyev, Radiotekhn. i elektron.* 13 no. 4:658-662 Apr '68.
- Physical model of a branching electrical network used in the capacity of a data transmission channel.** *I. F. Ogoretschuk, V. D. Ostrokhov, E. G. Dendor, Prib. i tekhn. ekh.* no. 5:88-90 May '68.
- Problem of correction of statistically nonlinear distortions in television channels.** *V. N. Chudov, V. G. Fedinin, Elektrosvyaz* 22 no. 4:8-16 Apr '68.
- Separation of two harmonic signals using nonlinear nonlinear four-terminal networks.** *V. S. Ponomarev, O. E. Antonov, I. A. Goltantitskiy, Elektrosvyaz* 22 no. 4:24-33 Apr '68.
- Some problems of detection and filtration of signals with Markov-type background noise.** *Nongaussian noises. IU. C. Sosulin, Radiotekhn. i elektron.* 13 no. 4:618-619 Apr '68.

621.4 Internal combustion and other special engines

[Aircraft and rocket engines] *Ref. zhur.: Av. i raket. dvig. nus.* 6-7 *Je.* '68.
[Heat engineering] *Ref. zhur.: Teploenerg.* nos. 5-7, *My.* '68.

Carbonyl compounds in the exhaust gases of car engines and the possibilities of their elimination. I. M. Stashak, A. A. Khoshina, S. S. Khil'man. *Vest. AN SSSR* 13 no. 6:12-20 '68.

621.43 Internal combustion engines

All-Union scientific conference on problems of air-coring of gas turbines. V. G. Tytykhin. *Energomashinoostroenie* 8 no. 6:28 *Je.* '62.
Application of dimensionless parameters in determining the duration of fuel injection in diesel. A. S. Lyshnevskii, I. A. Shkrel, L. I. Koshman. *Trakt. i sel'khozmasl.* no. 2:12 *F.* '68.

Studying of recording processes in experimental investigation of multicylinder engines. A. A. Gerasimov, M. P. Khushev. *Dvig. vnutr. agor.* no. 6:52-57 '67.

Calculating deformations of plunger pin sleeves of diesel engines. A. I. Ilin. *Trudy KHIT* no. 241:106-118 '67.

Calculating parameters of supercharge air and exhaust gases of a diesel engine in the turbine supercharger operating on internal gases. S. L. Lavkovich. *Dvig. vnutr. agor.* no. 6:61-67 '67.

Calculating the load from a diesel engine with a driving solid supercharger. A. S. Epshstein, L. D. Revva. *Dvig. vnutr. agor.* no. 6:36-37 '67.

Calculation of turbine power in the pulse system of turbo-supercharger engines. V. V. Videlachnikov, A. E. Simanov, V. I. Rusakov. *Trudy KHIT* no. 80:43-49 '66.

Change of characteristics of a high-speed transportation diesel engine during the cooling of the supercharged air. A. I. Kharachko. *Trudy KHIT* no. 80:50-54 '66.

Characteristics of the working process of a 21000 diesel locomotive when operating under small loads on reduced crankshaft revolutions while idling. A. I. Chirkov, N. A. Eroshchenko. *Trudy KHIT* no. 80:3-6 '66.

Complex calculation of diesel-engine fuel systems. R. V. Rumynov. *Energomashinoostroenie* 14 no. 4:9-12 *Ap.* '68.

Combustion and efficiency of using diesel transportation in iron ore open-pits. M. V. Vasil'ev, R. G. Philin, S. M. Fedotkin. *Dvig. vnutr. agor.* no. 13:61-66 '66.

Correlation between air consumption and indices of 10000 diesel engine and second-stage driving supercharger. A. A. Fain. *Dvig. vnutr. agor.* no. 6:76-83 '67.

Determination of the angular velocity of formal skidding of a clutch and the design of tractor engine flywheels. R. V. Varentov. *Trakt. i sel'khozmasl.* no. 2:14-16 *F.* '68.

Design of the optimum combination of engine and hydraulic transmission characteristics with the aid of an analog computer. A. M. Lyova, L. A. Vagner, N. M. Novikova. *Trakt. i sel'khozmasl.* no. 5:7-10 *My.* '68.

Determination of the optimum fuel injection advance angle. V. Gerasimov and others. *Tekhn. v sel'khoz.* 28 no. 4:79-80 '68.

Electroning fuel pressure at sprayer nozzle holes during diesel engine operation. V. F. L'udoniy, I. D. Potkov. *Trudy KHIT* no. 80:71-73 '68.

Eliminating the hydrodynamical and mechanical losses of a plunger pump. V. N. Stashak. *Trakt. i sel'khozmasl.* no. 2:17 *F.* '68.

Eliminating the optimum advance exhaust in rotary piston engines. A. S. Tsositsinskii. *Dvig. vnutr. agor.* no. 6:66-68 '67.

Diesel engines on irrigation sprinklers. S. Gerasimov, I. A. Shkrel, V. I. Koshman. *Tekhn. v sel'khoz.* 28 no. 4:31-32 '68.

Effect of air moisture and temperature of ambient air on the operation of a diesel with an intense supercharge. Nguyen Van Binh, R. V. Kuzachikov. *Dvig. vnutr. agor.* no. 6:6-12 '67.

Effect of air temperature at the intake on the power of high-speed diesel engines. N. A. Korba. *Trudy KHIT* no. 80:56-60 '68.

Effect of climatic condition on the life of engines. A. V. Posenko. *Trudy KHIT* no. 37:11-22 '66.

Effect of the operating conditions of the 17-50 engine on the wearing qualities of its components. M. I. Zhuravova, I. V. Pustovalov. *Trakt. i sel'khozmasl.* no. 3:6-8 *Mr.* '68.

Effect of turbocharging of the 1AM2-236 engine on the thermal stress of the piston and exhaust valve. B. A. Vzorov. *Avi. prom.* 27 no. 7:3-6 *JI.* '61.

Elimination of oil leaks. S. Khromozin. *Tekhn. v sel'khoz.* 28 no. 4:87 '68.

Engine block repair. A. Dublaga, G. Kallak. *Tekhn. v sel'khoz.* 28 no. 4:83 '68.

Engineering design of a 10,000 kw. gas turbine system. B. S. Revin. *Energomashinoostroenie* 8 no. 6:40-41 *Je.* '62.

Equations of the motion of the regulating system of a tractor diesel engine during the acceleration period. A. A. Gerasimov, P. M. Gerasimov. *Dvig. vnutr. agor.* no. 6:58-65 '67.

Experience in exploiting diesel engines of drilling rigs. I. I. Vukobratkii. *Mash. i met. obr.* no. 3:13-17 '68.

Experimental determination of the axial stress of a turbo-diesel engine. D. I. Modin. *Energomashinoostroenie* 8 no. 6:11-13 *Je.* '62.

Experimental investigation of the ventilation of the 250 A. generator used in motor vehicles. V. F. Alekseev and others. *Avi. prom.* 34 no. 2:22-23 *I.* '66.

From the experience of using cast-iron crankshafts. A. P. Shurygin. *Avi. prom.* 27 no. 7:8-9 *JI.* '61.

Gas sampling valve with an electric drive. S. A. Eroshchenko. *Trudy KHIT* no. 80:67-70 '68.

Gogin, A. F., F. O. Kupritanov, and E. F. Kivakha. [Marine diesel engines. (Arrangement, principles of theory and operation)] *Sudovye dizeli. (Ustroistvo, osnovy teorii i ekspluatatsii)*. Moskva, "Transport," 1967. 607 p.

Hydrodynamic determination of the fuel supply law in diesel engines. B. B. Antonov. *Energomashinoostroenie* 14 no. 4:36-37 *Ap.* '68.

Improving fatigue strength of 18KhNTA steel parts. A. A. Trasov. *Avi. prom.* 34 no. 2:34-35 *F.* '68.

Increasing the life of bearings in a tractor engine by the installation of carbon-plated inserts. D. M. Astashevskii, D. Zil'ber. *Trakt. i sel'khozmasl.* no. 2:40-42 *Mr.* '68.

Increasing the power of the 12D10 starting engine. G. V. Gikh, I. N. Tikhonov. *Trakt. i sel'khozmasl.* no. 5:10-12 *My.* '68.

Increasing wear resistance of engine cylinders. B. A. Vzorov. *Avi. prom.* 27 no. 7:10-11 *JI.* '61.

Index of the compression polytropic curve of a free-piston gas generator. B. I. Mikhlin, L. B. Ignat'ev. *Tekhn. i org. proiz.* no. 3:101-104 *My.* '68.

Indicator process of a high-speed diesel engine with vortex chamber. I. N. Glagolov and others. *Trudy KHIT* no. 80:33-42 '68.

Installation for studying the effect of a silent electrical discharge on the process of combustion. A. P. Chirkov, L. I. Mikhlinov, V. I. Sakharovich. *Trudy KHIT* no. 80:20-25 '68.

[Internal combustion engines] *Ref. zhur.: Dvig. vnutr. agor.* nos. 5-7 *My.* '68.

Investigating the effect of fuel mixing conditions on the dynamics of the combustion process in diesel engines. A. M. Makiy, A. L. Kopylov, I. D. Potkov. *Dvig. vnutr. agor.* no. 6:17-23 '67.

Investigating the effect of two-phase flow on the basic indices of a tractor engine. V. G. Dvachenko, M. G. Samoilovich, V. I. Bykov. *Dvig. vnutr. agor.* no. 6:13-16 '67.

Measuring of temperatures of moving parts in high-speed internal combustion engines. N. D. Vurnov, V. I. Mikhlinov, V. I. Sakharovich. *Trudy KHIT* no. 80:1-6 *Ap.* '68.

Measuring of several branches of industry on the manufacture of generating machinery. *Energomashinoostroenie* 8 no. 6:11 *Je.* '62.

Method of investigating the heat exchange in fluidized bed. A. P. Chirkov, O. P. Grishin. *Trudy KHIT* no. 80:25-30 '66.

New pneumatic device for controlling low-pressure turbines directly on the motor. V. M. Kupitsynskii. *Energomashinoostroenie* 8 no. 6:35-37 *Je.* '62.

Overall automation of the cylinder block shake-out system. A. I. Zil'berberg, A. S. Potkov. *Avi. prom.* 27 no. 7:39 *JI.* '61.

Peculiarities in the operation of diesel locomotive engines on the run. I. V. Sovrakov. *Dvig. vnutr. agor.* no. 6:24-29 '67.

Peculiarities in the operation of isolating valves. G. I. Kozlovich. *Avi. kosm.* no. 5:62-64 *My.* '68.

Predicting the reliability of feeding systems of motor vehicle engines. G. P. Potkovskii, V. V. Kossarev. *Avi. prom.* 34 no. 2:1-4 *Ap.* '68.

Problem of determining relative heat losses into the cooling system of an internal combustion engine. A. E. Simanov, G. N. Zaslavskii. *Trudy KHIT* no. 80:13-19 '68.

Results of measuring temperatures of pistons in a high-speed internal combustion transportation engine. A. P. Chirkov, A. I. Stinson, V. I. Mikhlinov. *Trudy KHIT* no. 80:1-12 '68.

Selecting operating conditions of discharge pump engines on river dredgers. N. Lakhin. *Roch. transp.* 20 no. 4:50 *Ap.* '68.

Selecting type of mixing in the mixing chamber of a free-piston gas generator. V. A. Zvonov, A. G. Ogorkov. *Dvig. vnutr. agor.* no. 6:106-110 '67.

Selecting of share of the lost stroke of a two-cycle engine with a combined supercharger. I. A. Egorov, V. P. Imshirov. *Dvig. vnutr. agor.* no. 6:30-47 '67.

Selecting of some structural parameters of parts for diesel engine fuel systems. M. M. Agapova, A. I. Dvin, V. P. Skopaki. *Trudy KHIT* no. 241:108-109 '67.

Specifying the aerodynamic analysis of cyclone-vortex combustion chambers. P. M. Mikhlinov, E. N. Sabarov. *Energomashinoostroenie* 14 no. 4:18-19 *Ap.* '68.

Specifying the values of efficiency indicators to calculate transient processes of turbine piston engines. A. S. Epshstein. *Dvig. vnutr. agor.* no. 6:30-34 '67.

Stand for washing oil filters. A. Dakhin. *Tekhn. v sel'khoz.* 28 no. 4:71-72 '69.

Starting characteristics of a tractor diesel with TaNDi-type combustion chamber. S. A. Hoshchakov and others. *Trakt. i sel'khozmasl.* no. 5:3-5 *My.* '68.

Stress in moving the fuel pump rod of a tractor diesel engine. V. A. Etkov. *Dvig. vnutr. agor.* no. 6:48-51 '67.

Study of the effect of a turbocharger on the calorific intensity of an air-cooled diesel piston. G. A. Mikailov. *Trakt. i sel'khozmasl.* no. 3:8-11 *Mr.* '68.

Studying the hydraulic regulator of engine rpm. K. D. Dolganov, N. P. Shukshin. *Dvig. vnutr. agor.* no. 6:66-75 '67.

Tractor engines operating on liquefied gas. N. Voznesenskii, V. Anisichenko. *Tekhn. v sel'khoz.* 28 no. 4:74-78 '68.

Transmitters of automatic control systems of propellers on turbochargers for marine diesels. B. I. Shifrin. *Sudovye dizeli* 58 no. 5:31-34 *My.* '68.

Turbochargers for diesel engine supercharging. V. K. Efremov, V. T. Borodkov. *Energomashinoostroenie* 14 no. 4:47-48 *Ap.* '68.

Use of a pulse converter in the diesel engine exhaust system. A. E. Stinson, V. G. Roshkov. *Trudy KHIT* no. 80:31-34 '68.

Use of a pulse converter in the diesel engine exhaust system. A. E. Stinson, V. G. Roshkov. *Trudy KHIT* no. 80:31-34 '68.

Verdakov, losses in a turbine stage. A. D. Mezheritskii. *Energomashinoostroenie* 8 no. 6:21-22 *Je.* '62.

Warming and starting automotive engines by equipment operating on electric power lines. V. Kozlov. *Tekhn. v sel'khoz.* 28 no. 1:52-64 '66.

Working cycle indices of the gas tractor engine. N. I. Voznesenskii, V. V. Anisichenko. *Trakt. i sel'khozmasl.* no. 5:3-7 *My.* '68.

621.43(471.341)—Gorky Province

Work-in and wear-resistant coatings of engine parts at the Gorky Motor Vehicle Plant. L. B. Gurevich. *Avi. prom.* 27 no. 7:51-52 *JI.* '61.

621.43(477)—Ukrainian S. S. R.

Overall automation and mechanization of the section for assembly of the 5MD-14 diesel engine. M. I. A. Zlotopol'skii. *Trakt. i sel'khozmasl.* no. 5:42-43 *My.* '68.

621.5 Pneumatic energy. Machines. Refrigeration. Heat pumps

Algorithm for control of multistage evaporation plants. R. A. Ladoy. *Khim. mashinostr.* no. 5:155-161 '68.

Analysis of gas refrigerating machines with acetone cooling of the cooling agent in the radiator. B. S. Dorogov, G. P. Kullachiev. *Izv. AN SSSR, Energ. i transp.* no. 2:105-112 *Mr.* '68.

Analysis of the effect of passivation of heat exchanger apparatus with sodium nitrite. O. V. Muratov and others. *Khol. tekhn. i tekhn.* no. 5:54-58 '67.

Automatic air consumption control in pneumatic conveying systems in flour mills. A. Ptasnikov and others. *Mikr. otov. prom.* 31 no. 5:13-15 *My.* '68.

Automatic continuous ion exchange in the production of antibiotics. S. G. Cherkalov, R. A. Laitov. *Khim. mashinostr.* no. 5:125-140 '68.

Automatic heap supply in experimental models of auger presses for the manufacture of tubes and shaped distillation apparatus from thermoplastics. I. U. Osovskii, S. A. Sel'gov. *Khim. mashinostr.* no. 5:164-166 '68.

Axially-symmetrical electrostatic high-vacuum valve. B. Sh. Berdimirzayev, V. V. Kravchuk. *Fiz. tekhn. eksp.* no. 1:161-163 *Jan.* '68.

Calculating dipole-quadrupole molecular interaction in determining the thermodynamic properties of polar gases. A. I. Tsyrkalo. *Khol. tekhn. i tekhn.* no. 5:80-83 '67.

Calculating round perforated plates. V. M. Dolinskii, B. S. Koval'skii. *Khim. mashinostr.* no. 5:13-20 '68.

Calculating stresses in bimetallic plates. V. M. Dolinskii. *Khim. mashinostr.* no. 5:10-15 '68.

Characteristics of low-temperature modifications of the PCB compressor. V. T. Chirchikh. *Khol. tekhn. i tekhn.* no. 5:45-48 '67.

[Chemical and refrigeration machinery manufacture] *Ref. zhur.: Khim. i khol. mashinostr.* nos. 5, 7, *My.* '68.

Comparison of methods in cooling diaphragms of aqueous ammonia absorption refrigerating machines. I. L. Chinka, B. A. Minkus. *Khol. tekhn. i tekhn.* no. 5:83 '67.

The density of trifluoromethane (F-13B1) at low temperatures. H. K. Nikul'shin, I. G. Zalovnikov. *Khol. tekhn. i tekhn.* no. 5:83-85 '67.

- 621.77 (Continued)
Using the Ritz method in the variation problems of the theory of rolling. B. I. Klavins, I. A. Tarnovskii. Sborn. nauch. tr. Ural. pol'tekhn. inst., no. 162-4 '67. Variational study of the forming in a simple case of rolling. B. I. Klavins, I. A. Tarnovskii. Sborn. nauch. tr. Ural. pol'tekhn. inst., no. 162-83-87 '67.
Ways of improving the quality of pipe steel. V. I. Bapiz-messki and others. Metallurgichesk. prom., no. 2-3-18 '67-68.
- 621.78 Heat treatment
Characteristics of a nitrocarburizing process applicable to heavily loaded gears. L. I. Matukina and others. Trakt. i sel'khoz. mash., no. 3-43-44 '67-68.
Comparison of cast irons by hardening. K. M. Matukina. Izv. AN SSSR, no. 3-43-38 '67.
Complex hardening of low-carbon steel. B. I. Kozlovskii, M. S. Buzikov. Uch. zap. izn. gos. ped. inst., 46-167-171 '67.
Conditions of annealing hard-faced tools. A. I. Mironov, R. A. Kozlovskii. Metallurg. i term. obr. met., no. 12-61 '67.
Effect of annealing on grindability of aluminum blast-furnace slags. G. S. Drykhlin. Trudy NIISementa, no. 21-24-40 '66.
Effect of conditions of deformation and heat treatment on the physico-mechanical properties of molybdenum. Z. A. Tomilova, T. I. Petrova. Metallurg. i term. obr. met., no. 12-61-73 '67-68.
Effect of high-temperature thermomechanical treatment on mechanical properties of the properties of spring steel. O. I. Shvets. Metallurg. i term. obr. met., no. 12-61-90 '67.
Evaluating the efficiency of using carburizing processes in machine building. O. I. Uliina and others. Metallurg. i term. obr. met., no. 5-75-78 '67-68.
Grinding of Fe-C alloys in annealing. D. N. Kholodkovskiy, V. M. Korolev, L. N. Polov, no. 12-35-39 '67.
Increasing the strength of cutting tools by thermobaric treatment. G. Kassamov, I. Muller. Metallurg. i term. obr. met., no. 12-10-31 '67.
Surface hardening of the guide plates of a screw-cutting lathe. I. P. Trofimenko. Tekhn. i org. proizv., no. 3-77-78 '67-68.
Influence of a magnetic field on the properties of TiNiCu35Ti3 alloy during the thermomagnetic treatment. V. V. Sergeev and others. Metallurg. i term. obr. met., no. 5-62-66 '67-68.
Influence of sulfur and manganese on the graphitizing of white cast iron. R. P. Ivanov, I. E. Lev, A. K. Rudin, L. I. Prosvir, no. 12-36-38 '67.
Influence of the heat treatment on the wear resistance of manganese cast iron. A. N. Volkov, V. B. Ladaukil, D. I. Stanchev. Metallurg. i term. obr. met., no. 5-59-61 '67-68.
Kinetics of the hardening of high-manganese steel. A. S. Kozlovskii, V. M. Kozlovskii, V. F. Kharitonova. Izv. vuzov, ucheb. zav., Chern. met., II no. 5-89-102 '66.
Making use of forging heat for the annealing of K18 and R18M high-speed steels. L. N. Buslars, N. N. Loubin, S. M. Rappaport. Metallurg. i term. obr. met., no. 12-61-15 '67.
Mandreling openings in thick-walled bushings. V. P. Monchicko, N. F. Eremanko. Trakt. i sel'khoz. mash., no. 2-38-40 '67-68.
New kind of glass protection. B. Klavins. Izv. i rats., no. 6-24-25 '68.
Properties and heat treatment of Ti-Mn and Ti-Mn-Al alloys. V. N. Molodtsov. Metallurg. i term. obr. met., no. 12-61-12 '67.
Recovery during aging in commercial titanium alloys. P. P. Iuzitskiy and others. Metallurg. i term. obr. met., no. 12-61-7 '67.
Surface hardening of metals by the "Alomol" method. Metallurg. i term. obr. met., no. 12-71 '67.
Tempering case-hardened pistons. I. P. Bana and others. Tekhn. i org. proizv., no. 3-75-77 '67-68.
Thermal hardening of oxygen-blown low-alloy steel. N. I. Buda and others. Metallurgichesk. prom., no. 2-42-46 '67-68.
Thermal hardening of steel by the spray cooling method. V. N. Vydrin, P. R. Anosov, G. V. Korotitskiy. Sborn. nauch. tr. Ural. pol'tekhn. inst., no. 162-268-278 '67.
Thermomechanical hardening of KhN70TMF16 and KhN71TU alloys. M. L. Herdshel, E. A. Sitnikova. Izv. vuzov, ucheb. zav., Chern. met., II no. 5-135-138 '68.
- 621.79 Various other kinds of metalwork
Construction of elevator and storage capacities in the Lithuanian S. S. R. V. Tablin. Msh. i stroit. prom., 34 no. 5-10-11 '67-68.
Efficient type of a mobile technical service ship. A. G. Edeas. Stroitel. i dor. mash., II no. 2-33-37 '68.
Etching of titanium in hydrochloric acid. E. F. Zhiglovskiy, K. P. Balashev. Zhur. prikl. khim., 41 no. 1-368-200 '68.
Lachkov, N. V. [Riveting and embossing steel structures] Klepka i chekanka stal'nykh konstruktsiy. Moskva, "Vysshaya shkola," 1967, 135 p.
Semiautomatic machine for the electric spark cutting of a thin metal tube. D. K. Dmitrov. Tekhn. obr. met., no. 1-81-87 '68.
Studying welded joints of the steels 20 and Kh18Ni9Ti, made with low-carbon steel filler. III. I. Kozlovskiy, V. V. Ruschkin, L. E. Rumiantseva. Khim. i nef. mashinostr., no. 5-26-29 '67-68.
- Choice of the design of a joint in welded pressure pipes made of high compaction polyethylene. Energ. stroit., no. 12-34-38 '67.
Cold welding of cast iron using a steel electrode with a special coating. V. M. Onoshin, R. P. Kozlovskii. Uch. zap. izn. gos. ped. inst., 46-163-165 '67.
Gauges for measuring weld joint dimensions. G. I. Kalitayev, A. P. Stukozov. Khim. i nef. mashinostr., no. 5-40-43 '68.
Improved tool for the contact welding of polyethylene pipes. S. V. Eklisov. Vost. i zap. tekhn., no. 7-19-22 '67.
New electrolytes for repair of parts by rhodium plating. P. Popovskii. Tekhn. i org. proizv., 34 no. 4-73-74 '68.
Projection welding in the automotive industry. A. I. Gulyaev, V. A. Klimov. Avtomob. i avtomob. prom., 14 no. 2-40-10 '67-68.
Removing roots of welds by grinding in welded metal constructions. A. M. Razdol'skii. Stroitel. i dor. mash., 13 no. 3-28-28 '68.
Research and experimental introduction of semiautomatic electroslag welding of heavy reinforcements with use of steel forms. V. V. Andreev, V. V. Vorobiev, D. T. Timonov. Energ. stroit., no. 12-35-48 '67.
Studying welded joints of the steels 20 and Kh18Ni9Ti, made with low-carbon steel filler. III. I. Kozlovskiy, V. V. Ruschkin, L. E. Rumiantseva. Khim. i nef. mashinostr., no. 5-26-29 '67-68.
Tool for automatic welding of angular joint seams in carbon arc atmosphere. I. M. Mura. Stroitel. i dor. mash., 11 no. 10-31-32 '66.
Using soft electrodes for welding steam pipes made of ISKhM16 steel. A. Z. Kontorvskii, E. D. Razuvov. Energ. stroit., no. 12-32-34 '67.
Wear-resistant surfacing with powder wire. III. D. Nyslov. Khim. i nef. mashinostr., no. 5-18 '68.
Welding operations during the installation of mechanical heat equipment in power plants. S. S. Baboshin, F. A. Khromchenko. Energ. stroit., no. 10-11-50-66 '67.
- 621.782 Joining by adhesives. Bonding, gluing. Pressure jointing, plugging, caulking
Determining heat clearance in automatic assembly of lightened joints. G. I. Andreev, II. M. Arsenov. Tekhn. i org. proizv., no. 3-107-110 '67-68.
- 621.793 Metallization
Kinetic study of regularities of electroless nickel plating process in an alkaline solution (case of a single use of solution). V. A. Zhukov, R. I. Esin. Zhen. prikl. khim., 41 no. 1-87-77 '68.
Production of the targets for nuclear research and invagination of tulium, thodium, and polonium deposits. V. M. Medvedev, L. I. Kadarov. Ukr. fiz. zhur., 13 no. 1-127-129 '68.
[Protective coatings] Zashchitnye pokrytiya. Izd. ofits. Moskva, Izd. standartov, 1968, 40 p. (Cos. standardy SSSR).
- 621.798 Packaging
Container return as a source for the container supply economy in the dairy industry. S. V. Znamenskiy, B. V. Apelin, Zh. V. Frenova. Khim. prom., II no. 2-9-12 '68 '68.
Do not be worried about glass. V. Torkhanovskii. Izv. i rats., no. 6-18-19 '68.
Improving iron packing containers for oleoresins. V. A. Mondulov. Gidroliz. i tekhn. prom., 21 no. 4-18-19 '68.
Ozhogin, A. L. [Manufacturing barrels of wood-fiber mass] Proizvodstvo beshok iz drevnosolovoi massy. Moskva, 1966, 14 p. (Bumaga i sel'khoz. mashinostr.) [MICROFILM]
Scaling of sorins for the expenditure of wooden materials for packaging of food products. S. I. Kizilina. Khim. prom., 9 no. 2-16-21 '67-68.
Transportation of loose granulated sugar. M. S. Soban-skiy, A. I. Kabanov. Sakh. prom., 42 no. 5-27-28 '67-68.
- 621.8 Power transmission. Materials handling. Mechanical fixing, attachment. Lubrication
Actual performance of electrically operated compound pulleys of gantry cranes of container loading platforms. H. F. Hoshovskiy, N. G. Efremov. Trudy MII, no. 241-82-85 '67.
Automatic grappling devices. V. G. Kirkin. Trudy MII, no. 241-22-28 '67.
Brief analysis of engineering solutions of the contact problem. A. F. Dubrovskii, V. A. Dubrovskii. Trudy MII, no. 241-119-120 '67.
Design of bolted joints loaded by force and momentum. A. F. Dubrovskii. Trudy MII, no. 241-31-50 '67.
Loading coefficient in bolted joints. V. A. Dubrovskii. Trudy MII, no. 241-20-35 '67.
Modernization of grappling devices of universal containers. V. G. Kirkin. Trudy MII, no. 241-12-21 '67.
Overall mechanization of container transshipment operations. V. G. Kirkin. Trudy MII, no. 241-4-11 '67.
Position of the axle of turn of a rigid plate when subjected to loading by momentum in an elastic medium. A. F. Dubrovskii, V. A. Dubrovskii. Trudy MII, no. 241-36-40 '67.
Some methods of designing packaging machines. A. E. Ridel'. Trudy MII, no. 241-80-88 '67.
Surface hardening of gear wheels made of aluminum alloys. V. I. Vilinov, V. V. Kovalev. Trudy MII, no. 241-130-138 '67.
- 621.81 Machine elements
Bending calculation of teeth in a wheel with an inside rim. D. I. Kostuk. Det. mash. i pod'm. i transp. mash., no. 4-6-76 '68.
- Calculating single-stage hydrostatic sliding bearings with various types of clearance. O. I. Bapiz-messki, H. D. Rudenko. Det. mash. i pod'm. i transp. mash., no. 4-77-83 '66.
Capacity of take plates of shell and tube heat exchangers. B. S. Korol'skiy, B. M. Dolinskii. Det. mash. i pod'm. i transp. mash., no. 4-100-103 '66.
Determining maximum stress peaks on transient expansion of teeth. V. S. Babinov. Det. mash. i pod'm. i transp. mash., no. 4-5-11 '66.
Determining residual by contact stresses in a drive coupling and plotting of a stress-strain curve. O. A. Miskuk. Det. mash. i pod'm. i transp. mash., no. 4-177-183 '69.
Determining the durability of parts by calculating the spread in expansion of fatigue cracks. V. M. Babinov. Det. mash. i pod'm. i transp. mash., no. 4-143-149 '69.
Determining the rated load in beveled gears. B. I. Zubalovskii. Det. mash. i pod'm. i transp. mash., no. 4-42-46 '66.
Distribution of contact stresses in a clamp coupling. O. A. Miskuk. Det. mash. i pod'm. i transp. mash., no. 4-145-151 '69.
Dynamic loads in lift cables. M. A. Lashov. Det. mash. i pod'm. i transp. mash., no. 4-156-164 '66.
Effect of residual deformations in the contact zone of direct and inverse action on the anti-fretting properties and durability of friction joints. III. A. Kholodkovskiy. Trudy NIIZIT, no. 57-23-27 '66.
Effect of the delay time on the durability of contact joints of plastic parts. A. D. Maslennikov, I. G. Maslennikov, Izv. vuzov, ucheb. zav., Chern. met., 10 no. 1-99-111 '67.
Effect of the driving gear position with respect to bearing on the load concentration. K. I. Zolotarev. Det. mash. i pod'm. i transp. mash., no. 4-100-103 '66.
Effectiveness of metal screening taking into account the probability of amplification. R. V. Gulyaev. Det. mash. i pod'm. i transp. mash., no. 4-100-103 '66.
Experimental investigation of dynamics of the drive reduction gear of a locomotive. A. E. Baboshin and others. Det. mash. i pod'm. i transp. mash., no. 4-177-183 '69.
Investigating initial stresses in bearing elements of a loading crane with the help of a photoelasticity method. A. S. Tikhonov. Det. mash. i pod'm. i transp. mash., no. 4-103-103 '69.
Investigation of anticorrosion properties of a group of plastic materials for sliding bearings in automatic media. II. A. Vukobratov, A. F. Kabanov. Trudy NIIZIT, no. 57-52-57 '66.
Loading capacity of gearless plate wheels with a left profile. T. N. Kirichuk. Det. mash. i pod'm. i transp. mash., no. 4-150-151 '66.
Method of plotting fatigue characteristics of steel parts. B. D. Tikhonov. Det. mash. i pod'm. i transp. mash., no. 4-132-139 '66.
On the length of the sections of partial cracks. II. I. Zhuravskii. Det. mash. i pod'm. i transp. mash., no. 4-146-141 '68.
Optimum parameters of load lifting mechanisms. A. A. Kozlovskii. Det. mash. i pod'm. i transp. mash., no. 4-135-155 '66.
Parameters of the measuring diagram and sensitivity for registering static deformations with the aid of piezoelectric transducers. V. I. Yakubovich. Det. mash. i pod'm. i transp. mash., no. 4-104-108 '68.
Safety of clutch with a low sensitivity to a friction coefficient. A. I. Eshkovskiy, A. V. Dubrovskiy. Det. mash. i pod'm. i transp. mash., no. 4-126-127 '67.
Significance of loading condition in determining the critical dimensions of a column section. N. V. Gulyaev. Det. mash. i pod'm. i transp. mash., no. 4-100-103 '66.
Some questions in the theory and design of gearless special variants. A. M. Gulyaev, G. M. Sidorov. Det. mash. i pod'm. i transp. mash., no. 4-126-127 '67.
Tables for calculating the hydrostatic pitch. V. G. Danilov, N. I. Tsvetkov. Det. mash. i pod'm. i transp. mash., no. 4-100-103 '66.
Theoretical and experimental investigation of load distribution between plastic bearings and elastic under friction conditions. III. A. Vukobratov. Trudy NIIZIT, no. 57-38-51 '68.
- 621.82 Transmission systems and parts
Bearing with a welded edge. M. D. Rudenko, A. I. Vukobratov. Stroitel. i dor. mash., II no. 5-33-37 '67-68.
Bending rigidity of flexible shafts. V. M. Kabanov. Det. mash. i pod'm. i transp. mash., no. 2-24-20 '67-68.
[Doors of anticorrosion bearings] Korpusa podshishnikov kachestva. GOST 13218, 1-00ST 13218, 11-67. Izd. ofits. Moskva, Izd. standartov, 1968, 60 p. (Cos. standardy SSSR).
Clutches with diaphragm springs. S. G. Borisev. Trakt. i sel'khoz. mash., no. 5-45-47 '67-68.
Determining gear efficiency by calculating losses in bearings. N. S. Minnator, A. A. Adilov. Trudy Tekhn. i org. proizv., no. 30-83-103 '67.
Device for determining the efficiency of gear pairs of a tractor hydraulic system. V. I. Mikhlin, B. M. Kabanov, A. A. Buhil. Trakt. i sel'khoz. mash., no. 5-45-47 '67-68.
Device for the repair of steering gear housings. P. P. Frukht. Tekhn. i org. proizv., 28 no. 4-85 '68.
Elastic coupling for measuring torque. Kh. G. Kabanov. Trudy MII, no. 267-60-67 '68.
Further perfection of the design of pneumatic drive couplings. A. A. Antonov, B. D. Kikalenko. Msh. i stroit. prom., no. 4-26-27 '68.
Investigating the deformation of cast polyamide bearings with the aid of wire strain gauges. B. A. Shchukin. Trudy Tekhn. i org. proizv., no. 30-78-88 '67.
Nonbearing openings in thick-walled bushings. V. P. Monchicko, N. F. Eremanko. Trakt. i sel'khoz. mash., no. 2-38-40 '67-68.
On calculating elastic calibrating draw plate for automatic production of buttresses and bushing roller chains. V. A. Ognivits. Avtomatiz. proizv. i mashinostr. i stroit. no. 5-24-20 '67.

Classification of basic diagrams of machine-tool calls for selecting rational solutions for machining processes. V. V. Vlasovskiy. Tekhn. org. protzv., no. 3:51-53 May-Je '68.

Calculation of arranging hard-faced tools. A. I. Burukov, R. A. Beresnevich, M. A. Babin, Izv. vuzov, no. 12:61-62 '68.

Pragmatic calculation of transition processes during retardation of a hydraulic power cylinder piston. O. N. Tikhonov, V. G. Chaplin. Stan. i instr., 39 no. 4:14-16 Apr '68.

[Diamond cutters] Reziy almanah. GOST 13288-87 - GOST 13287-87. Izd. ofits. Moskva, [Izd. standartov, 1987] 44 p. (Gos. standarty SSSR).

Effect of electric spark and other types of machining on the strength of hard alloys. G. P. Zlobin, A. M. Piatov. Tekh. obrab., no. 1:3-3 '68.

Plastic deformations and vibration stability of the SPIN machine-tool attachment, cutting-tool, work-piece system. K. A. Markin. Stan. i instr., 39 no. 4:7-9 Apr '68.

The electronic brain of the plant. F. I. Buzuk. NTO 10 no. 3:11-13 Mr '68.

The function of rhythmically. N. M. Kiselev. NTO 10 no. 3:16-17 Mr '68.

High quality. P. Samukov. NTO 10 no. 5:33 Mr '68.

Hydraulic drive for coordinate shifts of the working machine-tool. L. Z. Chikharidin, V. S. Sudorin, M. B. Kiselevich. Stan. i instr., 39 no. 4:12-14 Apr '68.

IG-5M machine for manufacturing polycrystalline. V. I. Golov, K. O. Gnev, Tekh. v sel'sk. khoz., 29 no. 4:42-53 '68.

Methods for determining the cutting properties of tools. I. A. Kharadava, I. L. Tarakanov. Vost. AN SSSR. Ser. fiz.-tekhn. nauk., no. 2:12-18 '63.

Muslin, E. S. [Metal changes shape] Metall mentaet formu. Moskva, "Mashinostroyeniye", 1968. 364 p.

New electric nut runners. E. S. Dolnik, E. S. Sidorovskiy. Stroi. i dor. mash., 13 no. 3:20-33 Mr '68.

New machine tools. Stan. i instr., 39 no. 4:45 Apr '68.

New tool for mechanizing plastering and finishing work. G. P. Dolgin. Stroi. i dor. mash., 11 no. 5:20 May '66.

Planning on a scientific basis. K. A. Solomatin. NTO 10 no. 3:14-15 Mr '68.

Plant management is problems No. 1. P. Sivits. NTO 10 no. 3:16-17 Mr '68.

Removal of cast-iron shavings from the cutting instrument by a pneumatic conveyor. H. L. Maglitskiy, R. M. Ulanovskiy. Tekhn. i sel'sk. khoz. mash., no. 5:33-44 May '68.

Rigidity of shock losses. R. N. Kurnosov, M. L. Orlikov. Stan. i instr., 39 no. 4:30-42 Apr '68.

Small-stroke laboratory press. I. A. Radkevich, I. M. Vasiliev. Zh. i. fiz. i khim. Prikl. i tekhn. nauk., no. 1:18-20 Jan-Fe '68.

Stand for testing drive clutches. A. P. Golushev. Stroi. i dor. mash., 11 no. 5:29-28 May '66.

Study on the wear of cutting tools in working steel castings. S. V. Laminaki. Vost. AN SSSR. Ser. fiz.-tekhn. nauk., no. 2:73-83 '63.

Two heads are better than one. B. A. Miller. NTO 10 no. 3:15-16 Mr '68.

Yield point of multilayered metals. G. E. Arkutov, V. G. Dorogobid. Sbor. nauch. trud. Ural. politekh. inst., no. 182:184-191 '67.

621.91(77)—Ukrainian S. S. R.

Production and distribution of instruments. V. I. Ilin. Mas. i tekhn. stroit., 1 no. 3:47-49 Mr '68.

621.91 Roughing, planing, shaping, slotting. Milling. Filing. Ramping. Broaching.

Cutting face teeth with a flying cutter on a gear milling machine. G. M. Raikman, V. I. Ivanov. Stan. i instr., 39 no. 4:30-33 Apr '68.

Effect of cutting tool material on the condition of machined surface. A. G. Belov. Stan. i instr., 39 no. 4:35-37 Apr '68.

Inserted hobbing cutters with hard-alloy relieved teeth. I. P. Zakharenko, O. I. Molodtsov. Stan. i instr., 39 no. 4:27-28 Apr '68.

[Machine-tool attachments. Parts and units] Prispособleniya stanochnyo. Detal. i uzly. Izd. ofits. Moskva, [Izd. standartov]. (Gos. standarty SSSR).

Ch. 3. GOST 12037-67 - GOST 12981-67, GOST 1555-67 - GOST 1557-67, GOST 1550-67, GOST 1500-07, 1967, 128 p.

Ch. 4. GOST 13152-67 - GOST 13166-67, 1067, 124 p.

Operation of milling machines with numerical programmed control. V. N. Sivets and others. Stan. i instr., 39 no. 4:42-43 Apr '68.

Optimum cutting rate in face milling. A. I. Belousov, N. P. Reznikova, R. V. Solovov. Stan. i instr., 39 no. 4:33-31 Apr '68.

Pekelis, G. D., B. T. Gel'berg, and R. N. Gordin. [Centralization and specialization of the repair of equipment in a production combine. (From the practice of LOMO)] Tsenralizatsiya i spetsializatsiya remonta oborudovaniya v proizvodstvennom ob'edinenii. (Iz opyta LOMO). Leningrad, 1967. 32 p. (Leningr. dok. nauch.-tekhn. propagandy. Seriya "Mekhanizatsiya i avtomatizatsiya proizvodstva").

Role of automatic control in manufacturing gear milling machines. M. G. Diod, A. U. Kristul, S. B. Piatomovich. Stan. i instr., 39 no. 4:20-22 Apr '68.

[Thrust centers and somicenters] Tsenstry i polutsentry upornyoe. GOST 2576-67, GOST 2576-67, GOST 13214-67, GOST 13215-67. Izd. ofits. Moskva, [Izd. standartov], 1968. 24 p. (Gos. standarty SSSR).

621.92 Abrasive, shavings. Grinding, polishing. Dressing, separating and mixing.

Automatic charging of ceramic grinding machines. B. I. Ber, K. V. P. Redometskiy. Avtomatiz. protzv., no. 5:76-80 '67.

Automatic control of size of products made by dry automatic grinding equipment. A. S. Divokovich and others. Izv. vuzov, no. 11 no. 2:174-177 '68.

Diamond and heating cylinder sleeves made of hardened cast iron. V. P. Lepel'skaya, A. A. Gaid, I. M. Staryanov. Tekhn. i org. protzv., no. 3:54-52 My-Je '68.

Efficiency indices of the work of hydrocyclones. V. I. Butinov, A. D. Bochkov. Izv. vuzov, no. 11:1253-1286 '67.

Electric hydraulic drive of grinding wheel in centerless grinders. O. I. Parkovskiy. Stan. i instr., 39 no. 1:17-19 Apr '68.

Flattening cylindrical holes in parts of tractor engines. K. S. Shevstov. Tekhn. i org. protzv., no. 3:62-64 My-Je '68.

Grinding high-speed steels with discs from cubic boron nitride. D. G. Marchenko, L. K. Zelova. Stan. i instr., 39 no. 4:37-39 Apr '68.

Increasing the precision of globoid worms and cutters. I. M. Subachov, V. M. Shmols, N. I. Popov. Tekhn. i org. protzv., no. 3:48-51 My-Je '68.

Microanalysis of cast particles with foam tubes and solutions. A. A. Solov'yev, V. K. Tikhomirov. Koll. zhur., 30 no. 1:2-9 Jan-Fe '68.

Investigating instantaneous temperatures in grinding alloyed steels. D. E. Argel'tshik, G. Z. Litovskiy, S. N. Filonenko. Tekhn. i org. protzv., no. 3:51-54 My-Je '68.

The KDM-2 QM hammer feed grinder. "Mashinostroyeniye". V. I. Gritsarenko, B. S. Shershtak. Trakt. i sel'sk. khoz. mash., no. 2:36 '63.

Mechanized line for continuous grinding of round shafts. G. G. Alekseyev, K. A. Mamontov, V. V. Fedorov. Metalurg. i no. 4:31-35 Apr '68.

New methods for sharpening drills. I. G. Dibner. Stan. i instr., 39 no. 4:22-33 Apr '68.

Parameters of the mixing process in mixed feed ingredients. A. A. Abramov. Muc. i sel'sk. khoz. mash., no. 5:20-21 My '66.

Realizability of colloid flotation by means of flotation reagent widely used in cotton flotation practice. I. I. Savchenko, G. S. Kravtsov, S. G. Akhmedov. Koll. zhur., 30 no. 1:131-136 Jan-Fe '68.

Powerful two-roll hammer crusher. V. I. Kravtsov, I. V. Voronin, T. Semenov. Stroi. i dor. mash., 13 no. 3:20-33 Mr '68.

Prevention of dust escape from crushers and grinders. T. Semenov. Stroi. i dor. mash., 13 no. 3:13-14 Mr '68.

Programmed control system of a machine for grinding multistep shafts. M. I. Bratskov and others. Stan. i instr., 39 no. 4:1-4 Apr '68.

Roll charging of a raw material mill. I. I. Cherop. Stroi. i dor. mash., 13 no. 3:10-20 Mr '68.

Self-acting guard plates in single-chamber raw material grinders. D. A. Izabalyov. T. Semenov. Stroi. i dor. mash., 13 no. 3:22 Mr '68.

Studying the performance of plate separators for liquids. V. I. Sokolov, M. S. Tominov. Koll. zhur., no. 5:15-16 My '68.

Supply of grinding media and spare parts about the improved. I. R. Morozov. T. Semenov. Stroi. i dor. mash., 13 no. 2:24 '68.

Wear resistance and effectiveness of using linings in ball mills. A. N. Ivanov, A. V. Rylov. Prom. i tekhn., no. 3:3-5 My-Je '68.

Wood-fiber boards with a painted surface. Stroi. i dor. mash., 13 no. 2:26-27 F '67.

621.94 Lathe and lathe work. Turning.

Height and depth of work hardening of the surface layer in oscillating turning. A. V. Darynenko. Vost. AN SSSR. Ser. fiz.-tekhn. nauk., no. 2:127-129 '63.

621.95 Drills and drilling. Reaming. Centering.

Approximation calculation of stress condition of a drill. A. L. Lysakovich, V. I. Lysakovich. Stan. i instr., 39 no. 4:29-30 Apr '68.

Automatic production of compound center drills. S. Darynenko. Stan. i instr., 39 no. 4:24-28 Apr '68.

Drilling deep holes with worm drills. E. M. Dezhnev, V. A. Ivashin. Stan. i instr., 39 no. 4:26-29 Apr '68.

Horizontal drill press. G. Khamidulin, M. Mufinkheidinov. Tekh. v sel'sk. khoz., 28 no. 4:86-87 '63.

Reaming of holes in 20GKhZ steel parts. I. U. G. Mikhutkin. Stan. i instr., 39 no. 4:43 Apr '68.

S-603 electric nut driver. D. S. Fedoseev. Stroi. i dor. mash., 13 no. 2:24 '68.

Stand with a programmed electronic unit for testing mechanized power tools. I. U. G. Ivanov. Stroi. i dor. mash., 13 no. 5:21-22 My '68.

Study of vibrations in jig boring machines. T. S. Vorob'eva, R. O. Shamet. Stan. i instr., 40 no. 4:10-12 Apr '68.

621.95(470.25)—Armenian S. S. R.

A city named after the October Revolution. Prom. Arm., 10 no. 11:49-56 '67.

621.97 Hammers. Presses.

Economic efficiency of operating steam drop hammers and hot drop forging crank presses. V. M. Glushkov, E. H. Berdnikov, N. F. Pankratov. Avt. prom., 34 no. 2:31-33 '68.

Steam distributing mechanism of a forging hammer with semiautomatic remote control. L. I. Zhilov, R. I. Ret. Avtomatiz. protzv. i mashinostroyeniye, no. 5:34-36 '67.

621.97(471.324)—Voronezh Province

On the raft course. S. Sil'chenko. NTO 10 no. 5:7 My '68.

621.98 Sheet metal working. bending machines.

Designing and producing reinforced-concrete parts for sheet-straightening machines. V. P. Pivovarov, P. I. Mestalkin, P. T. Dubinin. Tekhn. i org. protzv., no. 3:43-46 My-Je '68.

Determination of stresses and deformation in the theory of pressure metalworking by the Trefftz method. B. I. Gattili, I. A. Tarnovskiy. Stroi. i dor. mash., 13 no. 1:18-22 '67.

Determining the bulging at the ends of a plate during embossing. I. K. Kozlov. Izv. vuzov, no. 11:114-115 '66.

Marking hot and cold metals. V. G. Kononenko, B. I. Fedorenko. Tekhn. i org. protzv., no. 3:67-68 My-Je '68.

Stamping by means of explosion. Tekhn. i org. protzv., no. 3:113 My-Je '68.

621.99 Sheet (sheet) cutting.

Preceding operation of 10-18 steel for cutting threaded screws. Calculation on different machine materials. A. I. Ponomarev, A. M. Zolotarev, I. I. Ilyashovskiy. Tekhn. i org. protzv., no. 3:59-62 My-Je '68.

[Screw threads] Reziy. Izd. ofits. Moskva, [Izd. standartov, 1967]. 143 p. (Gos. standarty SSSR).

Selecting optimum cutting regimes in cutting threaded nonferrous metal parts made of aluminum. A. Z. Vasyunskiy, A. I. Pilyayev. Koll. zhur., no. 5:11-13 My '68.

Small snap-frame cylindrical threading dies. A. M. Brodskiy. Stan. i instr., 39 no. 4:23-26 Apr '68.

622 MINES AND MINERAL DRESSING

Application of widespread magnetic recording technology to experimental determination of interference effects in remote control systems of mines. I. I. Gromovskiy, V. I. Bolokhin, K. A. Volkov. Prikl. i tekhn. nauk., no. 1:133-136 '67.

Construction of mathematical and economic models for mines. A. A. Butchakov, V. M. Vorob'ov, M. A. Kozlov. Stroi. i dor. mash., 13 no. 3:13-14 Mr '68.

Criteria for the estimate of the level and efficiency of the concentration of mining operations. B. M. Vasil'ev, A. A. Kuznetsov. Izv. vuzov, no. 11:114-115 '66.

Criteria of the optimum in comparing variants of mine reorganization. I. G. Bortnikov, M. A. Kozlov. Stroi. i dor. mash., 13 no. 3:13-14 Mr '68.

Determination of energy consumption for lifting velocity to shear and grind. V. E. Shteyn. Izv. vuzov, no. 11:114-115 '66.

Experimental determination of frequency for the measurement of radial signals in coal mine shafts. A. A. Ivanov, I. G. Sakin, M. S. Shakhin. Izv. vuzov, no. 11:114-115 '66.

Height of the block of auxiliary mine shaft. D. A. Kravskiy, D. N. Parkhomov, N. I. Masyanov. Stroi. i dor. mash., 13 no. 2:6 '68.

Mathematical model of a shaft bottom. A. A. Kravskiy, B. I. Aronovskiy, B. M. Vorob'ov. Nauch. i tekhn. i tekhn. nauk., no. 5:14-15 '67.

[Mining] Hof. zhur.; Gos. izd. nos. 0-7 My-Je '68.

[Mining engineering and metallurgy] Tekhnika gor'nogo doba i metallurgii. Moskva, "Nauka", 1968. 406 p. (Ocherki razvitiya tekhniki v SSSR).

Poturnov, V. N., and V. I. Dyryba. [Polynites in the field] Polynity v gornom dole. Moskva, "Nauka", 1968. 123 p.

Principles of a class of problems in the reliability theory. V. M. Atyushkov. Izv. vuzov, no. 11:114-115 '66.

[Production organization and planning in mining enterprises] Organizatsiya i planirovaniye proizvodstva na predpriyatiakh gornoi promyshlennosti. Pod redakt. prof. K. D. Naumova. Moskva, "Nauka", 1968. 460 p.

Radio wave transducers for rock level testing. B. A. Volokhovskiy, I. G. Sakin, M. M. Zakharenko. Prikl. i tekhn. nauk., no. 2:60-68 Mr '68.

Reservoir with quorum elements in systems of automatic mines. E. A. Ivanchenko, A. M. Kozlovskiy. Prikl. i tekhn. nauk., no. 8:49-53 '67.

Selecting official types of storage of mine timber. S. A. Virabov. Stroi. i dor. mash., 13 no. 4:5-6 Apr '68.

Selection of operating frequencies for underground radiotelemetry. I. A. Zhuravlov. Prikl. i tekhn. nauk., no. 5:124-126 '67.

Study of the noise of rocks. I. A. Zhuravlov, V. I. Tikhonov. Prikl. i tekhn. nauk., no. 8:129-132 '67.

The central form of the compensation resistance of throttling flow dividers. A. G. Dinkov, M. K. Jaeger. Izv. vuzov, no. 11:114-115 '66.

Using concrete rod bolting in very fissured material. N. M. Donskov. Stroi. i dor. mash., 13 no. 4:18-20 Apr '68.

622(470.25)—Armenian S. S. R.

Metals of the century. A. Asatryan, E. Gullian. Prom. Arm., 10 no. 11:33-34 '67.

The pearl of Zangezur. S. Garibian. Prom. Arm., 10 no. 11:41-43 '67.

622.1 Preliminary investigation. Exploration. Sampling and analysis.

Uncovered treasures. M. Sarukhyan. Prom. Arm., 10 no. 11:44-45 '67.

Beta-sampling of underground mine workings in polymetallic deposits. V. V. Kotlovnikov. Vop. razved. geol., no. 7:164-169 '68.

622.1(471.21)—Murmansk Province
Testing of underground mines and obtained ore in the mine named after S. M. Kirov. A. I. Kozlovskii, M. I. Nauch.-tekhn. inform. VIMS no. 7:13-16 '62.

622.1(477)—Ukrainian S.S.R.

Differentiation of ores and enclosing rocks by density in mines of the Krivoy Rog Basin (Sakagun strip). O. A. Kachevskii, C. V. Timofeev. Vop. razved. geol. no. 7:100-104 '66.

622.1(571.55)—Chita Province

Development of the methodology of the exploitation sampling in the Savinsk no. 5 deposit. I. I. Shtepin, N. Chumachenko. Nauch.-tekhn. inform. VIMS no. 7:16-18 '62.

622.2 Mining operations. Exploitation and working of mineral deposits. Oil and gas well drilling

Accuracy of methods for calculating coordinates of borehole points of a crooked well. V. I. Kuz'min. Nauch. khoz. no. 6:20-25 '60.

Adopting the scientific organization of labor in mining. G. A. Dais, I. I. Dmitriyenko. Shakhstroi. 12 no. 2:23-22 '66.

Advantage of changing the height of open-pit benches lining mine. B. P. Umalov, Zh. V. Babin, V. P. Smirnov. Izv. vya. ucheb. zav. i gor. zhur. 11 no. 2:13-14 '68.

All-Union conference of the workers of drilling organizations. Azerb. neft. khoz. 47 no. 6:3 of inside cover My '68.

Analyzing hysteresis losses in the rubber element of a drill damper. L. I. Shchepin, P. I. Ogrodnikov, L. S. Surin. Izv. vya. ucheb. zav. i gor. zhur. 10 no. 11:113-119 '67.

Analyzing systems of mining extremely gaseous seams. A. I. Iosifov, M. P. Zborachuk. Razrab. mest. pol. iskup. [Kiev] no. 12:54-62 '67.

Applying the theory of two-alternative decisions to the analysis of results of measurements. E. M. Bogdanovskii. Vop. razved. geol. no. 7:140-149 '68.

Assigning estimated characteristics of the strength of rocks in determining angles of inclination of strip mine. I. V. Nozlov, V. G. Zoteev. Trudy IGD [Sverd.] no. 12:13-18 '60.

Automation of railway transportation in open workings. M. V. Vasil'ev, S. L. Fosenko. Sbor. trud. IGD [Sverd.] no. 13:60-65 '60.

"AZ-30Bunnit" UKZ-146" device for carrying out control operations. I. I. Vasil'ev and others. Minsk. i neft. khoz. no. 3:4-6 '60.

Behavior of buildings under the effect of seismic shock waves. G. V. Kuznetsov, P. S. Silonov, N. V. Silvestrova. Trudy IGD [Sverd.] no. 12:72-77 '66.

Breaking rocks with single-cone bits. A. V. Zibarev and others. Burenie no. 3:6-11 '60.

Building means of mechanization for manual mining of thin coal seams. I. F. Savchenko, V. A. Leenkyk. Razrab. mest. pol. iskup. [Kiev] no. 12:62-60 '67.

Calculating interchamber pillars in mining small steeply pitching deposits. A. A. Il'vitskii. Trudy IGD [Sverd.] no. 12:97-113 '60.

Calculating the heat for air conditioning in mines under dry conditions. A. M. Ivanov. Shakhstroi. 12 no. 4:17-18 Ap '68.

Calculating the life of rod strings. L. I. Chirikov. Minsk. i neft. khoz. no. 3:17-20 '68.

Calculating the strength of drilling strings in rotary drilling taking into account reversed stresses. G. M. Sarkisov, F. N. Semagin. Nauch. khoz. no. 6:9-12 Je '68.

Calculating throttle flow dividers. M. B. Tugayev. Izv. vya. ucheb. zav. i gor. zhur. 11 no. 3:62-66 '68.

Calculation of mining conditions in an assigned time length for the execution of operations. L. M. Krut'skii. Shakhstroi. 12 no. 1:15-17 Ap '68.

Certain problems in the improvement of mine building. V. N. Gol'dart. Shakhstroi. 12 no. 4:20-30 Ap '68.

Certain regularities of rock pressure in mining coal seams with air-wall systems. K. I. Saplatik, V. D. Moroz, A. I. Lobanov. Razrab. mest. pol. iskup. [Kiev] no. 12:39-47 '67.

Character of the displacements of rocks in movable water rockfills. N. I. Zhil'zov, A. D. Mekeev. Razrab. mest. pol. iskup. [Kiev] no. 12:85-90 '67.

Characteristics of fluid flow in fractured rocks. N. P. Lebedevskaya, I. A. Kh. Sinaeva, A. V. Sorochinskaya. Nauch. khoz. 48 no. 6:35-38 Je '68.

Chemical methods of binding loose rocks. M. L. Rudakov and others. Trudy IGD [Sverd.] no. 12:64-70 '66.

Complete logging of exploratory boreholes in underground boring in the Krivoy Rog Basin. E. V. Timofeev. Vop. razved. geol. no. 7:8-10 '68.

Conditioned and immediate tasks of strip mine transportation. M. V. Vasil'ev. Sbor. trud. IGD [Sverd.] no. 13:3-14 '60.

Crack formation in the massif beyond mine contours, due to blasting in mining operations. F. M. Garbaev. Shakhstroi. 12 no. 2:11-12 F '68.

Damping properties of the electric drive of mining machines. A. V. Potapkov. Izv. vya. ucheb. zav. i gor. zhur. 11 no. 2:152-155 '68.

Deepening of inclined shafts preliminarily mined from top to bottom by partial cross sections. P. I. Karlin and others. Shakhstroi. 12 no. 4:26-27 Ap '68.

Deficiencies in the establishment of norms for the use of raising pipes. A. Konyshin, V. Ivanov. Nauch.-tekhn. anal. 3 no. 3:34-37 Mr '68.

Determining costs of drifting operations. B. A. Pashchenko. Razrab. mest. pol. iskup. [Kiev] no. 12:76-81 '67.

Determining dimensions of parcels in horizontal stripping. V. P. Melov. Razrab. mest. pol. iskup. [Kiev] no. 12:132-142 '67.

Determining forces in piles of the rope in the process of its manufacture. N. I. Kozubets. Vop. razved. geol. no. 10:218-222 '67.

Determining hydraulic losses in an eccentric annular space in a structural regime of the movement of a viscous fluid. M. P. Galitskiy, F. A. Stetskiy, A. G. Il'yanov. Izv. vya. ucheb. zav. i gor. zhur. 10 no. 11:51-54 '67.

Determining optimum conditions for roller bit drilling of boreholes in open-pit mines. B. N. Kozlov, L. I. Kanovich. Nauch. i tekhn. inform. VIMS no. 7:10-13 '68.

Determining optimum values of insufficient washing of rocks during stripping in sulfur carriers by a hydro-mechanical method. I. A. Ivanov, I. A. Gaidanov, A. D. Shvartskov. Khim. prom. Ukr. no. 3:9-13 Mye-Je '68.

Determining pressure difference in the borehole zone. M. K. Selina, I. A. Gaidanov, T. G. Vokitov. Azerb. neft. khoz. 47 no. 4:18-19 Ap '68.

Determining the boundary value of axial load on a diamond bit. N. N. Mangodov, K. A. Bagirov. Azerb. neft. khoz. 47 no. 4:18-19 Ap '68.

Determining the carrying capacity of soil in mines according to critical boundary load. I. G. Mosnikov. Nauch. i tekhn. inform. VIMS no. 7:10-13 '68.

Determining the efficiency of tackle systems of modern drilling rigs. V. I. Arkhangelskiy, M. A. Ilika. Minsk. i neft. khoz. 47 no. 4:18-19 Ap '68.

Determining the length of a slope. V. A. Podolskiy, V. A. Shchekov, V. N. Korotkiy. Izv. vya. ucheb. zav. i gor. zhur. 11 no. 3:42-15 '68.

Determining the magnitude of hydrodynamic pressure developing during running of drilling strings into a well. E. I. Shukrenko, V. I. Bondarev, M. A. Sidarov. Burenie no. 3:53-55 '68.

Determining the optimum value of rejection limit according to the content of mineral component in an ore. I. A. Osipov. Sbor. trud. IGD [Sverd.] no. 14:58-56 '60.

Determining the optimum weight of a train in combined transportation. M. V. Vasil'ev, S. L. Fosenko. Sbor. trud. IGD [Sverd.] no. 13:31-39 '60.

Determining the parameters of a fractured formation. G. S. Kambarov. Azerb. neft. khoz. 47 no. 4:27-29 Ap '68.

Determining the span limit of unsupported workings. G. E. Lorisli. Trudy IGD [Sverd.] no. 12:137-143 '66.

Determining the volume and length of time for major construction work in quarter of rock products and building materials. M. P. Medvedev, V. I. Gorkunov, A. S. Akel'rod. Shakhstroi. 12 no. 5:12-15 My '68.

Determining the volume weight of ores without weighing the ore mass. I. A. Osipov. Sbor. trud. IGD [Sverd.] no. 14:56-61 '60.

Determining the wall thickness of cylindrical elastic-plastic frozen ground barriers. N. G. Trupak. Shakhstroi. 12 no. 5:3-9 My '68.

Development of the technology of the production of cast steel drilling shots. V. I. Pavlovskii, I. I. Ostrovniko. Nauch.-tekhn. inform. VIMS no. 7:69-74 '62.

Distribution of haulage drifts in great depths while protected with coal pillars. A. A. Snitko, N. I. Strotkin. Razrab. mest. pol. iskup. [Kiev] no. 12:22-23 '67.

Distribution of overburden in dump piles in open-pit mines of the Sokolovka and Sorbyay Combine. E. P. Doronchenko, L. V. Korotkiy. Sbor. trud. IGD [Sverd.] no. 13:20-26 '66.

Distribution of the bearing pressure along the periphery of worked-out areas. I. F. Potapkin. Razrab. mest. pol. iskup. [Kiev] no. 12:15-22 '67.

Duration of the measurement of well yields. V. F. Zolotov, I. I. Vinogradov. Neftoprom. dolo no. 4:25-26 '68.

Dynamic loads on the body of MAZ-525 high-capacity dump trucks in open-pit mines. E. P. Doronchenko, V. M. Popov, V. P. Smirnov. Sbor. trud. IGD [Sverd.] no. 13:68-68 '66.

Economic efficiency of gamma-gamma sampling in mining enterprises. V. M. Gurevskii, A. L. Collard, N. P. Rudenko. Vop. razved. geol. no. 7:70-78 '68.

Effect of a gas phase on the formation of oil-water emulsions. I. M. Muzaviev, G. Z. Iorgatov. Izv. vya. ucheb. zav. i gor. zhur. 10 no. 11:47-21 '67.

Effect of an infinite elastic zone on the behavior of an oil pool. G. P. Guecinov, G. A. Gamidov. Azerb. neft. khoz. 47 no. 5:23-26 My '68.

Effect of catfishes on the discharge of isolated wells. M. F. Bartova. Uch. zap. Ivan. gos. ped. inst. 48:164-162 '67.

Effect of perforation on the deformation of casing. S. I. Abramyan and others. Neft. khoz. 46 no. 6:66-68 Je '68.

Effect of the energy, available in traction networks, on the current slip conditions during the haulage by electric locomotives with parallel current collectors. V. A. Bunko, R. A. Ivanov. Vop. razved. geol. no. 10:130-135 '67.

Effect of the weight of a turbine on the angle of placement of a bent adapter. E. V. Vashinov. Neft. khoz. 45 no. 6:17-20 Je '68.

Effectiveness of hydraulic fracturing depending on the character of changes observed in the bottom zone. I. U. V. Zaitsev. Neftoprom. dolo no. 4:8-11 '68.

Efficiency of rock crushing instrument in core drilling with a hard-alloy bit with free feeding. D. I. Fiskhovich. Nauch.-tekhn. inform. VIMS no. 7:61-64 '62.

Efficiency of the smooth blasting in mining. A. S. Belash. Shakhstroi. 12 no. 2:20-26 F '68.

Inefficient selection of the duration of waiting on current. M. I. Tikhov, M. Z. Tsvirina, A. I. A. Seretina. Burenie no. 3:39-41 '68.

Eliminating cavities during the chamber system of mining. M. L. Rudakov and others. Trudy IGD [Sverd.] no. 12:85-91 '66.

The engineer in a modern mine. F. Gantsov. Nauch. i tekhn. inform. VIMS no. 7:92-93 My '68.

Equipment for full mechanization of mining operations. K. I. Abramson. Nauch. i tekhn. inform. VIMS no. 7:23-26 O '66.

Establishing norms for the expenditure of spare parts in well drilling. A. A. Mazhuchev, M. Z. Lalyov, V. E. Tishchenko. Minsk. i neft. khoz. no. 3:11-13 '68.

Establishing the range of application of the motor and electrical traction transportation. M. V. Vasil'ev. Sbor. trud. IGD [Sverd.] no. 13:38-43 '60.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '62.

Establishing the relation of labor productivity to the load on the mine and the medium thickness of the seam by the multiple and partial correlation method using electronic digital computers. S. I. Zorin. Nauch. i tekhn. inform. VIMS no. 7:61-64 '

622. 2. (Continued)
- Influence of the depth of occurrence or physico-mechanical properties of coal. V. I. Nikolov, B. A. Lytkhin, Roznab. mest. pol. iskop. [Kiev] no. 12:41-53 '67.
- Influence of the elements of a mining system on the efficiency of cutter-tunnel mining. O. I. Khasimov, V. I. Zhukov, A. I. Lomikov, Buzrah. mest. pol. iskop. [Kiev] no. 12:50-55 '67.
- Influence of the longitudinal profile of strip mine railway tracks on the parameters of diesel traction. M. V. Vashilov, B. N. Putilov. Sbor. trudy IGB (Sverd.) no. 13:14-20 '66.
- Inhibitors of the corrosion of steel in hydrochloric acid. N. I. Podobaev, G. T. Omladov. Neftprom. delo no. 1:33-36 '66.
- Investigating operating conditions of "Kazanskaya 07-2" coal cutter-loaders. V. G. Hingulov and others. Izv. vuz. ucheb. zav., gor. zhur. II no. 3:85-91 '66.
- Investigating optical parameters of charges in boreholes during water-jet blasting. B. N. Tarkatovskii, F. B. Cherkasskii. Izv. vuz. ucheb. zav., gor. zhur. II no. 2:94-98 '68.
- Investigating local convergences during the testing of hydraulic frame supports in strip mining sections. N. I. Zil'ber, A. I. Moscov, Buzrah. mest. pol. iskop. [Kiev] no. 1:23-31 '67.
- Investigating roof displacements during coal plotting. I. U. N. Kuznetsov. Nauch. trudy Mosh. inst. radioelek. i gor. elektromek. no. 53:60-74 '68.
- Investigating shapes and dimensions of the zone of fragmentation during the blasting in crumbling media. A. M. Galimov and others. Izv. vuz. ucheb. zav., gor. zhur. II no. 2:89-105 '68.
- Investigating the breaking of coal and its resistance to cutting in pieces during coal plotting. V. A. Khaydarov. Sbor. trudy Mosh. inst. radioelek. i gor. elektromek. no. 53:60-74 '66.
- Investigating the zone of fragmentation in flat superposed charge blasting. K. N. Tkachuk, Kh. S. Heselovskii, V. A. Bonarenko. Izv. vuz. ucheb. zav., gor. zhur. II no. 3:80-84 '68.
- Key for diamant. P. N. Kuznetsov. Buzrah. mest. pol. iskop. [Kiev] no. 1:31-32 '66.
- Laboratory investigations in relation to controlled fracturing of collapsible permanent composite supports for extracting deposits. I. N. Kozlovskii. Izv. vuz. ucheb. zav., gor. zhur. II no. 2:19-27 '68.
- Limit of the minimum production of oil wells. M. I. Mamalov. Azerb. nef. khoz. 47 no. 5:47-48 My '68.
- Minerals. N. I. and A. A. Sarachchev. [Manual for miners at shaft-protected work faces]. Possible dila. kabinet. shchitovyykh zaborov. Izd. 2-e, ispr. i dop. Moskva, "Nedra," 1967. 172 p.
- Lubricating gear. V. G. Shchegolev. Mash. i avtom. no. 1:31-32 '68.
- Maintaining development workings in coal blocks or in the zone of their influence. A. I. Kostomarov. Buzrah. mest. pol. iskop. [Kiev] no. 12:10-14 '67.
- Major construction work of the coal industry in 1967. B. I. Mordukhovich. Shakh. stroit. 12 no. 5:2-3 My '68.
- Manifestation of rock pressure in haulage drifts. B. E. Sayevov and others. Buzrah. mest. pol. iskop. [Kiev] no. 12:13-19 '67.
- Manifestation of rock pressure in working undermined coal seams. V. I. Pirogov, A. I. Kostomarov. Buzrah. mest. pol. iskop. [Kiev] no. 12:10-14 '67.
- Manometer relay for the PM-331-type sampler. B. P. Kuznetsov. Mash. i avtom. no. 1:27-28 '63.
- Mathematical formula for the torque in screwing steel joints to light-alloy drill pipes. L. P. Kondratov. Neft. khoz. 46 no. 0:25-26 Je '68.
- Measurement of the yield and flow of petroleum in sealed gathering systems. M. I. Vinogradov, G. A. Kirillov. Neftprom. delo no. 4:28-32 '68.
- Mechanization of rubble picking in spaces behind linings during the crosscutting. V. S. Pugachev, V. I. Cherkashina, P. S. Bazhenov. Shakh. stroit. 12 no. 1:20-22 Ap '68.
- Methane combustion during blasting of fractured rock. A. S. Lhvinenko, B. G. Melchiorovskii, M. S. Neznamshnyy. Bepoz. trudy v prom. 12 no. 6:7 Je '68.
- Method of drifting in preparing longwalls for the retreat system of mining. A. M. Nalysov, B. A. Plushenko. Buzrah. mest. pol. iskop. [Kiev] no. 12:1-7 Je '67.
- Methods of calculating measurements of fracturing in determining the stability of strip mine slopes. V. G. Zolotarev. Trudy IGB (Sverd.) no. 12:20-29 '68.
- Methods of calculating technically substantiated rates of conducting development workings. B. A. Masanovskii, P. E. Petrov. Izv. vuz. ucheb. zav., gor. zhur. II no. 2:42-43 '66.
- Mining control zones by frontal heading. V. V. Sharin. Sbor. trudy IGB (Sverd.) no. 14:21-22 '66.
- Mining in a rock subject to outburst. A. M. Dudachava, A. I. Maschuk, M. I. Bolshakovskii. Shakh. stroit. 12 no. 5:21-25 My '68.
- Mixing of corals trellish and displacing waters on the basis of factual data of oil pool development. F. M. Razaev. Azerb. nef. khoz. 47 no. 4:25-27 Ap '68.
- New electric equipment for SSM coal mining cutter-loaders. P. P. Batyshev and others. Shakh. stroit. 12 no. 4:9-11 Ap '69.
- A new implement for drilling diaphragm boreholes in rocks prone to swelling. G. F. Byshonov, V. V. Belyi, B. A. Seluznev. Shakh. stroit. 12 no. 4:22-23 Ap '68.
- New method for determining static pressure in formations containing viscoplastic petroleum. A. A. Abbasov, H. S. Gurbayev, S. I. Mustafayev. Azerb. nef. khoz. 47 no. 4:23-24 Ap '68.
- New method of lowering and blasting operations. H. M. Korkin. Buzrah. mest. pol. iskop. [Kiev] no. 7:74-76 '62.
- Nomographic method of solving certain characteristic equations. B. A. Vorklov, B. S. Kuznetsov, A. V. Kuznetsov. Izv. vuz. ucheb. zav., gor. zhur. II no. 3:140-141 '68.
- On the strength of the ceiling during the simultaneous bullet-groove perforation. M. A. Guseinov, K. A. Prutov, A. A. Mamedov. Azerb. nef. khoz. 47 no. 5:17-19 My '68.
- Once more about a mining foreman. A. Drygalov, A. Pinykh. Bepoz. trudy v prom. 12 no. 6:4-6 Je '68.
- Optimizing the number of workers of various skills on an oil field. S. N. Krashinsky, A. P. Gordina. Organ. i upr. neftekh. prom. no. 2:22-26 '68.
- Optimum intervals between bypasses on single-track drifts. S. A. Chumakov, A. M. Sadykov. Buzrah. mest. pol. iskop. [Kiev] no. 12:142-147 '67.
- Parameters of sediment shock waves in the rock in the area close to the center of the blast. M. A. Khalilskii, P. S. Mironov, G. V. Kuznetsov. Trudy IGB (Sverd.) no. 12:60-70 '68.
- See also 12:10-13, 12:14-15, 12:16-17, 12:18-19, 12:20-21, 12:22-23, 12:24-25, 12:26-27, 12:28-29, 12:30-31, 12:32-33, 12:34-35, 12:36-37, 12:38-39, 12:40-41, 12:42-43, 12:44-45, 12:46-47, 12:48-49, 12:50-51, 12:52-53, 12:54-55, 12:56-57, 12:58-59, 12:60-61, 12:62-63, 12:64-65, 12:66-67, 12:68-69, 12:70-71, 12:72-73, 12:74-75, 12:76-77, 12:78-79, 12:80-81, 12:82-83, 12:84-85, 12:86-87, 12:88-89, 12:90-91, 12:92-93, 12:94-95, 12:96-97, 12:98-99, 13:00-01, 13:02-03, 13:04-05, 13:06-07, 13:08-09, 13:10-11, 13:12-13, 13:14-15, 13:16-17, 13:18-19, 13:20-21, 13:22-23, 13:24-25, 13:26-27, 13:28-29, 13:30-31, 13:32-33, 13:34-35, 13:36-37, 13:38-39, 13:40-41, 13:42-43, 13:44-45, 13:46-47, 13:48-49, 13:50-51, 13:52-53, 13:54-55, 13:56-57, 13:58-59, 13:60-61, 13:62-63, 13:64-65, 13:66-67, 13:68-69, 13:70-71, 13:72-73, 13:74-75, 13:76-77, 13:78-79, 13:80-81, 13:82-83, 13:84-85, 13:86-87, 13:88-89, 13:90-91, 13:92-93, 13:94-95, 13:96-97, 13:98-99, 14:00-01, 14:02-03, 14:04-05, 14:06-07, 14:08-09, 14:10-11, 14:12-13, 14:14-15, 14:16-17, 14:18-19, 14:20-21, 14:22-23, 14:24-25, 14:26-27, 14:28-29, 14:30-31, 14:32-33, 14:34-35, 14:36-37, 14:38-39, 14:40-41, 14:42-43, 14:44-45, 14:46-47, 14:48-49, 14:50-51, 14:52-53, 14:54-55, 14:56-57, 14:58-59, 14:60-61, 14:62-63, 14:64-65, 14:66-67, 14:68-69, 14:70-71, 14:72-73, 14:74-75, 14:76-77, 14:78-79, 14:80-81, 14:82-83, 14:84-85, 14:86-87, 14:88-89, 14:90-91, 14:92-93, 14:94-95, 14:96-97, 14:98-99, 15:00-01, 15:02-03, 15:04-05, 15:06-07, 15:08-09, 15:10-11, 15:12-13, 15:14-15, 15:16-17, 15:18-19, 15:20-21, 15:22-23, 15:24-25, 15:26-27, 15:2

622.2 (Continued)

Using jet pumps in tapping thief zones. V. A. Lel'man, V. P. Amosov. *Bulletin* no. 3:25-27 '65.

622.2(471.5)—Ural regions

Objectives of the technical progress in open-pit workings of the Central Urals. M. V. Vashilov. *Sov. trud. IOD* (Sverd.) no. 14:3-10 '66.

622.2(471.53)—Bashkir A.S.S.R.

Experience in preventing deviation of wells in the Bashkiria. E. A. Akhmetshin, I. M. Shil'din, M. M. Makhitov. *Bulletin* no. 3:17-21 '68.

History of the generation of strong ones. G. Shestakov. *Neftekhim* 12 no. 10:37-38 O 197.

Problems of organizing well testing operations. M. N. Galibayev, I. A. Makhitov. *Neftekhim* 46 no. 6:29-32 Ju '68.

Valuing the brigade of Akhmetgareev. V. Sheripov. *Neftekhim* 12 no. 10:34-36 O 197.

622.2(471.53)—Perm Province

Results of using lubricant additives to drilling muds in boreholes of the "Permian" Field. N. A. Makhitov, I. A. Makhitov. *Bulletin* no. 3:35-38 '68.

622.2(471.54)—Sverdlovsk Province

Calculating angles of inclination for slopes and benches of iron ore open-pit mines. M. I. Rudakov and others. *Trudy IGD* (Sverd.) no. 13:3-14 '66.

Fractured state of rocks and its influence on the efficiency of blasting operations in open-pit mines. M. I. Rudakov and others. *Trudy IGD* (Sverd.) no. 13:37-53 '66.

Selecting the shape of pillars, and their orientation under conditions of the Sverdlovsk laurite mines. I. A. Vol'khin and others. *Trudy IGD* (Sverd.) no. 12:120-125 '67.

622.2(477)—Ukrainian S.S.R.

Efficient combination of well drilling methods in the Gatchin field. R. G. Vasil'ev, G. I. Luritskiy. *Bulletin* no. 3:27-33 '68.

Making use of underground gravimetric prospecting in mines of the Krivoy Rog iron ore basin. Z. G. Muronova. *Vys. ucheb. zap.* no. 7:113-115 '68.

Possibility of the use of capillary surveying in Krivoy Rog Basin mines. D. A. Karavayev, V. V. Pol'takov, E. V. Timofeev. *Vys. ucheb. zap.* no. 7:61-69 '68.

Experience in mining-exploration operations in the mines of the Krivoy Rog Basin. I. I. Zaitsev. *Bulletin* no. 1:1-12 '68.

Selecting drilling muds for tapping productive horizons in the Dnepropetrovsk town. M. V. Shchukin. *Bulletin* no. 3:10-13 '68.

622.2(477.6)—Donets Basin

Analyzing dynamics of coal mining in mines of the central region of the Donets Basin. V. N. Tikhonov, R. R. Ruzh, *met. pol. iskop.* (Kiev) no. 12:121-123 '67.

Costs of rock transportation in vertical shafts in coal mines of the central region of the Donets Basin. V. I. Strel'nikov, I. A. Gusev. *Bulletin* no. 1:1-12 '67.

Development of new levels in mines of the central region of the Donets Basin. A. M. Nakhayev, I. G. Vinikhin, R. R. Ruzh, *met. pol. iskop.* (Kiev) no. 12:123-123 '67.

Nature of the effect of the depth of occurrence on the properties of Donets Basin rocks. V. I. Nikolin, B. A. Lyalikov. *Bulletin* no. 1:1-12 '67.

Petroleum workers compete with miners. N. Garkov. *Neftekhim* 12 no. 10:16 O 197.

Black carbide during shaft sinking at the "Petrovskaya" Coalfield Mine. A. A. Pukhachov, V. I. Nikolin, A. A. Nakhayev. *Bulletin* no. 1:1-12 '67.

622.2(477.8)—Western Ukraine

Cyclic gas injection in the Bivok field. E. I. Barilevich, O. A. Evchenko. *Nefteprom* 45 no. 4:3-8 '68.

Experience in air drilling of wells in the Nadvornaya region of the Bukovina field. L. E. Pribludnyy, N. K. Hachek, V. A. Petrovskiy. *Bulletin* no. 3:11-16 '68.

622.2(470.23)—Georgian S.S.R.

Results of operations for stimulating petroleum production from the formations of the Shirak series in the Mirzani field. I. A. Aghvov, T. P. Tsimtsadze. *Neftekhim* 46 no. 6:88-90 Ju '68.

622.2(470.24)—Azerbaijan S.S.R.

Causes of breakthroughs of upper water during the completion of wells in the Kizilbakh field. T. A. Akhmedova, K. K. Mamedov, V. T. Gasevov. *Azerb. neftekhim* 47 no. 5:28-28 My '68.

Changes in pool reactivity during flooding, as exemplified by the Buzovnyy-Mashagat field. Z. A. Shikhaev, V. Z. Simkhaev. *Nefteprom* 45 no. 4:3-8 '68.

Determining the equilibrium constant in calculating the separation of gas condensate systems. K. V. Pokrovskiy, E. K. Hamedova, M. S. Hamedov. *Izv. vye. ucheb. zap.* no. 10 no. 1:47-50 '67.

Effectiveness of the combined stimulation of pools in the Septra-Kirmak and series on the block V of the Nizhnyyovo Kamni field. I. A. Mamedov and others. *Azerb. neftekhim* 47 no. 4:32-33 Ap '68.

Establishing optimum spacing between wells exploiting horizons of the same name. O. A. Mamedov. *Azerb. neftekhim* 47 no. 4:10-11 Ap '68.

Experimental studies of the effect of calcium muds on the quality of drilling in an oil formation. K. G. Bagirov, A. A. Guseinov, V. A. Ruzh, *Neftekhim* 46 no. 6:32-34 Ju '68.

Interrelations between development areas in the Apsheron oil and gas-bearing region. Sh. F. Meakhev, Z. I. Simkhaev. *Izv. vye. ucheb. zap.* no. 10 no. 1:1-12 '67.

Introduction of liquid-gel surfactant pumps in the Oil Field Administration of "Sizmoroff". G. G. Guseinov, M. S. Hamedov, E. M. Salikin. *Azerb. neftekhim* 47 no. 5:28-30 My '68.

622.2(470.25)—Armenian S.S.R.

Magnitude and character of discrepancies in sampling data of cracked lodes. E. Martiros. *Tram. Arm.* 10 no. 7:10-11-22 '67.

622.2(567)—Iraq

Iraq's oil and policy. M. Pavlov. *Mezhdunar. zhurn.* 15 no. 7:146-147 '66.

622.2(571.12)—Tyumen' Province

Density of perforation of oil wells in Western Siberia. V. N. Stepanovskiy. *Nefteprom* 45 no. 4:14-19 '68.

Improving the technology of well drilling in the Arctic region. A. T. Gorskii and others. *Bulletin* no. 3:16-18 '68.

622.2(571.17)—Kemerovo Province

Agency in testing horizontal boreholes as revealed by a study of operations in the Tselugol mine. E. I. Zaitsev. *Bulletin* no. 1:1-12 '68.

Development of new horizons in mines of the Prokopyevsk-Kiselevsk region in the Kuznetsk Basin. M. M. Kochetov. *Slakht. stroit.* 12 no. 2:23-25 V '68.

Increasing the stability of horizontal mine workings under the poor rock conditions of the Kuznetsk Basin. V. A. Nagayev. *Izv. vye. ucheb. zap.* no. 10 no. 3:29-32 '68.

Results of measuring the temperature in underground boreholes and mines in the Sverdlovsk oil deposit. B. N. Tikhonov, O. K. Vladimirov. *Vys. ucheb. zap.* no. 7:178-180 '68.

622.2(571.64)—Sakhalin Province

Steam flares of Goryachiy Physk oil field based on drilling results of 1966. V. S. Dimchev, I. I. Klench. *Bulletin* no. 1:1-12 '68.

622.2(574)—Kazakh S.S.R.

Correlation between the loss and depletion of ore and the technology of loading and conveying operations as experienced at the Sarbay Open Pit Mine. V. V. Shirin. *Sbor. trud. IGD* (Kazakh) no. 4:28-36 '68.

Experience in using cable-run formation testers in the Mangyshlak Peninsula. G. D. Klovov. *Bulletin* no. 3:51-53 '68.

Fractured state of rocks and its influence on the efficiency of blasting operations in open-pit mines. M. I. Rudakov and others. *Trudy IGD* (Sverd.) no. 12:47-53 '66.

Injection of water into rock mass under the conditions of the Karaganda coal basin. A. S. Saginov, G. F. Panov. *Slakht. stroit.* 12 no. 4:13-15 Ap '68.

Storming the Mangyshlak Peninsula. N. Kichodov. *Sovetsk. 12* no. 10:30-31 O 197.

622.2(575.1)—Uzbek S.S.R.

Performance of experimental tests in the fields of the Ashkhabad drilling office of the "Ferganachir" Trust. L. I. Firsirot, A. I. Usmanov. *Bulletin* no. 3:17-18 '68.

Using the sounding theory methods to determine the required number of boreholes for the underground tapping of water. M. A. Abdullayev, N. R. Makhitov, Sh. Sh. Mirzaev. *Organ. i upr. neftekhim. prom.* no. 2:28-31 '68.

622.2(73)—United States of America

Analyzing the density of well spacing in oil fields of the U.S.A. G. L. Gonorova. *Neftekhim* 46 no. 6:68-72 Ju '68.

622.3 Mining of specific minerals, ores, rocks, liquid and gaseous minerals

Altering the heat part of the three-chamber furnace underneath the MG-2T boiler. P. V. Pavlychev. *Tor. prom.* 45 no. 4:27-28 '68.

Analysis of the basic causes of accidents in the drying departments of peat briquet plants and their prevention. M. G. Bulayev, E. E. Petrovskiy. *Tor. prom.* 45 no. 4:13-15 '68.

Automation in separating magnetic metallic objects from a peat stream. I. A. Shabalin, A. A. Ogradin. *Tor. prom.* 45 no. 5:27-28 '68.

Basic parameters of the automatic regulation of the flotation enrichment of phosphate ores. V. P. Sergeev, A. A. Smirnov. *Khim. prom.* 44 no. 4:58-60 Ap '68.

Brotherly collaboration of scientists. E. M. Rametov. *Izv. vye. ucheb. zap.* no. 10 no. 1:143-146 '67.

Coefficient of heat conductivity of sedimentary rocks in relation to moisture and oil potential. Sh. G. Akhmedova. *Azerb. neftekhim* 47 no. 5:30-31 My '68.

Conference on continuous improvement of safety engineering in coal mines. *Buzop. truda v prom.* 12 no. 8:58-61 Ju '68.

Creative seminar of young specialists in the Ministry of the Gas Industry. P. T. Eremenko. *Slakht. stroit.* 13 no. 3:4-6 '68.

Decomposition of peat dust blown-in during the preparation of shelled peat bags. T. A. Shukarova, N. M. Kutubova-Helikova. *Tor. prom.* 45 no. 4:8-10 '68.

Determining optimum values of insufficient washing of rocks during stripping in sulphur carriers by a hydro-mechanical method. I. A. Ivanov, I. A. Gulman, A. V. Sheratukov. *Khim. prom. Ukr.* no. 3:9-13 My '68.

Determining the volume and length of time for major construction work in quarries of rock products and building materials. M. E. Medvedev, V. I. Gorkunov, A. S. Aksef'rod. *Slakht. stroit.* 12 no. 8:12-15 My '68.

Economic effectiveness of manufacturing briquets from precompressed clay peat. V. I. Vasylyev, P. N. El'mor, E. I. Dolen. *Tor. prom.* 45 no. 3:3-6 '68.

Economic efficiency of working coal mine pillars with hydraulic fill. I. G. Borzhukov, A. S. Malkin. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:143-150 '65.

Efficiency of regulating the speed of coal mine conveyors. V. T. Polanin, R. L. Pajolov, P. E. Melnyarenko. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:151-161 '65.

Experience in engineering works of the "Krasnodar-ukra" mine collective. V. G. Arshava, V. A. Akhmetshin. *Buzop. truda v prom.* 12 no. 6:21-23 Ju '68.

Experience of Leningrad petroleum industry workers. S. Dzjakov. *Buzop. truda v prom.* 12 no. 8:30-31 Ju '68.

Exploiting of depleted peat bogs. M. D. Kilduslay. *Tor. prom.* 45 no. 4:23 '68.

First institution of higher technical learning in the Komi A.S.S.R. V. G. Izv. vye. ucheb. zap. no. 10 no. 1:142 '67.

Formation reagents and technical progress in the technology of entering areas of unmined metals. I. F. Lomakova. *Khim. prom.* 44 no. 4:8-9 Ap '68.

Higher instances of petroleum on the eve of the 50th anniversary of the October Revolution. Izv. vye. ucheb. zap. no. 10 no. 1:143 '67.

Improving technological elements of mining coal seams in great depths. A. S. Malkin. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:53-55 '65.

Improving the surface of coal mining enterprises. V. I. Tarakanov, V. I. Andreyev. *Slakht. stroit.* 12 no. 5:36-31 Ny '68.

Improving the system of material incentives. I. A. Dorozovskiy. *Organ. i upr. neftekhim. prom.* no. 2:35-37 '68.

In the family of new petroleum regions. A. Kiselev. *Neftekhim* 12 no. 10:10-12 O 197.

Increasing coal dust utilization by solutions of surfactant active agents. B. F. Kirin. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:203-207 '65.

Increasing the efficiency of using fixed capital assets in the coal industry. I. E. Komarovskiy, V. B. Muskhin. *Izv. vye. ucheb. zap.* no. 10 no. 3:38-41 '68.

Industrial testing of the equipment for stamping and finishing of narrow-gauge rollings. G. S. Kuznetsov. *Tor. prom.* 45 no. 4:10-12 '68.

Influence of ore breaking by the deep hole method on the concentration of mining operations and the increase of mine output. V. V. Ruzh. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:38-43 '65.

Investigations for finding the structure of the mass of iron ore deposits. V. G. Zolotarev. *Trudy IGD* (Sverd.) no. 12:17-20 '68.

Investigating operating conditions of "Karamanka 67-2" coal cutter-loaders. V. G. Buzovskiy and others. *Izv. vye. ucheb. zap.* no. 10 no. 3:65-67 '68.

Investigating roof displacement during coal piling. I. U. N. Kuznetsov. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:60-74 '68.

Investigating the breaking of coal and its resistance in cutting in steeply dipping coal piling. V. A. Kharatunko. *Nauka. trudy Mosk. inst. radioelektr. i gor. elektromekh.* no. 53:60-74 '68.

Koradag Institute. I. I. Vavr, A. Kiselevskiy. *NTO* 10 no. 1:32x-13 Mr '68.

Limit of the minimum production of oil wells. M. I. Mironov. *Azerb. neftekhim* 47 no. 5:47-48 My '68.

Major construction work of the coal industry in 1967. R. G. Morozovskiy. *Slakht. stroit.* 12 no. 6:2-3 My '68.

Malyukov, A. G. Principles of remote control in the petroleum and gas industries. *Osnovy telomekhnizatsii neftekhim. i gazov. promyshlennosti.* Moskva, "Nedra," 1967. 280 p.

Manufacturing ceramic pipes from local materials. V. I. Chitkov. *Tor. prom.* 45 no. 4:28 '68.

Measures to insure safe working conditions in underground operations at the "Apals" Combine. B. I. Nilonov. *Buzop. truda v prom.* 12 no. 8:11-13 Ju '68.

Method of controlling secure overlying rocks in mining from ore deposits. N. P. Vukh and others. *Trudy IGD* (Sverd.) no. 12:91-94 '68.

Method of determining the number of auxiliary workers. G. V. Selennov. *Tor. prom.* 45 no. 5:20 '68.

Mining of shelled peat for the subsequent processing into briquets. M. E. Pavlov. *Tor. prom.* 45 no. 3:16-17 '68.

More on calculating the cost of coal. A. Vahov. *Buzop. truda v prom.* 12 no. 3:51-53 Mr '68.

New MDG hammer-dropper. N. M. Grishakov. *Tor. prom.* 45 no. 5:12-13 '68.

New method for technological evaluation of ores in open-pit. I. A. Osipov. *Sov. trud. IOD* (Sverd.) no. 14:4-6 '68.

Nomogram for determining the parameters of rigid driven wheels of peat machines. V. A. Eryashov, V. P. Mikhlin, I. A. Konstantinov. *Tor. prom.* 45 no. 8 '68.

Nonsteady flow in uniformly-anisotropically permeable layers. G. N. Tykhonov, R. G. Isakov. *Izv. vye. ucheb. zap.* no. 10 no. 1:76-80 '67.

Operational preorganization of coal extraction from bopos. B. M. Vorob'ev, N. I. Krut'kovskiy, I. V. Bishola. *Izv. vye. ucheb. zap.* no. 10 no. 3:41-46 '68.

Petroleum and gas industries of the U.S.S.R. during the last fifty years. N. K. Hachkov. *Neftekhim* 12 no. 10:17-19 '67.

Petroleum production industry of the U.S.S.R. A. M. Zinkov. *Transp. i khran. neftekhim. i sel'prom.* no. 1:3-6 '68.

Physicochemical properties of LUGOK iron ores. D. S. Donnerer, D. N. Kuznetsov, V. L. Kibels. *Mel. i geokh. prom.* no. 2:62-65 Mr '68.

Practice in the drying process of lignite in a peat briquet plant. N. M. Karavayeva and others. *Tor. prom.* 45 no. 3:19-22 '68.

Practical results of shelled peat production in deep-drawage bogs during the 1967 season. I. I. Ivanov, V. E. Zhuravlev, A. I. Bobkov. *Tor. prom.* 45 no. 3:11-14 '68.

Principles of the elements of open-pit mining in complex ore deposits. P. E. Zurekov. *Sbor. trud. IGD* (Sverd.) no. 14:10-16 '68.

622.3 (Continued)

- Prizes for exhibits in 1967 at the Exhibition of the Achievements of the National Economy of the U.S.S.R. N. V. Shablin. *Tor. prom.* 45 no. 1-30-31 '69.
- Problems of improving passage units in peat-producing machines. S. G. Solovov, M. M. Tankilevich. *Tor. prom.* 45 no. 3-9-11 '69.
- HK-0 machine for cleaning peat bog drainage. V. A. Zaitsev and others. *Tor. prom.* 45 no. 3-6-7 '69.
- Relativ phase permeabilities in the flow of three-phase systems in fractured reservoirs. A. K. Muzachanzanov and others. *Izv. vys. ucheb. zav. nft. i gaz.* 10 no. 11 51-54 '67.
- Repair of the hydraulic system units of tractors. V. I. Lvovskiy. *Tor. prom.* 45 no. 4-5-8 '69.
- Results of the year 1967 and further objectives of the workers of the petroleum production industry. V. D. Slashin. *Nef. khoz.* 40 no. 6-1-8 Jo '68.
- Results which gladden one's heart. M. Svetlov. *Nef. prom.* 12 no. 10-16-17 O '67.
- Rock and fire. G. Antlov. *NTO* 10 no. 3-31 Mr '69.
- Selecting motors for peat machinery drive. A. P. Pilychukov. *Tor. prom.* 45 no. 5-9-12 '69.
- Seminar on the problems of increasing the productivity of labor and decreasing the cost of shredded peat production. V. S. Balova. *Tor. prom.* 45 no. 4-2-3 Jo '69.
- Separation of peat ore. V. M. Sukharovskiy, A. P. Stelmakh. *Bezop. truda v prom.* 12 no. 6-8-10 Jo '68.
- Simple telemeasuring cable device with few conductors. A. A. Chernyshevskiy. *Mash. i elekt. obor.* no. 3-24-27 '69.
- Sokolovskiy, E. V. [Use of radioactive isotopes in the control of the development of oil fields] *Primeneniye radioaktivnykh izotopov dlya kontrolya za razrabotkoy nefiannykh mestorozhdeniy.* Moskva, "Nedra," 1968, 160 p.
- Some gas hydrothermodynamic aspects of the filtration of gas-liquid systems. A. Kh. Mirzadzhanzade and others. *Azerb. nef. khoz.* 47 no. 5-21-23 Mr '68.
- Some principles of drying coarse-grained shredded crumbs of lignite. V. A. Antanov, F. G. Sergeev, A. P. Baturin. *Tor. prom.* 45 no. 11-17 '68.
- Studying the process of peeling of slightly decomposed peat in an open matrix. B. I. Zykov, V. M. Naumovich. *Tor. prom.* 45 no. 1-8-22 '69.
- Success of the "Sargorazdol'ye" Petroleum Production Administration. T. D. Gusev. *Bezop. truda v prom.* 12 no. 6-33-34 Jo '68.
- Sultanov, S. A., and N. M. Sukhkhushina. [Using the methods of field geophysics for the study of oil-producing capacity of formations] *Ispol'zovanie metodov promylovoy geofiziki dlya izucheniya kolektivnykh plavud.* Pod red. V. N. Likhonova. Moskva, "Nedra," 1967, 115 p.
- Technological progress in the peat industry of the Ministry of the Fuel Industry of the U.S.S.R. A. M. Matveev. *Tor. prom.* 45 no. 5-8-5 '68.
- Ten thousand five hundred petroleum specialists. A. I. Gulyayev. *Izv. vys. ucheb. zav. nft. i gaz.* 10 no. 11-73-74 '67.
- Testing a technological method for extracting low-molecular peat and pressing it into briquets. V. A. Nekrasov, B. I. Zykov. *Tor. prom.* 45 no. 5-17-19 '68.
- Testing the effectiveness of a jet precipitator. I. I. Dvornikov, T. M. Romasova. *Tor. prom.* 45 no. 3-21-22 '68.
- Training of petroleum engineers in Bashkiria. M. Mavzhukov. *Izv. vys. ucheb. zav. nft. i gaz.* 10 no. 11-93-96 '67.
- Utilization of coal mines during their reorganization abroad. N. A. Norviko. *Shk. i stroit.* 12 no. 5-28-30 Mr '68.
- Use of electronic digital computers for the calculation of the process of shredded peat drying. G. E. Ilyinskaya, E. N. Ostasina, E. K. Petrovskiy. *Tor. prom.* 45 no. 1-21-27 '68.
- Using geoelectric exploring for drying mine pillars. V. S. Kuznetsov, Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-246-252 '65.
- Using stone pulverized units for the layer mining of coal seams of the Moscow Basin. P. A. Karasov, Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-44-52 '65.
- Voronovskiy, V. R., and V. P. Padoev. [Organizing information systems in the petroleum production industry] *Organizatsiya informatsionnykh sistem v nefedobывающей promyshlennosti.* Moskva, "Nedra," 1967, 177 p.
- Vertical crenellation of blocks in mining steeply plunging deposits. V. I. Lavruchko and others. *Mel. i gorn. prom.* no. 2-65-76 Mr-Apr '68.
- Ways of increasing labor productivity and of reducing the cost of work. A. G. Zinenko and others. *Mel. i gorn. prom.* no. 2-89-90 Mr-Apr '68.
- Ways of reducing industrial traumatism in mining and ore dressing industries. G. F. Emelchenova. *Mel. i gorn. prom.* no. 2-69-70 Mr-Apr '68.
- Work of the efficiency promoters and inventors in enterprises of the Min Administration of the Peat Industry of the U.S.S.R. V. S. Balova. *Tor. prom.* 45 no. 5-19-24 '68.
- Work on the scientific organization of labor at enterprises of the Kalininsk Combine. G. A. Aret'ev. *Tor. prom.* 45 no. 6-14-16 '68.

622.3 (431) — German Democratic Republic

- Intercity collaboration of scientists. E. M. Rammler. *Izv. vys. ucheb. zav. nft. i gaz.* 10 no. 11-143-146 '67.

622.3 (471.23) — Leningrad Province

- Asosovskiy, I. V. [New developments in mining and processing rock products at open pit mines in Leningrad Province to be used in construction] *Novoye v dolye ly pererabotke nerudnykh stroytel'nykh materialov na kar'erakh Leningradskoi oblasti.* Leningrad, Stroyizdat, 1967, 127 p.

622.3 (471.30) — Moscow Province

- Production effectiveness and exchange of experiences at the Radovskiy Peat Moss enterprises. V. I. Rysin. *Tor. prom.* 45 no. 5-29-30 '68.
- Principles of soil swelling in mine workings under conditions of the Moscow Coal Basin. V. S. Lukichev, I. L. Cherniak. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-104-110 '65.
- Shchura peat-manufacturing enterprise. D. I. Antanov, M. I. Trushkin, P. S. Korogin. *Tor. prom.* 45 no. 4-18-21 '68.

622.3 (471.312) — Tula Province

- Results of adopting network planning methods for the management of the "Bilikovskaya" No. 1 Coal Mine of the "Tulaugol" Combine. P. V. Avdulov, Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-313-323 '65.

622.3 (471.315) — Ivanovo Province

- Telkovo peat-manufacturing enterprise. F. I. Karakin. *Tor. prom.* 45 no. 4-24-26 '68.

622.3 (471.321) — Orel Province

- Work practice at the Orlovskiy Peat Briquet Plant. V. V. Pankashin, A. M. Andriychevskiy. *Tor. prom.* 45 no. 5-26-27 '68.

622.3 (471.41) — Tatar A. S. S. R.

- Achievements of Tatar petroleum workers. A. Malakhov. *Nef. prom.* 12 no. 10-15-16 O '67.
- Raising the level of industrialization of oilfield construction in the Tatar A. S. S. R. V. P. Baranov and others. *Stroitel'stvo.* 13 no. 2-28-30 P '68.

622.3 (471.45) — Volgograd Province

- They kept their word. A. Smirnov. *Nef. prom.* 12 no. 10-12-13 O '67.

622.3 (471.52) — Bashkir A. S. S. R.

- Developing and introducing measures in the scientific organization of labor and main trends in work in carrying out recommendations of the all-Union conference on labor organization in enterprises of the "Bashkirneft" Combine. M. N. Gullimov. *Organ. i upr. nefedob.* prom. no. 2-31-35 '68.
- Organization of work in introducing the scientific organization of labor in the "Arslanov" Oil Field Administration. K. A. Batankin. *Organ. i upr. nefedob.* prom. no. 2-31-39 '69.

622.3 (471.64) — Sverdlovsk Province

- Calculating angles of inclination for slopes and benches of lignite steep slopes. B. I. Iushkov and others. *Trudy IGD (Sverd.)* no. 12-3-13 '66.
- Physicochemical properties of rocks of the "Gusevogorskoye" and Sokolovka iron ore deposits. I. L. Rudakov and others. *Trudy IGD (Sverd.)* no. 12-20-40 '68.

622.3 (471.72) — Krasnodar Territory

- Separation of gas-bearing formations and drowned zones on the basis of measurements with two neutron gamma logging sondes in the gas condensate fields of Krasnodar Territory. S. I. Onos, A. F. Chelkov. *Nefted. geol.* no. 27-72-85 '68.

622.3 (471.66) — Chochen-Igush A. S. S. R.

- Malgobek, a land of abundant oil. G. Ershov. *Nef. prom.* 12 no. 10-18-21 O '67.
- Success of the "Sargorazdol'ye" Petroleum Production Administration. T. D. Gusev. *Bezop. truda v prom.* 12 no. 6-33-31 Jo '68.

622.3 (471.3) — Latvian S. S. R.

- Development of the peat industry of the Latvian S. S. R. D. A. Strazds, M. I. Tinnshas. *Tor. prom.* 45 no. 3-18 '68.
- Scientific organization of the workers of the peat industry of the Latvian S. S. R. A. A. Grinuk. *Tor. prom.* 45 no. 4-31 '68.

622.3 (470) — White Russian S. S. R.

- Recycling of shallow-layer peat bogs for the manufacture of shredded peat. H. D. Sedritskiy, M. D. Belkin. *Tor. prom.* 45 no. 4-28 '68.
- Scientific organization of labor at the enterprises of the peat industry of the White Russian S. S. R. V. A. Staroslov. *Tor. prom.* 45 no. 3-2-4 '68.

622.3 (477) — Ukrainian S. S. R.

- Experience in engineering works of the "Krasnodarshchinskaya" mine collective. V. G. Arshava, V. A. Ivashchenko. *Neft. i upr. truda v prom.* 12 no. 8-21-23 Ja '68.

- Economic advantages of improving the quality of iron ores in the Krivoy Rog Basin. A. I. Ilyut. *Mel. i gorn. prom.* no. 2-87-89 Mr-Apr '68.

- Handbook on the quality and preparability of coals and anthracites of the Ukrainian S. S. R. (Donets Basin within the boundaries of the Ukrainian S. S. R., Lvov-Volyn' Basin) *Spravochnik po kachestvu i obogatseni kaniyennykh ugli i antratsitov Ukrainiskoi SSR.* (Donetsa v granitsakh USSR, Lvovsko-Volyn. bassein). Moskva, "Nedra," 1967.

- T. 2. [Characteristics of the preparability of coals of the Ukrainian S. S. R.] *Kharakteristika obogatseni kaniyennykh ugli Ukrainiskoi SSR.* 1967, 1055 p.

622.3 (477.6) — Donetsk Basin

- Cleavage of roof rocks in longwall No. 1005 at the "Uzlaia" Mine of the "Shakhtarost" Trust. B. I. Fedarova, Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-75-82 '65.
- Field studies of rock pressure manifestations in coal mine workings of the Donetsk Basin. V. V. Kadantsev, Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-124-134 '65.
- Influence of conveyor transportation on the temperature of air in coal mines of the "Rostovugol" Combine. I. U. Karagodin. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-185-194 '65.
- Selecting methods of controlling roofs with hard-to-ave racks in flat seams of coal mines of the "Rostov-gol" Combine. A. P. Turov. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-83-92 '68.

622.3 (479.24) — Azerbaijan S. S. R.

- Changes in thermal regime of the oil fields of Azerbaijan during the process of development. Sh. F. Mikhaylov, Z. I. Simkhaev, V. Z. Simkhaev. *Azerb. nef. khoz.* 47 no. 5-6-7 My '68.
- Petroleum workers compete with miners. N. Garibov. *Nef. prom.* 12 no. 10-16 O '67.
- Solbaj, first Soviet oil field. G. Dedin. *Nef. prom.* 12 no. 10-38-39 O '67.
- Some data of the initial development of the Sub-Kirmak series in the Pashany-More field. N. A. Akhmedov and others. *Azerb. nef. khoz.* 47 no. 5-31-33 My '68.

622.3 (479.25) — Armenian S. S. R.

- The wealth of the mountainous country. T. Yeghazarian. *Prin. Arm.* 10 no. 11-45-48 '67.

622.3 (571.12) — Tynen' Province

- Siberian petroleum. Siberian spirit. M. I. Olgorov. *Nef. prom.* 12 no. 10-22-24 O '67.

622.3 (571.17) — Kemerovo Province

- Coal losses in the Kuznetsk Basin deposits. V. A. Karabak. *Izv. vys. ucheb. zav. i gorn. zhur.* 11 no. 21-3-8 '68.
- [Improving the techniques and technology of mining in the Kuznetsk Basin. (Materials for a conference)] *Sovershenstvovanie tekhniki i tekhnologii provedeniya gornykh vyrabotok v Kuznetskom bassise.* (Materialy k konferentsii). Kemerovo. Ch. 1. 1967, 114 p. Ch. 2. 1967, 130 p.

622.3 (571.513) — Khazanes Autonomous Province

- Khazanes. Sayak-Molybdenum Kombinat. f. Chasnov. *NTO* 10 no. 5-26 Mr '68.

622.3 (574) — Kazakh S. S. R.

- Experience of Embla petroleum industry workers. S. Dzhaliev, Bezop. truda v prom. 12 no. 6-30-31 Ju '68.
- Means of profitable production. A. Tykov. *Nef. khoz.* Kazakh, 26 no. 5-33-34 My '68.
- Physicochemical properties of rocks of the "Gusevogorskoye" and Sokolovka iron ore deposits. I. L. Rudakov and others. *Trudy IGD (Sverd.)* no. 12-20-40 '68.

622.3 (575.1) — Uzbek S. S. R.

- Uzbekistan coal. A. Darygin. *Uchen. i zhizn'* 10 no. 1-31-40 Ja '68.

622.3 (575.4) — Turkmen S. S. R.

- Oranov, Oranizhury. [Kara Kum-Moscow] *Karakumy - Moskva.* Ashkhabad, "Turkmenistan," 1967, 50 p. [MICROFILM]

622.4 Mine services, installations, equipment

- Calculating the quantity of air according to "exhaust gases." A. I. Kraenochin, I. L. Medvedev. *Izv. vys. ucheb. zav. i gorn. zhur.* 11 no. 2-68-68 '68.
- Calculating the ventilation for dust removal from blind workings under permafrost conditions. V. V. D'yakov, E. T. Voronov. *Izv. vys. ucheb. zav. i gorn. zhur.* 11 no. 2-59-62 '68.
- Determining the minimum velocity of airflow in mine workings. R. N. Isaev. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-208-216 '65.
- Device for the periodic control of the discharge of flushing liquid. V. P. Melchenko. *Blut. nauch. i tekhn. inform.* VIMS no. 7:93-94 '62.
- Evolution of carbon dioxide from wood in coal mines. E. M. Levin. *Izv. vys. ucheb. zav. i gorn. zhur.* 11 no. 3-69-73 '68.
- Influence of conveyor transportation on the temperature of air in coal mines of the "Rostovugol" Combine. I. U. Karagodin. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 53-185-194 '65.
- Measurements for studying the structure of the mass of iron ore deposits. V. G. Zolotov. *Trudy IGD (Sverd.)* no. 12-17-20 '68.
- Mechanical pipe lifter with a drive from the rotor of a drilling rig. K. I. Lokhtin. *Blut. nauch. i tekhn. inform.* VIMS no. 7:91-93 '62.
- Method of the autonomous regulation of airflow in a section according to gas factor. V. I. Tsybul'ko. *Izv. vys. ucheb. zav. i gorn. zhur.* 11 no. 3-54-58 '68.
- [Mining machinery] *Ref. zhur. i gor. mash.* no. 3 Mr nos. 6-7 Jo-Jl '68. *Predmetnyy ukazatel'* za 1967.
- New disconnectors and emergency switch-over units. A. M. Zhukov. *Blut. nauch. i tekhn. inform.* VIMS no. 7: 80-82 '62.
- New material for preparing water filters for walls. P. A. Anisimovich, N. R. Fraerman. *Blut. nauch. i tekhn. inform.* VIMS no. 7:33-35 '62.

622.4 (Continued)

- Optimum quantitative determination for mine transportation equipment in separate units of industrial systems. K. V. Zolotarev, N. I. Stukhlov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:41-50 '69.
- Optimal synthesis of ventilation systems. S. Tsol. G. P. Danilina. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:69-75 '68.
- Results of comparative testing of mine lifts of different construction. A. V. Vasil'ev. Biol. nauch. tekhn. inform. VIMS no. 2:30-33 '62.
- Second All-Union Intercollegiate Scientific-Research Conference on Ventilation and Ventilation Equipment. A. A. Abramov, N. A. Frolov, V. G. Kinkov. Bezop. truda v prom. 12 no. 6:61-62 ju '68.
- Universal safeguard switch-over for core barrels. A. S. Karachev. Biol. nauch. tekhn. inform. VIMS no. 2:94-95 '62.
- Use of the GRB-2 gradient meter in gravimetric works in mines of the Leningrad deposit in the Central Urals. F. A. Mikhaleva, N. I. Gracheva. Biol. nauch. tekhn. inform. VIMS no. 2:76-80 '62.
- Ventilation of mine workings in mass caving of ores under the conditions of chamber mining systems. S. K. Savchenko and others. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:52-64 '68.

622.4(574)—Kazakh S.S.R.

- Improve the repair service. I. U. Semenov, V. Akbasov, K. Ibrayev. Nar.khoz. Kazakh. 20 no. 5:62-64 My '68.

622.5 Mine water. Drainage. Unwatering

- Advance grouting of rocks in case of a high pressure from underground water. S. K. Volenkov. Slakht. stroit. 12 no. 3:18-19 My '68.
- Designing hydroelectric and metacyclic with help of a digital computer. I. M. Lashov, I. I. Shlapakova. Vol. 1, can. zhur. no. 2:20-23 '68.
- Laboratory tests in respect to investigations of the method of mine water purification. A. M. Fominykh, M. I. Kozlov, V. N. Slaposhnikov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:57-61 '68.
- A new equipment for drilling drainage boreholes in rocks in open-pit mining. G. F. Bykova, V. V. Tely, D. A. Selzerov. Slakht. stroit. 12 no. 4:22-23 Ap '68.
- Self-purification of acid mine waters from heavy metals under natural conditions. G. A. Silinina and others. Gidrotekhn. mat. 49:154-157 '61.
- Using geoelectric exploring for drying mine pillars. V. S. Mochilov. Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:245-252 '65.

622.5(471.6)—Northern Caucasus

- By geochemical characteristics and some features of the formation of the chemical composition of mine waters in the Khudusk deposit. P. K. Kuznetsov and others. Gidrotekhn. mat. 44:127-130 '61.

622.6 Haulage and handling. Hoisting. Winding

- Analyzing the operational reliability of the IAAZ-M200 and IAAZ-230 motors of dump trucks used in open-pit mines. E. L. Novikov and others. Vop. tul. transp. no. 10:107-117 '67.
- Automation of railway transportation in open workings. M. V. Vasil'ev, S. I. Fesenko. Shor. trudy IG (Sverd.) no. 13:80-85 '60.
- Calculating crude reserves in a petroleum refinery on the basis of reliability indices of the supplying petroleum pipelines. E. M. Ivanov, V. I. Koshchepkin. Neft. khim. 45 no. 6:62-61 ju '68.
- Calculating parameters of the optimum conditions of a mine hoist with asynchronous motor-tower cascade. I. A. V. Volkovskii, A. N. Chelobareva. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:113-117 '68.
- Calculating the capacity of the automatic tonometer of belt conveyors. M. A. Kotov. Vop. tul. transp. no. 10:120-127 '67.
- Calculating the volume of tank farms in intermediate pumping stations of products pipelines. V. I. Taras and others. Transp. i khran. nefli i nefteprod. no. 12:25-35 '68.
- Certain problems in the hydraulic lift of work-out at a mine. S. D. Sonin, F. F. Shalimovich. Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:136-142 '65.
- Conditions and immediate tasks of strip mine transportation. M. V. Vasil'ev. Shor. trudy IG (Sverd.) no. 13:3-14 '66.
- Conditions of braking and the performance of belt conveyors. N. S. Potokov, G. M. Vysochkin, V. K. Smirnov. Vop. tul. transp. no. 10:3-10 '67.
- Criteria for the operational control of external railroad transportation of coal mining enterprises. V. M. Popkov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:47-50 '60.
- Current supply diagrams for cathodic protection stations. E. A. Nikitenko. Transp. i khran. nefli i nefteprod. no. 1:15-17 '68.
- Determination of traction power in brakes with centrifugal drives. V. I. Rushtin. Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:324-330 '65.
- Determining the optimum weight of a train in combined transportation. M. V. Vasil'ev, S. I. Fesenko. Shor. trudy IG (Sverd.) no. 13:31-38 '66.
- Device for emergency telegraphization and telemetering calls. A. A. Chornavskii. Mash. i neftezhur. no. 4:28-29 '68.
- Distribution of tangential stresses along the step of the splicing of rubberized belt conveyors. I. E. Nilan, P. M. Derkash. Vop. tul. transp. no. 10:88-100 '67.
- Drawing up equivalent diagrams for rope hoists. A. P. Nesterov. Vop. tul. transp. no. 10:174-194 '67.
- Dust control on the truck roads in open-pit mines. M. V. Vasil'ev, R. A. Fadeev. Shor. trudy IG (Sverd.) no. 13:75-80 '66.
- Dynamic loads on the body of MAZ-526 high-capacity dump trucks in open-pit mines. E. P. Doronchenko, V. M. Popov, V. I. Smirnov. Shor. trudy IG (Sverd.) no. 13:58-65 '66.

Economic efficiency of using truck and railroad transportation at the Mikhaylovka Iron Ore Open-pit Mine in the Kurak Magnetic Anomaly. I. K. Kuznetsov and others. Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:279-302 '65.

Economic efficiency of working coal mine pillars with hydraulic fill. L. G. Pozharova, A. S. Malkin. Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:143-150 '65.

Economies and scientific organization of production in the recovery of wastes. "Mine transportation" and "Mine conveying machines." V. K. Grigorov and others. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:165-187 '68.

Effect of tangential stresses upon the strength and hardness of individual units of mine car frames. F. E. Novikov, Van Fo. Vy. Vop. tul. transp. no. 10:118-126 '67.

Efficiency of regulating the speed of coal mine conveyors. V. T. Polunin, R. L. Papatin, P. E. Nechlenenko. Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:151-161 '65.

Equipment for automatic control of conductors in vertical mine shafts. I. I. Timofeev, R. G. Smirnov, M. N. Galushkin. Slakht. stroit. 12 no. 5:9-11 My '68.

Establishing the range of application of the motorcar and diesel-trolley transportation. M. V. Vasil'ev. Shor. trudy IG (Sverd.) no. 13:38-47 '60.

Experience in pressurizing an operating pipeline. A. I. Smirnov, A. A. Zolina, G. P. Savel'ev. Transp. i khran. nefli i nefteprod. no. 1:32-34 '68.

Experimental investigations regarding dynamics of stabilized conditions in scraper conveyors. V. I. Krot, V. K. Saitenov. Vop. tul. transp. no. 10:27-31 '67.

Experimental study of turbulent divided flow of a gas-liquid mixture in a horizontal pipe. G. P. Isupov, V. A. Mamaev. Neft. khim. 45 no. 8:58-62 ju '68.

Formulas for calculating the filling of tank cars in automatic filling. V. E. Gubin and others. Transp. i khran. nefli i nefteprod. no. 1:25-29 '68.

Glass plastic bearings for the reinforcement of mine shafts. P. A. Abramov and others. Slakht. stroit. 12 no. 2:5-6 Fe '68.

High pressure. V. Paremaki. VVO 10 no. 5:1 My '68.

Hydraulic resistance of paraffin-lase petroleum in pipelines. S. A. Alimovskii, D. P. Shikharzita. Transp. i khran. nefli i nefteprod. no. 1:27-31 '68.

Inclined single-rope hoists with a compensating rope for deep open-pit mines. V. I. Bykov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:168-170 '66.

Influence of belt rigidity on the peripheral angle of inclination for mine rollers. V. I. Rabinov, Nauch. trudy Mosk. inst. radionukl. i gor. elektromekh. no. 53:127-134 '65.

Influence of the scale factor on the service life of steel rope wires. V. S. Marchenkov. Vop. tul. transp. no. 10:220-233 '67.

Interchangeability of the IAAZ-M200 and IAAZ-230 motors of KrAZ-250 dump trucks operating in open-pit mines. S. O. Shalimov and others. Vop. tul. transp. no. 10:110-116 '67.

Investigating and selecting efficient designs of brakes for heavy-duty hoists. Z. M. Fedorova. Vop. tul. transp. no. 10:233-240 '67.

Investigation and checkup of the efficiency of lower transfer pulleys for open-pit mine inclined skip hoists. B. A. Noyatov and others. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:116-118 '66.

It is necessary to set up effective means of protecting mine shaft reinforcement against corrosion. A. M. Solov'ev, G. G. Spiridonov. Slakht. stroit. 12 no. 5:1-2 My '68.

Method of manufacturing thick and nonrotating one-ply one-way ropes of linear tangency. P. N. Nesterov, N. I. Kozminskii. Vop. tul. transp. no. 10:200-218 '67.

Method of measuring secondary stresses in steel rope wires. I. E. Nikitin. Vop. tul. transp. no. 10:105-107 '67.

Optimum quantitative determination for mine transportation equipment in separate units of industrial systems. K. V. Zolotarev, N. I. Stukhlov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:44-50 '69.

Organizing and planning the repair of high-capacity dump trucks. T. P. Doronchenko. Shor. trudy IG (Sverd.) no. 13:65-68 '66.

Petroleum and gas industries of the U.S.S.R. during the last fifty years. N. K. Babakov. Neft. khim. 45 no. 10:1-7 O '67.

Planning the performance of strip mine dump trucks with the aid of electronic digital computers. V. I. Iakovlev, E. P. Doronchenko. Shor. trudy IG (Sverd.) no. 13:43-51 '66.

Problems of production organization in pipeline transportation. V. E. Gubin, A. P. Martynov. Organ. i upr. nefteob. prom. no. 2:8-12 '68.

Reducing distributed masses of multi-rope hoist ropes. A. P. Nesterov. Vop. tul. transp. no. 10:169-174 '67.

Results of experimental studies of transferring petroleum of various viscosity by the use of centrifugal pumps with machined impellers. A. I. Shcheglov, B. M. Gulin. A. M. Shalimov. Azerb. nefli. khim. 47 no. 5:44-45 My '68.

Rotation resistance of belt conveyor rollers. I. A. Shipakov, V. I. Poshivalov. Vop. tul. transp. no. 10:62-68 '67.

Stratovskii, E. G., and V. A. Sysoeva. [Practical guide to the selection of efficient organizational and technical parameters for mine haulage by methods of mathematical modeling] Prakticheskie rukovodstvo po vyboru ratsional'nykh organizatsionno-tekhnicheskikh parametrov vnutribakhtingovo transporta metodami matematicheskogo modelirovaniya. Moskva, 1967. 26 p.

Selecting power supplies for the study of the corrosion of gas and petroleum pipelines. A. U. Akhmedov, P. A. Shilin, V. V. Tkhor. Azerb. nefli. khim. 47 no. 5:48 My '68.

Selecting the capacity of asynchronous high-speed motors for mine hoists. V. I. Bolshakov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:137-141 '66.

Selecting the machinery for the construction of gravel truck roads in open-pit mines. E. P. Doronchenko, V. I. Tolmachev. Shor. trudy IG (Sverd.) no. 13:69-73 '66.

Some characteristics of the reliability of the line portion of pipelines. V. D. Taras and others. Izv. vyz. ucheb. zav. nefli i gaz. 10 no. 11:22-28 '67.

Specific norms of the consumption of electric energy in the pumping of petroleum and petroleum products in pipelines. I. A. Chernikov, A. B. Enkeev. Transp. i khran. nefli i nefteprod. no. 1:29-31 '68.

Statistical distribution of the length of service life and of stresses for steel rope wires during their fatigue tests. V. S. Marchenkov. Vop. tul. transp. no. 10:223-228 '67.

Steady flow of real gases in pipelines. V. F. Novoselov, P. I. Tugunov, M. V. Nechval. Izv. vyz. ucheb. zav. nefli i gaz. 10 no. 11:100-104 '67.

Stresses in the zone of contact between the wheels of electric locomotives and the rails. A. A. Moletanov, A. H. Martuta. Vop. tul. transp. no. 10:131-139 '67.

Theoretical and experimental investigations of the discrete system with regard to the automatic control of conveyor equipment. A. N. Martuta, A. A. Moletanov. Vop. tul. transp. no. 10:47-62 '67.

Traction power of flexible transmissions. V. K. Smirnov, I. M. Vysochkin, V. E. Leonenko. Vop. tul. transp. no. 10:31-36 '67.

Transient processes during running of ropes on pulleys. I. E. Nikitin. Vop. tul. transp. no. 10:167-205 '67.

Trends in the improvement of piling in open-pit mines. V. S. Kozlovskii, A. A. Fiksov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:16-19 '68.

Types of rail base foundations of inclined open-pit mine skip hoists and their economic comparison. G. M. Volkov. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:101-105 '68.

Using continuous machines for determining stresses in the buffer and coupling equipment of mine trains. A. K. Byllu, V. I. Zhukovskii, V. D. Rozinkov. Vop. tul. transp. no. 10:162-168 '67.

Using the spectral theory of cushioning for studying vibrations of mine locomotives. M. I. Shcherbakov. Vop. tul. transp. no. 10:150-161 '67.

Using the theory of mass operation for the analysis of simultaneous work of hoisting and conveying equipment in open-pit mines. G. M. Novoborshov and others. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:51-58 '68.

Value of loads transmitted by rail foot to reinforced concrete crossroads. G. I. Piven, A. A. Sharakhi. Slakht. stroit. 12 no. 2:13-14 Fe '68.

Ways of increasing the efficiency of using truck transportation in iron ore open-pit mines. G. V. Parfomov, S. L. Skakhev, A. M. Shilin. Shor. trudy IG (Sverd.) no. 14:85-91 '66.

Ways to reduce energy expenditures when pumping over peripheral highly viscous petroleum and petroleum products. N. M. Olenov. Izv. vyz. ucheb. zav. nefli i gaz. 10 no. 11:25-133 '67.

Wear of the band of mine electric locomotives. P. M. Shilov and others. Vop. tul. transp. no. 10:135-141 '67.

Work experience of the "Elektrokhimzashchita" Laboratory. I. A. M. Idrisova, M. A. Vuklenko. Transp. i khran. nefli i nefteprod. no. 1:31-35 '68.

622.6(471.46)—Volgograd Province

- Preparation of specialists in the Volgograd Administration of the Main Administration for the Supply of Petroleum Products in the R. K. F. S. U. I. K. E. Unravkov, V. R. Savitskiy. Transp. i khran. nefli i nefteprod. no. 1:16-31 '68.

622.6(471.54)—Sverdlovsk Province

- Investigating the amount of labor consumed for internal mine transportation at the Dugayarsk Mine. K. V. Zolotarev, I. G. Aloskovskii, V. E. Sirovskii. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 3:50-63 '68.

622.6(471.6)—Donetsk Basin

- Investigating the dumping conveyor of the KOTO-3000 mine transportation system at the Chervonko Open-Pit Mine. N. A. Mikhlenko and others. Vop. tul. transp. no. 10:69-73 '67.

622.6(574)—Kazakh S.S.R.

- Distribution of overburden in dump piles in open-pit mines of the Sokolovsk and Sarlyay Combine. T. P. Doronchenko, L. V. Knochlov. Shor. trudy IG (Sverd.) no. 13:20-28 '66.

- Efficiency of using tractor trains at the Sarlyay Open-Pit Mine. M. V. Vasil'ev and others. Shor. trudy IG (Sverd.) no. 13:51-57 '66.

- Increasing the operational efficiency of railway transportation at the Sarlyay Open-Pit Mine. K. K. Sorobronnikov, A. F. Tkachev, S. L. Fesenko. Shor. trudy IG (Sverd.) no. 13:20-31 '68.

- Plate conveyors in the Dzhezkazgan mines. O. Balkonurov, A. Kovriga, A. Zharubskii. Nar. khoz. Kazakh. 20 no. 5:68-70 My '68.

622.6(576.4)—Turkmen S.S.R.

- Orazov, Orazdurdy. [Kara Kum—Moscow] Karakumy - Moskvay. Ashkhabad, "Turkmenistan," 1967. 50 p.

[MICROFILM]

- 622.7 Mineral dressing. Ore preparation

- Approximate method of calculating the magnetic field characteristics of a drum separator. A. A. Bel'akii. Obog. rud. 12 no. 6:40-42 '67.

- Automatic control of the size of products made by dry autogenous grinding equipment. A. S. Davlikovich and others. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 2:174-177 '60.

- Automatic measurement of a pulp concentration according to its viscous properties. A. E. Trop, A. F. Tereshchenko, B. V. Kovlyov. Izv. vyz. ucheb. zav.; zhur. 11 no. 3:164-168 '68.

- Basic parameters of the automatic regulation of the isotonic enrichment of phosphate ores. V. V. Surgerev, A. A. Smirnov. Khim. prom. 44 no. 4:58-60 Ap '68.

- Bismuth recovery during the complex treatment of rare metal ores. G. M. Kuraskova, M. A. Parantonov. Obog. rud. 12 no. 6:52-57 '67.

622.7 (Continued)
 Certain regularities of the flotation of manganese minerals
 O. S. Bagdasaryan, O. P. Ben-Jaroun. *Ogny. rud.* 12 no. 6: 8-11 '67.
 Determining the dynamic characteristics of the crushing machine unit. M. I. Kaplanskiy, V. A. Turovets, O. N. Tikhonov. *Ogny. rud.* 12 no. 6: 41-47 '67.
 Determining the electrokinetic potential as applicable to the flotation process. A. N. Dubinskaya. *Ogny. rud.* 12 no. 6: 5-6 '67.
 Determining the friability of ores. N. P. Zhukovskiy, A. S. Petukhov. *Ogny. rud.* 12 no. 6: 6-9 '67.
 Energy for the deformation of rocks during comminution. S. I. Pakratskiy and others. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 176-181 '68.
 Evaluating the operational reliability of the machine assembly of ore dressing plants. N. N. Boloslov, V. I. Gashchikov. *Ogny. rud.* 12 no. 6: 16-19 '67.
 Flotation of sulfides from the residue of leaching collective concentrates. A. A. Abramov, L. I. Gashchikov. *Ogny. rud.* 12 no. 6: 3-4 '67.
 Handbook on the quality and preparability of coals and anthracites of the Ukrainian S. S. R. (Donets Basin within the boundaries of the Ukrainian S. S. R., L'vov-Volyn' Basin). *Spravochnik po kachestvu i obogaleniym kamennykh uglei i antratsitov Ukrainsskoi SSR. (Dobava v granitsakh USSR, L'vovsko-Volyn. bassein). Moskva, "Nedra."*
 T. 2. [Characteristics of the preparability of coals of the Ukrainian S. S. R.] Kharakteristika podgotovki kamennykh uglei Ukrainsskoi SSR. 1957. 1055 p.
 Industrial testing of new types of metal detectors. M. N. Minin. *Ogny. rud.* 12 no. 6: 48-51 '67.
 Investigating electric properties of ores and processing rocks with the help of designing automatic control systems. E. I. Arsh, L. A. Krasov, *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 167-170 '68.
 Magnetic separation of vermiculite ores. I. A. Blomilov, V. I. Kozlovskiy. *Ogny. rud.* 12 no. 6: 18-20 '67.
 Method of mineral assay for finding the maximum extraction of limited content of valuable component in the concentrate. V. I. Melnikin. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 182-184 '68.
 Phenomena of determination of "undissolvable ions" in the final phase of flotation pulp. A. A. Mityagin, N. I. Vlasov. *Zhur. priklad. khim.* 41 no. 1: 66-72 '68.
 Power consumption and the output of jaw and cone crushers for coarse crushing. V. A. Olevskiy. *Ogny. rud.* 12 no. 6: 20-25 '67.
 Preparing residues of Olenegorsk concentrates without roasting. L. E. Kuznetsov. *Ogny. rud.* 12 no. 6: 26-29 '67.
 Prospects for the utilization of carbonate manganese ores. A. S. Shumilova, K. I. Tikhonov, A. P. Erm. *Ogny. rud.* 12 no. 6: 11-15 '67.
 Relation between the crushing indices and the work index. M. I. Akerman, T. V. Zvereva, M. N. Kazennov. *Ogny. rud.* 12 no. 6: 30-34 '67.
 Selection and analysis of parameters for the optimization of mineral processing processes. I. I. Plaksin, L. A. Barak, I. B. Rubinshteyn. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 162-167 '68.
 Selective flotation of beryllium-containing margarine. A. I. Kakhin. *Ogny. rud.* 12 no. 6: 5-6 '67.
 Stabilization of aluminum sulfate in the slitting process. A. V. Buzdakovskiy, N. I. Plaksin, P. I. Gorin. *Met. i gornorud. prom.* no. 2: 15-19 Nov. '68.
 Stepwise proportioning regulator for the automation of the loading of ore in a mill from a row of successively placed bins. A. A. Ivanov, A. N. Morozov, G. I. Novikov. *Izv. i dokl. Akad. nauk.* 15: 17-22 '67.
 Studying and adapting self-grinding and pebble ore grinding processes, from materials of a conference in Alma-Ata. V. I. Mashin, M. V. Vaisberg. *Ogny. rud.* 12 no. 6: 35-37 '67.
 Studying ore-fuel briquettes by the reduction process. L. A. Petrov, V. N. Masnikov. *Izv. AN SSSR, Met.* no. 3: 16-23 Nov. '68.
 Studying the performance of slitting machine gas burner arrangements. A. N. Shteyn and others. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 27-32 '68.
 Testing ore pebble grinding at the Olenegorsk plant. T. I. Kapustina, M. N. Kuznetsov, N. I. Prosvirskiy. *Ogny. rud.* 12 no. 6: 24-27 '67.
 Using a weighing compound made of a mixture of granulated ferric sulfide and pyrrhotite product. M. S. Badrov, A. O. Kozhevnikov, R. I. Ergel'. *Ogny. rud.* 12 no. 6: 54-55 '67.
 Washing and leaching chloride-containing iron ores. A. I. Nefedov, A. G. Iushchenko. *Ogny. rud.* 12 no. 6: 15-19 '67.

622.7 (571.17) — Kemerovo Province

Accounting for the interchangeable equipment.
 M. Shklovskiy. *Bukh. uch. zh.* 4: 35-37 Apr. '68.

622.7 (574) — Kazakh S. S. R.

Conditions should be changed. Z. I. Dzhurav, M. G. Orlovskiy, B. Orlovskiy. *Nar. khoz. Kazakh.* 28 no. 5: 60-61 May '68.

622.7 (575.1) — Uzbek S. S. R.

Introduce automation in ore dressing plants. F. Zeldin, O. Rameev. *Ekon. i zhizn'* 10 no. 1: 60-62 Jan. '68.

622.8 Safety and health protection in mines. Accidents. Damage
 All-Union school for the exchange of experience in controlling accident outbreaks of coal, rock and gas in coal mines. F. A. Rosenzweig. *Shkhi. strol.* 12 no. 2: 29-31 Feb. '68.
 Analysis of the basic causes of accidents in the dying departments of coal briquet plants and their prevention. M. G. Polyakov, E. E. Petrovskiy. *Tekhn. prom.* 45 no. 4: 13-15 '68.
 Assigning estimated characteristics of the strength of rocks in determining angles of inclination of steep mine slopes. L. V. Zlotchev, V. G. Zolotarev. *Trudy IGD (Sverd.)* no. 12: 13-16 '66.

Article No. 2. *Volks-Kon-Mine.* V. A. Kulik, L. V. Svirskiy. *Bezp. truda v prom.* 12 no. 6: 24-26 Jan. '68.
 Calculating inter-chamber pillars in mining small steeply pitching deposits. A. A. Il'inskiy. *Trudy IGD (Sverd.)* no. 12: 107-113 '66.
 Capacitance of SHIRF and SHIRF mining cable with regard to the ground. L. I. Sychev, I. G. Novikova, E. G. Maslota. *Bezp. truda v prom.* 12 no. 6: 53-54 '68.
 Chemical methods of harding loose rocks. M. L. Rudakov and others. *Trudy IGD (Sverd.)* no. 12: 54-60 '66.
 Coal reserves in the Kemerovo Basin deposits. V. A. Karabek. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 3-8 '68.
 Conditions for using pressure compensators of compressed air in coal mines. A. S. Savitskiy. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 31-33 '68.
 Conference on continuous improvement of safety engineering in coal mines. *Bezp. truda v prom.* 12 no. 6: 59-61 Feb. '68.
 Controlling rock dumps. L. M. Petukhov. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 33-37 '68.
 Determination of rock movements around horizontal development workings. I. A. Vekster, M. I. Burdakov. *Nauch. trudy Mos. inst. rudnik. i gorn. elektromekh.* no. 53: 163-165 '65.
 Determining the span limit of underground workings. G. E. Lopatin. *Trudy IGD (Sverd.)* no. 12: 117-118 '66.
 Determining the stressed state of the massif. A. D. Solov'ev and others. *Trudy IGD (Sverd.)* no. 12: 94-99 '66.
 Ditch control on the track roads in open-pit mines. L. V. Vasil'ev, E. A. Feduk. *Sborn. trudy IGD (Sverd.)* no. 13: 75-80 '65.
 Experiences in engineering works of the "Krasnodon" mine collective. V. G. Arshava, V. A. Isachenko. *Bezp. truda v prom.* 12 no. 6: 21-23 Jan. '68.
 Experience in the use of the TSS-3 equipment in mines. B. E. Tikhonov. *Vop. razved. gorn.* no. 7: 175-178 '68.
 Experience of Krim's petroleum industry workers. S. I. Zakharov. *Bezp. truda v prom.* 12 no. 6: 30-31 Jan. '68.
 Increasing coal dust well-being by solution of surface active agents. B. I. Kirin. *Nauch. trudy Mos. inst. rudnik. i gorn. elektromekh.* no. 53: 207-207 '65.
 Influence of cavities in worked-out areas of sulfate mines on the development of oxidation processes. A. A. Kostel'skiy, D. I. Soshin, A. A. Medvedev. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 63-65 '68.
 Influence of the time factor on the strength properties of rocks in a stressed state. O. E. Izrael. *Trudy IGD (Sverd.)* no. 12: 113-116 '66.
 Injection of water into rock mass under the conditions of the Kemerovo coal basin. S. S. Saginov, G. E. Panov. *Shkhi. strol.* 12 no. 4: 13-15 Apr. '68.
 Laboratory tests in respect to investigations of the method of mine water purification. A. M. Tomil'skiy, M. P. Kreshkov, P. N. Shapovalov. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 3: 157-161 '68.
 Measures to insure safe working conditions in underground operations at the "Apoll" Combine. H. I. Mikhonov. *Bezp. truda v prom.* 12 no. 6: 11-13 Jan. '68.
 Mechanizing clamping in blasting operations. A. I. Kozlovskiy, V. I. Tselinskiy. *Bezp. truda v prom.* 12 no. 6: 40-49 Jan. '68.
 Measuring and carbonic acid gas gauge. I. I. Zhuravskiy, P. P. Tselinskiy. *Bezp. truda v prom.* 12 no. 6: 54-56 Jan. '68.
 Measuring combustion during blasting of fractured rock. A. S. Litvinenko, B. G. Meshcheryakov, M. S. Neznamskiy. *Bezp. truda v prom.* 12 no. 6: 7-7 Jan. '68.
 Method of calculating stresses in the massif during blasting. M. I. Rudakov, P. S. Mironov, N. V. Shchelavskiy. *Trudy IGD (Sverd.)* no. 12: 70-72 '66.
 Method of controlling accurate overlying rocks in mining iron ore deposits. N. P. Volkov and others. *Trudy IGD (Sverd.)* no. 12: 91-94 '66.
 Mining in the rock subject to outburst. A. M. Burdakov, A. I. Lashchuk, M. I. Bolshinskiy. *Shkhi. strol.* 12 no. 5: 25-26 May '68.
 Occupational traumatism in coal mines and measures for its prevention. I. A. Babokin. *Bezp. truda v prom.* 12 no. 6: 1-1 Jan. '68.
 Photoelastic transducers for measuring stresses in the massif. A. D. Soshin and others. *Trudy IGD (Sverd.)* no. 12: 99-107 '66.
 Principles of similarity criteria in modeling movements of aerosol in a turbulent flow. E. M. Moshalovskiy, E. M. Orlovskiy. *Nauch. trudy Mos. inst. rudnik. i gorn. elektromekh.* no. 53: 227-237 '65.
 RK-1 machine for cleaning post bog drainage. V. A. Zaitsev and others. *Tekhn. prom.* 45 no. 6: 6-7 '68.
 Rock outbursts during shaft sinking at the "Tselovskaya" G. I. Ilyushin. A. A. Babitskiy, V. I. Nikitin, A. A. Nakhlovskiy. *Shkhi. strol.* 12 no. 3: 18-20 Mar. '68.
 Safety in pneumatic charging of waste rock into chambers with BPZ-4 pneumatic chargers. V. I. Abramov, B. I. Cheladzev, V. I. Shirokov. *Bezp. truda v prom.* 12 no. 6: 39-40 Jan. '68.
 Separation of rosin ore. V. M. Sukharovskiy, A. P. Shelmikh. *Bezp. truda v prom.* 12 no. 6: 8-10 Jan. '68.
 Strength of the massif of rocks depending on the fractured state of the latter: open for discussion. V. G. Zolotarev. *Trudy IGD (Sverd.)* no. 12: 40-47 '69.
 Success of the "Starogorodskiy" Petroleum Production Administration. T. D. Gusev. *Bezp. truda v prom.* 12 no. 6: 33-34 Jan. '68.
 Volunteer workers arrive for work safety. I. A. Dvorin, V. A. Rovenko, V. N. Pobaikov. *Bezp. truda v prom.* 12 no. 6: 26-29 Jan. '68.
 Water injection for dust control in stone quarries. D. A. Amantov, N. P. Grashchenkov. *Nauch. trudy Mos. inst. rudnik. i gorn. elektromekh.* no. 53: 217-226 '65.
 Work safety in controlling gashers and gasers. I. D. Olshchikov, M. A. Korolovskiy. *Bezp. truda v prom.* 12 no. 6: 14-16 Jan. '68.

622.8 (471.54) — Sverdlovsk Province

Determining deformations of the overlying rock at the "Perovskaya" Mine. M. L. Rudakov and others. *Trudy IGD (Sverd.)* no. 12: 116-120 '65.
 Measures for preventing air blasts. V. P. Volkov and others. *Trudy IGD (Sverd.)* no. 12: 125-128 '65.

Physicochemical properties and structure of ores and rocks of the Pokrovskoye and Gorobayevskoye deposits. M. L. Rudakov and others. *Trudy IGD (Sverd.)* no. 12: 126-137 '66.
 Physicochemical properties of rocks of the "Gusevskoye" and Sokolovskaya iron ore deposits. L. I. Ilyushin and others. *Trudy IGD (Sverd.)* no. 12: 20-30 '66.

622.8 (471.55) — Chelyabinsk Province

Extent of a mass displacement depending on its size and the thickness of strata in the largest of highly inclined deposits of the Chelyabinsk Basin. L. I. Ilyushin, S. A. Ilyushin. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 2: 29-32 '68.

622.8 (471.56) — Orenburg Province

Winding and inert materials for the reinforcement of artificial pillars at the Gay Mining and Ore Dressing Combine. K. U. Repp and others. *Izv. vuzov, tekhn. nauki, gorn. zhur.* 11 no. 3: 25-26 '68.

622.8 (471) — Ukrainian S. S. R.

Akademiya nauk URSS, Kiev, Rossiyskaya komissiya po voprosu o silkoizome. Pismo. 19th. [Materials of the 10th Plenum of the Ukrainian Commission on Silica Control] Materialy. Kiev, "Nauchova dumka," 1968. 210 p.
 At the No. 2 Tolka Kon-Mine. V. A. Kulik, L. V. Svirskiy. *Bezp. truda v prom.* 12 no. 6: 24-26 Jan. '68.

622.8 (477.6) — Donets Basin

Admissible conditions for underground buildings and structures in the Donets Basin. L. V. Ilyushin, M. I. Ilyushin. *Bezp. truda v prom.* 12 no. 6: 15-17 Jan. '68.
 Some results of the study of rock movements in deep coal mines of the Donets Basin. M. I. Vukobrat, V. V. Tsygankov. *Nauch. trudy Mos. inst. rudnik. i gorn. elektromekh.* no. 53: 93-97 '65.

622.8 (574) — Kazakh S. S. R.

Physicochemical properties of rocks of the "Gusevskoye" and Sokolovskaya iron ore deposits. L. I. Ilyushin and others. *Trudy IGD (Sverd.)* no. 12: 20-30 '66.

623 MILITARY AND NAVAL ENGINEERING AND TECHNOLOGY

623.3 Defense work

Scientific and technical progress and the country's defense industry. A. Chigirinskaya, N. Dolina. *Komm. Vostok.* 511. 49 no. 4: 53-50 Apr. '68.

623.4 Ordnance. Guns. Service vehicles. Ammunition. War

A mine locator in signalling. *Voen. zhur.* 41 no. 6: 18-37 Jan. '68.
 Stobolov, K. M. [A tank on a pedestal]. *Tank na postam. Moskva, Politizdat.* 1968. 144 p. (Typ. ser.).
 A submarine gun to a rollable front. *S. Ilyushin.* *Voen. zhur.* 41 no. 6: 30-31 Jan. '68.

623.451 Projectiles. Shells. Bombs. Guided missiles

Homing contour of anti-aircraft guided missiles. V. K. Nepochev. *Voen. protivotank. obr.* no. 3: 15-19 Jan. '68.
 Missiles and their firing training. V. I. Vozz. *Voen. protivotank. obr.* no. 3: 10-12 Mar. '68.
 Scientific and technical progress and the country's defense industry. A. Chigirinskaya, N. Dolina. *Komm. Vostok.* 511. 49 no. 4: 53-50 Apr. '68.

623.8 Naval engineering. Ordnance. Warships

From an aircraft carrier made of ice (a...), V. Kozlovskiy. *Tekhn. i razv.* no. 6: 16-17 '68.
 Skorokhod, Yu. V., and P. M. Khokhlov. [Ships for anti-air defense]. *Korabli protivovozdushnoy oborony.* Moskva, Voenizdat, 1967. 285 p.

624 CIVIL AND STRUCTURAL ENGINEERING

Methods for improving calculations of steel structures. V. A. Balgin. *Stroitel. mekh. i mashinostroy.* 11 no. 4: 1-3 '67.
 Calculation of stresses in high-pressure vessels with a technologically defective shape. V. O. Talaev. *Trudy GSI* no. 50: 12-21 '67.
 Computer solution of the nonlinear plane problems of elasticity theory and of plasticity theory problems as applied to compressible reinforcing materials. M. I. Korotkiy. *Trudy GSI* no. 50: 74-83 '67.
 Construction of communications installations servicing industrial enterprises. *Blat. stroitel. tekhn.* 20 no. 2: 14-15 '67.
 Construction program of the anniversary year should be fulfilled. *Blat. stroitel. tekhn.* 20 no. 2: 18-21 Apr. '67.
 Designing optimal reinforcements for holes in plates. V. P. Mal'kov. *Trudy GSI* no. 50: 86-87 '67.
 Designing optimal reinforcements for monitors in shells of revolution. V. P. Mal'kov. *Trudy GSI* no. 50: 84-85 '67.
 Determining horizontal loads on the flooring of frame buildings. V. V. Kharin. *Stroitel. mekh. i mashinostroy.* 11 no. 4: 31-33 '67.
 Determining the stability of slopes along a parabolic curve. S. I. Buzalov. *Avt. dokl.* 31 no. 4: 20-20 Apr. '68.
 Determination of stresses in gears by the N. I. Zhukovskiy method using electronic computer. A. M. Kuznetsov. *Trudy GSI* no. 50: 46-51 '67.
 Development of probabilistic methods of calculating structures in the U. S. S. R. A. R. Zhanitskiy. *Stroitel. mekh. i mashinostroy.* 11 no. 4: 23-27 '67.

Distribution of piezometric pressure of water over cross sections of elements of a rock pressure structure. I. I. Sokolov, V. A. Lomonosov. Izv. VNIIG 85 41-57 '67.

Dynamic calculation of magistral tunnels for wind effect. M. F. Barstov. Stroi. mekh. i mash. stroi., 9 no. 4 32-37 '67.

Dynamic effect of rotary machines with a fluid filler on structural elements. I. M. Danilov. Stroi. mekh. i mash. stroi., 9 no. 4 33-37 '67.

Properties of a flat elastic spring. I. N. Pokrovskii. Tekh. mekh., 4 no. 3 54-58 Mr '66.

Properties of stiffened plastic shallow shells of revolution with axial supports. M. I. Ershov. Stroi. mekh. i mash. stroi., 9 no. 4 15-18 '67.

Effect of a crack on the stressed state of a block resting on a plastic foundation. G. S. Ginzburg. Izv. VNIIG 85 65-77 '67.

Effect of anisotropy and elastic yielding of diaphragms on the performance of ribbed bodies. I. A. M. Timonov, I. V. Chernenkov. Stroi. mekh. i mash. stroi., 9 no. 4 17-17 '67.

Effect of the method of conformal transformation function construction on boundary point stresses. I. I. Seredenko. Trudy GIST no. 50 42-10 '67.

Effect of the shape of a body on internal friction during vibrations. E. G. Ginzburg. Stroi. mekh. i mash. stroi., 9 no. 4 17-21 '67.

Experimental determination of limit load for steel beams. A. I. Kravtsov. Trudy GIST no. 50 95-101 '67.

Experimental study of Siberian larchwood on tensile and compressive strength along its grain. V. G. Lashov, V. V. Bykov. Trudy GIST no. 50 60-73 '67.

Gaidarov, L. V. [Metal structures. (Textbook)] Molali- cheskiy konstruktivnyy (Ucheb. posobie), Moskva, 1967, 176 p.

Improving the calculation of statically indeterminate reinforced concrete elements. Sovetskoye vostochnoye rascheta staticheskoye soopredelennykh zhelezobetonnykh konstruktivnykh. Pol. red. A. A. Gvozdeva, S. M. Krylova. Moskva, Stroizdat, 1968, 213 p.

Improving the surface of coal mining enterprises. K. I. Tarshinov, V. K. Andreyev. Stroi. mekh. i mash. stroi., 9 no. 4 30-31 Mr '68.

Instructions on the erection of monolithic reinforced concrete industrial pipes and water-cooling towers. Uchebnik po vozvedeniyu monolitnykh zhelezobetonnykh promyshlennyykh trub i bashnykh gradirev. SN 374-67. Inst. ofia. Ltv. 20/VII 1967 g. Moskva, Stroizdat, 1968, 88 p.

Levyashchik, A. K. [Construction work; a manual on project work for course credit and diploma of schools of higher technical education] Stroitel'noe delo; posobie po kursovomu i diplomnomu proektirovaniyu dlya tekhnicheskikh vuzov. Minsk, "Vyssh. shkola," 1964, 158 p.

[MICROFILM]

Models of framed structures having anti elastic bodies. N. N. Lashov. Stroi. mekh. i mash. stroi., 9 no. 4 12-13 '67.

New method for the solution of a plane problem for physically nonlinear elastic bodies. A. G. Ginzburg. Trudy GIST no. 50 5-11 '67.

Prerequisites for the method of determining the strains per unit of buildings situated above ground. V. V. Lashov. Osn., fund. i mekh. grun., 10 no. 2 32-34 '68.

Philips, D. A. and G. P. [Korotkiy, Modeling structural elements] Modelirovaniye stroitel'nykh konstruktivnykh. Leningrad, 1967, 12 p. (Leningr. inzh. nauch. tekhn. propagand. B-chka proektirovshchika-stroitel'na).

Plotting plane stationary temperature fields and thermodynamic stresses in double-connected regions. V. G. Radlov. Trudy GIST no. 50 22-31 '67.

Practical methods for designing roofing shells. I. E. Mikhovskii, V. D. Radlov. Stroi. mekh. i mash. stroi., 9 no. 4 14-16 '67.

Problems of structural mechanics of underground pipelines. G. K. Kleim. Stroi. mekh. i mash. stroi., 9 no. 4 25-31 '67.

Problems of eccentric compression of combined elements. S. V. Polakov. Stroi. mekh. i mash. stroi., 9 no. 4 8-11 '67.

Reinforced concrete span constructions of the main structure of highway bridges. V. A. Bakhtin. Avt. dor. 91 no. 4 15-16 Ap '68.

[Reinforced-concrete structural members. (Experimental and theoretical investigations)] Zhelezobetonnyye konstruktivnyye. (Eksperimental'no-teoreticheskiye issledovaniya). Vilnius, "Mintis," 1967, 116 p.

Schools should be built according to improved plans. Stroi. mekh. i mash. stroi., 20 no. 2 13-14 F '67.

Selecting the cross section of wire. A. N. Derzhavskiy. Stroi. mekh. i mash. stroi., 9 no. 4 14 '67.

Soils. The taking, packing, storage and transportation of samples. Blui. stroi. tekhn., 20 no. 2 23-24 F '67.

Some problems of the theory of hyperbolic-complex variable functions. A. N. Suprun. Trudy GIST no. 50 41-44 '67.

Stability of rectangular orthotropic plates. N. F. Brukva. Tekh. mekh., 4 no. 3 77-85 Mr '68.

[Strength and rigidity of reinforced-concrete structural elements] Prochnost' i zhestkost' zhelezobetonnykh konstruktivnykh. Pod red. A. A. Gvozdeva. Moskva, Stroizdat, 1968, 231 p.

Stresses in a long strip due to the concentrated force in its internal point. B. B. Lampel, E. V. Kuruchkina. Trudy GIST no. 50 63-68 '67.

Studying thermal stresses in concrete construction blocks. K. S. Rozanov, I. A. Mikhailova. Izv. VNIIG 84 35-111 '67.

Twenty-fifth Conference of the Leningrad Institute of Civil Engineering. Vod. i san. tekhn., no. 6 3-31 of cover 3e '67.

Vibration insulated supports for air blowers. Blui. stroi. tekhn., 20 no. 2 28-29 F '67.

624(474.5)—Lithuanian S. S. R.

In the Construction Ministry of the Lithuanian S. S. R. Blui. stroi. tekhn., 23 no. 2-4 F '67.

624(479)—White Russian S. S. R.

In the Construction Ministry of the White Russian S. S. R. Blui. stroi. tekhn., 20 no. 2-4 F '67.

624(497.1)—Yugoslavia

Organization of design engineering in Yugoslavia. I. D. Prokhorov. Blui. stroi. tekhn., 21 no. 2 42-44 F '67.

624(574)—Kazakh S. S. R.

Conference seminar on the advanced experience in silo construction in the Republic. I. P. Domrachev. Blui. stroi. tekhn., 26 no. 2 16-48 F '67.

624.1 Earthwork. Foundations. Substructures. Tunneling

All-Union Coordinating Conference on Calculating the Stability of Navigational Hydroelectric Structures. V. S. Kuznetsov. Osn., fund. i mekh. grun., 10 no. 2 34-10 '68.

Analysis of properties of laminated rock of sulfur deposits using a shearing test and a stationometer. G. S. Gol'd, Zh. E. Rogatkin. Trudy MIIT no. 270 3-10 '68.

Bearing capacity of friction piles in thawed soils. V. N. Brodskiy, I. I. Mikhailovskiy. Osn., fund. i mekh. grun., 8 no. 2 16-18 '66.

Bending of a thin isotropic rectangular plate on the elastic foundation under arbitrary transverse displacement and angular deformations of the contour. I. I. Syrovatskiy. Izv. VNIIG 85 201-211 '67.

Boring holes and pile driving in permafrost soils. S. S. Vlasov, H. O. Tarshinov. Osn., fund. i mekh. grun., 10 no. 2 24-26 '68.

Calculating angles of inclination for slopes and benches of frozen steep slopes. M. I. Radlov and others. Trudy IGD Sverd. 1 no. 12 3-13 '66.

Calculating load-bearing settling on loose sand. N. I. Rudakov. Osn., fund. i mekh. grun., 10 no. 2 43-46 '68.

Calculating piles under horizontal loads. A. S. Kuznetsov. Osn., fund. i mekh. grun., 10 no. 2 19-19 '68.

Calculating strip foundations for transverse forces. I. V. Kuznetsov. Osn., fund. i mekh. grun., 10 no. 2 37 '68.

Calculating the cross-sectional strength of a multi-sectional cantilever roller with pneumatic tires. H. M. Glazov, G. I. Kuznetsov. Stroi. i dor. mash., 13 no. 3 9-11 Mr '68.

Calculation and modeling of anchor foundations. V. D. Vasyuk. Tekh. mekh., 26 no. 4 40-11 Ap '68.

Calculation of a rigid footing resting on bedrock at a certain depth under a layer of soil: plane problem. O. E. Prukhlovskiy. Osn., fund. i mekh. grun., 8 no. 2 14-16 '68.

Calculation of findings for pressure tunnels in anisotropic rock. V. S. Litov. Gidr. stroi., 17 no. 5 20-20 My '67.

Calculation of stresses and deformations of the foundation bed taking into account its depth. L. A. Kozlovskiy. Osn., fund. i mekh. grun., 8 no. 2 34-35 '68.

Certain additions to calculations of horizontally loaded piles of linear rigidity when using combined methods. S. A. Verzhnina, M. I. Korotkiy, V. P. Ignatov. Trudy MIIT no. 270 30-52 '68.

[Cohesive soil packing in the waterline in the Far North. (Construction of the Vilyuy hydroelectric Power Plant dam)] Zimniya ukladka svyaznykh grunov na Krainom Severe. (Stroitel'stvo polnykh Vilyuisk GES). Moskva, "Energiya," 1968, 112 p. (In-ka gidrotekhnika i gidroenergetika. Vyp. 2).

Comparison of incoherent soils by underwater explosions. P. L. Ivanov, G. T. Tunkov, I. S. Gurevich. Gidr. stroi., 36 no. 4 20-32 Ap '68.

Comparison of estimated settling with actual settling according to the time required by each. A. I. Kuznetsov. Trudy MIIT no. 270 21-32 '68.

Comparison of some theoretical and experimental studies of soil compaction by ramming. E. P. Anisimov, I. M. Hobylov. Osn., fund. i mekh. grun., 8 no. 2 8-11 '68.

Conditions of using pneumatic-wheel cranes. S. L. Msk, I. F. Pokhomov, M. I. Kozarskiy. Stroi. i dor. mash., 11 no. 5 13-14 My '66.

Constructing a water well in peat. E. V. Makarov. Osn., fund. i mekh. grun., 10 no. 2 29-30 '68.

Construction of hydraulic tunnels for the diversion of Arpa River into Lake Sevan and to the Tatev Hydroelectric Power Station. R. G. Gvorkanov. Gidr. stroi., 37 no. 5 20-22 My '67.

Coordinating conference on the topic: "Use of ice as a construction material." V. I. Smolov, S. M. Alekseyev. Gidr. stroi., 36 no. 4 58-60 Ap '68.

Correcting the moduli of strain of plastic filling soils determined with compression devices. O. I. Ignatov. Osn., fund. i mekh. grun., 10 no. 2 8-10 '68.

Deduction and investigation of parametric equation of a curvilinear envelope of limiting Mohr circles. E. I. Mikhaylovskiy. Trudy MIIT no. 270 70-80 '68.

Deformability characteristics of fissured rock before and after grouting. D. D. Sapozhnik, R. A. Sidraev. Izv. VNIIG 84 188-190 '67.

Determination of packing efficiency of machinery. I. M. Vasil'ev, N. A. Kharkuta. Stroi. i dor. mash., 11 no. 5 0 My '66.

Determining shearing resistance of soils. I. G. Ivenishchev. Trudy MIIT no. 270 107-123 '68.

Determining the carrying capacity of soil in mines according to critical boundary load. I. G. Maganikov, Nanch. Trudy MGU, Inst. radioelek. i gor. elektromekhn., no. 53 111-123 '66.

Determining the maximum pressure on foundation soils under circular foundations. K. I. Ignatov, O. D. Shubina. Osn., fund. i mekh. grun., 10 no. 2 5-7 '68.

Determining the optimal form dimension to ensure the stability of the underlying strata. N. E. Pavacer, O. N. Andrusova. Trudy MIIT no. 270 92-95 '68.

Devices for concreting clay with distributed structure. B. I. Nezhner, I. U. Kozlov, I. I. Kamenskii. Trudy MIIT no. 270 81-90 '68.

Diagram for the calculation of earth slope stability as a three-dimensional problem. T. V. Malozhukova. Izv. VNIIG 85 223-227 '67.

Drabkin, G. M. [Certain cases of failure of column footings of industrial buildings] Nekotorye sluchai avarii zhelezobetonnykh fundamntov kolonn promyshlennykh zdaniy. Leningrad, 1967, 13 p. (Biblioteka proektirovshchika-stroitel'na).

Economical foundations for compressor stations. A. I. Petrich. Stroi. i mash. stroi., 13 no. 2 9-12 F '69.

Effect of compression on the efficiency of a helical screw conveyor in driving piles into permafrost soils. V. E. Bonch. Tekh. mekh., 26 no. 11 7-10 Ap '68.

Effect of construction methods on surfaces in thin single-anchor retaining walls. G. E. Lazchik, I. I. Chernyashova. Gidr. stroi., 37 no. 5 47-49 My '67.

Effect of joining on the deformability of rock foundation footings. Osn., fund. i mekh. grun., 10 no. 2 22-23 '68.

Effect of structural strength in loose soils on efficiency of their compaction by heavy ramming. I. S. Lyubimov. Osn., fund. i mekh. grun., 8 no. 2 28-29 '68.

Effectiveness of using elevated sand drains in peat footings. I. S. Arutunyan and others. Osn., fund. i mekh. grun., 10 no. 2 40-42 '68.

Equipment mounted on heavy-duty crawler tractors. A. I. Safonov. Gidr. stroi., 37 no. 11 47-48 N '68.

Experience gained from using impact machinery for working frozen ground. V. I. Radlov and others. Na. stroi. Bos., 9 no. 3 27-31 Mr '68.

Experimental foundations with draining layers and boreholes in expansive soils. N. A. Lashov. Osn., fund. i mekh. grun., 8 no. 2 20-21 '66.

Experimental investigation of the active pressure of clayey soils on the retaining wall. B. I. Tarshinov. Osn., fund. i mekh. grun., 10 no. 2 4-6 '68.

Experimental investigations of open channels with heterogeneous bottom. A. I. Radlov, B. T. Tarshinov. Osn., fund. i mekh. grun., 10 no. 2 17-20 '68.

Experimental sinking of columns in a thixotropic liquid. S. A. Ter-Gabrielov and others. Osn., fund. i mekh. grun., 8 no. 2 30-31 '68.

Field studies of rock pressure manifestations in coal mine workings of the Dniepr basin. V. V. Kalashov, Nanch. Trudy MGU, Inst. radioelek. i gor. elektromekhn., no. 53 121-124 '65.

Forecasting the reconstruction of slopes affected by landslides. I. D. Trifonov. Gidr. stroi., 37 no. 4 14-16 Ap '67.

Form and dimensions of sealing hollow. A. A. Ginzburg. Gidr. stroi., 36 no. 4 11-11 N '68.

General scheme of the channel below Tiba-Miyun hydraulic project. Stroi. i mash. stroi., 13 no. 2 53-57 '68.

[Handbook on engineering geology] Spravochnik po inzhenernoi geologii. Pol. obshchiy. red. M. V. Churlovskiy. Moskva, "Nedra," 1968, 540 p.

Improved instruments of contact earth pressure. Gidr. stroi., 37 no. 10 30 Q '68.

Increase with time in the bearing capacity of single piles. G. F. Novozhilov. Osn., fund. i mekh. grun., 8 no. 2 18-19 '68.

Measurement of rock pressure in tunnels during the construction of the Murck Hydroelectric Power Station. E. M. Pashkina. Gidr. stroi., 37 no. 10 35-37 Q '68.

Method of accelerated deep compaction of liquid slumping loose soils by presaturating with directional blasting. I. M. Litvinov. Osn., fund. i mekh. grun., 8 no. 2 22-26 '68.

Method of determining bulk material pressure upon retaining walls with the use of a pile surface formula derived by experiment. Z. V. Tsagaroli. Gidr. stroi., 37 no. 6 14-18 Je '67.

Method of determining the permeability of a rock-sand body by electrical measurements. L. V. Gurevich. Izv. VNIIG 85 86-90 '67.

Methodology of dynamic probing of loose soils. E. V. Ripakii, V. P. Lazorenko, G. V. Zhornik. Osn., fund. i mekh. grun., 8 no. 2 5-8 '69.

Methods for studying the interaction between the pile under horizontal load and soil. V. V. Milonov. Stroi. mekh. i mash. stroi., no. 28 105-173 '67.

Methods of calculating measurements of fracturing in determining the stability of strip mine pillars. V. G. Zolotarev. Trudy IGD Sverd. 1 no. 12 28-28 '66.

Model studies of underground hydraulic structures. M. N. Beikin and others. Gidr. stroi., 37 no. 4 31-33 Ap '67.

Nonlinear forced impact machines for breaking up hard surfaces and frozen grounds. M. I. Aramzon, V. I. Utkin, V. P. Balandina. Stroi. i dor. mash., 13 no. 3 11-13 Mr '68.

Method reinforcement blocks for column footings. A. N. Pinskii. Proiz. stroi., 44 no. 6 41-42 '67.

Natural settling of dumped rock material. G. A. Radchenko. Gidr. stroi., 37 no. 5 23-25 My '67.

Normalizers of road machinery produced in series by plants of the Ministry of Construction and Road Machinery. Stroi. i dor. mash., 13 no. 3 14-15 Mr '68.

Nonlinear problem of the consolidation of three-phase soils. L. V. Gurevich, B. M. Nullov. Izv. VNIIG 85: 98-100 '67.

Number of samples necessary for the determination of the standard value of physical characteristics of soils. V. E. Fikman. Osn., fund. i mekh. grun., 8 no. 2 10-11 '68.

Objectives and methods of field investigations of drainage systems operating in foundations liable to piping. O. N. Nosova. Izv. VNIIG 85 162-169 '67.

Percolation and relaxation theories of consolidation. A. I. Kuznetsov. Trudy MIIT no. 270 11-20 '68.

Elements of the hydrodynamic control of locomotive gas turbine assemblies. G. I. Filizun. Trudy TSNI

Evaluation of influences of a locomotive gas turbine engine when changing the cross section of the flow through part of the turbine. S. F. Pavlov. Trudy TSNI MPS no. 324-93-98 '66.

Free vibrations of spring assemblies with resiliently connected frictional damper. V. M. Guruzov. Sborn. tr. LITIZH no. 255:89-105 '66.

Formulations for calculating the lifting of tank cars in automatic lifting. V. I. Gubin and others. Transp. i kran. mash. stroit. no. 1:25-29 '66.

Gas sampling valve with an electric drive. A. A. Kravchenkov. Trudy KIIIT no. 89:67-70 '66.

Increasing the operational efficiency of railway transportation at the Sarbay Open-Pit Mine. K. N. Serchenkov, A. F. Tkachen, S. I. Fedenko. Sborn. tr. IGD (Sverd.) no. 13:24-31 '66.

Indenter process of a high-speed diesel engine with vortex chamber. M. R. Glogolov, and others. Trudy KIIIT no. 83:35-42 '66.

Investigating the use of car dumpers at U.S.S.R. metallurgical plants. B. F. Shaul'ski. Trudy MIT no. 103:113-120 '66.

Kinematic and kinostatics in locomotive transmissions. V. A. Kamenskii. Trudy MIT no. 257-44-50 '66.

Measuring tangential stresses in spring rolls of the central assembly of a KVZ-TSNI truck. K. I. Nikolayev, K. R. Voinov. Sborn. tr. LITIZH no. 255:140-144 '66.

Method of determining the characteristics of a three-shaft gas turbine engine. K. V. Ivanov. Trudy TSNI MPS no. 324-15-25 '66.

Method of operational control over the performance of a locomotive one-shaft gas turbine engine. M. E. Mullikhanov. Trudy TSNI MPS no. 323:73-80 '66.

Operating conditions of the resilient gangways of passenger cars and measures taken against their wear. P. P. Kosov and others. Sborn. tr. LITIZH no. 255:116-125 '66.

Propagation of disturbances of finite amplitude along a chain equipped with quasi-rigid couplings between cars. N. A. Pankin, N. S. Akkerov. Trudy MIT no. 257:65-74 '65.

Rail clamps for cranes. G. A. Kotelnikov, A. M. Silkin. Stroitel. dor. mash. 11 no. 10:16-17 O '66.

Realization of the power system of high-capacity gas turbine engines of a turbojet design by the Central Scientific Research Institute of the Ministry of Railroads. U.S.S.R. S. A. Gromov and others. Trudy TSNI MPS no. 324:31-46 '66.

Regulating the power installation of gas turbine locomotives with a.c. electric transmission using a power regulator. E. M. Shulimova. Trudy TSNI MPS no. 324:47-51 '66.

Results of measuring temperatures of pistons in a high-speed internal combustion transportation engine. A. P. Chirkhin, A. I. Simanov, V. I. Mikhlinikov. Trudy KIIIT no. 89:7-12 '66.

Selecting the capacity for traction motors of electric mine locomotives. V. G. Shorin, A. D. Bogoroditski. Izv. vuz. zhelez. dor. gor. zhut. 11 no. 3:124-126 '66.

Selecting of a fan diagram for a gas turbine engine for high capacity gas turbine locomotives. I. A. Shvachenko. Trudy TSNI MPS no. 324:5-14 '66.

Selecting of the parameters of a large boxcar in view of their effect on the mechanized loading and unloading. K. I. Ridel. Trudy MIT no. 183:104-115 '60.

Sensitivity of three-shaft locomotive gas turbine assemblies to changes in temperature of outside air. V. P. Lomidov. Trudy TSNI MPS no. 324:26-30 '66.

Some results of calculation regarding the selection of optimal power of switching locomotives for work in switching tracks. V. P. Kazanlev. Trudy MIT no. 246:5-20 '67.

Start of construction. P. A. Sholest. Izobry. i rais. no. 1:4-5 '66.

Structural systems of the automatic switching system in a hydro-mechanical diesel transmission. K. G. Usmonov. Trudy MIT no. 257:17-23 '66.

Study of the escape of liquid through the clearance space between the rod and the vibration damper guide during start and lateral loading. I. I. Moskatov, N. A. Snaekov. Sborn. tr. LITIZH no. 255:100-115 '66.

Study of the wear of the frictional vibration damper bushing in passenger car trucks. B. I. Vlasnikov. Sborn. tr. LITIZH no. 255:120-130 '66.

Studying lateral vibrations and determining parameters of spring suspension in passenger cars. I. I. Chelnikov, I. A. Nevikov. Sborn. tr. LITIZH no. 255:20-40 '66.

Use of a pulse converter in the diesel engine exhaust system. A. E. Simson, V. G. Itablik. Trudy KIIIT no. 60:31-34 '66.

Vertical vibrations of a freight car on conical springs. I. A. Kabanitski. V. V. Tsvetanov. Sborn. tr. LITIZH no. 255:46-56 '66.

Vibration damping in resilient gangways of cars. A. A. Kostin. Sborn. tr. LITIZH no. 255:59-68 '66.

Vibrations of the system "wheel pairs with freight on a spring assembly, having a bifurcal resistant property" due to impact on rail joints. I. A. Kabanitski. Sborn. tr. LITIZH no. 255:88-89 '66.

Wear of link connections of the brake lever transmission at high speeds. G. N. Popova. Sborn. tr. LITIZH no. 255:145-148 '66.

[What should an electric locomotive engineer read]

Chto chitat' mashinistu elektrovoz. Moskva, 1967, 14 p. (Seriya bibliograficheskikh pamiatok dlia rabotnikov vedushchikh professii zheleznodorozhnogo transporta).

[What should a diesel locomotive engineer read]

Chto chitat' mashinistu teplovoza. Moskva, 1967, 13 p. (Seriya bibliograficheskikh pamiatok dlia rabotnikov vedushchikh professii zheleznodorozhnogo transporta).

Zarukavich, A. E., and S. K. Krylov. [Principles of electronics for locomotive crews] Osnovy elektroniki dlia lokomotivnykh brigad. Moskva, "Transport," 1968, 168 p.

625.2 (471.43)—Kuybyshev Province

A party group in a locomotive formation. A. Teltushenkov. Part. zhizn' no. 12:50-51 Je '65.

625.3 Railway of special construction

Industrial testing of the equipment for tamping and finishing of narrow-gauge railroads. G. S. Kutuzov. Topl. prom. 45 no. 4:10-12 '64.

Influence of the longitudinal profile of strip mine railway tracks on the parameters of diesel traction. M. V. Vasil'ev, B. K. Putatino. Sborn. tr. IGD (Sverd.) no. 13:14-20 '66.

625.5 Cable and rope traction railways. Funiculars

Vibrations of a centrifugal regulator in the field of constant angular velocity. B. V. Zyev. Trudy MIT no. 257:95-101 '68.

625.6 Light railways. Streetcars

Rubini, A. G., and L. L. Pashnikov. [Mechanical and pneumatic equipment of RVZ-6 streetcars] Mekhanicheskoe i pnevmaticheskoe oborudovanie tramvaynykh vagonov RVZ-6. Moskva, Stroizdat, 1967, 90 p.

625.7 Highway, road engineering

Acoustic method to determine compactness of the soil. I. P. Akishin, I. V. Zaitchuk. Avt. dor. 31 no. 4:5-6 Ap '68.

Assembly conveyor for road machinery. N. D. Egorov, G. S. Parashchenko. Stroitel. dor. mash. 11 no. 10:33-34 O '66.

Acoustic measurement of bearing in construction machinery. V. B. Ladaev, A. I. Fedotkin. Stroitel. dor. mash. 11 no. 10:34-35 O '66.

Basic problems in accelerated machine testing. K. P. Chudakov. Stroitel. dor. mash. 11 no. 9:25-27 My '68.

Hearings with a welded car. M. I. Rudman. Avt. dor. mash. 11 no. 10:34-35 O '66.

Calculation of the life of timber hauling truck springs based on given statistical characteristics of the soil in the profile. B. G. Gashin, N. I. Danilov, B. V. Bilyk, L. A. Butin. Izv. vuz. zhelez. dor. 11 no. 3:124-126 '66.

Cement metal products in construction and road building machinery. A. I. Kuter, V. A. Gashin. Stroitel. dor. mash. 11 no. 9:29-30 My '66.

Construction of roadbeds from cohesive soil in the permafrost area. A. S. Motak, A. S. Popov. Avt. dor. 20 no. 1:10-12 Ja '66.

D-553 self-propelled highway roller. M. A. Bronberg. Stroitel. dor. mash. 11 no. 5:3-34 My '65.

KL-245 glider loader. V. I. Berezin, V. N. Solov'ev, K. K. Shchegolev. Stroitel. dor. mash. 13 no. 3:4-5 Mr '66.

Designing level automobile highways. M. Shrenuk. Avt. dor. 31 no. 4:20 Ap '68.

Determining the compactness and moisture of soils with the help of gamma rays. V. I. Krovchenko, N. P. Ivlev, A. M. Kuznetsov. Avt. dor. 31 no. 1:6-7 Ap '68.

Determining the permeability of roadbeds for nonflooded pavements. A. I. Shesler. Avt. dor. 31 no. 4:17-18 Ap '68.

Determining the stability of embankments on soft soils. V. D. Kazanovskii. Avt. dor. 20 no. 1:15-17 Ja '66.

Developing a standard basis for the standard method of planning and accounting. S. I. Izmailov, M. D. Kozhishnik. Avt. dor. 20 no. 1:5-8 Ja '66.

Economic office in a construction administration. T. K. Dolbaschenkov. Avt. dor. 20 no. 1:6-7 Ja '68.

Enforcing the new five-year plan period. Avt. dor. 20 no. 1:1-2 Ja '68.

Estimated soil moisture of the roadbed and methods of its determination. L. A. Prokhorova. Avt. dor. 20 no. 1:17-18 Ja '66.

Extending the life of round reinforced concrete tubing. M. M. Zheleznev. Avt. dor. 31 no. 4:24-26 Ap '68.

Fight against dust on gravel roads. K. A. Pizikov, I. K. Miazulov, I. N. Rozov. Avt. dor. 31 no. 4:22-23 Ap '68.

Forty-first leading highway operation sections. I. Fedorov. Avt. dor. 31 no. 4:32-33 Ap '68.

[Highways] Avtomobil'nyy dorogi. Moskva, "Transport," Ch. 1. [Construction of highways] Stroitel'stvo avtomobil'nykh dorog. 1967, 360 p.

[Highways] Ref. zhur.: Avt. dor. no. 7 Ji '68.

I. I. Puskharov: obituary. Avt. dor. 20 no. 1:31 Ja '68.

Improving the impermeable layers in the roadbed. V. S. Bolchak. Avt. dor. 31 no. 4:12 Ap '68.

Improving the quality of rubble from weathered rock. V. G. Volkov, A. S. Popov. Avt. dor. 31 no. 4:20-21 Ap '68.

Improving the use of capital assets. M. S. Mironov, V. K. Bazarmanov, I. S. Borisov. Avt. dor. 20 no. 1:4 Ja '68.

Increasing requirements with regard to the compactness of soil in excavation. I. A. Kharkuta, I. U. M. Vasil'ev, V. M. Novikov. Avt. dor. 20 no. 1:12-13 Ja '66.

Influence of the subgrade layer on the distribution of compactness and stresses in the soil. M. P. Kostikov. Avt. dor. 20 no. 1:13-15 Ja '66.

Innovator in earthwork. V. I. Popov. Avt. dor. 20 no. 1:7-8 Ja '68.

Introducing internal cost accounting. G. Dovgor. Avt. dor. 20 no. 1:4 Ja '66.

Labor force is the most important thing. Avt. dor. 31 no. 4:1 Ap '68.

Laying out the construction of automobile tracks in quarries. M. V. Vasil'ev, E. P. Dorozhenko, V. P. Smirnov. Shkht. stroit. 12 no. 2:8-10 F '68.

Measures against the fluidity of labor force. I. E. Evgen'ev, I. A. Sorov. Avt. dor. 31 no. 4:4-5 Ap '68.

Mechanization to the working of frozen soils. G. A. Svislunov. Avt. dor. 20 no. 1:20-21 Ja '68.

Mechanization of engineering work and plant management. N. P. Bogdanov. Stroitel. dor. mash. 11 no. 10:30-31 O '66.

Mechanization seminar. T. A. Polanin. Avt. dor. 29 no. 1:32 Ja '66.

Mechanized operations against snow drifting on Siberian highways. K. G. Kainenskaya. Avt. dor. 29 no. 1:22-23 Ja '66.

The method is not labor consuming and it is effective. G. I. Matkalin. Avt. dor. 29 no. 1:23-25 Ja '66.

Modern foreign impact machines for breaking up hard surfaces and frozen grounds. M. I. Aronov, V. I. Utkin, V. P. Bulandin. Stroitel. dor. mash. 13 no. 3:11-13 Mr '66.

Modernized D-55B grader. E. V. Ziblin, E. P. Koval'. V. A. Merkulovich. Stroitel. dor. mash. 13 no. 3:5-7 Mr '66.

MP-64 pumps are reliable and durable. G. F. Dolgii. Stroitel. dor. mash. 13 no. 10:8-9 O '66.

Network planning and control in the operations of the State Institute for the Design, Planning and Study of Highways. D. F. Fedenko, I. S. Nikolayev. Avt. dor. 31 no. 4:13-14 Ap '68.

New D-500 roller. M. D. Golovinski, I. M. Sheremet'ev. Stroitel. dor. mash. 13 no. 3:2-3 Mr '68.

Nomenclature of road machinery produced in series by plants of the Ministry of Construction and Road Machinery. Stroitel. dor. mash. 13 no. 3:14-15 Mr '68.

Once more about the accelerated testing methods of new machines. V. D. Pelsakhovich. Stroitel. dor. mash. 11 no. 2:30-33 F '66.

Operational characteristics of highways subject to flooding. T. I. Polikarova. Avt. dor. 20 no. 1:25-26 Ji '66.

Organization of work and the equipment of a design office. V. A. Fedurkin. Stroitel. dor. mash. 13 no. 3:35-37 Mr '68.

The proper system of financing in a road construction trust. T. T. Sibirskii, N. G. Fridliskii. Avt. dor. 31 no. 4:12-13 Ap '68.

Public catering enterprises should be built along highways. A. Parkhilovskii. Avt. dor. 31 no. 4:19 Ap '68.

Resistance to brittle failure constitutes the reliability and durability factor of machinery used in the operations. K. V. Popov. Stroitel. dor. mash. 11 no. 5:10-11 My '66.

The road machinery industry under new conditions of planning and economic stimulation. A. A. Baugello. Stroitel. dor. mash. 13 no. 3:38-39 Mr '68.

Selecting the machinery for the realization of gravel truck roads in open-pit mines. E. P. Dorozhenko, V. I. Tolmachov. Sborn. tr. IGD (Sverd.) no. 13:60-75 '68.

Service life of highways. V. K. Mokrasov. Avt. dor. 20 no. 1:26-27 Ja '66.

Spring deterioration of highway surfaces and its prevention. N. P. Ivlev, M. A. Usenbaev. Avt. dor. 31 no. 4:22 Ap '68.

Subgrading of nonrigid highway surfaces. V. V. Mikhailov. Avt. dor. 31 no. 4:26-27 Ap '68.

Technical progress and tasks in the area of road construction. I. I. Molyev. Avt. dor. 20 no. 1:8-10 Ja '66.

Teaching construction and road machinery under various climatic conditions. P. V. Pankrashin, A. L. Dolgikarova. Stroitel. dor. mash. 11 no. 2:27-30 F '66.

Trade in licenses for construction and road machinery. V. N. Anisimov. Stroitel. dor. mash. 13 no. 3:38-39 Mr '68.

Training and retention of labor force in a pressing task of road construction workers. I. I. Kulikov. Avt. dor. 31 no. 4:2 Ap '66.

VTM-2 vibration ramming machine. B. A. Ilesosofskii and others. Stroitel. dor. mash. 13 no. 3:7-8 Mr '68.

Volkov, D. P., and A. F. Kravov. [Mechanized, wave, and combined transmissions of building and road machinery] Planetarnyye, volnovye i kombinirovannyye porudnichi stroitel'nykh i dorozhnykh mashin. Moskva, "Mashinostroyeniye," 1968, 271 p.

625.7 (437)—Czechoslovakia

New Czechoslovak cranes. Stroitel. dor. mash. 11 no. 10:17-18 O '66.

625.7 (471.33)—Uzbek Province

Improvement of road machinery at the Bryuzek Plant. V. A. Merkulovich. Stroitel. dor. mash. 11 no. 5:6-8 My '66.

625.7 (470)—White Russian S. S. R.

D-596 new plow. N. A. Sidorov, P. I. Ievzin. Stroitel. dor. mash. 11 no. 5:4-6 My '66.

625.7 (576.1)—Uzbek S. S. R.

Road builders met in Tashkent. I. Anisimov. Avt. dor. 20 no. 1:32 Ja '66.

625.7 (581)—Afghanistan

Laboratory control of operation of the Khuska - Herat - Kandahar highway. B. I. Denisov. Avt. dor. 31 no. 4:27-28 Ap '68.

625.8 Paving of roads. Wearing surfaces

Assembly conveyor for road machinery. N. D. Egorov, G. S. Parashchenko. Stroitel. dor. mash. 11 no. 10:33-34 O '66.

Acoustic measurement of bearing in construction machinery. V. B. Ladaev, A. I. Fedotkin. Stroitel. dor. mash. 11 no. 10:34-35 O '66.

Countermeasures against soil sticking to operating road machinery. M. G. Lazchikov, V. S. Maltov. Avt. dor. 31 no. 4:30-31 Ap '68.

D-642 self-propelled asphalt tank truck. A. E. Volkov. Stroitel. dor. mash. 11 no. 5:6 My '66.

- 10-TM plotter. V.I. Petrov, V.I. Solov'ev, R.Kh. Shadrinov. Stroitel'stvo, 13 no. 3:4-5 Apr '68.
- Estimating the depth of freeze in highway constructions. N.P. Yelov, Avt.dor. 29 no. 13:4-5 Apr '68.
- Flight apparatus for gravel roads. R.A. Pashin, U.K. Mordukhai, I.G. Rostov. Avt.dor. 31 no. 4:22-23 Apr '68.
- Improved road surfaces in the northwestern U.S.S.R. during the first spring-freezing plan. A.A. Baber, Avt.dor. 29 no. 19:20 Apr '68.
- Improving the impermeable layers in the roadbed. V.S. Botska, Avt.dor. 31 no. 4:17 Apr '68.
- Improving the quality of gravel in concrete surfaces. V.P. Igumenov, Avt.dor. 31 no. 4:10-11 Apr '68.
- Mechanization in the preparation and feeding of lime milk. G.M. Agapov, N.P. Golitsynskii. Stroitel'stvo, 11 no. 10:26-27 Apr '68.
- Modernization of engineering work and plant management. R.P. Bogdanov. Stroitel'stvo, 11 no. 10:30 Apr '68.
- Modern for high impact machines for breaking up hard surfaces and frozen grounds. M.I. Anzenov, V.I. Ustin, V.P. Balashov. Stroitel'stvo, 13 no. 3:10-11 Apr '68.
- New Czechoslovak crane. Stroitel'stvo, 11 no. 10:17-18 Apr '68.
- New D-500 roller. E.H. Galatkin, B.M. Serebrennikov. Stroitel'stvo, 11 no. 3:2-3 Apr '68.
- New testing methods of highway materials. A.S. Rukhovich and others. Avt.dor. 29 no. 12:8-10 Apr '68.
- Supervision of road machinery produced in series by plants of the Ministry of Construction and Road Machinery. Stroitel'stvo, 11 no. 3:13-15 Apr '68.
- Organization of work and the equipment of a designing office. V.A. Fel'muk. Stroitel'stvo, 13 no. 3:35-37 Apr '68.
- Push method for quality control of asphalt concrete. V.F. Voznukha. Avt.dor. 31 no. 4:9 Apr '68.
- The road machinery industry under new conditions of planning and economic stimulation. A.N. Ilyashko. Stroitel'stvo, 13 no. 3:31-34 Apr '68.
- Strength control of concrete surfaces. I.A. Vlietberg, E.I. Bakayev. Avt.dor. 31 no. 4:3 Apr '68.
- Testing soil strength by an acoustic method. A. Ivanovskikh, B. Volovaya, R. Anisimov. Avt.dor. 31 no. 4:7-8 Apr '68.
- Time for pouring asphalt concrete on a concrete base. L.P. Nikolskaya. Avt.dor. 31 no. 4:14-15 Apr '68.
- Trucks in licenses for construction and road machinery. V.N. Arslanov. Stroitel'stvo, 11 no. 3:36-37 Apr '68.
- Unit for temperature control of asphalt concrete mix. P.N. Khezenkov. Avt.dor. 31 no. 4:10 Apr '68.
- VTM-2 vibration ramming machine. B.A. Belobitskii and others. Stroitel'stvo, 13 no. 3:7-9 Apr '68.

626 HYDRAULIC ENGINEERING AND CONSTRUCTION WORK

- Application of methods in the theory of random functions to water supply engineering. I.V. Buzayev, L.V. Sergiyeva. Proble gidroenerg. i vod.khoz., no. 4:3-28 Apr '68.
- Designing of hydraulic structures by their limiting states. B.M. Likhachev. Gidrot. 37 no. 5:49-51 May '67.
- Determination of the weight of stone and concrete blocks used in the protection of a structure subject to the effect of waves. G.G. Melnikova. Gidrot. 37 no. 5:38-41 May '67.
- Distribution of piezometric pressure of water over cross sections of elements of crank resistant structures. I.D. Sokolov, V.A. Lagunova. Izv. VNIIG 66:41-57 '67.
- Expanded tables of three-parameter gamma distribution. E.G. Blokhinov, N.V. Nikol'skaya. Trudy Gidropromkha no. 12:151-163 '64.
- The 5th scientific technical youth conference in the "Gidromekhnika" Institute. V.S. Smetanin. Gidrot. 36 no. 4:56-59 Apr '68.
- Hydrodynamical problems in the dynamics of hydraulic structures. I.S. Shevkin. Izv. VNIIG 64:277-297 '67.
- Ice pressure on river structures during the debacle period. D.P. Panfilov. Gidrot. 36 no. 4:41-44 Apr '68.
- Method for the evaluation of underground water reactivity toward gypsum in hydraulic engineering. V.P. Zverev. Gidrot. 37 no. 5:32-35 May '67.
- New norms for calculation of maximum discharge when designing hydraulic river structures. A.F. Antonnikov. Gidrot. 37 no. 4:41-42 Apr '67.
- Order of determining additional expenditures for the transportation of locally unavailable materials for hydraulic construction work. Gidrot. 37 no. 10:47-48 Apr '68.
- Precast reinforced concrete in hydraulic construction. I.S. Zavalishin, I.U. E. Chumichov. Gidrot. 36 no. 4:1-4 Apr '68.
- Roughness calculation coefficients for the lining of hydroelectric power station canals. I.U. S. Vasil'ev. Gidrot. 37 no. 5:33-34 May '67.
- Scientific and technical conference on engineering surveys for construction. B.M. Rebrik, I.A. Vasil'skov. Gidrot. 37 no. 4:57-58 Apr '67.
- Studying rectangular inlets of submerged sluiceways. N.P. Rozanov, N.I.A. Romakovich, I.N. Orlov. Gidrot. 37 no. 4:27-31 Apr '67.
- Use of hydraulic screening of turbulent streams in new types of sand and gravel traps. L.A. Valentin, T.I. Derlitska. Gidrot. 36 no. 4:47-49 Apr '68.
- Water jet method of rock disposal in hydraulic engineering. V.M. Tsvetkov. Gidrot. 37 no. 10:50-52 Apr '68.

626 (197, 2)—Bulgaria

- Construction of the Dospal-Dosel hydraulic complex in Bulgaria. Ivan Pavlov. Gidrot. 37 no. 5:51-55 May '67.

- 626.1 Inland waterways. Canals, etc.
- Balance method for the calculation of the deformation of a channel bottom. K.I. Roslavskii, I.A. Kuz'min. Trudy Gidropromkha no. 12:265-271 '64.
- Calculation of the securing process as a factor in the canal enlargement method. L.I. Chikova. Trudy Gidropromkha no. 12:194-195 '64.

626.4 Locks, Sluices, Gates

- Guiding vessels through navigation locks by a stream of water. M. Kotosov. Rech.transp. 26 no. 4:1 Apr '68.
- Laruslovskii, A.A. [Mechanical equipment of locks] Méchanicheskoe oborudovanie shlyuzov. Moskva, "Transport," 1967. 224 p.
- Optimum conditions for filling and emptying of locks with lead filling systems. M.A. Karasin. Izv. VNIIG 65:18-19 '67.
- Pressure distribution on the surface of a dispersion cone valve. S.S. Pavlovskii. Gidrot. 37 no. 4:38-40 Apr '67.
- Reviews of the "Instructions on the design of navigation locks" SN-104-65. R.V. Straton. Gidrot. 37 no. 3:51-52 Apr '67.

626.4 (252, 24)—European Rivers

- At the construction sites of integral countries. U.G. Gromov. Mezh.dur. zhizn' 15 no. 7:142-143 '68.

626.8 Agricultural hydraulics

- Calculation of seepage in water outlets from reservoirs and canals. S.M. Gortanov. Vop.gidrot. no. 25:74-76 '68.
- Control of the salinization of irrigable soils [Bor'ba s zasoleniye oroshayemykh zemel']. Moskva, "Kolos," 1967. 221 p. (Vsesoyuz. akad. otkh. nauk izd. V.I. Lenin. Nauchnye trudy).
- Decreasing water permeability of loess soils. K. Taliev. Vop.gidrot. no. 25:57-62 '68.
- Diesel engines on irrigation systems. S. Guasini-Zade, F. Kuntze. Tekhn. sel'skhoz. 28 no. 4:3-12 '68.
- Land improvement science as a new subject. V.V. Egorov. Nauch. zhizn', vyz. slukh, izd. 11 no. 5:134-138 '68.
- Methods and equipment for static tests of thin-walled pipes under the action of soil. A.A. Salgarov. Vop.gidrot. no. 25:66-69 '68.
- New material for pipes used in closed horizontal drainage systems. I. Umarov. Vop.gidrot. no. 25:63-65 '68.
- Ovsyannikov, N.G. [Water resources - our wealth] Vodye resursy - naše bogatstvo. Moskva, "Sov. Rossiya," 1968. 127 p.
- Some research data on evaporation and transpiration in a cotton field irrigated by sprinkler and furrow methods. G.A. Akhmedov and others. Vop.gidrot. no. 25:24-32 '68.
- Some results of the sprinkler irrigation of cotton fields. R.A. Peresypkin. Vop.gidrot. no. 25:18-23 '68.
- [Telemechanization of irrigation systems] Telemekhanizatsiya iryigatsionnykh sistem. Frunze, "Ilim," 1967. 120 p.
- Water supply of cities of Central Asia and irrigation of their landscaped territories. D.M. Mambetov. Vop. i tekhn. no. 2:21-27 Apr '68.

626.8 (574)—Kazakh S.S.R.

- Balance of surface water bodies in the new irrigation region of the Golodnya Steppe. G.A. Khashimov. Vop.gidrot. no. 25:16-17 '68.
- Irrigating cotton fields through longer furrows under the conditions of Golodnya Steppe. I.L. Silvestrov. Vop.gidrot. no. 25:5-7 '68.

626.8 (675, 1)—Uzbek S.S.R.

- Possibility of using vertical drainage in the Bukhara Oasis. Kh.A. Kadyrov. Vop.gidrot. no. 25:6-10 '68.
- Studying evaporation from the surface of the Tuzbuz Reservoir. E.D. Cholsankulov. Vop.gidrot. no. 25:33-37 '68.

627 NATURAL WATERS AND CHANNELS. RIVER, PORT, HARBOR, AND COAST WORKS. DAMS

- General program for the fill use and the conservation of water resources in the U.S.S.R. S.N. Krikskii, M.F. Menkel. Trudy Gidropromkha no. 12:6-26 '64.
- Methods of plotting balance sheets for water supply engineering. S.N. Krikskii, M.F. Menkel. Trudy Gidropromkha no. 12:167-168 '64.
- Water costs money. I. Litovskii. ETG 10 no. 3:18-19 Apr '68.

627.1 Natural inland waters

- Estimating random fluctuation parameters of a river flow by the maximum probability method. E.G. Blokhinov. Trudy Gidropromkha no. 12:62-107 '64.
- Flood discharge during the construction of rock-fill dam. G.M. Kuzovlev, V.K. Luchina. Gidrot. 36 no. 4:24-26 Apr '68.
- Golitsyn, V.K. [Hydrological explorations of electric-power (transmission line routes) Gidrologicheskie izyskaniya trasz linii elektropereдачи. Moskva, "Energiya," 1968. 119 p.
- Interaction between a flow and its channel ground. N.A. Kuz'min. Trudy Gidropromkha no. 12:280-293 '64.
- Level fluctuations of closed inland water bodies. S.N. Krikskii, M.F. Menkel. Trudy Gidropromkha no. 12:29-31 '64.

- Mathematical description of the topography of a high mountain water drainage basin. A.I. Vitovtla, E.K. Sinavskii. Proble gidroenerg. i vod.khoz., no. 4:103-109 '68.
- New norms for calculation of maximum discharge when designing hydraulic river structures. A.L. Amerikova. Gidrot. 37 no. 4:31-32 Apr '67.
- Stochastic differential equations of river flow. V.A. Grigor'ev. Proble gidroenerg. i vod.khoz., no. 4:181-186 '68.
- Tagged particles. Their production and detection in the study of sediment movements. K.V. Ilychev. Gidrot. 37 no. 3:36-38 Apr '68.
- Use of hydraulic screening of turbulent streams in new types of sand and gravel traps. L.A. Valentin, T.I. Derlitska. Gidrot. 36 no. 4:47-49 Apr '68.
- Utilization and conservation of U.S.S.R. water resources. N.V. Barin, G.G. Gungorov. Gidrot. 37 no. 4:1-5 Apr '67.
- Work of the R.S.F.S.R. river regulation. A. Shabatov. Rech.transp. 26 no. 4:26-29 Apr '68.

627.1 (282, 25)—Asian Rivers

- Flow formation of the III and Black Irish Rivers. M.T. Kuznetsov. Proble gidroenerg. i vod.khoz., no. 4:107-111 '68.

627.1 (471, 328)—Mongolia A.S.S.R.

- Material on the characterization of the Ikhov and Mkhov Rivers as sources for water for agriculture. B.B. Shagolev, L.B. Shcheglova. Tekh. zap. MPR, no. 5:54-57 '67.
- Water-level sources, regulation and fish yield of the Ikhov River. A.I. Dushin. Tekh. zap. MPR, no. 5:58-59 '67.

627.1 (571, 11)—Kyrgyz Province

- Water balance of Kyrgyz Province. G.V. Melnikova, I.V. Kuratsevich, V.S. Mozyznev. Trudy Gidropromkha no. 12:33-37 '67.

627.1 (574)—Kazakh S.S.R.

- Flow formation of the III and Black Irish Rivers. M.T. Kuznetsov. Proble gidroenerg. i vod.khoz., no. 4:107-111 '68.

627.1 (575)—Central Asia

- Level of the Aral Sea in relation to increased water use in the basins of the Syr Darya and Amu Darya Rivers. A.E. Asanov. Trudy Gidropromkha no. 12:101-111 '64.
- Forecasting maximum water flow in rivers of Central Asia and reliability of their supplies. V.P. Svetitskii. Trudy Gidropromkha no. 12:132-137 '64.

627.2 Ports, harbors and coastlines. Coast and marine work

- All-Union Coordinating Conference on Calculating the Stability of National Hydraulic Structures. V.I. Khrushchev. Otkh. i tekhn. zhizn', 10 no. 4:11 '68.
- Method for manufacturing marked sand having short time luminousness for experimental experiments at night and day. J.U. Gulyayev. Dobrebnykh 11 no. 2:160-11 Apr '68.

627.2 (571, 12)—Tajikistan

- New transshipment port in Volokhsk. V. Kharayev, G. Guseinov. Rech.transp. 26 no. 4:41 Apr '68.

627.2 (576, 4)—Turkmen S.S.R.

- Port Zakhinov on the Kara Kum Canal. G. Shomlatovskii. Rech.transp. 26 no. 4:51 Apr '68.

627.3 Port installations, equipment. Dockyards, quays, etc.

- Calculation and modeling of anchor foundations. V. Ilyevskii. Rech.transp. 26 no. 4:38-41 Apr '68.
- Experience in wintering tanker cleaning, placing on shipways and shipment of petroleum cargoes. R. Truslanikov. Rech.transp. 26 no. 4:19 Apr '68.
- Justification of the optimal time coefficient for the use of piers for the loading and unloading of ships. Rech.transp. 26 no. 4:23-25 Apr '68.
- Technical information on new industrial equipment. A. Panafitin. Rech.transp. 26 no. 4:49 Apr '68.

627.4 Improvement of rivers, streams. Protection. Training works

- Full probability formula in the theory of river flow regulation. N.A. Karlovskii. Proble gidroenerg. i vod.khoz., no. 4:66-80 '68.
- Madorovskii, S.L., and A.M. Shapiro. [Electric equipment of hydraulic structures for navigation improvement] Elektrooborudovanie transportnykh gidrostruktur. Moskva, "Transport," 1967. 210 p.

627.5 Flood and coast protection works. Dikes. Draining and reclamation

- The Tenth International Conference on Coastal Structures. M.E. Plakida. Gidrot. 37 no. 4:54-55 Apr '67.

627.8 Dams. Large reservoirs and barrage dams. Hydraulic power plant works

- Accurate curves for the determination of the long-period component of reservoir capacity with consideration of the relation between discharges in adjacent years. I.V. Gulyai. Trudy Gidropromkha no. 12:108-104 '64.
- Advantages of using lightweight concrete with natural aggregates in hydraulic structures. A.A. Arakelian. M.G. Tor-Oganyan. Gidrot. 37 no. 6:28-28 Apr '68.

627.8 (571.53) [Continued]

Field investigation of the temperature deformations in concrete tanks of the Dnieper Hydroelectric Power Station as affected by varying low temperatures. V. N. Danchova. *Str. i stroit.* 37 no. 6:26-33 Je '67.
Linear expansion coefficient of massive concrete at various freezing temperatures. S. I. A. El'delman, V. R. Kozlov. *Izv. VNIIG* 64:158-170 '67.
Studying displacements and stability of the concrete dam at the Dnieper Hydroelectric Power Plant. P. D. Fedotkin, S. I. A. El'delman, L. P. Frackin. *Izv. VNIIG* 64:171-167 '67.

627.8(571.56)—Yakut A. S. S. R.

[Cohesive soil packing in the wintertime in the Far North. (Construction of the Vilnyu hydroelectric Power Plant dam)] Zimnaya ukladka svyaznykh gruntov na Kralnem Severe. (Stroitel'stvo ploity Vilyskoi GES). Moskva, "Energiya," 1968, 112 p. (Iz-ka gidrotekhnika i gidroenergetika. Vyp. 2.)

627.8(574)—Kazakh S. S. R.

Experience with a floating evaporation basin with a surface of 20m² at the Kengli reservoir. K. B. Shergina, V. P. Churayev. *Probl. gidroenerg. i vod. khoz.* no. 4:213-225 '66.
Seals in expansion joints of hydraulic structures of Kuznetsk and Irkutsk power plants. A. B. Gladyshev. *Gidrot. stroit.* 37 no. 10:14-18 O '66.

627.8(575.21)—Kirghiz S. S. R.

Hydraulic investigation of the hydroturbine block in a hydroelectric power plant with draft tubes at two levels. A. S. Abeyev, V. A. Solynskov. *Izv. VNIIG* 64:45-53 '67.
Studying hydraulic conditions of the operation of the Kapchagay Hydroelectric Power Plant. Sh. Ch. Usman, T. K. Akhmedov. *Probl. gidroenerg. i vod. khoz.* no. 4:237-251 '66.

627.8(575.3)—Tajik S. S. R.

Measurement of peak pressure in tunnels during the construction of the Nurek Hydroelectric Power Station. F. M. Pasternak. *Str. i stroit.* 37 no. 10:35-37 O '66.
Silt accumulation in Kayskum Reservoir. A. B. Melnikov. *Trudy Gidrotekhn. un.* 12:306-312 '64.

627.8(575.4)—Turkmen S. S. R.

General view of the channel below Tuz'-Mayra hydroelectric project. Shari Shukit Sokin. *Vop. gidr.* no. 25:93-97 '66.

627.8(575.4)—Northwest Africa, Egypt and Sudan

Some characteristics of hydrological calculations concerning the high Aswan Dam. M. V. Smolakov. *Trudy Gidroprom. i st.* 12:138-150 '64.

627.8 Coastal approach works. Marking. Signalling. Pilotage. Rescue

New system of light signals in the buoyage. M. Svetlov, I. Chernikov. *Ruch. transp.* 26 no. 4:33-37 Ap '68.

628 PUBLIC HEALTH ENGINEERING

[On guard against fire. Heroism of Soviet firemen] Na strazhe ognya. Geroicheskie budni sovetskikh pozharnykh. (Sbornik statei). Moskva, Stroizdat, 1967, 80 p.

Our objectives. A. I. Zhukov and others. *Vod. i san. tekhn.* no. 4:1-7 Ap '66.

Seminar on small water supply and sewerage systems. *Vod. i san. tekhn.* no. 2:40-41 F '66.

628(575)—Central Asia

Self-purification in Salir, Dzhu, and Karsakul'duk canal flows. O. S. Derimolov. *Vop. gidr.* no. 25:36-39 '65.

628.1 Water supply. Waterworks

Analytical presentation of flow shortages and waste under conditions of long-period regulation and two consumers with different requirements. V. A. Kiktrikov. *Probl. gidroenerg. i vod. khoz.* no. 4:102-116 '66.

Application of methods in the theory of random functions to water supply engineering. I. V. Dusalov, L. V. Sergeeva. *Probl. gidroenerg. i vod. khoz.* no. 4:3-28 '66.

Calculating the ratio of a ram-air pipe for large-diameter water conduit. V. M. Zaitsev. *Energomashinostroyeniye* 14 no. 4:42 Ap '68.

Choice of efficient operating regimes for pumps and pumping stations in a water supply system. V. P. Staritskiy. *Vod. i san. tekhn.* no. 4:28-32 Ap '66.

Combined systems. yes. G. Troitskiy. *NTO* 10 no. 3:20 Mr '68.

Composition of organic substances in the waters of reservoirs and rivers. A. D. Semenov and others. *Gidrotekhn. i mat.* 10:70-64 '62.

Computer analysis of the joint operation of installations in a water supply system. P. D. Khromizhii. *Vod. i san. tekhn.* no. 6:19-23 Je '67.

Computer calculation of water supply systems. I. P. Minulina, E. M. Gal'perin, E. M. Glazunov. *Vod. i san. tekhn.* no. 4:22-27 Ap '66.

Constructing a water well in peat. E. V. Makharov. *Osn. i fond. i stroit. i tekhn.* 10 no. 2:29-30 '68.

Determination of carbonic acid compounds in natural water. I. K. Apell'sta, M. E. Sorkin. *Vod. i san. tekhn.* no. 6:23-28 Je '67.

Device for the repair of butt joints with rubber seals. N. E. Pomkin. *Vod. i san. tekhn.* no. 7:36-38 Ji '67.

Experimental investigation of washing away the ice from the pipelines with help of water. I. U. A. Popov. *Vod. i san. tekhn.* no. 5:8-12 My '62.

Formulae for the determination of head loss in metal screens. I. U. M. Kuz'min. *Vod. i san. tekhn.* no. 2:27-29 F '66.

Graphic determination of the alkali dosage necessary for the formation of a film in pipes. L. D. Balashov. *Vod. i san. tekhn.* no. 5:17-18 My '65.

Instruction on cost illustrations among the components of a complex water project. V. P. Zakharov. *Probl. gidroenerg. i vod. khoz.* no. 4:201-202 '66.

Knuckle joint compensation device for pipelines. L. D. Balashov. *Vod. i san. tekhn.* no. 5:35-36 My '66.

Methods for efficient use of water resources in irrigated and semidesert conditions. S. Sakharov. *Probl. gidroenerg. i vod. khoz.* no. 4:38-40 '66.

Design principle for pressure-regulating installations. *Vod. i san. tekhn.* no. 4:32-35 Ap '66.

Operation of filter stations using alternating speed. M. N. Sysoyev and others. *Vod. i san. tekhn.* no. 2:23-27 '68.

Performance of systems of artificial increase of ground waters. M. Sakhmurov. *Probl. gidroenerg. i vod. khoz.* no. 4:148-151 '66.

Simplified method for the distribution of water from a reservoir among consumers with different requirements. M. T. Vagapov, L. D. Lavrent'eva. *Probl. gidroenerg. i vod. khoz.* no. 4:148-151 '66.

Use of chlorine for water desalination by the hydraulic method. V. I. Kostuk, V. N. Kuznetsov, T. A. Levashuk. *Vod. i san. tekhn.* no. 5:15-17 My '66.

Use of the integral equation method for the calculation of long-period flow for two consumers with different requirements. V. A. Kiktrikov. *Probl. gidroenerg. i vod. khoz.* no. 4:81-101 '66.

Use of thin-wall pipes in sanitary engineering systems. A. K. Gellings. *Vod. i san. tekhn.* no. 6:11-19 Jr '67.

Water conservation. I. Ust'govskii. *NTO* 10 no. 3:18-19 Mr '68.

Water pollution standards. 2761-67. I. V. Korovin. *Vod. i san. tekhn.* no. 7:28-30 Ji '67.

628.1(471.310)—Moscow City

Automating coagulant preparation and dosing process in northern waterworks. (U. B. Baginskiy, I. K. Bikkenn. *Vod. i san. tekhn.* no. 2:31-32 '68.

628.1(471.312)—Tula Province

Construction and operation of water intakes from fine sand deposits in Tula Province. V. A. Shchetkin. *Vod. i san. tekhn.* no. 2:27-31 '68.

628.1(475.22)—Georgia S. S. R.

Chemical composition of water in the Tbilisi Reservoir. A. D. Semenov, T. A. Pisatolska. *Gidrotekhn. i mat.* 16:12-14 '68.

628.1(571.12)—Tyumen Province

Statistical parameters of the monthly average flow rate of the Tyumen River. S. D. Polosov. *Trudy Omsk. un.* 65 no. 3:44-49 '67.

628.1(575)—Central Asia

Water supply of cities of Central Asia and irrigation of their developed territories. D. M. Mendeleev. *Vod. i san. tekhn.* no. 2:24-27 F '66.

628.2 Sewerage. Sewers

Choice of an efficient size for a waste water collector. M. P. Pankov. *Probl. gidroenerg. i vod. khoz.* no. 4:144-147 '66.

628.3 Sewage. Purification, etc.

Automatic control of the sewage purification process in synthetic fiber plants. D. N. Semenov, N. D. Manasova, B. N. Vasil'ev. *Vod. i san. tekhn.* no. 5:1-4 My '66.

Biological purification of waste water containing synthetic surface-active matter. N. A. Lukinykh and others. *Vod. i san. tekhn.* no. 6:31-34 Je '67.

Catalyzer activity in waste water purification. N. I. Drozinov, V. P. Mulev. *Gidrotekhn. i tekhn. prom.* 21 no. 11:1 '68.

Charging filters with sand. N. L. Babichuk, V. P. Ushakov, A. I. Rabinovich. *Gidrotekhn. i tekhn. prom.* 21 no. 11:19-20 '66.

Decomposition of phenol mixture in natural water. (modeling). V. T. Kaplin, L. V. Semendchenko, L. G. Ivanov. *Gidrotekhn. i mat.* 45:199-202 '68.

Determination of the general capacity of absorption of some clay minerals. L. E. Lobcherko, G. A. Solomov. *Gidrotekhn. i mat.* 45:130-135 '68.

Effect of formaldehyde on processes of the self-purification of natural waters. L. P. Sokolova, V. T. Kaplin. *Gidrotekhn. i mat.* 46:220-225 '68.

Experience in the operation of a sludge storage pond. A. P. Pavlovich. *Vod. i san. tekhn.* no. 5:34-35 My '65.

Hydrocyclones used for the removal of scale from the waste water of milling plants. I. V. Skirnov, V. G. Peromarov. *Vod. i san. tekhn.* no. 5:5-6 My '66.

Installation for sand trapping during purification of waste waters. S. V. Iakovlev, V. I. Kalishev. *Vod. i san. tekhn.* no. 7:31-33 Ji '67.

Ionization method for checking water composition. M. T. Dmitriev, N. A. Kitrooskiy. *Vod. i san. tekhn.* no. 7:24-25 Ji '67.

Laboratory apparatus for the study of methane fermentation. L. D. Tranchit. *Vod. i san. tekhn.* no. 5:30-37 My '68.

Method of calculating the sludge drying process in mud basins. N. M. Verigin, V. G. Litvinov. *Vod. i san. tekhn.* no. 6:28-32 Je '67.

Micro-organisms participating in the purification of petroleum-containing waste water. V. N. Shaposhnikov, Z. A. Arkad'eva, E. I. Kozlov. *Nauch. dokl. vya. shkoly. biol. nauk* 11 no. 5:220-222 '66.

Nekrasov, L. I., and O. K. Nikolayeva. (Purification of sewage waters in enterprises of the dairy industry). *Ochistka stochnykh vod predpriyati mlachnolivnits. Moskva, 1967, 28 p.*

[MICROFILM]

Role of hydroxide in self-purifying natural waters of heavy metals. G. A. Solomov, T. O. Ginzburg. *Gidrotekhn. i mat.* 46:117-119 '68.

Self-purification of acid mine waters (iron heavy metal natural conditions). G. A. Solomov and others. *Gidrotekhn. i mat.* 46:156-157 '68.

Study of ion exchange in clay minerals. Report. Adsorption of Ba²⁺. L. E. Lobcherko, G. A. Solomov. *Gidrotekhn. i mat.* 46:116-142 '68.

Study of the composition of andon synthetic ear models of waterfalls. V. T. Kaplin, L. S. Solomov, A. S. Kosogova. *Gidrotekhn. i mat.* 44:119-125 '68.

Synthetic detergents and their effect on the block purification process of sewage in aerating tanks. Bolotina, O. I. Ivanova, O. V. Ivanova. *Vod. i san. tekhn.* no. 2:31-36 F '66.

Technological evaluation of the performance of an equipment. S. I. Iakovlev, T. A. Karukhina. *Vod. i san. tekhn.* no. 4:36-38 Ap '66.

628.3(471.45)—Volgograd Province

Self-purification of the Sarzha River. V. I. Kaplin, L. V. Polyakova. *Gidrotekhn. i mat.* 45:204-219 '68.

628.3(477.6)—Donets Basin

Some data on mine waters containing mercury in southeastern part of the Donets Basin. A. G. Ikonnikov. *Gidrotekhn. i mat.* 46:57-63 '68.

628.5 Industrial sanitation, nuisances

Collecting waste water from pump gaskets. M. K. Khismatdinov. *Nekopir. i polikopir.* no. 4:38 '68.

Comparative study of intracellular distribution of cyanine in the liver and spleen of white mice. V. G. Vladimirov. *Radionuklidy* 8 no. 2:61 Mr-Apr '68.

Dust removal from lathes during the machining of cavity walls of parts. V. V. Morzhov. *Vod. i san. tekhn.* no. 7:34-35 Ji '67.

Effect of radioprotectors on blood coagulation process in guinea pigs with acute radiation sickness. O. V. Polubny. *Radionuklidy* 8 no. 2:318-319 Mr-Apr '68.

Effect of surface-active substance additives on the dust trapped by electric filters. N. A. Ch. Tsomoni. *NTO* 10 no. 3:7-8 Jr '67.

Industrial electric interferences in underground mines. V. M. Staritskiy, O. K. Vinogradov. *Vop. rozn.* no. 7:170-178 '68.

Methods for reducing effluents dust formation in rock lines. B. S. Al'ala, S. N. Gagarova. *Tsoment* no. 3:17-18 My-Ju '68.

Modern methods of measuring fan noise. N. N. Se. *Vod. i san. tekhn.* no. 5:22-27 My '66.

Posttranslational translocation of the bone marrow tumor donors. I. N. Gotsvalitov, *Radionuklidy* 8 no. 2:268-274 Mr-Apr '68.

Prevention of dust escape from crushers and grinders. *Tsoment* 34 no. 3:13-14 My-Ju '68.

Prevention of air and radioactive from the contact of coke chemical plant discharges. V. I. Dait, I. Rakhkevich. *Khm. tekhn.* no. 7:181-185 '67.

Reducing the noise caused by vibrators at precast concrete plants. M. N. Gornovets, V. F. R. Vekhlitov. *NTO* 10 no. 4:13-21 Ap '68.

Scientific and technical seminar on return water in industry. *Vod. i san. tekhn.* no. 7:40-41 Ji '67.

Unsolved problems of dust collection. A. A. Oshin, N. A. Olesov. *Tsoment* 33 no. 1:5-6 Jr-F '67.

Vibration (mechanical) apparatus for air blowers. *Stal. i tekhn.* 28 no. 2:26-29 F '67.

628.6 Drainage, sanitary installations of buildings. New models of sanitary engineering equipment and fittings. *Vod. i san. tekhn.* no. 2:34-35 F '66.

Sanitation technology at the Moscow International Cereal Exhibition. *Vod. i san. tekhn.* no. 2:36-39 F '66.

628.8 Indoor climate engineering

Calculating the heat for air conditioning in mines under dry conditions. A. M. Ivanov. *Stal. i tekhn.* 12:17-18 Ap '68.

Effect of heat supply by film engine and boiler deposits. M. E. Oshin. *On the power indices of air conditioner during air merchant ships.* V. M. Samokhina. *NTO* 10 no. 5:13-14 My '68.

Fifth Czechoslovakian Conference on Heating and Ventilation in Industrial Buildings. *Vod. i san. tekhn.* no. 4:41 My '68.

Indoor climate characteristics and loading capacity. *Vop. rozn.* no. 3:81 Mr '68.

Sanitation as a test in an experimental chamber. E. Manasova. *Vod. i san. tekhn.* no. 4:15-22 Ap '65.

Using the system of direct evaporation in air conditioning. N. M. Mal'kov. *Tekhn. i org. prom.* no. 3:24-26 Jr '68.

628.9 Illuminating engineering

A device for a lighting engineer. G. A. Osinskii. *Vop. rozn.* no. 3:81 Mr '68.

Graphic method of devising natural lighting for buildings through ceiling lights. A. M. Codin. *Trudy NII* no. 2:68-69-170 '66.

[Norms for artificial lighting of shipbuilding enterprises and enterprises manufacturing machinery and precision instruments] Normy iskusstvennogo osveshcheniya predpriyati mashinostroyeniya, tochnogo priborostroyeniya i stroitelstva. *Utv.* 22/VI 1960 g. s. izm. of 25 I 1965 g. Izd. 2-ye, 1-ye izd. Moskva, "Mashinostroyeniye," 1967, 71 p.

1. **Parts, equipment of vehicles or crabs.** Modernization of echo sounding devices. N. Bashmakov, N. Beliaev, Rech. transp. 26 no. 4:42-43 Ja '68.
2. **Norms for the position of light signals on a ship.** D. Zemlianovskii, Rech. transp. 26 no. 4:45-46 Ap '68.
3. **Quality control of working lubricants in internal combustion engines on ships.** T. Kurtyanova, Rech. transp. 26 no. 4:33-34 Ap '68.
4. **Shock absorbers with solid working substance.** Tokh. i org. proizv. no. 3:114 My-Ju '68.
5. **Land and road vehicles.** An effective method of training drivers. IU. Serchakov, Tyi i srab. Sov. Vost. Sil 28 no. 1:26-27 Ja '68.
6. **Goldovskii, I. A., I. V. Zaitsev, and O. M. Lavrov.** [Motor trucks of high roadability.] Gruzyovye avtomobili vysokoi prokhodimosti. (GAZ-86, ZIL-131, Ural-375). Moskva, Voenizdat, 1968. 400 p.
7. **Standardization of the electric drive of drive axles as a way of solving transportation problems.** N. G. Dumitrovskii, M. M. Sribner, V. V. Sigellin. Stand. i tech. 32 no. 1:21-22 Ia '68.
8. **Mechanically propelled (motor) vehicles. Automobile engineering.** Angle of turn of tractor leading wheels when the differential gear interlock is disengaged. L. I. Butankov, Trakt. i sel'khozmasb. no. 3:18-20 Mr '68.
9. **Apparatus for the study of the operating modes of the TBT-75 rubber skidding tractor.** G. M. Anisimov and others, Trakt. i sel'khozmasb. no. 3:19-21 My '68.
10. **Automobile sport for the past 50 years.** I. Afanas'ev, Avt. transp. no. 10:44-45 O '67.
11. **Basic reliability indicators of tractors and tractor elements.** R. V. Kugel' and others, Trakt. i sel'khozmasb. no. 3:1-4 Mr '68.
12. **Calculating and analysis of the charging resources in the automotive electrical equipment system.** III. M. Gaikin, Avt. prom. 27 no. 7:24-29 Ji '61.
13. **Calculating hydraulic drive in coupling.** P. I. Lukin, Avt. prom. 27 no. 7:12-14 Ji '61.
14. **Calculation of the life of timber hauling truck springs based on given statistical characteristics of the road surface profile.** B. U. Gusev, S. I. Biluk, B. V. Nijak, I. A. Buzin, I. I. Ponomarev, no. 3:11-13 Mr '68.
15. **Clutch design in foreign tractors.** S. G. Borlanov, Trakt. i sel'khozmasb. no. 3:45-48 Ji '68.
16. **GAZ-51 self-propelled amphibious tank truck.** A. E. Volkova, Stroitel'stvo mash. 11 no. 5:30 My '60.
17. **Designing self-propelled tractor frames.** S. S. Kholodchenko and others, Trakt. i sel'khozmasb. no. 3:11-13 Mr '68.
18. **Determination of the angular velocity of terminal skidding of a clutch, and the design of engine flywheels.** R. V. Virabov, Trakt. i sel'khozmasb. no. 2:14-16 F '68.
19. **Determination of the optimum combination of engine and hydraulic transmission characteristics with the aid of an analogue computer.** A. M. Lyum, I. A. Vagacov, Nenechirova, Trakt. i sel'khozmasb. no. 3:7-10 My '68.
20. **Developing powder metallurgy technology in the motor vehicle industry.** V. V. Saklinskii, Avt. prom. 27 no. 7:38 Ji '61.
21. **Device for determining the efficiency of gear pumps of tractor hydraulic systems.** V. I. Muirich, IU. N. Petrov, A. S. Bukt, Trakt. i sel'khozmasb. no. 3:15-17 My '68.
22. **Dynamic loads on the body of MAZ-525 high-capacity dump trucks in open-pit mines.** K. P. Dolonnikov, V. M. Popov, V. P. Shubnov, Stroi. i GD (Sverd.) no. 13:58-65 '66.
23. **Dynamometric stand with running rollers for testing high-power wheeled tractors.** A. B. Gredetov and others, Trakt. i sel'khozmasb. no. 2:18-20 F '68.
24. **Effect of turboresonance of the MAZ-236 engine on the thermal stress of the piston and exhaust valve.** B. A. Vzorov, Avt. prom. 27 no. 7:3-6 Ji '61.
25. **Efficiency of using tractor trunks at the Sverdlovsk Mine.** M. V. Vasil'ev and others, Stroi. i GD (Sverd.) no. 13:51-57 '66.
26. **Enin, A. A.** [Electronics in motor vehicles.] Elektronika v avtomobile. Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Transport." 4).
27. **Equipment mounted on heavy-duty crawler tractors.** A. A. Saifonov, Gidr. i stroit. 37 no. 1:47-49 N '60.
28. **Estimation of the durability of fretting elements of a tractor clutch assembly according to data obtained on a test stand.** I. B. Barskii, IU. K. Kolobii, I. M. Kagit, Trakt. i sel'khozmasb. no. 3:15-17 Mr '68.
29. **Experience in improving the durability of the OdaZ-886 semitrailer suspension system.** S. S. Dmitriev and others, Avt. prom. 31 no. 2:20-21 F '68.
30. **Experimental investigation of the ventilation of the G-250 a.c. generator used in motor vehicles.** V. F. Akkacov and others, Avt. prom. 34 no. 2:22-23 F '68.
31. **From the experience of using cast-iron crankshafts.** A. P. Shurygin, Avt. prom. 27 no. 7:8-9 Ji '61.
32. **Gurevich, A. M., and E. M. Sorokin.** [Tractors, motor vehicles, and agricultural vehicles.] Traktory, avtomobili i sel'skokhoziaistvennyye dvigateli. Moskva, "Kolos," 1967. 336 p. (Uchebnyi i ucheb. posobie dlia vyssh. s. kh. ucheb. zavedenii).
33. **Improving the balancing of propeller shafts.** A. S. Sil'kin, A. N. Kleitor, Avt. prom. 34 no. 2:27 F '68.
34. **Increasing the reliability of hydraulic-pneumatic and pneumatic springs.** N. N. Makimov, Avt. prom. 27 no. 7:19-20 Ji '61.
35. **Investigating characteristics of calibrated apertures in shock absorbers.** A. D. Durbaremler, Avt. prom. 27 no. 7:15-18 Ji '61.
36. **Joint operation of the hydro-mechanical transmission of a truck tractor and of the electrical transmission of the tractor link in a tractor train.** M. P. Atiingenov and others, Avt. prom. 34 no. 2:6-8 F '68.
37. **Kirukhin, A. M.** [Realization of a dream.] Voprosyshchenno mechi, Moskva, "Znanie," 1967. 88 p. (Nar. un-t. S. kh. fak. 12).
38. **Knock-out devices in forgings and dies in punching on crank die forging presses.** E. N. Ermolov, V. K. Chesanov, IU. P. Volk, Avt. prom. 27 no. 7:36-37 Ji '61.
39. **Kobylanski, L. I.** [Refrigerated motor trucks.] Avtomobil'no-tekhnicheskii. Moskva, "Transport," 1968. 121 p.
40. **Level of technical parameters in prospective types of industrial tractors.** I. A. Evzerova and others, Trakt. i sel'khozmasb. no. 3:4-5 Mr '68.
41. **Method of determining the tangential rigidity of tires.** IU. A. Uchevskov, O. I. Karuzla, Avt. prom. 27 no. 7:21-22 Ji '61.
42. **Methodology for designing brake brakes.** A. F. Maschenko, Avt. prom. 31 no. 2:13-15 F '68.
43. **Motor vehicle construction in the U. S. S. R. for the past 50 years.** D. Veltikov, Avt. transp. no. 10:24-31 O '67.
44. **[Motorbuses. Bibliographical index. Compiled by materials for 1965-1966.] Avtoobusy. Bibliogra. ukazatel'. Sost. po materialam za 1965-1966 gg. Moskva, [MIRAvtoprom], 1967. 174 p.**
45. **[Motorbuses. Bibliographical index. Compiled on basis of materials for 1965-1966.] Avtoobusy. Bibliogra. ukazatel'. Sost. po materialam za 1965-1966 g. Moskva, [MIRAvtoprom], 1967. 174 p.**
46. **New pressure control valve in a centralized system regulating air pressure in motor vehicle tires.** V. I. Pavlov, I. C. Bely, I. A. Oletzer, Avt. prom. 27 no. 7:22-24 Ji '61.
47. **1967 American motor vehicles.** G. I. Samoil', Avt. prom. 31 no. 2:36-40 F '68.
48. **Operating conditions, loading and durability of brakes in automobiles in mountainous regions.** B. I. Gendlov and others, Avt. prom. 34 no. 2:11-19 F '68.
49. **[Operation and repair of trolleybuses.] Eksploataatsia i remont trolleybusov. Pod obshch. red. V. A. Popova. 2-ye izd., pererabot. i dop. Leningrad, Stroitel'stvo, 1968. 398 p.**
50. **Optimum sequence in switching electromechanical clutches in automatic gear boxes.** N. A. Lenise, Avtomobil'noe proizv. i rem. no. 1:18-20 O '67.
51. **Organizing and planning the repair of high-capacity dump trucks.** E. P. Ponomarev, Stroi. i GD (Sverd.) no. 13:60-69 '66.
52. **Painting with heated enamel in an electric hotel.** A. G. Skapovalov, N. A. Mikhalev, Avt. prom. 27 no. 7:39-40 Ji '61.
53. **Parameters of lumber hauling tractors.** M. V. Bakatin, N. M. Litvinchuk, Les. bum. i der. prom. 10 no. 4:120-124 '67.
54. **Predicting the reliability of feeding systems of motor vehicle engines.** G. I. Pokrovskii, V. V. Konchikov, Avt. prom. 34 no. 2:1-4 F '68.
55. **Project of a new forging shop.** A. M. Mansurov, Avt. prom. 27 no. 7:32-36 Ji '61.
56. **Projection welding in the automobile industry.** A. I. Galtsev, V. A. Kishchuk, Avt. prom. 34 no. 2:28-30 F '68.
57. **Rail traction force of an agricultural tractor.** A. P. Parfenov, Trakt. i sel'khozmasb. no. 2:4-7 F '68.
58. **Repair automobiles skidability.** A. Kornienko, Tyi i srab. Sov. Vost. Sil 28 no. 1:73-80 Ja '68.
59. **The repair industry.** M. Pavlov, Tyi i srab. Sov. Vost. Sil 28 no. 1:81-86 Ja '68.
60. **Selecting coupling buffers for trucks.** IU. G. Stofanovich, Avt. prom. 27 no. 7:10-11 Ji '61.
61. **Selecting parameters of wheel control systems for long-base trailers and semitrailers.** G. D. Tselilo, I. V. Korchevskii, N. A. Ponomarev, Avt. prom. 34 no. 2:24-26 F '68.
62. **Skidding of driving wheels of motor vehicles on soft-surface highways.** B. I. Krasnikov, Avt. prom. 27 no. 7:6-8 Ji '61.
63. **Special features of the design of automobile gas turbine engines.** III. I. Freiman, I. A. Spasche, Izv. AN SSSR, Lening. i transp. no. 2:40-47 Mr Ap '68.
64. **Statistical study of the vertical dynamics of a connected system.** B. G. Gantsev, N. I. Biblik

629.123 Sea or ocean going vessels and ships
Study of the use of boats on estuary ships. G. M. Izrael'skiy, L. I. Buzin, S. I. Kuznetsov. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 1, 1965.

Vlasov, G. A., S. D. Akseil'rod, and L. I. Isakov. [Automatic control and instrumentation in marine power plants] Avtomatika i kontrol'no-izmeritel'nye pribory sudovykh silovykh ustanovok. Moskva, "Transport," 1967. 195 p.
[Water transportation] Ref. zhur.: Vod. transp. nos. 5-7, My, Ji '68.

629.123(267.5)—Red Sea
Why are ships blocked in the Red Canal? V. Parkhomenko. "Mirovaia zhizn'" 15 no. 7:151 '68.

629.124 Special types of vessels or craft
Operations of an inland icebreaker in coastal sea ice. V. Smirnov. Rech. transp. 26 no. 4:47-48 Ap '68.
Inshore-operated catamaran for tourists. V. Pechentuk. Rech. transp. 26 no. 4:59 Ap '68.

629.125 Sports and other small craft. Yachts. Boats
Kurlov, T. A., and M. I. A. Cherenkov. [Manual for operators of motorboats and launches] Posobie voditel'nykh motorov i dach. Izd. 3-e, pererabot. i dop. Moskva, "Transport," 1967. 180 p.
Ukrainian yachts. A. P. Kuznetsov, K. K. Mandel'son, V. I. Sotnik. "Sudostroyeniye" 51 no. 5:12-17 My '61.
Preparing a sail. N. Lobashkov. Voen. znan. 44 no. 6:46-47 Jo '58.

629.127 Submarines. Underwater craft
Submarine laboratory "Sukhoi-2." A. V. Maier, V. E. Pribus, A. V. Ignatov. Sudostroyeniye 51 no. 5:11-13 My '61.

629.127(261.3)—Baltic Sea, with Gulfs
Submarines in the ice of the Gulf of Finland. I. A. Bykhovskii. Sudostroyeniye 51 no. 5:73-74 My '61.

629.128 Docks. Dockyards
Equipment for the repair of the ship propulsion steering complex on ships. L. N. Borovkov, S. Sukhodin. Rech. transp. 26 no. 4:26-27 Ap '68.

629.128(471.11)—Archangel Province
Organization of the "zero stage" in ship repairs from practice of the Leningrad Shipyard. A. G. G. Rech. transp. 26 no. 4:29 Ap '68.

629.13 Aeronautical engineering. Aircraft
Across countries and continents. I. Malanchov. Grazhd. av. 25 no. 6:30 Jo '68.
The "Aerokhem" satellite for communication with airplanes. N. P. Svyazov. Grazhd. av. 25 no. 6:30 Jo '68.
[Aircraft and rocket engines] Ref. zhur.: Av. i rak. dvig. nos. 8-7 Jo, Ji '68.
Alkylating acid soils. E. Kozlov. Grazhd. av. 25 no. 6:29 Jo '68.
Biopiles during clear weather. I. G. Pechenko. Grazhd. av. 25 no. 6:26 Jo '68.
Flight safety above all. E. Kurkovskii. Grazhd. av. 25 no. 6:4 Jo '68.
Great-grandson of a mullein. V. Danilenko. Grazhd. av. 25 no. 6:9 Jo '68.
How do we take off? V. Uskov. Grazhd. av. 25 no. 6:22 Jo '68.
Muscles during flights. Grazhd. av. 25 no. 6:24 Jo '68.
Method of flow-line airplane repair by components. V. Puskhin. Av. i kosm. no. 5:55-58 My '68.
Overgrowth record. P. Zakharov. Grazhd. av. 25 no. 6:20 Jo '68.
Pages of a biography. I. U. Platinov. Grazhd. av. 25 no. 6:8 Jo '68.
Which sky is more important? Grazhd. av. 25 no. 6:27 Jo '68.

629.132 Lighter-than-air craft
Prospects for the use of dirigibles in power industry constructions. N. A. Il'inskiy, G. V. Il'mit'ev. Glub. stroit. 37 no. 4:46-48 Ap '67.

629.135 Heavier-than-air craft
Another "TU." S. Yger, A. Shengardt. Grazhd. av. 25 no. 6:14 Jo '68.
Automatic control systems on board airplanes. S. Belogorodskii. Grazhd. av. 25 no. 6:20-21 Jo '68.
Combustion planes of vertical takeoff and landing. S. Starostin. Av. i kosm. no. 5:92-95 My '68.
Why does not justify Pentagon expectations. V. Dubrov. Av. i kosm. no. 5:89-91 My '68.
Health service for aviators. A. Kravitsov. Grazhd. av. 25 no. 6:7 Jo '68.
Fla in the service of the country. S. N. Ushin. Av. i kosm. no. 5:6-11 My '68.
Where the curve will take you. V. Gol'isov. Grazhd. av. 25 no. 6:19 Jo '68.

629.135 ASTRONAUTICS. SPACE VEHICLES AND STATIONS. ARTIFICIAL SATELLITES
Approximate computation of the ephemeris of a satellite. G. N. Nersisyan. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:26-29 Jo '61.
Dangers and flight safety. V. I. Kell. Av. i kosm. no. 5:58 My '63.
Computation of ephemerides for the satellite "Amn-1-1" and for the satellite-launching rocket of the "Echo" satellite. I. A. Kell. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:29-31 Jo '61.
Device for automatic prediction of satellite passages over a given point. V. S. Lantov. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:22-23 Jo '61.
Device for the computation of ephemerides of artificial earth satellites. V. A. Vorontsov. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:15-16 Jo '61.
Graphic method for predicting artificial earth satellite flights with a circular orbit. V. A. Vorontsov, D. M. Pershin. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:18-20 Jo '61.
Landing on a cosmodrome. Sh. Korovskii. Av. i kosm. no. 5:54-56 My '68.
Libration points of the Earth-Moon system. A. Kondratyuk. Av. i kosm. no. 5:71 My '68.
A life for the motherland. Grazhd. av. 25 no. 6:10-11 Jo '68.
Life full of exploits. A. Nikolaev. Av. i kosm. no. 5:15-15 My '68.
Metals for space flight. Sh. Korovskii. Av. i kosm. no. 5:57-70 My '68.
Precomputation of the flights of artificial earth satellites with a circular orbit by means of a stereographic net. P. M. Pershin. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:15-18 Jo '61.
[Rocket building] Ref. zhur.: Rak. stroit. nos. 8-7, Jo, Ji '68.
Satellite communications serve the national economy. Av. i kosm. no. 5:16-20 My '68.
Sensory system for testing optical instruments for observation of the sun. L. P. Mikhaylov. Fiz. i tekhn. eksp. 11 no. 1:11-13 Jo '61.
Simple method for computation of the ephemeris for satellites with an inclination less than the latitude of the observation point. D. I. Krasov. Izv. Vsesoyuzn. nauch. issled. tsentr. 14 no. 4:24-26 Jo '61.
[Space research] Ref. zhur.: Issl. kosm. prostr. nos. 1-2 Jo, F, nos. 4-6 Ap, Ji '67, no. 3 Mr, nos. 6-7 Jo, Ji '68.

629.19(471.12)—Vologda Province
[Astronomy in Vologda] Kosmosy v Vologde. [Vologda, 1966] 23 p. (chiefly illus.)
[MICROFILM]

63 AGRICULTURE. FORESTRY. STOCKBREEDING. ANIMAL PRODUCE. HUNTING. FISHERIES
About the time and about himself. K. A. Todorov's statements. Zemel'del'c 30 no. 6:71-73 Jo '68.
Acceptance of agricultural products on consignment. A. Prykov, S. Mikhov. Sov. potekh. koop. 12 no. 3:58 Ap '68.
Achievements of agricultural science and production. A. Zeldov, V. Mol'nikov. Ekonom. sel'khoz. 43 no. 3:119-121 '68.
[Agricultural literature of the U.S.S.R.] Sel'khoz. lit. SSSR nos. 0-7 '68.
[Agriculture: classified index of articles in foreign periodicals] Sel'khoz.; stat. ukaz. st. v inostr. zhur. nos. 0-7 '68.
Alkylating acid soils. E. Kozlov. Grazhd. av. 25 no. 6:29 Jo '68.
Agricultural sessions, conferences and meetings. E. Kozlov. Ekonom. sel'khoz. 43 no. 3:125 '68.
Bogdanov, V. O. [Incentives and guidance in agricultural production] O stimulyakh i rukovodstve sel'skokhozyaistvennogo proizvodstva. Evron, "Mikh", 1967. 119 p.
[Business accounting and incentives in agriculture] Khozraschet i stimulirovaniye v sel'skom khozyaistve. Pod red. A. M. Emel'yanova. Moskva, Izd. Mosk. un-ta, 1968. 244 p.
Kolobkov, M. N. [Ores from eastern regions of the U.S.S.R. (important to agriculture) Agrochemicheskie rudy vostochnykh rayonov RSFSR. Moskva, "Nedra," 1968. 65 p.
[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. rol. 12 no. 7 Ji '68.
Overgrowth record. P. Zakharov. Grazhd. av. 25 no. 6:20 Jo '68.
Poljakova, N. A. [A strict plan for state deliveries and how the economy benefits by it] Tverdyi plan zagotovok i ego na fakte khozyaistva. Moskva, Politizdat, 1967. 64 p.

63(211)—Cold frigid regions
Kosmorlov, V. A., and T. I. Volinova. [Agricultural crops in the North (Jorualet arctic). Results of experimental and production tests] Sel'skokhozyaistvennyye kul'tury na Severe (topinambur). Ragi opytnykh i proizvodstvennykh rabot. Syktyvkar, Kom. kn. izd., 1969. 45 p. (Akademiya nauk SSSR. Kom. filial. Syktyvkar. Trudy, no. 17, pt. 1).

63(44)—France
Markov, A. P., and M. A. Pavlova. [Agriculture in France] Sel'skoe khozyaistvo Francii, 1945 - 1965 gg. [Moskva, "Nauka," 1968] 272 p.

63(471.1)—Northern R. S. S. R.
In the Committee on the Problems of the North attached to the Presidium of the All-Union Academy of Agricultural Sciences, elected after V. I. Lenin. A. P. Tikhonov. Probl. Sev. no. 13:281-284 '60.
Main trends in developing agriculture and gaining progress in the northern part of the U.S.S.R. A. P. Tikhonov, V. N. Anisimov. Probl. Sev. no. 13:7-37 '61.
Regulation of the enlarged bureau of the Committee on the Problems of the North attached to the Presidium of the All-Union Academy of Agricultural Sciences, elected after V. I. Lenin, as of May 10, 1967. Probl. Sev. no. 13:285-290 '68.

63(471.314)—Vladimir Province
Use subsidiary industrial move folio. A. Romanov. Ekonom. sel'khoz. 43 no. 4:27-33 '68.

63(471.344)—Chuvash A. S. S. R.
Five-year plan in four years. V. Svoboda, V. Barbaev. Ekonom. sel'khoz. 43 no. 4:102-103 '68.

63(4771)—Ukrainian S. S. R.
Achievements of the V. I. Lenin Collective farm. S. Onopriukha. Ekonom. sel'khoz. 43 no. 4:70-74 '68.
Develop a highly efficient livestock farming. I. Belyuk. Ekonom. sel'khoz. 43 no. 4:81-87 '68.

63(470.25)—Armenian S. S. R.
A city named after the October Revolution. Prostr. 51 no. 11:49-50 '67.

63(47)—Asiatic U. S. S. R.
In the Committee on the Problems of the North attached to the Presidium of the All-Union Academy of Agricultural Sciences, elected after V. I. Lenin. A. P. Tikhonov. Probl. Sev. no. 13:281-284 '60.
Main trends in developing agriculture and gaining progress in the northern part of the U.S.S.R. A. P. Tikhonov, V. N. Anisimov. Probl. Sev. no. 13:7-37 '61.
Regulation of the enlarged bureau of the Committee on the Problems of the North attached to the Presidium of the All-Union Academy of Agricultural Sciences, elected after V. I. Lenin, as of May 10, 1967. Probl. Sev. no. 13:285-290 '68.

63(571)—Ablite R. S. S. R.
Changes in the geography of agriculture in the Abkhaz region in the pre-revolutionary period. Arkh. zap. Irk. gos. ped. inst. no. 24 pt. 2:101-117 '67.

63(591)—Burmia
[Agriculture of Burma] Zemledel'c Burmy. Pod red. N. D. Naim'ina. Moskva, "Kolna," 1967. 174 p. (DINA)

631 Agonomy
The agronomist and the tractor. I. Mikhov. Zemledel'c 30 no. 6:68-70 Jo '68.
In the village of Siberia. V. I. Kozlov. NIO 30 no. 3:23 Mr '68.
Significance of the consolidation of biological conditions in agriculture; new theme in the exhibition of the Museum of Earth Sciences of Moscow University. M. M. Molodtsovskii. Zhurn. Zem. no. 4:119-121 Ji '61.

63(471.54)—Sverdlovsk Province
Calculation of the basic characteristics of the growing vegetation period. N. D. Serebrennikov. Mirovaia zhizn'. no. 5:72-76 My '68.

63(4771)—Ukrainian S. S. R.
Agronomical service; notes from the Congress of Agronomists of Kiev Province. P. Pulyanski. Zemledel'c 30 no. 6:68-70 Jo '68.
Improving the efficiency of cultivation practices. A. Cherkasov. Ekonom. sel'khoz. 43 no. 3:60-61 '68.

631.1 Farm management
After nuclear attack. A. Povalov. 10. Chern. sel'khoz. Zemledel'c 30 no. 6:71-73 Jo '68.
[Agricultural literature. A textbook] Finansy sel'skogo khozyaistva. Ucheb. posobie. Pod red. V. A. Abramova. Moskva, "Mysl'," 1967. 111 p.
Comrade Zhukov is a comrade. N. Savinov. Zemledel'c 30 no. 6:65 Jo '68.
Criteria for evaluating the work of agricultural enterprises. M. Maladina, A. Simulov. Vop. ekon. no. 8:74-76 Jo '68.
[Economic aspects of social agriculture] Ekonomika sotsialisticheskogo sel'skogo khozyaistva. Pod red. V. A. Tutina. Moskva, "Kolna," 1968. 642 p. (Uchebnyy i uchebnoy posobie dlya vysshikh sel'skokhozyaistvennykh uchebnykh zavedeniy).

Important problems of intensification. S. Udalov. Ekonom. sel'khoz. 43 no. 4:10-19 '68.
Important parastatistical business accounting within industrial production units of a farm. Ekonom. sel'khoz. 43 no. 3:31-37 '68.
Improve the economic qualification of managerial personnel and specialists. V. Popov. Ekonom. sel'khoz. 43 no. 3:122-123 '68.

- Kirillov, E. A. [Financing and issuing credit to agriculture]. Izd. 2-e, pererabot. 1 dop. Moskva, "Finansy," 1956, 247 p.
- Kravezherko, R. G., I. G. Popov, and S. Z. Tolpokin. [Economic and mathematical methods in the organization and planning of agricultural production]. Ekonomiko-matematicheskie metody v organizatsii i planirovani sel'skhozhoiznitsvennogo proizvodstva. Moskva, "Kolos," 1957, 478 p. (Izhelemtki uchebnoye posobie dlia vyssh. s. kh. ucheb. zavedenii).
- Modeling of a problem of optimal use of fertilizers. A. Skripka. Ekon. sel'khoz., 43 no. 4:57-61 '68.
- On completely controlling state farms to business accounting. N. Nikitin. Ekon. sel'khoz., 43 no. 3:12-23 '68.
- Planning and accounting. Ekon. sel'khoz., 43 no. 3:23-31 '68.
- Results of the competition have been summed up. I. U. Savin. Ekon. sel'khoz., 43 no. 3:124 '68.
- Scientific organization of labor. I. Tashchikov. Ekon. sel'khoz., 43 no. 3:166-169 '68.
- State and farmer tasks of the economic service. I. Votavchik. Ekon. sel'khoz., 43 no. 3:1-11 '68.
- Supply collective farms with well organized and qualified economic service. A. Stepanov. Ekon. sel'khoz., 43 no. 3:19-23 '68.
- What is taught by the experience. Ekon. sel'khoz., 43 no. 3:12-19 '68.

631.1(471.313)—Byzantine Province

- Indices of the level of specialization. V. Gorodnykin. Ekon. sel'khoz., 43 no. 1:93-96 '68.
- The organizational and managerial plan and the upsurge of the economy. I. Shebanin. Ekon. sel'khoz., 43 no. 3:37-44 '68.

631.1(471.53)—Persia Province

- The place and the nature of the economic work. H. Fomichev. II. Ugov. Ekon. sel'khoz., 43 no. 3:51-54 '68.

631.1(471.62)—Krasnodar Territory

- Economic council on a collective farm. G. Ivanov. Ekon. sel'khoz., 43 no. 3:47-51 '68.

631.1(477)—Ukrainian S. S. R.

- Business accounting and economic incentives. I. Alkhaluk. Ekon. sel'khoz., 43 no. 3:65-69 '68.
- Experimental model farm on irrigated lands. M. Rubinschik. I. Chudina. Ekon. sel'khoz., 43 no. 4:73-80 '68.
- High quality production is an important aspect of supplementary income. V. Panfilov. Ekon. sel'khoz., 43 no. 3:64-65 '68.
- Intensified farm specialization. I. Lylova. Ekon. sel'khoz., 43 no. 3:70-71 '68.
- The milk cows' work in two shifts in team work organization. N. Podchukin. Ekon. sel'khoz., 43 no. 3:93-94 '68.
- Scientific labor organization in dairy farming. V. Kizil'din. Ekon. sel'khoz., 43 no. 3:61-63 '68.
- The structure, the topic, and the recommendations. V. Ostapenko. Ekon. sel'khoz., 43 no. 3:65-68 '68.
- 631.1(478)—Moldavian S. S. R.
- Direct ties of collective farms with processing enterprises. I. Rozman. Ekon. sel'khoz., 43 no. 3:43-45 '68.

631.1(571.511)—Taymyr National District

- Business accounting in collective farm deer raising. A. P. Rodnikov. Probl. Sov. no. 13:98-103 '68.

631.1(574)—Kazakh S. S. R.

- More produce with less expenditure. A. Borodin. Ekon. sel'khoz., 43 no. 4:20-26 '68.

631.2 Farmsteads, farmyards

631.2(471.1)—Northern R. S. F. S. R.

- Planning and building of small populated centers in the game farming regions of the Far North. A. M. Stevtsov, A. N. Sakharov. Probl. Sov. no. 13:266-262 '68.

631.2(57)—Abkhaz U. S. S. R.

- Planning and building of small populated centers in the game farming regions of the Far North. A. M. Stevtsov, A. N. Sakharov. Probl. Sov. no. 13:266-262 '68.

631.3 Agricultural implements, machinery. Farm mechanization

- Adapting the TSU-1 for grinding root crops. M. Mainsheenko, H. Vashkevich, A. Vaitshuk. Tekh. v sel'khoz., 28 no. 4:27-28 '68.
- Angle of turn of tractor-leading wheels when the differential gear interlock is disconnected. L. I. Hutankov. Tekh. v sel'khoz., no. 3:10-20 Mr '68.
- Arrangement of cultivator working parts. A. Valeyev. Tekh. v sel'khoz., 28 no. 4:56-56 '68.
- An automatic machine for planting vernalized potatoes. S. K. Golovtseva. Trakt. i sel'khoz. mash., no. 5:38-39 Mr '68.
- Basic reliability indicators of tractors and tractor elements. R. V. Kugel' and others. Trakt. i sel'khoz. mash., no. 3:1-4 Mr '68.
- Basol, E. S. [Cutting apparatus of harvesting machines. (Theory and calculation)] Rezhushcheye apparaty uborochnykh mashin. (Teoriya i raschet). Moskva, "Mashinostroenie," 1967, 187 p.
- Calculation and selection of atomizing devices for modern sprayers. Zh. M. Sudit. Trakt. i sel'khoz. mash., no. 2:31-33 F '68.

- Calculation of the basic parameters of sprayer air jets. M. P. Georgiev, S. F. Prokopenko. Trakt. i sel'khoz. mash., no. 2:26-31 F '68.
- Definition of the qualitative characteristics of aerobol log on the operation of the aerosol generator. M. I. Shvernal. Trakt. i sel'khoz. mash., no. 3:22-24 Mr '68.
- Designing roller tractor frames. S. S. Dmitriyenko and others. Trakt. i sel'khoz. mash., no. 3:11-13 Mr '68.
- Determination of the height of the scoops on the disks of a centrifugal spreader. G. P. Polapov, M. I. Kuznetsov. Trakt. i sel'khoz. mash., no. 2:20-31 Mr '68.
- Determination of the optimum parameters of an atomizing plant-cutting machine. T. G. Loshchinskaya. Trakt. i sel'khoz. mash., no. 3:15-18 Mr '68.
- Determination of the optimum sprayer tank volume. G. N. Belomoshin. Trakt. i sel'khoz. mash., no. 5:31-32 Mr '68.
- Determining the load capacity of the aeraport of a free-discharging conveyor. I. V. Kolesnikov, A. A. Onufriyev. Trakt. i sel'khoz. mash., no. 3:1-15 Mr '68.
- Direction of traction of disc filter opening parts. P. P. Iashin. Trakt. i sel'khoz. mash., no. 2:25-26 F '68.
- Effect of the operating conditions of the D-50 engine on the working qualities of its components. M. P. Zhebrunov, I. V. Pustovalov. Trakt. i sel'khoz. mash., no. 3:6-8 Mr '68.
- Electric apparatus for controlling the operations of sowing machines. S. M. Sharov. Trakt. i sel'khoz. mash., no. 2:46-47 F '68.
- Eliminate grain losses in harvesting. Zemledelie 30 no. 6:54-60 Je '68.
- Evaluation of the maneuverability of a cotton cultivator. S. M. Dronov. Trakt. i sel'khoz. mash., no. 3:25-27 Mr '68.
- Experience in mechanized potato planting. S. Karamanov, H. Kozmina. Tekh. v sel'khoz., 28 no. 4:51-54 '68.
- Experience in technical servicing of machines. H. Ioshin, A. Kuznetsov. Tekh. v sel'khoz., 28 no. 4:51-60 '68.
- Experience in specialization of the maintenance and repair base in Krasnodar Province. V. Petukhov. Tekh. v sel'khoz., 28 no. 4:65-69 '68.
- Experimental study of the smoothness of motion of a grain harvesting combine. A. N. Gindkov, V. S. Dugelko, N. A. Loshchinskaya. Trakt. i sel'khoz. mash., no. 2:20-22 F '68.
- Grain machines for on-farm use. V. Voznesenskiy. Tekh. v sel'khoz., 28 no. 4:47-50 '68.
- Improvement of elements for tractor plant sowing. V. Kiyak, A. Zaitchinskaya. Tekh. v sel'khoz., 28 no. 4:61-66 '68.
- Increasing the performance of a tractor and machine assembly. E. P. Kamy, P. I. Mikhlin, H. Z. Saitov. Trakt. i sel'khoz. mash., no. 3:1-15 Mr '68.
- Increasing the wear resistance and life of the cutting elements of agricultural machines. Poruychikovo-iznosostokst i dolgovechnost rezhushchikh elementov sel'khozhoiznitsvennykh mashin. Pod red. N. E. Roznitskaya. Minsk, 1967, 183 p.
- A job for the designer. G. Karamanov. Tekh. v sel'khoz., 28 no. 4:42 '68.
- The LPS-6 onion cleaning unit. V. I. Zykov, I. P. Semyonov. Trakt. i sel'khoz. mash., no. 3:16 Mr '68.
- Load capacity of electric and static of a machine distribution. G. P. Haryshov, G. P. Voronov, I. A. Kuznetsov. Trakt. i sel'khoz. mash., no. 3:20-30 Mr '68.
- Loading plot without a scaffold. A. Kitchukin. Tekh. v sel'khoz., 28 no. 4:44 '68.
- Machines available at the International Symposium of Mechanization and Automation of Agricultural Irrigation. S. I. Mikhlinov. Trakt. i sel'khoz. mash., no. 3:31-42 Mr '68.
- A means of modifying the swath by superimposing two mounted harvesters. A. V. Orlov. Trakt. i sel'khoz. mash., no. 3:35 Mr '68.
- Mechanization of the loading operation of a potato planter. V. G. Babakov. Trakt. i sel'khoz. mash., no. 3:30 Mr '68.
- Mechanized harvest of lodged grain. Zemledelie 30 no. 6:61-61 Je '68.
- Movement of droplets in the stream from a blower-type sprayer. M. P. Georgiev. Trakt. i sel'khoz. mash., no. 5:33-33 Mr '68.
- New equipment for large-scale poultry houses. V. Shtak, G. Ivanov. Tekh. v sel'khoz., 28 no. 3:20-22 '68.
- New equipment for 1963. M. S. Shtak. Trakt. i sel'khoz. mash., no. 2:1-1 F '68.
- New machines for harvesting cereal and rice crops. I. S. Churbanov. Trakt. i sel'khoz. mash., no. 5:38-38 Mr '68.
- New machines for the mechanization of animal husbandry. A. F. Kozlov. Trakt. i sel'khoz. mash., no. 3:30-40 Mr '68.
- Operating features of the SN-11 potato planter with plows designed for use in rocky fields. M. Kan. Tekh. v sel'khoz., 28 no. 4:53-55 '68.
- Organization of production of new agricultural machines. V. A. Korob, G. A. Nikolov, D. I. Shtak. Trakt. i sel'khoz. mash., no. 3:1-2 Mr '68.
- The PB-35 loader on the DT-75 tractor. N. Ivanov. Tekh. v sel'khoz., 28 no. 4:28 '68.
- Pylovskii, G. T., and S. D. Piteva. [Cleaning, drying and active ventilation of grain] Oshistka, sushka i aktivnoye ventilirovaniye zerna. Moskva, "Vyssh. shkola," 1968, 222 p.
- Pneumatic seed ureaser. A. Baboshko. Tekh. v sel'khoz., 28 no. 4:35 '68.
- Pointed blades for spreader machines. I. A. Ikinov, S. Votorskiy. Tekh. v sel'khoz., 28 no. 4:61 '68.
- Rated traction force of an agricultural tractor. A. P. Portonov. Trakt. i sel'khoz. mash., no. 2:4-7 F '68.
- Re-equipping the ZTSN-6A seed sower for vegetable seed sowing. S. Oshanskii. Tekh. v sel'khoz., 28 no. 4:15-18 '68.
- Rejection criteria for splined shafts. G. Kostrovskii, N. Gavrilov, V. Voz. Tekh. v sel'khoz., 28 no. 4:71-75 '68.
- Results of preliminary investigations of the rigid reversible driving gear of vertical spindles. N. S. Minster, V. R. Khripach. Trudy Tashk., no. 30:21-29 '67.

Reznichenko, M. Ya. [Theory of cylindrical drums for grain cleaning machines] Voprosy teorii tsilindricheskikh tambovov zernochistil'nykh mashin. Moskva, TsBPI, 1958, 54 p. (Naslov. Vsesoyuznyi nauchnoissledovatel'skiy institut sel'skhozhoiznitsvennogo mashinostroeniya. Trudy, no. 18).

- Rigid gear drive of multi-spindle drums. A. R. Zhirmpach. Trudy Tashk. politekhn. inst., no. 39:82-92 '67.
- Rigid reversible driving gear of vertical spindles in cotton harvesting apparatus. N. S. Minster, V. R. Khripach. Trudy Tashk. politekhn. inst., no. 39:15-20 '67.
- Scraper bar assembly for gathering manure. S. M. Kharin, L. S. Kharin, S. Ogorodov. Tekh. v sel'khoz., 28 no. 4:24-25 '68.
- Sensor element for angular displacements. V. R. Khripach, K. N. Kelsil. Trudy Tashk. politekhn. inst., no. 39:3-8 '67.
- Statistical study of the continuous production line in grain harvesting. V. A. Kubyshov, I. U. Mamonchikov. Trakt. i sel'khoz. mash., no. 3:34-36 Mr '68.
- Study of the dynamic loads on the chassis of the SKG-1N combine. V. A. Antonov. Trakt. i sel'khoz. mash., no. 5:22-24 Mr '68.
- Study of the effect of the spreading method and type of knife on silage cutting. V. I. Taran. Trakt. i sel'khoz. mash., no. 3:27-28 Mr '68.
- Subsoil cultivators for brush and stump rippers. P. M. Iashin. Trakt. i sel'khoz. mash., no. 1:22 Mr '68.
- System of supplying agriculture with materials and equipment. A. Ezhovskii. Ekon. sel'khoz., 43 no. 3:46-56 '68.
- Tractor-harvesting machine "Sakartvili." Sh. Ia. Karmelidze. Trakt. i sel'khoz. mash., no. 3:20-21 Mr '68.
- Technical progress of foundry production of the Hosiaceima Plant. L. M. Baryshevskii. I. I. Pirov. no. 12:3-7 D '67.
- Thirtieth Conference on Agricultural Machinery in Memory of Academician V. P. Gerasimov. A. N. Vukob. Trakt. i sel'khoz. mash., no. 3:44-49 Mr '68.
- Tractor engines operating on liquefied gas. N. Voronovskii, V. Mikhlinov. Tekh. v sel'khoz., 28 no. 4:76-78 '68.
- Tire pressure in relation to performance quality. E. I. Kollari, A. Ia. Chornak. Trakt. i sel'khoz. mash., no. 2:40-43 F '68.
- Tractor wheel installation. I. Barinov. Tekh. v sel'khoz., 28 no. 4:52 '68.
- Tractors and agricultural machinery and equipment. Ref. zhur. i Trakt. i sel'khoz. mash. i uzr. no. 3, 6-7 Mr, My, IJ '68.
- U. I. 4, 000 pump pump. S. Makhina, I. Kolyko. Tekh. v sel'khoz., 28 no. 4:17-18 '68.
- Unit for further dressing and fertilizer introduction. Ia. I. Iukhlov. Tekh. v sel'khoz., 28 no. 4:60-61 '68.
- Use of yeast in ensilage. D. I. Shamil, P. I. Sokolov. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR. II-40. 46 '68.
- Using the D-500M universal cleaning machine. V. Shtakov. Tekh. v sel'khoz., 28 no. 4:29-30 '68.
- Using the TSN-1500 loading unit for grinding root crops. N. N. Neutrov. Trakt. i sel'khoz. mash., no. 2:40 F '68.
- V. I. Levin on the mechanization of socialist agriculture. A. Kirinkin. Tekh. v sel'khoz., 28 no. 4:1-5 '68.
- Valuation of the driver's seat in the SK-4 combine. I. V. Kirinkov, V. A. Mochalov, O. A. Polushkin. Trakt. i sel'khoz. mash., no. 3:24-27 Mr '68.
- Wear characteristics of small segments of blades. S. S. Mikhlinov. Trakt. i sel'khoz. mash., no. 2:23-25 F '68.
- Wood cutting on irrigation canals. I. Kolykov. Tekh. v sel'khoz., 28 no. 4:30-31 '68.
- Work efficiency evaluation of rotary tillers in potato cultivation. V. I. Chernikov and others. Trakt. i sel'khoz. mash., no. 5:24-25 Mr '68.
- Working cycle of the gas tractor engine. N. I. Voznesenskiy, V. V. Antelchenko. Trakt. i sel'khoz. mash., no. 5:5-7 Mr '68.
- The ZHVN-10 reaper in direct combining. A. Z. Zhulin, M. Dvorkin. Zemledelie 30 no. 6:64-65 Je '68.

631.3(476)—White Russian S. S. R.

- Accounting for losses due to wheat in the "Sel'khozokhnik" enterprises. V. Suvorov. Duhg. ucl. 27 no. 3:44-46 Mr '68.
- Experience in the repair of potato harvesters. V. Bublikov, G. Galukin. Tekh. v sel'khoz., 28 no. 4:60-71 '68.

631.3(477)—Ukrainian S. S. R.

- Participation of the workers of the "Chervona Zirka" Plant in the socialist reconstruction of rural areas. P. M. Bezziaka. Ukr. ist. zhur. II no. 5:34-37 Mr '68.

631.3(571.05)—Magadan Province

- Some problems of the mechanization of agriculture and game management in Magadan Province. B. V. Garbarov. Probl. Sov. no. 13:245-260 '68.

631.3(574)—Kazakh S. S. R.

- Agricultural machines from the "Sel'mash" factory in Mankent. K. Sheffer. Trakt. i sel'khoz. mash., no. 5:30-40 Mr '68.
- Bazilevich, N. A. [Mechanization of potato cultivation in Kazakhstan] Mekhanizatsiya vozdeleyvaniya kartofella v Kazakhstane. Alma-Ata, "Kairat," 1967, 110 p. (DNL).
- Why grain elevators are built poorly. G. Saitov, N. Khar. Kazakh. 26 no. 5:45-51 Mr '68.

631.3(576)—Central Asia

- The new stage. I. U. Topol'skii. Ekon. i zhizn' 10 no. 1:41-43 Je '68.

631.4 Soil science

Bazilevich, M. I. [Forest-slope soils] Lesostepnye soli. Moskva, Nauka, 1967, 98 p.

Investigations of the Zsuzsanna river valley in the Pustal A. S. S. R. Izvestiya No. 7, L. I. Zharinov, S. N. Malinin, Miroslava Sib. no. 5:43-46 '67.

[Control of the salinization of irrigable soils] Borba s zasoleniem oroshayemykh zemel'. Moskva, "Kolos," 1967, 271 p. (Vsesoyuz. akad. s.-kh. nauk im. V. I. Lenina. Nauchnyy trudy).

Decreasing water permeability of loess soils. K. Talsbys. Vop. glavn. no. 25:57-59 '65.

Distribution of flux in crop rotations in sod-podzolic loess soils. P. R. Prokopenko, A. G. Medvedev, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 10:23-37 '67.

Distribution of pesticides in crop rotations in sod-podzolic sandy loess. P. I. Prokopenko, A. I. Medvedev, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:3-9 '67.

Design of automata for determining fluxes for the mass analysis of soil samples in agricultural chemical research laboratories. A. M. Khilason, Trudy VILK no. 34:255-271 '67.

Effect of lime and nickel on the loss of nitrogen with the harvest of corn and oat green pastures depending on pre-sowing seed treatment. M. V. Efremov and others. Miroslava Sib. no. 5:74-78 '67.

Effect of mineral fertilizers on the barley crop in dark-gray forest soils of different cultivation. S. N. Adjanov, Trudy VILK no. 44:24-30 '66.

Effect of mineral fertilizers on the flax seed and straw crop in light loamy soils. L. A. Idrisov, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 10:152-157 '67.

Effectiveness of meadow surface liming. L. A. Shilnikov, Trudy VILK no. 44:178-186 '66.

Experimental study of the compressibility of clay soils in underground explosions. G. V. Rylov, DANF no. 2:140-151 Mar '68.

Fertilization of winter wheat in eroded and leached Chernozems. A. M. Gerduev, Trudy VILK no. 44:50-61 '66.

Influence of soil moisture on the seed productivity of European yellow lupine. T. P. Polukarov, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:283-290 '67.

Interannual changes in the determination of trace elements in soils. L. G. Babkin, G. G. Khumich, Miroslava Sib. no. 5:107-111 '67.

Interrelationships between the biological activity and humus quality in soils following prolonged fertilization. W. Wiesemüller, Nauch. dokl. vys. shkoly, biol. nauk. 11 no. 5:130-134 '68.

Land improvement science as a new subject. V. V. Egorov, Nauch. dokl. vys. shkoly, biol. nauk. 11 no. 5:134-138 '68.

Leaching potassium from sod-podzolic soils during application of potassium fertilizers and lime. V. S. Kulakov, S. I. Markovich, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:283-290 '67.

Morphogenesis of the root system of *Trifolium excelsum* L. growing in a humus-saturated soil. L. R. Zaugol'nova, Nauch. dokl. vys. shkoly, biol. nauk. 11 no. 5:84-92 '68.

Physiological activity of the roots of some cultures in the subsoil horizons of the soil. L. A. Babakishvili, Trudy VILK no. 44:150-160 '66.

The problem of flushing a saline soil. V. I. Pankovskiy, V. A. Pristov, DANF no. 2:158-160 Mar '68.

Results of activities of the Museum of Earth Sciences in 1953. D. A. Savelliev, V. G. Khodatskiy, Zhurnal Zem. no. 3:278-282 '65.

Soil science in the Museum of Earth Sciences. A. S. Gulin, Zhurnal Zem. no. 3:134-137 '64.

Transformation of high-dispersion curcuma in swampy meadows. K. N. Matizian, Vest. LGU 23 no. 9:147-152 May '65.

V. V. Dokushaev and the present-day concept on the zonal-ity of ground waters. O. K. Lange, Vest. Mosk. univ. Ser. 4 Geol. 23 no. 2:6-13 Mar '68.

Water balance in rich Chernozems of oak spruce forests soil acid stands. V. V. Gerasim, Trudy TSU, Chern. gos. zap. no. 10:109-132 '67.

631.4(476)—European U.S.S.R.

Development of virgin lands of the Toleys, A. M. Abalurov, Zhurnal Zem. no. 3:67-74 '65.

Principles of perfecting a map of soil-forming rocks of the European part of the U.S.S.R. P. N. Chizhikov, Zhurnal Zem. no. 3:164-157 '65.

Soil characteristics of the Strelnikovsky part of the Central Chernozem Preserve. I. K. Tselishchenko, E. K. Dolinich, Trudy TSU, Chern. gos. zap. no. 10:154-168 '67.

631.4(471.317)—Kostroma Province

Some results of soil and agrochemical inspections in Kostroma Province. S. V. Meketinovich, Trudy VILK no. 44:228-241 '66.

631.4(471.323)—Kursk Province

Effect of mineral supplements on the summer barley harvest in the typical ordinary Chernozems of Kursk Province. V. E. Lavushenko, Trudy VILK no. 44:165-176 '66.

631.4(471.333)—Bryansk Province

Effect of mineral fertilizers on the sugar beet crop in the sandy-loam soils of Bryansk Province. V. K. Solov'eva, Trudy VILK no. 44:31-38 '66.

Effectiveness of the use of peat in combination with mineral fertilizers on light soils in Bryansk Province. N. S. Surkov, Trudy VILK no. 44:187-190 '66.

631.4(471.4)—Central and Lower Volga regions

Dikov, N. F. [Agrohydrological state of soils in the Central Volga Valley] Agrohidrologicheskoye sostoyaniye pochv Srednego Povolzh'ya. Leningrad, Gidrometeoizdat, 1967, 180 p.

631.4(471.55)—Chelyabinsk Province

[Agrochemical characteristics of soils in the U.S.S.R.] Agrokhimicheskaya kharakteristika pochv SSSR. Moskva, "Nauka."

[T. 8]. [Kazakhstan and Chelyabinsk Province] Kazakhstan i Chelyabinskaya oblasti. 1968, 311 p.

631.4(471.61)—Rostov Province

Effect of fertilizers applied during cultivation and during sowing in rows on the pea crop in the Northern Sea of Azov Region Chernozems of Rostov Province. L. I. Makarov, I. M. Skuposhnikov, Trudy VILK no. 44:39-49 '66.

631.4(471.62)—Krasnodar Territory

Effectiveness of mineral fertilizers on corn in the Caucasian calcareous Chernozems under irrigation. V. M. Dvornikov, I. M. Trifunov, Trudy VILK no. 44:77-83 '66.

631.4(471.64)—Kabardino-Balkar A.S.S.R.

Kerefov, K. N., and R. Kh. Flapshyev. [Soils of the steppe zone of the Kabardino-Balkar A.S.S.R.] Pochvy stepnoy zony Kabardino-Balkarskoy ASSR. Pod red. F. I. Gavriluka. Nalchik, Kabardino-Balkarskoe kn. izd., 1966, 99 p.

[MICROFILM]

631.4(474.3)—Lyalva S.S.R.

Characteristics of mycorrhiza in various types of soils of the Lyalyva S.S.R. L. S. Lina, Kullu, Kach. dokl. vys. shkoly, biol. nauk. 11 no. 5:145-148 '68.

631.4(476)—White Russian S.S.R.

Basic problems in the system of fertilization of sandy-sandy loam soils of the Polesie. I. G. Stolkov, I. P. Ostrovoy, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:283-290 '67.

631.4(477)—Ukrainian S.S.R.

Velykiy, O. A., and others. [Soils of Cherkassy Province. Agrochemical characteristics and ways of efficient utilization] Hirany Cherkas'kol oblasti. Agrokhimicheskaya kharakteristika ta shlyakhtyatsiya melioratsiya vykorystannya. Kyiv, "Urozhai," 1967, 120 p.

631.4(478.224)—Abkhaz A.S.S.R.

Problems of calculation and evaluation of soils in the Abkhaz A.S.S.R. Ch. K. Guntie, Trudy Sukh. vol. soil no. 16:140-144 '67.

631.4(479.24)—Azerbaijan S.S.R.

Dynamics of the moisture in mountain-forest soils of the Akhaz Valley. Sh. I. Mirzoev, Dokl. AN Azerb. SSR 23 no. 10:29-42 '67.

631.4(57)—Asian U.S.S.R.

[Agrochemical characteristics of soils in the U.S.S.R.] Agrokhimicheskaya kharakteristika pochv SSSR. Moskva, "Nauka."

[T. 9]. [Regions of Western Siberia] Ralony Zapadnoy Sibiri. 1966, 393 p.

631.4(571.13)—Omsk Province

Manganese content in the Chernozems of Omsk Province. G. P. Gromozkov, Trudy VILK no. 44:230-234 '66.

631.4(571.10)—Tomsk Province

Zinc and nickel content in some soils of Tomsk Province. G. E. Pashcheva, Miroslava Sib. no. 5:35-37 '67.

631.4(571.53)—Irkutsk Province

Change in the content of water-soluble compounds of trace and microelements in the soils of Irkutsk Province resulting from interaction with curcuma. V. I. Naryanova, A. S. Maryanova, Miroslava Sib. no. 5:53-54 '67.

631.4(571.54)—Buryat A.S.S.R.

Available manganese in the soils of the Tunkinsky ay-mak of the Buryat A.S.S.R. V. P. Martynov, G. M. Ivanov, A. S. Maryanova, Miroslava Sib. no. 5:32-34 '67.

Some peculiarities of the biogeochemistry of fluorine in soils and plants. A. I. Kovalevskiy, Miroslava Sib. no. 5:27-31 '68.

631.4(571.61)—Amur Province

Trace elements (cobalt, strontium and barium) in soils and parent rock in the Amur Valley. D. N. Kostikov, Miroslava Sib. no. 5:47-52 '67.

631.4(571.63)—Maritime Territory

Zonal soils in low-mountain plain regions of the Maritime Territory. N. A. Kreida, Vest. LGU 23 no. 9:138-140 May '68.

631.4(574)—Kazakh S.S.R.

[Agrochemical characteristics of soils in the U.S.S.R.] Agrokhimicheskaya kharakteristika pochv SSSR. Moskva, "Nauka."

[T. 6]. [Kazakhstan and Chelyabinsk Province] Kazakhstan i Chelyabinskaya oblasti. 1968, 311 p.

Calculation of soil moisture in northern Kazakhstan. R. M. Buzichko, Trudy Omsk. 66 no. 3:11-15 '67.

Characteristics of the deep salinization of Chelodnyy Steppe soils. Z. P. Pushkarova, Vop. glavn. no. 23:11-15 '66.

631.4(575)—Central Asia

Effect of the dose of fertilizer with different H_2O_2 content in the soil on the corn crop under Central Asian conditions. M. F. Zikrilmov, Trudy VILK no. 44:51-93 '66.

631.5 Operations. Growing. Cultivation methods

Advanced agricultural technology, a matured skill. I. I. Beregovoy, Zemledelie 40 no. 6:16-18 Mar '68.

Barley and spring wheat sowing periods. M. B. Naumov, I. F. Iakimovskiy, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:24-28 '67.

Basic soil tillage for narrow crops. A. V. Abramovskiy, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:24-33 '67.

Best seed sowing quality in relation to the period of harvest and methods of drying. L. D. Solov'eva, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:274-282 '67.

Biological characteristics of buckwheat in connection with the distribution of the sowings in the U.S.S.R. G. M. Solov'eva, Zhurnal Zem. no. 3:111-117 '65.

Corn on irrigated fields. I. I. Sukhova, Zemledelie 39 no. 6:19-16 Apr '68.

Crop rotation and grain quality. I. I. Sukhova, I. I. Chelob, Zemledelie 40 no. 6:11-12 Apr '68.

Cultivation of potatoes on peatland peat soils. I. I. Prizant, Tekhn. v sel'khoz. 28 no. 4:3-12 '68.

Determination of the leguminous root and nodule mass. V. I. Stoinop, N. P. Kikash, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:35-36 '67.

Effect of electric current on regeneration processes in cuttings of some plants as related to polarity phenomenon. V. I. Porfirov, Trudy VSGI, 9:80-84 '67.

Effect of lime and nickel on the loss of nitrogen with the harvest of corn and oat green pastures depending on pre-sowing seed treatment. M. V. Efremov and others, Miroslava Sib. no. 5:74-78 '67.

Effect of root cutting on their physiological activity. V. A. Babakishvili, Trudy VILK no. 44:161-163 '67.

Effect of the depth of fall plowing of sandy loam soil on the seedling of lupine crops. G. I. Bolov, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:35-41 '67.

Effect of the pre-sowing soaking of large grain buckwheat on the seed crop. A. M. Durovova, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:233-234 '67.

Effect of the time and methods of soil tillage on the crop harvest. A. M. Anokhin, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:34-48 '67.

Efficiency promoters in the fields. Novatory pole. Moskva, "Nauka," 1967, 104 p.

Efficiency of grain losses in harvesting. Zemledelie 39 no. 6:51-50 Apr '68.

Formation of fodder bean hard seeds in relation to life-ling conditions. N. A. Moroz, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:268-273 '67.

Growing buckwheat in the shade of winter grain crops. I. Elgin, Zemledelie 39 no. 6:41-43 Apr '68.

IG-0 machine for manufacturing peat humus tea. V. P. Pashcheva, Tekhn. v sel'khoz. 28 no. 4:1-53 '68.

Increasing the reliability of the SZS-0 seeder. V. Mantak, Tekhn. v sel'khoz. 28 no. 4:10-13 '68.

Influence of the sowing norms on the winter rye crop. I. E. Rogov, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:240-262 '67.

Intermedial crops and farm economy. I. I. Babakishvili, A. M. Anokhin, Zemledelie 39 no. 6:41-43 Apr '68.

Lupine in secondary sowings. M. Vanlenko, Zemledelie 39 no. 6:30-32 Apr '68.

Mechanized harvest of tilled grain. Zemledelie 39 no. 6:61-64 Apr '68.

Methods of biochemical studies on silage. Metody biokhimicheskikh issledovaniy siloz. Pol. obshch. nauch. A. A. Zolotarev, Duhovnyy, 1967, 60 p.

Methods of tillage and sowing with flax. N. F. Afonin, A. V. Shorostukina, S. G. Naumov, Izv. Bel. nauch. inst. zem. no. 11:49-54 '67.

Nature of growth and development in lawn phytocenoses. M. Usmol'tskiy, L. A. Kiryl'skiy, Vest. AN BSSR, Ser. biol. nauch. no. 4:20-28 '67.

New fact of the origin and genetic covers of cultivated plants and specifically endemic interferences of related species. P. M. Zhukovskiy, Bot. zhur. 53 no. 4:430-460 Apr '68.

New technology of cultivating and harvesting potatoes. V. Chaplits, T. Chaplits, Tekhn. v sel'khoz. 28 no. 4:12-15 '68.

Overall mechanized milks should be given land sectors. P. Polovtsov, NTO 10 no. 5:17-18 May '68.

Pavlovskiy, O. T., and S. D. Pilyayev. [Cleaning, drying and active ventilation of grain] Oshistka, suushka i aktivnoye ventilirovaniye zerna, Moskva, "Vyssh. shkola," 1968, 222 p.

Petrchenko, A. P. [How to increase potato crops] Kak povysit' urozhai kartofoln. [Leningrad] Leningrad, 1968, 97 p.

(DNL)

[Plant culture] Ref. zhur.: Rast. no. 5, 7, My, 31 '68.

Rybitskiy, N. A., and V. F. Orskhov. [Grafting of fruit trees. Practical handbook] Prilivka plodovykh derev. Prakt. rukovodstvo. Leningrad, Leningrad, 1968, 80 p.

Secondary crops give high yields. I. Chelak, Zemledelie 39 no. 6:33-34 Apr '68.

Soil tillage and fertilizers for stubble crops. N. Gaidich, O. Ribikov, Zemledelie 39 no. 6:40-41 Apr '68.

Sowing periods for tetraploid winter rye of the Belt sort. M. D. Nakhin, T. I. Pugacheva. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:208-213 '67.
Theory of canter seed freshening. A. A. Tol. Trakt. i sel'khoz. mash. no. 7:26-28 F '68.
Tires and methods of sowing buckwheat. Z. I. Evstokimko. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:237-241 '67.
Varietalization stages in grapevines. I. M. Milipenko, V. S. Rudnikova. Trudy TSGL 9:302-311 '67.

631.5(471.61)—Istov Prinyim

Salt grass under irrigation. I. Efimov. Zemledelie 30 no. 6:36-37 Je '68.

631.5(476)—White Russian S. S. R.

Influence of the sowing methods and norms on the fodder crop in the White Russian S. S. R. A. T. Voronov. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:261-267 '67.
Subtle crops on the fields of White Russia. P. Sheranov. Zemledelie 30 no. 6:15-16 Je '66.

631.5(477)—Ukrainian S. S. R.

Fallow fields in Lugansk Province. I. Ivashkin. Zemledelie 30 no. 6:52-53 Je '68.

631.5(479.24)—Azerbaijan S. S. R.

On Azerbaijan lands. T. Ismailov, N. Khachaturov. Zemledelie 30 no. 6:17-18 Je '68.

631.5(574)—Kazakh S. S. R.

Two and three crops a year. Sh. Abdurashov. Zemledelie 30 no. 6:39-40 Je '68.

631.5(575.1)—Uzbek S. S. R.

Put the drying facilities to work at full capacity. Ekon. statistika 10 no. 1:35-36 Ja '68.

631.5(73)—United States of America

Haying in the United States. A. Titunov. Zemledelie 30 no. 6:46-47 Je '68.

631.52 Selection. Breeding. Acclimatization

William longicarpus Rgl. as a parent material for garlic breeding. I. I. Gralov, I. V. Abrakshina. Biol. Glav. bot. suda. no. 67:43-45 '67.

Characteristics of the formation of male generative organs in hybrid of *Cerasus vulgaris* Mill. x *Cerasus tomentosa* (Thunb.) Wolf species. N. P. Chuvashina, V. G. Krasnaya. Trudy TSGL 9:103-110 '67.

Differences in leaf quality as a basis for clone selection of apple. T. K. Ponomareva. Trudy TSGL 9:21-30 '67.

Domestication and splitting in hybrid progeny obtained from free and forced pollination of Michigan apple varieties. A. P. Enkova. Trudy TSGL 9:37-40 '67.

Effect of nitrogen pollen on the infestation of wheat kernels. N. D. Mukhin, T. V. Lipshakova. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:222-232 '67.

Geographically remote hybridization of corn. I. G. Titunov. Trudy TSGL 9:82-90 '67.

Hybridization of woody plants with herbaceous plants in the family Leguminosae. M. Z. Linaeva (Nazarova). Biol. Glav. bot. suda. no. 67:31-30 '67.

In vitro pollination and fertilization in hybridizing Petunia hybrida L. x Nicotiana glauca B. Gral, M. M. Akhmedova. Biol. Glav. bot. suda. no. 67:28-31 '67.

Influence of the selection methods on the harvest quality of new sorts of barley. V. A. Semenov. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:263-267 '67.

Mirrored. V. Remeslo. Zemledelie 30 no. 6:10-11 Je '68.

More as principal concepts in plant introduction. F. N. Ruzanov. Biol. Glav. bot. suda. no. 67:3-8 '67.

Practical results of cotton (*Gossypium hirsutum* L.) breeding by using temperate radiation. M. K. Guseinov and others. Radiobiologia no. 2:318-322 Mir-Ap '68.

Providing shrub: *Staphylea trifolia* (Thunb.) Zhi. and its grafting with green cuttings. K. A. Androev. Uch. zap. Putrov. gos. un. 18 no. 1:18-13 '67.

Role of the mother method in hybridization. A. A. Zubov. Trudy TSGL 9:21 '67.

Synthetic population of tetraploid rye. V. S. Fedorov, V. G. Smirnov. Vest. LGU 23 no. 9:16-56 My '68.

631.52(471.22)—Karelian S. S. R.

Introduction of coniferous plants in southern Karelia. A. S. Lantatova. Uch. zap. Putrov. gos. un. 16 no. 1:3-9 '68.

631.52(471.67)—Dagestan A. S. S. R.

Cultivation of Georgian madder in Dagestan. P. Kh. Rukava. Biol. Glav. bot. suda. no. 67:88-91 '67.

631.52(476)—White Russian S. S. R.

Selection work with tetraploid rye in White Russia. N. D. Mukhin, N. A. Sokolova, N. I. Semenova. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:242-244 '67.

631.52(477)—Ukrainian S. S. R.

Gymnosperms dioecious 1. in the Mariupol' Experimental Forest Station. I. I. Siachenko. Biol. Glav. bot. suda. no. 67:25-27 '67.

631.52(479.22)—Georgian S. S. R.

Oldest place of plant acclimatization: the 125th anniversary of the Sukhumi Botanical Garden. G. O. Alba. Trudy Sukh. bot. suda. no. 10:5-12 '67.

Phytogeographical results of plant introduction in the Sukhumi Botanical Garden. A. V. Vasil'ev. Trudy Sukh. bot. suda. no. 10:13-29 '67.

631.52(575)—Central Asia

Nigmatullin, F. G. [Principles and methods of selecting barleys under the conditions of Pamir highlands] Priniply i metody selektsii kachestvenno v usloviakh rybnogor' Pamira. Dushanbe, "Dushanbe", 1967. 211 p.

631.6 Rural engineering

Migration of salts in the aeration zone in irrigation. M. N. Trasov, T. P. Lepshina. Gidrotekhn. inzh. 44: 91-103 '68.

Mobile low-pressure pumping stations. G. Primov. Tekh. v sel'khoz. 28 no. 4:33-35 '68.

Ovsalnikov, N. G. [Water resources - our wealth] Vodny resursy - nasha bogatstva. Moskva, "Sov. Rossiya", 1968. 121 p.

Principles of hydrogeological schematization as a basis for filtration calculations on masses of irrigation. I. S. Pashkovskii, V. M. Sheshtakov. Vest. Mosk. un. Ser. 4 Geol. 23 no. 2:36-43 Mir-Ap '68.

[Problems of hydraulic engineering and land reclamation. Brief summaries of papers delivered at the Anniversary Scientific and Technical Conference of Young Scientists] Voprosy gidrotekhniki i melioratsii. (Kratkie obozracheniya dokladov na jubileinoy nauch.-tekhn. konferentsii molodykh uchenykh). Novocherkassk, 1967. 150 p.

Rozental, G. I., and Uda Vilams. [Hydrotechnical constructions of meliorative systems] Melioratsionnye stroitel'stva melioratsionnykh buvov. Ilga, "Liesma", 1967. 183 p. [in Latvian]

Sel'khoz. Trakt. i sel'khoz. mash. no. 3:22 Mir '68.

Sudan grass under irrigation. I. Efimov. Zemledelie 30 no. 6:30-37 Je '68.

Using the 11-4001 canal cleaning machine. V. Surikov. Tekh. v sel'khoz. 28 no. 4:20-30 '68.

What is a recommendation worth? V. Kravtsov. Izv. i rule. no. 9:7-8 '68.

631.6(73)—United States of America

Maslov, I. S. [Problems of irrigation and drainage in the U. S. A.] Voprosy oroseniya i oshusheniya v SShA. Moskva, "Kolos", 1967. 320 p.

631.6 Fertilizers. Manuring

Agro-related changes in corn response to fertilizers. O. P. Chumina, L. M. Belorousova. Trudy inst. bot. AN Kazakh. SSR. 26:13-25 '68.

Assimilation of the nitrogen in fertilizers by pea plants: results of experiments with isotope N^{15} . G. I. Lopukhina. Trudy VUA no. 44:91-96 '68.

Use problems in the system of fertilization of sandy-oily loam soils in the Polesie. I. G. Strelkov, I. P. Ostalov. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:105-207 '67.

Change of the technological properties of single-seed and multi-seed beets depending on fertilizers used. I. K. Abramova. Sakh. prom. 42 no. 5:41-43 My '68.

Determination of accuracy criteria for agrochemical cartograms. L. S. Mogilevich. Trudy VUA no. 44:212-240 '68.

Economic effectiveness of using mineral frit on flax crops. A. F. Skripchenko. Mikrotem. v Sib. no. 5: 88-90 '67.

Effect of different levels of nitrogen-phosphorus-potash nutrition on the harvest and quality of sugar beets. V. S. Rubanov, I. I. Dorozov. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:173-180 '67.

Effect of fertilizers on preplanting irradiation of seeds with gamma rays Co^{60} on the quality of corn grain. I. A. Vashuk, V. V. Morina. Izv. AN UZSSR. Ser. B 10 no. 2:164-171 '68.

Effect of fertilizers on the accumulation of root and stubble remnants of leguminous cultures. V. I. Shonop'el, N. I. Kukreba. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:69-70 '67.

Effect of fertilizers on the root system of winter wheat and its productivity. O. S. Balyk. Trudy VUA no. 44: 141-153 '68.

Effect of gibberellins on fruit and berry plants. O. S. Zilakov. Trudy TSGL 9:267-278 '67.

Effect of growth promoting substances on nitrogen and phosphorus metabolism in cotton treated with nitrogen and phosphorus fertilizers. T. B. Bazanova. Izv. AN Turk. SSR. Ser. Biol. nauk. no. 1:38-43 '68.

Effect of mineral and trace element fertilizers on the pea crop. I. G. Strelkov, V. L. Evstokimov. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:160-166 '67.

Effect of mineral fertilizers on the barley crop in dark-gray forest soils of different cultivation. S. N. Adrianov. Trudy VUA no. 44:24-30 '68.

Effect of mineral fertilizers on the flax seed and straw crop in light loamy soils. I. A. Ustina. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:152-159 '67.

Effect of mineral fertilizers on the harvest and seed quality of the European yellow lupine. I. G. Strelkov, V. A. Evstokimov. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:167-172 '67.

Effect of mineral frit on early stages in the development of wheat. I. A. Sapelkin. Mikrotem. v Sib. no. 5: 83-87 '67.

Effect of nitrogen and phosphorus feeding conditions on the content of free amino acids and uric acid in grapevine sap in the spring growing period. A. I. Chibba. Trudy VUA no. 44:14-23 '68.

Effect of nitrogen and phosphorus nutrition conditions on the physiological functions and productivity of tobacco. O. T. Chumina, V. B. Efimova, N. V. Chicholeva. Trudy inst. bot. AN Kazakh. SSR. 26:49-55 '68.

Effect of potassium fertilizers on the harvest and quality of agricultural crops in light sandy-podzolic soils. D. A. Altunina. Trudy VUA no. 44:122-125 '66.

Effect of relationships of basic fertilizer elements on the metabolism and productivity of corn. O. T. Chumina, V. B. Efimova. Trudy inst. bot. AN Kazakh. SSR. 26: 28-35 '68.

Effect of asparagins on the harvest of agricultural crops. V. S. Rubanov, N. N. Korshina. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:181-194 '67.

Effect of the phosphorus-potassium fertilizer dose on the fixation of atmospheric nitrogen by peas. G. I. Lopukhina. Trudy VUA no. 44:87-99 '68.

Effect of the proportion of elements in mineral fertilizers on harvest and quality of barley. N. M. Karmanova. Trudy VUA no. 44:138-145 '68.

Effect of trace elements on the productivity of blue hybrid alfalfa in the sandy-calcareous soils of Irkutsk Province. A. M. Stukhina. Mikrotem. v Sib. no. 5: 77-82 '67.

Effect of various forms of potassium fertilizers on the harvest of agricultural crops. D. A. Altunina, V. A. Altunina. Trudy VUA no. 44:120-129 '66.

[Effective fertilizers] Effektivnye udobreniya. Leningrad, Leningrad, 1967. 115 p.

Effectiveness of fertilizers on sugar beets in terraced dark-chestnut soils under irrigation. L. A. Gorkel. Trudy VUA no. 44:62-76 '68.

Effectiveness of meadow surface liming. I. A. Stukhina. Trudy VUA no. 44:178-186 '68.

Fertilization of winter wheat in eroded and leached Chernozems. A. M. Gorbunov. Trudy VUA no. 44:50-61 '66.

Foliar feeding of plants by nitrogen and the quality of winter wheat grain. L. G. Kurashkova. Trudy VUA. no. 44:13-18 '68.

Interrelationship between the biological activity and humus quality in soils following prolonged fertilization. V. V. Krasovskiy. Nauch. dokl. vuz. sikh. dokl. bel. nauch. tr. 5:138-144 '68.

Leaching potassium from soil-podzolic soils during application of potassium fertilizers and lime. V. S. Rubanov, S. I. Shonop'el. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:162-170 '67.

Mechanization of loading operations in the production of nitrogen fertilizers. A. N. Titunov. Khim. prom. 44 no. 4:65-68 Ap '68.

More fertilizers for the fields. Pari. zhurnal no. 12:20-21 Je '68.

Possibility of using industrial wastes from factories as fertilizers in Western Siberia. A. S. Mikhailov. Mikrotem. v Sib. no. 5:123-127 '67.

Production and use of liquid manure. I. V. Milipenko, V. M. Poropoltan. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:67-101 '67.

Responses in nitrogen-phosphorus fertilizers at various stages of rice development. I. G. Rubanov, G. P. Gorkel, B. M. Shonop'el. Trudy inst. bot. AN Kazakh. SSR. 26:30-40 '68.

Results of field experiments with fertilizers based on a geographical network in White Russian S. S. R. in 1963-1964. V. S. Rubanov, M. M. Romanukova. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:111-135 '67.

Role of root microflora in plant assimilation of phosphorus. I. T. Gullor. Trudy VUA no. 44:205-215 '68.

Role of soil-lupine nutrition. I. G. Strelkov, N. M. Anichina, N. E. Kryukova. Sbor. nauch. tr. Bel. nauch. -issl. inst. zom. 11:130-161 '67.

Soil tillage and fertilizers for stubble crops. I. G. Strelkov, O. I. Ilyukov. Zemledelie 30 no. 6:10-11 Je '68.

Some problems in liming the soil for corn. I. A. Stukhina. Trudy VUA no. 44:171-177 '68.

Technical and economic evaluation of implements of mechanization used in unloading mineral fertilizers. A. I. Pavlov, S. I. Simonov. Trudy MIT no. 183:31-36 '66.

Technical and economic expediency of the use of liquid urea ammoniate fertilizers. G. I. Vilevov, S. N. Giza, R. I. Droginskaya. Khim. tekhn. no. 7:5-6 '67.

Unloading of mineral fertilizers transported by railroad cars in loose bulk. G. N. Grichar and others. Trudy MIT no. 183:21-38 '68.

Utilization of waste liquid forming in ammonia method of the purification of waste gases of nitric sulfuric acid systems as fertilizers. M. L. Varlamov, G. A. Manakina, I. S. Ziborak. Khim. tekhn. no. 7:21-26 '67.

Ways of increasing the efficiency of mineral fertilizers. I. G. Gorbunov. Trudy inst. bot. AN Kazakh. SSR. 26:12 '68.

Wear of steel and polymers in a mineral fertilizer medium. A. M. Severinov, N. N. Podolekrov. Trakt. i sel'khoz. mash. no. 2:34-30 F '68.

631.6(471.323)—Kursk Province

Effect of mineral supplements on the summer barley harvest in the typical ordinary Chernozems of Kursk Province. V. E. Litvushenko. Trudy VUA no. 44:105-178 '68.

631.6(471.333)—Bryansk Province

Effect of mineral fertilizers on the sugar beet crop in the sandy-loam soils of Bryansk Province. V. K. Solov'ev. Trudy VUA no. 44:31-38 '68.

Effectiveness of the use of peat in combination with mineral fertilizers on light soil in Bryansk Province. N. G. Surov. Trudy VUA no. 44:107-160 '68.

631.6(471.01)—Istov Province

Effect of fertilizers applied during cultivation and during sowing in rows on the pea crop in the Northern Soyuz Avon Region Chernozems of Istov Province. L. I. Makarova, I. M. Shaposhnikova. Trudy VUA no. 44:39-49 '68.

Significance of Azot for winter wheat in clay-calcareous Chernozems. A. A. Grigorenko. Trudy VUA no. 44:100-121 '66.

631.8(47).62)—Kazakhstan Territory
Effectiveness of mineral fertilizers on corn in the steppe-
Caucasus calcareous Chernozems under irrigation. V. N. Polugov, H. M. Trofimov. Trudy VUA no. 44: 77-80 '66.

631.8(47).63)—Sartopol Territory
Effect of the dose and proportion of the basic elements in
mineral fertilizers on the harvest and quality of
Buzostan-1 winter wheat under irrigation in Sartopol
Territory. V. F. Semakova. Trudy VUA no. 44: 145-
149 '66.

631.8(47).5)—Lithuanian S.S.R.
Effect of polydum and colch on the harvest and
sugar level of sugar beet roots. A. H. Skripshenev.
Trudy VUA no. 44: 191-197 '66.
Effect of polydum and colch on the pea crop as
raised in the Lithuanian S.S.R. A. H. Skripshenev.
Trudy VUA no. 44: 198-201 '66.

631.8(47).242)—Nakhichevan A.S.S.R.
Effect of different doses and combinations of mineral
fertilizers on the accumulation of nitrogen, phosphorus
and potassium in winter wheat. V. G. Zelenov. Dokl.
AN Azerb. SSR 21 no. 12: 11-17 '67.

631.8(57).54)—Buryat A.S.S.R.
Use of tungsten-molybdenum wastes on wheat in the
Buryat A.S.S.R. N. P. Alasheeva and others. Mikro-
biologiya, no. 5: 71-73 '67.

631.8(574)—Kazakh S.S.R.
Business accounting and production quality are dependable
factors of profitable production. V. Fursov. Nat. khor.
Kazakh. 26 no. 5: 11-15 May '66.

Characteristics of beet growth and ripening in Tselin-
grad Province as affected by different mineral fertilizers
conditions. K. I. Yurshina. Trudy Vost. Kazn. AN
Kazakh. SSR 26: 38-74 '66.
Some conditions of development of Kazakh phosphorites
by a mixture of sulfuric acid and ammonium sulfate.
M. A. Dykhanov, V. V. Zhukov, A. B. Bekurov. Izv.
AN Kazakh. SSR, Ser. Khim., 16 no. 4: 4-7 Q-12 '66.
There is need for modern technology. V. Tikhonov.
Nor. khor. Kazakh. 26 no. 5: 84 May '66.

631.8(575)—Central Asia
Effect of the dose of fertilizer with different P_2O_5
contents in the soil on the corn crop under Central Asian
conditions. M. E. Zikhlidze. Trudy VUA no. 44: 81-9
'66.

631.8(575.1)—Uzbek S.S.R.
Use of trace element fertilizers in the field and farms.
F. Urmanov. Ekon. i zhizn' 10 no. 1: 87-88 Jan '68.

631.9 Agricultural influences, ecology, etc.
Formation of fodder bean hard seeds in relation to ripen-
ing conditions. N. A. Koyuz. Sbor. nauch. tr. Bel.
russk. i bel. inst. zem. 11: 268-273 '67.

632 Crop damage and protection
Apple varieties and hybrids resistant to *Hyaloscyra*
caerulescens. A. P. Oskolova. Trudy TSGI. 3: 332-
336 '67.

Change in nucleic acid metabolism of onions infected
with *Peronospora destructor* (Nikol. I. Camp. 15, G.
Oskolova, M. N. Talova. Biol. Glav. bot. stud., no. 67:
73-78 '67.

Characteristics of regressive changes in anthers in tissues
of feeding plants. T. V. Karshchenko. Mik. i fitopat. 2
no. 2: 133-140 '66.

Ecologic characteristics of *Veneria* point and some
causes of the resistance to it. I. I. Vanin. Trudy TSGI.
9: 327-332 '67.

Effect of ontogenetic changes in the enzymatic activity
of leaves of different apple tree varieties on the resis-
tance to scab. L. A. Ishchenko. Trudy TSGI. 9: 343-
350 '67.

Frost resistance and vegetation timing in grape seedlings.
I. M. Vityayenko, A. V. Lelchev. Trudy TSGI. 9: 310-
317 '67.

Frost resistance in Siberian apple hybrids of the second
generation. G. G. Smyslova. Trudy TSGI. 9: 44-47 '67.

New fungous diseases of field crops in the Soviet Union.
E. S. Nelen. Mik. i fitopat. 2 no. 2: 128-133 '68.

Basic composition of *Cladosporium fulvum* Cke. in some
plants of the Soviet Union. I. M. Levina, N. A. Kuch.
Dokl. vuz. i shkoly. biol. nauk 11 no. 3: 126-133 '68.

Massive winter wheat broom. I. I. Vanin, O. S. Zhukov.
Trudy TSGI. 9: 355-358 '67.

Strawberry diseases and pests and the stability of its
varieties. I. I. Vanin, A. G. Smirnov. Trudy TSGI.
10: 334-354 '67.

Survival and productivity of a winter wheat so affected by
various soil fertility and temperature. A. I.
Zaitseva and others. Dop. AN URSR, Ser. B 30
no. 5: 463-468 May '68.

Vladov, I. I. [Prophylaxis of plant virus diseases]
"Koloklika virusnykh boleznei rastenii. Leningrad.
Profkhoz, 1967. 91 p.

Weed control on irrigation canals. V. Knyazkov. Tekh.
v sel'sk. khoz. 28 no. 4: 10-11 '68.

632(47).32)—Central Black Earth regions
Biochemical conditions of the scab infection of apple in
Michurinsk and the Central Chernozem region. I. I.
Vanin, V. P. Kabanin. Trudy TSGI. 9: 364-369 '67.

Probability of blossom loss in fruit plants from spring
frost in Michurinsk and the Central Chernozem region.
V. E. Kabanin, A. P. Bolyrev. Trudy TSGI. 9: 352-
363 '67.

632(47).54)—Sverdlovsk Province
Apple varieties and seedlings resistant to the apple scab
in the Central Urals. I. A. Kojev. Trudy TSGI. 9: 337-
342 '67.

632(574)—Kazakh S.S.R.
Pathogenic mycoflora of trees and shrubs in the desert
regions of Central Asia and Kazakhstan. I. U. V. Sinad-
skii. Mik. i fitopat. 2 no. 2: 148-149 '66.

Sinadskii, I. U. [Harmful mycoflora of trees and shrubs
in the arid zone of Central Asia and Kazakhstan] Vred-
naya mikoflora drevo-kustarnikovykh porod aridnoi
zony Srednei Azii i Kazakhstan. Pod red. A. I. Voron-
tsova. Ashkhabad, "Vym," 1957. 68 p.

632(575)—Central Asia
Pathogenic mycoflora of trees and shrubs in the desert
regions of Central Asia and Kazakhstan. I. U. V. Sinad-
skii. Mik. i fitopat. 2 no. 2: 146-149 '66.

Sinadskii, I. U. [Harmful mycoflora of trees and shrubs
in the arid zone of Central Asia and Kazakhstan] Vred-
naya mikoflora drevo-kustarnikovykh porod aridnoi
zony Srednei Azii i Kazakhstan. Pod red. A. I. Voron-
tsova. Ashkhabad, "Vym," 1967. 88 p.

632(575.4)—Turkmen S.S.R.
Distribution of *Dicranum* species in arable lands of the
Mugap Chaus and Nysarbini salt in cotton. Z. E. Bekker,
Z. S. Chudova, T. F. Kuznetsova. Izv. AN Turk. SSR.
Ser. Biol. nauk. no. 1: 10-17 '68.

632.9 Crop protection. Pest control
Dependence of the qualitative characteristics of aerolol
on the creation of the aerolol generator. M. I.
Shcherbaty. Traki. i sel'sk. khoz. no. 3: 22-24
May '68.

Myological methods for studying the characteristic re-
sistance of fruit trees to facultative parasites. I. I.
Shterchik. Mik. i fitopat. 2 no. 2: 124-126 '68.

[Pests and diseases of feed and leguminous crops] Vred-
naya i bolezni kormovykh i zernobobovnykh koltur. Tash-
kent, "Fan," 1967. 146 p.

[Diseases]
Possibility of prolonged storage of poisoned bait con-
taining zinc phosphide prepared with oil or fat. G. A.
Beloshchikov. Zurn. mikrobiol. i cel. kultura. 45
no. 6: 111-113 May '68.

Shterchik, I. I. [Bacterial blight of fruit trees] Bakteri-
al'nyy fitofitovyy derevo. Pod red. V. P. Izmail'-
skogo. Moskva, "Kolos," 1967. 30 p.

[Diseases]
632.9(47).53)—Yerm Province
Beneficial, the pests of clover and alfalfa in Yerm
Province. N. S. Azhneva. Mik. zap. Povol. ped.
inst. no. 11: 25-37 '67.

632.9(47).234)—Abkhaz A.S.S.R.
Pests of ornamental plant seeds and some grasses in the
Black Sea coastal area of Abkhazia. V. N. Vashadze.
Trudy Sakh. bot. nauch. no. 16: 145-150 '67.

632.95 Pesticides and control chemicals
Adaptation of *Chrysomela* *salicis* Kuehn to fungicides.
Report No. 2: Adaptation to perfluorinated alcohol. H. T.
Iyakov, E. G. Sodykkozhayeva. Mik. i fitopat. 2 no. 2:
117-120 '66.

Antiparasitic effects of acetylcholine and diacetylcholine
on *Chrysomela*. I. N. Zvezda, E. G. Sodykkozhayeva, M. A. Makinov.
Izv. AN Kazakh. SSR, Ser. Khim., 16 no. 1: 81-84 Jan '66.

Dialkylaminoalkyl and alkylalkyl esters of N-phenyl-
phosphoryl carbamate (Nikol. I. Z. Zvezda, E. G. Sodykkozhayeva, M. A. Makinov. Izv. AN Kazakh. SSR, Ser. Khim., 16 no. 3:
3-10 May '66.

Effect of insecticide-metaphosphates, tralene, thlophos and chlo-
rpychlophos on the cultural corn. S. G.
TSarev and others. Dokl. zap. Kav. 9: 189-197 '67.

Industrial hygiene in working with toxic chemicals on
farms. N. A. Nazarkina. Dokl. zap. Kav. gos. un. no. 58:
193-196 '67.

Phytophagous and insectivorous. S. M. Muge. Zoolo-
gich. 39 no. 8: 73-76 Jan '68.

Prophylaxis of prophylaxis of massive attacks of blood
sucking flies. V. Z. Kovban. Veterinaria 45 no. 6:
89-91 Jan '68.

Protecting reindeer against mosquitoes. V. A. Polnikov.
Veterinaria 45 no. 6: 91-93 Jan '68.

Strengthening the control of harmful insects and ticks.
Veterinaria 45 no. 6: 1-3 Jan '68.

Testing of poisonous baits in control of mouse-like rodents
in Khabarovsk Territory. M. A. Garbuzov. Izv. Irk. gos.
prof. in-ta, inst. Sib. i Dal'n. Vost. 23: 384-389 '63.

Tests of diethyltoluamide (DET) for protection of
animals against mosquitoes. P. V. Semenov, N. P.
Gomolova, A. P. Korolev. Veterinaria 45 no. 6: 87-
88 Jan '68.

Use of hexin to control the tick *Ixodes ricinus*. O. S.
Dzasekov and others. Veterinaria 45 no. 6: 85-87
Jan '68.

632.9(575)—Akkatic U.S.S.R.
Protecting northern deer from harmful insects. D. V.
Sval'ov. Probl. Ser. no. 13: 94-97 '68.

632.9(575).56)—Yakut A.S.S.R.
Use of betulinides in the Yakut A.S.S.R. N. T. Popov.
Trudy VUA no. 41: 223-227 '66.

633 Field crops. Industrial crops
Barley and spring wheat sowing periods. N. D. Kikhin,
I. E. Mikhovskaya. Sbor. nauch. tr. Bel. i bel. inst. zem. 11: 213-221 '67.

Isle characteristics of barley seeds and seedlings.
K. P. Anikina. Trudy Sakh. bot. nauch. no. 16: 131-139 '67.

Both cotton and grain. G. A. Gubanov. Zernotsele 20
no. 5: 14-15 Jan '68.

Change of the technological properties of single seed and
multi seed beans depending on fertilization method. I. K.
Izraelenko. Sakh. prom. 42 no. 5: 41-43 May '68.

Characteristics of various grain and sugar crops
species based on vegetation period. M. A. Kozlov.
Izv. AN Turk. SSR, Ser. Biol. nauk. no. 1: 44-51 '68.

Characteristics of water balance and anatomical
structure in polyloid sugar beet leaves. I. A. Istok-
skaya and others. Vest. AN BSSR, Ser. Biol. nauk. no. 4:
33-38 '67.

Completion of the Five Year Plan ahead of schedule.
M. Oskur. Tekh. v sel'sk. khoz. 28 no. 4: 6-7 '68.

Corn on irrigated fields. E. Sushkov. Zernotsele 30
no. 6: 45-46 Jan '68.

Crop rotation and grain quality. I. Kallanenko, I. G. Orlov.
Zernotsele 30 no. 6: 48-52 Jan '68.

Cytological and cytogenetical study of the development
of female gametophyte in rice of various ploidy levels.
I. A. Makharina. Dokl. zap. Kav. gos. un. no. 58:
193-196 '67.

Determination of the impact of bees on net weight
scales. A. K. Popov. Sakh. prom. 42 no. 5: 43-47 '68.

Determining the activity of polyphenoloxidase in wheat
flour. E. M. Lukach, I. I. Shkarpukina. Khim. i tekhn.
prom. 12 no. 5: 12-14 May '68.

Distribution of flux in crop rotations in soil-podzolic
loamy soils. P. E. Prokopenko, A. G. Kozlov. Sbor.
nauch. tr. Bel. i bel. inst. zem. 11: 21-27 '67.

Economic effectiveness of irrigated tobacco growing.
V. N. Shalimov, P. N. Oskur, I. M. Pogrebnyy. Khim.
prom. 12 no. 5: 25-27 Jan '68.

Economic effectiveness of using mineral fertilizers on
crops. A. I. Skripshenev. Mikroben. v SSSR. no. 5:
80-90 '67.

Effect of allogenic pollen on the infestation of wheat
kernels. N. D. Mikhlin, T. V. Lipitskaya. Sbor. nauch.
tr. Bel. i bel. inst. zem. 11: 222-232 '67.

Effect of different levels of nitrogen-phosphorus-potash
nutrition of the harvest and quality of sugar beets.
V. S. Rubanov, I. I. Doroshov. Sbor. nauch. tr. Bel. i
bel. inst. zem. 11: 233-238 '67.

Effect of electric current in soil on the growth, develop-
ment and yield of corn. V. I. Ostapenko, I. G. Tikhov,
B. L. Nikitin. Trudy TSGI. 9: 401-402 '67.

Effect of fertilizers and preplanting irrigation of seeds
with gamma rays Co^{60} on the quality of corn grain.
P. A. Vlasov, V. V. Martynov. Dop. AN URSR, Ser. B
30 no. 2: 167-171 Feb '68.

Effect of fertilizers on the root system of winter wheat
productivity. G. S. Bulyk. Trudy VUA no. 44: 131-
133 '66.

Effect of lime and nickel on the loss of nitrogen with
the harvest of corn and oil green portions depending on
pre-sowing seed treatment. M. V. Eshenkov and others.
Mikroben. v SSSR. no. 5: 74-78 '67.

Effect of mineral fertilizers on the barley crop in dark-
gray forest soils of different cultivation. S. N. Adil'manov.
Trudy VUA no. 44: 24-30 '66.

Effect of mineral fertilizers on the fine seed and straw
crop in light loamy soils. I. A. Ustulova. Sbor. nauch.
tr. Bel. i bel. inst. zem. 11: 233-238 '67.

Effect of mineral fertilizers on early stages in the development
of wheat. A. A. Supelkin. Mikroben. v SSSR. no. 5:
83-87 '67.

Effect of pre-sowing gamma irradiation on straw
seed germination and seedling growth. V. I. Nikitin,
A. A. Zubov, I. U. Arkhipov. Trudy TSGI. 9: 369-
374 '67.

Effect of pre-sowing ultraviolet and X-ray irradiation
of seeds on seed growth. V. I. Ostapenko, I. G. Tikhov.
Trudy TSGI. 9: 406-407 '67.

Effect of the pre-sowing soaking of large grain buck-
wheat on the seed crop. A. M. Doroshov. Sbor. nauch.
tr. Bel. i bel. inst. zem. 11: 233-238 '67.

Effect of the proportion of elements in mineral fertilizers
on harvest and quality of barley. N. M. Karmanenko.
Trudy VUA no. 44: 130-135 '66.

Effect of the time and methods of seed sowing of field
crops. A. N. Anokhin. Sbor. nauch. tr. Bel. i bel. inst. zem. 11: 234-238 '67.

Effectiveness of fertilizers on sugar beets in forest
dark-chestnut soils under irrigation. I. A. Gorbik.
Trudy VUA no. 44: 62-76 '66.

Eliminate grain losses in harvesting. Zernotsele 30
no. 6: 54-60 Jan '68.

Embryogenesis in the genus *Trillium* L. as related
to the problems of monoclonal nature and more
hybridization in Gramineae. T. B. Balygina. Dokl. zap.
Kav. gos. un. no. 58: 193-196 '67.

Fertilization of winter wheat in eroded and leached
Chernozems. A. M. Gordeev. Trudy VUA no. 44: 13-
16 Jan '68.

Foliar feeding of plants by nitrogen and the quality of
winter wheat grain. L. G. Karandashev. Trudy VUA
no. 44: 13-16 '66.

Geographically remote hybridization of corn. I. G. Tikhov.
Trudy TSGI. 9: 402-407 '67.

Growing buckwheat in the stubble of winter grain crops.
I. Elagin. Zernotsele 30 no. 6: 43-45 Jan '68.

Growth substances in dry seeds of diploid and tetra-
ploid millet. E. A. Zdobrak, L. V. Runkova, I. U. E.
Nikitin. Vest. AN BSSR, Ser. Biol. nauk. no. 1: 63-
67 '67.

- 633(471.323)—Kurak Province
Effect of mineral supplements on the summer barley harvest in the typical eroded Chernozems of Kurak Province. V. E. Aivushenko. Trudy VIUA no. 44-165-170 '66.
- 633(471.333)—Bryansk Province
Effect of mineral fertilizers on the sugar beet crop in the sandy-loam soils of Bryansk Province. V. K. Goltsova. Trudy VIUA no. 44-31-38 '66.
- 633(471.61)—Rostov Province
Effectiveness of mineral fertilizers on corn in the calcareous Chernozems. A. A. Gritsenko. Trudy VIUA no. 44-160-121 '66.
- 633(471.62)—Krasnodar Territory
Effectiveness of mineral fertilizers on corn in the calcareous Chernozems under irrigation. V. M. Chelugov, I. U. M. Trofimov. Trudy VIUA no. 44-17-89 '66.
- 633(471.63)—Stavropol Territory
Effect of the dose and proportion of the basic elements in mineral fertilizers on the harvest and quality of Russian wheat under irrigation in Stavropol Territory. V. P. Semikhov. Trudy VIUA no. 44-126-110 '66.
- 633(471.67)—Dagestan A. S. S. R.
Cultivation of Georgian madder in Dagestan. P. Kh. Bekoev. Biol. Glav. Inst. zool. no. 67-88-91 '67.
- 633(474.5)—Lithuanian S. S. R.
Effect of melonhens and rabbits on the harvest and sugar level of sugar beet roots. A. U. Skripilova. Trudy VIUA no. 44-161-167 '66.
- 633(4761)—White Russian S. S. R.
Characteristics of single seed sugar beet cultivation in western districts of the White Russian S. S. R. I. D. Sytnitskiy. Stor. nach. trad. Bel. nach. - Inst. zool. no. 373-440 '67.
- Local forms of corn in White Russia. D. N. Zil'marev. Stor. nach. trad. Bel. nach. - Inst. zool. no. 375-322 '67.
- Selection work with tetraploid rye in White Russia. N. D. Nikulina, N. A. Sobukova, N. M. Semenovna. Stor. nach. trad. Bel. nach. - Inst. zool. no. 342-244 '67.
- 633(479.24)—Azerbaijan S. S. R.
Causes of epiphytiosis of *Peronospora latebra* Adm. in the Azerbaijan S. S. R. G. R. Bagdasaryan. Mik. i fitopat. 2 no. 2 121-124 '68.
- 633(479.242)—Nakhichevan A. S. S. R.
Effect of different doses and combinations of mineral fertilizers on the accumulation of nitrogen, phosphorus and potassium in winter wheat. V. G. Zaitsev. Dokl. AN Azerb. SSR 23 no. 10:34-37 '67.
- 633(574)—Kazakh S. S. R.
Hydrological characteristics of beet varieties in the southern zone of Kazakhstan (Alma-Ata Province). K. T. Verkhovskiy. Trudy Inst. bot. AN Kazakh SSR 2:75-86 '68.
- 633(575)—Central Asia
Effect of the dose of fertilizer with different P_2O_5 contents in the soil on the crop yield of Central Asian conditions. M. V. Zakharenko. Trudy VIUA no. 44-81-93 '66.
- 633(576.1)—Uzbek S. S. R.
Forecasting the mean yield of cotton in Uzbekistan. I. G. Sakhidze. Mikrobiol. no. 5-47-63 May '68.
- Put the drying facilities to work at full capacity. Izvestiya 10 no. 435-46 '68.
- 633.2 Forage grasses and grassland
Alekseyenko, L. N. [Productivity of meadow plants depending on the environment]. Produktivnost' i gosykh kastyel v zavisimosti ot okruzheniya. Leningrad, Izd. Leningr. univ., 1967. 188 p.
- Influence of the leguminous root and stubble mass. V. I. Shumilov, N. P. Kukresh. Stor. nach. trad. Bel. nach. - Inst. zool. no. 389-80 '67.
- Is not this loss in laying. V. G. Gusev. Zool. zhurnal 30 no. 6:26-27 '66.
- Economic evaluation of forage crops. G. Makhanov. A. G. Gusev. Ekonom. zhurnal, 43 no. 4:110-112 '66.
- Effect of fertilizers on the accumulation of root and stubble remains of leguminous cultures. V. I. Shumilov, N. P. Kukresh. Stor. nach. trad. Bel. nach. - Inst. zool. no. 389-80 '67.
- Effect of mineral fertilizers on the harvest and seed quality of the European yellow lupine. I. G. Strelkov, V. A. Evdokimova. Stor. nach. trad. Bel. nach. - Inst. zool. no. 386-172 '67.
- Effect of the depth of fall plowing of sandy loam soil on the weediness of lupine crops. G. D. Bolov. Stor. nach. trad. Bel. nach. - Inst. zool. no. 386-172 '67.
- Laying in the United States. A. Tolopolskiy. Zool. zhurnal 30 no. 6:46-47 '66.
- Influence of soil moisture on the seed productivity of European yellow lupine. T. P. Potapova. Stor. nach. trad. Bel. nach. - Inst. zool. no. 386-172 '67.
- Lupine in secondary forests. M. Vasilchenko. Zool. zhurnal 30 no. 6:39-42 '66.
- Raising summer yields on chicken runs on poultry farms. D. M. Korotkov. Uch. zap. Mord. gos. un. no. 59:247-253 '67.
- Use of brown grass herbage. V. Kholodov. Zool. zhurnal 30 no. 6:24-25 '66.
- When is the best time to mow lucerne? N. Krasnobardye. Zool. zhurnal 30 no. 8:23-24 '68.
- 633.2(471.1)—Northern R. S. F. S. R.
Feed production in the rotation of crops on the meadows and forage fields belonging to the livestock sections in the Far North. A. I. Ivanovskiy. Probl. Sov. no. 13:219-227 '68.
- Problems of improving the efficiency of natural feed supply in the Far North. Z. P. Savkina. Probl. Sov. no. 13:210-218 '68.
- Problems of the efficient use and improvement of deer pastures. V. N. Andreev. Probl. Sov. no. 13:76-87 '68.
- 633.2(476)—Ukrainian S. S. R.
Hydrological characteristics of fenoplains meadows in the upper Dnieper Valley. I. D. Kravchuk, N. A. Martyn. Vestn. AN BSSR, Ser. biol. nav. no. 4:15-19 '67.
- 633.2(57)—Altai U. S. S. R.
Feed production in the rotation of crops on the meadows and forage fields belonging to the livestock sections in the Far North. A. I. Ivanovskiy. Probl. Sov. no. 13:219-227 '68.
- Problems of improving the efficiency of natural feed supply in the Far North. Z. P. Savkina. Probl. Sov. no. 13:210-218 '68.
- Problems of the efficient use and improvement of deer pastures. V. N. Andreev. Probl. Sov. no. 13:76-87 '68.
- 633.2(571.53)—Irkutsk Province
Effect of trace elements on the productivity of blue hybrid alfalfa in the soddy-estuary soils of Irkutsk Province. A. M. Sakhnev. Mikrobiol. no. 5:70-82 '67.
- 633.2(571.66)—Kamchatka Province
Introduction of the rotation of pastures in the most important condition for further development of deer raising. I. I. Bagayev, V. S. Stalov. Probl. Sov. no. 13:88-93 '68.
- 634.0 Forestry
An additional reserve for the production of fodder yeasts. B. K. Prizhigovskiy. Gidroliz i biosintez, 21 no. 1:21-24 '68.
- Analysis of the low melting point fraction of neutral products of the pyrolysis of wood resins. S. M. Kishinev, V. I. Komlev. Gidroliz i biosintez, 21 no. 4:22-23 '66.
- Apparatus for the study of the operating modes of the TBT-76 turbine steam engine. I. M. Yakushev and others. Trakt. i mashinostroenie, no. 5:29-31 '67.
- Aspen metabolism in oak forests grown on the Chernozems. T. D. Kobakova. Trudy TSentr. Chern. gos. zap. no. 10:143-153 '67.
- Conifer strength in waste water purification. N. P. Doudov, V. P. Mikh. Gidroliz i biosintez, 21 no. 1:13 '68.
- Classification of winter foliage and leaflessness of English oak. A. M. Krasnitskiy. Trudy TSentr. Chern. gos. zap. no. 10:10-12 '67.
- Chopping silviculture. N. I. Nakhshin, V. P. Ushakov, A. I. Rukhovich. Gidroliz i biosintez, 21 no. 1:19-20 '68.
- Classification of, and some studies on the appearance of the most important reserves for the future of the productivity of labor in logging enterprises. S. A. Maslennikov. Izv. Gos. inzh. der. prom. no. 4:137-143 '67.
- Conference on the problems of drying yeast and lignin. V. I. Zhil'marev. Gidroliz i biosintez, 21 no. 4:30-31 '68.
- Converting difficult to hydrolyze polysaccharides of plant tissues into a easy in hydrolyze by using hydrogen when the under pressure. V. I. Zhil'marev and others. Gidroliz i biosintez, 21 no. 1:45-46 '68.
- Determination of the composition of industrial samples of wood resins of the Asian Wood Processing Institute. V. N. Pustikov, A. K. Shaturskiy, A. A. Kishinev. Gidroliz i biosintez, 21 no. 1:16-17 '66.
- Hydrolysis of lignin in a thermocatalytic apparatus. L. N. Vasyukova and others. Gidroliz i biosintez, 21 no. 1:14-15 '66.
- Dynamic characteristics of the process of ascorbification of acetic acid by butanol. E. A. Maklov. Gidroliz i biosintez, 21 no. 4:10-20 '68.
- Efficient efficiency in the production and use of fodder yeast. N. V. Markan. Gidroliz i biosintez, 21 no. 1:1-3 '68.
- Effect of water on the speed of autooxidation of Δ^5 -stearic and diphosphate. I. I. Zhil'marev and others. Gidroliz i biosintez, 21 no. 4:12-13 '68.
- Exploitation of phytoecological role of various species under complex vegetation conditions of the meadow steppe. D. I. Iosadskiy. Trudy TSentr. Chern. gos. zap. no. 10:17-26 '67.
- 10th Congress of the Scientific-Technical Society. Gidroliz i biosintez, 21 no. 1:3-4 '68.
- First institution of higher technical learning in the Komi A. S. S. R. M. G. Lev. Izv. gos. inzh. der. prom. no. 4:10-11 '67.
- [Forestry and forest management] Bel. zhurn.: Lesoved. i lesovod. nos. 5-7, My-JI '68.
- Forestry and woodworking industries in the fifty years of Soviet power. A. I. Ananov and others. Izv. Gos. inzh. der. prom. no. 4:3-10 '67.
- Gabriel, B. G., and V. I. Mel'nikov. [Fundamentals of the dynamics of logging rolling stock] Osnovy dinamiki lesovoznogo podvizhnogo sostava. Moskva, "Lestnitsa prom. st." 1967. 220 p.
- Glycerol formal ethers. M. H. Khalkina. Izv. Gos. inzh. der. prom. no. 4:52-58 '67.
- Growth and development of woody plant seedlings as related to light balance. M. D. Nesterovitch, N. I. Martynuk. Vestn. AN BSSR, Ser. biol. nav. no. 4:10-14 '67.
- Handbook "Products of chemical and chemical-mechanical treatment of wood". M. A. Khalkina. Gidroliz i biosintez, 21 no. 1:30-31 '68.
- Improving iron packing containers for oleoresins. V. I. Bondarev. Gidroliz i biosintez, 21 no. 4:18-19 '68.
- Isoopropylidene glycerol esters with saturated monocyclic carboxylic acids. N. V. Kamenik, M. B. Khalkina. Izv. Gos. inzh. der. prom. no. 4:56-59 '67.
- Kinetics of thermal decomposition of wood. I. U. N. Korshunov, A. A. Lyskovskiy, E. I. Shumilovskiy. Gidroliz i biosintez, 21 no. 4:9-12 '68.

Molchanov, A. A., and V. V. Smirnov. [Methodology of studying the increment of woody plants] Metodika izucheniya prirastaniya drevnykh rasteniy. Moskva, "Nauka," 1967. 95 p.

Natural resources and the harvesting agents' supplies. In: *Soyuz. Sel'sk. khoz. prom.*, 12 no. 5:31-45. May '66. New method of connecting manometers in pulsating transmission of pressure. N. D. Kuznetsov. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Orchardability of forest steppe. G. I. Goshman. *Trudy Tsent. Chern. gos. zap.*, no. 10:9-16 '62. Parameters of timber loading tractors. M. V. Plakun, N. K. Litvinenko. *Tr. Leningrad. gos. univ.*, no. 4:120-124 '67.

Preparation of fuel for charging hydraulic apparatus. A. S. Medvedev, H. D. Rylovskiy. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Prevention of using insecticides under central control at foresty plants. V. A. Tchernev, I. I. Finkov, A. S. Pichukin. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Prevention of yeast from fermented mash by pasteurization of soil. M. S. Dubovskiy and others. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Quality of aerial cables. L. F. Ostapenko. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Samolovich, G. G. [Field practice of working with aerial photographs in forest valuation surveys. Textbook for summer practice of students of the forestry department] Polovna praktika raboty s aerofotomirami pri takatsii lesa. Uchebnoe posobie dlya telet praktiki studentov leskhozstvennogo fakul'teta. Leningrad, 1967. 73 p.

Selection of a sealed lamp for use. P. I. Fedotkin, R. P. Gerasimov. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Solving the problem of repairing explosion-proof electrical equipment. I. M. Yur. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Tapping tar impregnated wood by a chemical tap with the application of calcium hypochlorite. H. M. Dyshin, V. V. Korolev. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Matveyev. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Three-point valve for filling cylinders with carbamate acid. D. I. Pypov. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Traction dynamics of a timber skidding tractor. T. A. Buzarov, M. A. Zaitseva. *Trakt. i sel'khoz. mash.*, no. 5:12-15 '66.

Variability of biological resin productivity of spruce pines. A. V. Ilyukhin, V. V. Lugovskiy, V. F. Pichukin. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Vasilchenko, G. V., and V. I. Prokhorov. [Black-fruited rowan tree] *Chernoplodnaya ribina*. Pod red. N. A. Lisavenko. [Moskva, "Kolos," 1967] 95 p.

Viscosity of some colophony solutions. L. V. Medvedev, A. S. Pichukin, and others. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:27 '63.

Water balance in rich Chernozems of oak spruce forest and oak stands. V. V. Gortsev. *Trudy Tsent. Chern. gos. zap.*, no. 10:109-132 '67.

Zavodchenko, I. F. [We use hydraulic wedge in felling trees] Na valke lesa primeneniye gidroklina. [Arkhangelsk] Sev.-Zap. ka. izd., 1967. 36 p.

634.0 (470)—European U.S.S.R.

Characteristics of buds of some plants in the Sirelets'koye Steppes. M. L. Paderevskaya. *Trudy Tsent. Chern. gos. zap.*, no. 10:117-40 '67.

Dynamics of vegetation of the northern steppe tundra and climatic variability as exemplified by the Sirelets'koye Steppes of Kursk Province. N. A. Tishanov. *Trudy Tsent. Chern. gos. zap.*, no. 10:27-38 '67.

History of *Dicentra Fereol* based on mammal burrows study. L. G. Dinevman. *Trudy Tsent. Chern. gos. zap.*, no. 10:101-108 '67.

Soil characteristics of the Sirelets'koye part of the Central Chernozem Preserve. L. K. Tselishcheva, E. K. Danchev. *Trudy Tsent. Chern. gos. zap.*, no. 10:134-186 '67.

634.0 (471.31)—Moscow Province

Connection between forest vegetation and soil-forming rocks in the northern slope of the Kiselev-Dmitrov'skaya Ridge. V. V. Petrov, P. N. Chizhikov. *Zhurnal Zem.*, no. 3:74-82 '66.

634.0 (471.32)—Central Black Earth regions

History of the creation of geographical English oak cultures in the Central Chernozem Preserve. A. M. Smolacev. *Trudy Tsent. Chern. gos. zap.*, no. 10:50-58 '67.

634.0 (471.45)—Volgograd Province

Reconstruction of drainage pits at the Volgograd Hydrol. inst. V. A. Rodin, S. M. Merzlikin. *Gidroliz. i lesokhiz. prom.*, 21 no. 1:21-22 '68.

634.0 (471.5)—Ural regions

Expanding rearing operations in the Northern Urals. V. I. Pest'akov. *Gidroliz. i lesokhiz. prom.*, 21 no. 4:28 '68.

634.0 (477)—Ukrainian S.S.R.

Economic evaluation of principal yield cutting in the Carpathians. T. A. Kislova. *Les. bum. i der. prom.*, no. 4:125-133 '67.

Forests of the Chernigov region. Report No. 2. Hardwood forests. S. O. Mutlarchuk. *Ukr. bot. zhur.*, 26 no. 2:46-54. Mr.-Ap '68.

634.0 (571.51)—Krasnoyarsk Territory

Using a cemented percolation method at the Kanskaya Plant. I. Sh. Krasov, V. I. Gribanov. *Gidroliz. i lesokhiz. prom.*, 21 no. 1:18-19 '68.

634.1 Fruit growing

Apple varieties and hybrids resistant to *Byasotrypa carmellosa*. A. P. Okolelova. *Trudy TSGI*, 9:312-316 '67.

Biological properties of pollen and ovules of some fruit plants. V. I. Ostapenko, S. D. Byzhkov. *Trudy TSGI*, 9:316-317 '67.

Biologically active substances in mountain and chokeberry fruits. M. A. Kurmanov. *Trudy TSGI*, 9:319-323 '67.

Causes for different bud fertility in grapes. I. M. Filippenko. *Trudy TSGI*, 9:281-284 '67.

Changes in the growth and flowering nature of stony fruits subjected to X-ray irradiation. O. S. Zhukov. *Trudy TSGI*, 9:285-284 '67.

Cytological studies and polyploidy in fruit plants. O. S. Zhukov. *Trudy TSGI*, 9:111-114 '67.

Differences in tissue quality as a basis for clone selection of apple. T. K. Poplavskaya. *Trudy TSGI*, 9:21-30 '67.

Dominance and splitting in hybrid progeny obtained from tree and forced pollination of Michurin apple varieties. A. P. Yarkova. *Trudy TSGI*, 9:37-40 '67.

Ecologic characteristics of Veneria pond and some causes of the resistance to it. I. I. Vain. *Trudy TSGI*, 9:327-332 '67.

Effect of gibberellin on fruit and berry plants. O. S. Zhukov. *Trudy TSGI*, 9:267-270 '67.

Effect of nitrogen and phosphorus feed conditions on the content of free amino acids and amides in grapevine sap in the spring-awakening period. A. I. Cheban. *Trudy VITA*, no. 41:14-23 '66.

Effect of precooling gamma irradiation on strawberry a seed germination and seedling growth. V. I. Nikitin, A. A. Zubov, I. U. B. Arkhipov. *Trudy TSGI*, 9:90-98 '67.

Embryo and pericarp formation in cherry and plum. I. S. Chirnykh. *Trudy TSGI*, 9:141-157 '67.

Embryogenesis and young fruit shedding in cherry and cherry-sweet hybrids. E. N. Kharitonenko, I. P. Spitayn. *Trudy TSGI*, 9:131-134 '67.

Frost resistance and vegetation timing in grape seedlings. I. M. Filippenko, A. V. Lebedev. *Trudy TSGI*, 9:36-37 '67.

Frost resistance in Siberian apple hybrids of the second generation. G. G. Smykova. *Trudy TSGI*, 9:41-47 '67.

Fruit quality in the second generation of Siberian apple hybrids. G. G. Smykova. *Trudy TSGI*, 8:47-51 '67.

[Growing fruit and berries] *Vyrashchivaniye plodov i lagod. Minak*, ["Urozhai," 1966. 154 p. (Posobie dlya shkol' peredovogo opyta).

Important branch. A. O. Vlasov. *Khar. prom.*, 6 co. 3:28-29. May-June '68.

Mitotic and meiotic processes in ovaries of *Corylus avellana* L. and *Amelanchier canadensis* Mill. I. P. Chuvashina, V. I. Ostapenko, S. M. Gorbun. *Trudy TSGI*, 9:134-138 '67.

Mycological methods for studying the characteristic resistance of fruit trees to facultative parasites. I. I. Minkevich. *Mik. i fitopat.*, 21 no. 1:24-28 '66.

New sweet cherry variety Valeri Chkalov. I. N. Kurmanov. *Trudy TSGI*, 9:66-67 '67.

Regression analysis of the growth of apple tree seedlings. V. E. Perel'mov. *Trudy TSGI*, 9:281-286 '67.

Relationship between the germination of cherry and cherry-sweet hybrid seeds and weather conditions. I. P. Spitayn. *Trudy TSGI*, 8:138-141 '67.

Resting period in fruit seeds. I. A. S. Kostorov. *Trudy TSGI*, 9:100-101 '67.

Results of the study of embryogenesis of cherry, sweet cherry and cherry-sweet cherry hybrids. I. P. Spitayn. *Trudy TSGI*, 9:151-159 '67.

Rybitki, N. A., and V. F. Orlov. [Grafting of fruit trees. Practical handbook] *Prilivka plodovykh drev'ev. Prakt. rukovodstvo*. Leningrad, Leningrad, 1968. 86 p.

Shkilar, S. N. [Bacterial blight of fruit trees] *Daktsial'nyy ozhog plodovykh drev'ev*. Pod red. V. P. Izrael'skogo. Moskva, "Kolos," 1967. 30 p.

Some anomalies in the embryogeny of apple tree domestic Borkh. I. A. A. Radionenko. *Ukr. bot. zhur.*, 25 no. 2:70-78. Mr.-Ap '68.

Strawberry diseases and pests and the stability of its varieties. I. I. Vain, A. G. Smirnov. *Trudy TSGI*, 9:351-354 '67.

Strawberry varieties. A. G. Smirnov. *Trudy TSGI*, 8:67-72 '67.

Study of individual apple tree development in relation to the origin of buds and cuttings. V. M. Tishchenko. *Trudy TSGI*, 9:314-316 '67.

Studying new varieties and elite seedlings of plums. L. V. Karsukova. *Trudy TSGI*, 9:56-65 '67.

Transformation of the lapetum in some hybrid fruit cultures with male sterility. N. I. Chuvashina. *Trudy TSGI*, 8:125-130 '67.

Utilization of ionizing and ultraviolet radiation in crossing some fruit varieties. V. I. Ostapenko, S. P. Yakovlev. *Trudy TSGI*, 9:73-79 '67.

Variability of biological characters of Vitis vinifera L. in relation to geographical cultivation zones. P. A. Golobriga, I. L. Zolotarev. *Bot. Glav. bot. sada*, no. 67:10-25 '67.

Vernalization stages in grapevines. I. M. Filippenko, V. S. Kudrinskaya. *Trudy TSGI*, 8:302-311 '67.

634.1 (471.22)—Karelian S.S.R.

Late fall seedling of the apple tree. P. M. Kurkhinon. *Uch. zap. Petrov. gos. un.*, 18 no. 1:18-23 '68.

Winter hardiness of apple varieties of different breeding in Karelia. I. M. Pelkonen. *Uch. zap. Petrov. gos. un.*, 18 no. 1:14-17 '66.

634.1 (471.23)—Leningrad Province

First discovery of *Phyllosticta mali* (Kl.) of Belyan. McCollin in Leningrad Province. V. I. Potelchuk, N. N. Pashkova. *Mik. i fitopat.*, 2 no. 2:146-148 '66.

634.1 (471.31)—Moscow Province

Apple with caused by *Venturia taenialis* (Ck.) Wint. in Moscow Province. Z. K. Klinchikova. *Mik. i fitopat.*, 2 no. 2:143-144 '66.

634.1 (471.32)—Tsimbuv Province

Effect of air temperature on the nature of flower opening in Tomkov. Province. S. N. Agarkova. *Trudy TSGI*, 9:311-314 '67.

635 Horticulture. Gardens and gardening

Cytological study of the genus *Solanum* L. species. f. I. Gerasimenko, S. A. Roznikova. *Bot. zhur.*, 53 no. 4:605-613. Apr '68.

635.1 Vegetable gardening and vegetables

Adams, I. I. [Seed potato growing] *Semennovodstvo kartofoln. Minsk*, ["Urozhai," 1967. 140 p.

An automatic machine for planting vernalized potatoes. S. K. Golovtshin. *Trakt. i sel'khoz. mash.*, no. 5:31-39. May '68.

Bazilevich, N. A. [Mechanization of potato cultivation in Kazakhstan] *Mekhanizatsiya vozdeleyvaniya kartofela v Kazakhstane*. Alma-Ata, "Kainar," 1967. 110 p.

Change of the chemical content of calliflowers during storage. A. A. Kolosnik, K. Ognova. *Sbor. nauch. rab. INKII*, no. 17:64-64 '61.

Change of the chemical content of calliflowers in the process of maturing. A. A. Kolosnik, O. K. Ognova. *Sbor. nauch. rab. INKII*, no. 17:49-54 '61.

Cultivation of potatoes on reclaimed peat soils. L. Bezukh. *Tekhn. v ust'khoz.*, 20 no. 1:9-12 '68.

Current problems of the fruit and vegetable in the P. Ponomarev. *Sov. iorg.*, 41 no. 6:13-21. June '68.

Distribution of potatoes in crop rotations in podzolized sandy soils. P. I. Prokhorov, P. I. Kozlovskiy. *Sbor. nauch. rab. INKII*, no. 17:34-45 '61.

Effect of mineral nutrition on the accumulation of chlorophyll and carotenoids in potato leaves. M. A. Banchuk, A. V. Shadrinskaya. *Vestn. AN SSSR. Ser. biol. i med. nauch.*, no. 1:5-11 '67.

Experience in mechanized potato planting. S. Kozlov. *Trakt. i sel'khoz. mash.*, 28 no. 4:51-53. Apr '67.

Heat release during respiration and its effect on the preservation of fruit and vegetables. A. A. Kozlovskiy. *Sbor. nauch. rab. INKII*, no. 17:34-45 '61.

Kosmrov, V. A., and T. I. Volikova. [Agricultural crops in the North (Järviselänin kirkko)]. Results of experimental and production tests. *Bel'akholozstvennoye kuit'ny na Sovoro (Jopnambur)*. *Norl'nyytnykh i protsrolisovnykh rabot*. Syktyvkar. Komi kn. izd., 1968. 46 p. (Akademiya nauk SSSR. Komi filial, Syktyvkar. Trudy, no. 17, pl. 1).

Machin accounting for state inventories in fruit and vegetable growing. G. Novikova. *Uch. zap. 27 no. 3* 22-24. Mr.-Ap '68.

Mechanization of tomato harvesting. V. P. Molodtsov, E. D. Oshchepko. *Kans. i ov. prom.*, 23 no. 4:17-19. Apr '68.

New technology of cultivating and harvesting potatoes. V. Chaplev, T. Chapleva. *Tekhn. v ust'khoz.*, 20 no. 4:12-15 '68.

Operating features of the SN-41 potato planter with plows designed for use in rocky fields. M. Kna. *Tekhn. v ust'khoz.*, 20 no. 4:53-55 '68.

Palenbo, A. P. [How to increase potato crops] *Kak povysit' urozhai kartofoln*. [Leningrad] Leningrad, 1968. 97 p.

Re-equipping the 2STSN-6A heat source for vegetable seed sowing. S. Oshchepko. *Tekhn. v ust'khoz.*, 28 no. 4:16-16 '66.

Scientific Conference on Vegetable Gardening. I. I. Varamov. *Kons. i ov. prom.*, 23 no. 4:45. Apr '68.

Some sorts of carrots and their biochemical and agricultural characteristics. R. I. Zhamotik. *Sbor. nauch. rab. INKII*, no. 17:81-91 '61.

Study of the chemical content of beans. N. A. Smirnova. *Sbor. nauch. rab. INKII*, no. 17:81-91 '61.

Study of the consumption properties of beans. N. A. Smirnova. *Sbor. nauch. rab. INKII*, no. 17:81-91 '61.

635.1 (471.4)—Northern R. S. F. S. R.

Ways of developing and increasing the efficiency of vegetable gardening in the Far North. G. Z. Borson and others. *Probl. Sev.*, no. 13:177-187 '66.

635.1 (471.310)—Moscow City

Developmental rhythm of Siberian onion species in Moscow. O. V. Davova. *Bot. Glav. bot. sada*, no. 67:61-67 '67.

The vegetable trade of the capital. V. Shkolin. *Sov. iorg.*, 41 no. 6:26-26. June '68.

635.1 (471.46)—Astrakhan Province

Advanced work practice of specialized vegetable gardening brigades. T. F. Voronov. *Kons. i ov. prom.*, 23 no. 4:12-15. Apr '68.

5. 1(471.52)—Bashkir A. S. S. R.

Experience in pea growing on the Bakaly
Opyt vozdeliyaniya gorokha v Bakal'skom
Pod red. V. Kh. Khagil'dina. Ufa, Bashkir-
d., 1965. 34 p.

5. 1(471.62)—Krasnodar Territory

Feedings of early tomatoes. I. G. Khudoloi,
Krasn. lov. prom. 23 no. 4-15-16

5. 1(479.22)—Georgian S. S. R.

Losses during the harvesting of persim-
mons. N. Zhuravskaya, G. I. Flakun, A. I. Kupre-
nina. Sov. prom. 23 no. 4-22-24 Ap '68.

5. 1(57)—Asiatic U. S. S. R.

Improving and increasing the efficiency of
farming in the Far North. G. Z. Deronin
Probl. Sev. no. 13-177-187 '68.

5. 1(575.1)—Luzek S. S. R.

Procuring early vegetables. M. Khassanov,
Kazp. 12 no. 5-35-37 My '68.

5. 1(575.1)—Luzek S. S. R.

Use of the nitrogen in fertilizers by pea plants:
experiments with isotope N¹⁵. G. I. Lopukhin,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

Effect of the nitrogen in fertilizers on the
growth of peas. L. D. Sholovova,
Kazp. 12 no. 5-35-37 My '68.

636. 0(479.22)—Georgian S. S. R.

Landscape flower beds. T. N. Turchinskaya. Trudy
Sukh. bot. sada no. 16-126-130 '67.

638 Domestic animals

Production of mixed feeds and additives in Italy.
V. Brumakov. Sukh. bot. sada no. 16-126-130 '67.

638(471.1)—Northern R. S. F. S. R.

Ways of developing and increasing the economic efficiency
of livestock farming in the northern part of the
U. S. S. R. N. V. Trusov and others. Probl. Sev.
no. 13-188-196 '68.

638(471.13)—Komi A. S. S. R.

Problems of developing dairy farming in the region of
the Pechora Coal Basin. P. A. Porhov. Probl. Sev.
no. 13-187-201 '68.

638(57)—Asiatic U. S. S. R.

Ways of developing and increasing the economic efficiency
of livestock farming in the northern part of the
U. S. S. R. N. V. Trusov and others. Probl. Sev.
no. 13-188-196 '68.

638.08 Stock management. Breeding. Care

Crash program of action: competition of veterinary
specialties of the Transcaucasian republics. Veteri-
naria 44 no. 6-4-6 Je '68.

Determining the load capacity of the scraper of a feed-
distributing conveyor. I. V. Kutsakovskiy, A. A. Omer-
chuk. Trakt. i sel'khoz. mash. no. 3-33-35 '68.

Economic effectiveness of raising castrated and non-
castrated bull calves for meat. A. A. Fomina. Uch.
zap. Mord. gos. un. no. 59-93-96 '67.

Economic efficiency in the production and use of fodder
yeast. N. V. Bakken, G. I. Gidlovskiy. Prom. 21
no. 1-1-3 '68.

Effect of castration on gonad indices in the blood of bull
calves. A. A. Fomina. Uch. zap. Mord. gos. un. no. 59-
103-109 '67.

Effect of different types of feeding of pregnant ewes on
the growth of the lamb. V. I. Shaparin. Uch. zap. Mord.
gos. un. no. 59-207-211 '67.

Effect of feeding ammonium sulfate to pregnant ewes on
the intrauterine development of the fetus. G. M.
Almashev. Uch. zap. Mord. gos. un. no. 59-224-227 '67.

Effect of the breed of sow on the utilization of nutritive
substances in the feed ration. V. G. Frolova. Uch.
zap. Mord. gos. un. no. 59-236-243 '67.

The goal is productivity. D. Potopov. NTO 10 no. 5-33-
33 My '68.

Intrauterine development of lambs in relation to various
levels of feeding of ewes. S. A. Lapshin. Uch. zap.
Mord. gos. un. no. 59-188-193 '67.

The KDAI-2 OA hammer feed grinder. "Nesekvichka."
V. I. Gritsenko, D. S. Shorsikov. Trakt. i sel'khoz. mash.
no. 2-30 '68.

Let's improve the veterinary and sanitary conditions on
animal farms. I. I. Polubov. Uch. zap. Mord. gos. un.
no. 58-3-10 '67.

Margov, D. I. [Balancing of rations and combined feeds
on the basis of amino acids] Balansirovaniye raznoobraz-
nykh kombinirovannykh aminkislozhnykh. Moskva, Rosel'khoz-
izdat., 1967. 60 p.

Material on the diagnosis of hydrolidogenic cysticercosis
in farm animals. D. S. Shaparin. Uch. zap. Mord. gos. un.
no. 58-71-76 '67.

Measures in the eradication of hydrolidogenic cysticercosis
in farm animals. D. S. Shaparin. Uch. zap. Mord. gos. un.
no. 59-177-182 '67.

New machines for the mechanization of animal husbandry.
A. F. Kulev. Trakt. i sel'khoz. mash. no. 3-30-40
Mr '68.

Physiological indices in fives depending on changes of
the temperature and humidity conditions of the stall.
D. S. Shaparin. Uch. zap. Mord. gos. un. no. 58-143-
143 '67.

Prophylaxis of blood parasite diseases in animals.
I. A. Izakov. Veterinaria 45 no. 6-10-12 Je '68.

Providing cows with calcium and phosphorus. P. A.
Sharin. Uch. zap. Mord. gos. un. no. 59-78-82 '67.

Raising summer cyprids on chicken runs on poultry
farms. D. M. Karlov. Uch. zap. Mord. gos. un. no. 59-
247-253 '67.

Reserves in fodder production. V. Zhuravskiy, V. I. Aki-
menko. Zemel'no. 30 no. 6-28-29 Je '68.

Results of histological studies of the muscle tissue of
castrated and noncastrated bull calves. A. A. Fomina.
Uch. zap. Mord. gos. un. no. 59-97-102 '67.

Significance and utilization methods of lower autotrophic
organisms. V. V. Pivovarov and others. Vost. LGU 23
no. 9-14-23 My '68.

Standard method of tagging cattle. E. A. Shakhov, N. G.
Ipatenko. Veterinaria 45 no. 6-16-16 Je '68.

Strengthening the control of harmful insects and ticks.
Veterinaria 45 no. 6-1-3 Je '68.

Study of the effect of the shredding method and type of
knife on silage cutting. V. D. Tkach. Trakt. i sel'khoz. mash.
no. 3-27-28 Mr '68.

Using the PSN-1 silage feeding unit for grinding root
crops. N. N. Kestrov. Trakt. i sel'khoz. mash. no. 2-
46 '68.

Utilization of nutritive substances in the feed ration of
pregnant ewes in various levels of feeding. S. A.
Lapshin. Uch. zap. Mord. gos. un. no. 59-182-188 '67.

636. 0(471.1)—Northern R. S. F. S. R.

Ways of developing and improving the economic efficiency
of northern deer raising. N. O. D'achenko, P. K.
Kuzakov. Probl. Sev. no. 13-40-52 '68.

636. 0(471.21)—Murmansk Province

Deer grazing behind fences. V. S. Fedotov. Probl. Sev.
no. 13-268-272 '68.

636. 0(471.328)—Mordvin A. S. S. R.

Cattle breeding in Mordovia in the 19th and the beginning
of the 20th century: historical information on the forma-
tion of the Mordvin A. S. S. R. A. I. Pudov. Uch. zap.
Mord. gos. un. no. 59-4-65 '67.

Chemical composition of some organs and tissues of
young pigs fed on trace element salts. A. I. Komarov.
Uch. zap. Mord. gos. un. no. 59-163-171 '67.

Comparative characteristics of the meat quality of half-
bred Jersey-Simmental bull calves. B. P. Kostin.
Uch. zap. Mord. gos. un. no. 59-110-121 '67.

Content of fluorine and salts in some water sources for
farm animals in Mordovia. L. L. Shcheglova. Uch.
zap. Mord. gos. un. no. 59-49-52 '67.

Digestibility and assimilation of nutritive substances in
feed by half-bred Jersey-Simmental bull calves. B. P.
Kostin. Uch. zap. Mord. gos. un. no. 59-122-129 '67.

Effect of feeding copper sulfate to pregnant ewes on the
intrauterine development of the offspring. V. A. Koko-
ruv. Uch. zap. Mord. gos. un. no. 59-228-235 '67.

Effect of pregnancy and feeding level of ewes on fetal
nutrition. S. A. Lapshin. Uch. zap. Mord. gos. un.
no. 59-184-208 '67.

Effect of supplementary mineral feedings on weak young
pigs and those with rickets. I. I. Kudashkin. Uch. zap.
Mord. gos. un. no. 59-29-33 '67.

Effect of trace elements (Fe, Cu, Co) on the metabolism
of young pigs. A. E. Komarov. Uch. zap. Mord. gos. un.
no. 59-155-162 '67.

Experience in decreasing the amount of milk used in
raising purebred calves. F. B. Petrov. Uch. zap. Mord.
gos. un. no. 59-134-137 '67.

Experience in keeping chickens in wide area poultry
yards at the "Rod'evskiy" state farm. S. N. Zhuravov.
Uch. zap. Mord. gos. un. no. 59-214-219 '67.

Improving quality and assimilation of nutritive substances
in the feed ration by purebred and mixed breed swine.
A. K. Koslova. Uch. zap. Mord. gos. un. no. 59-144-
150 '67.

Geographical zoning of sheep breeds on collective and
state farms of the Mordvin A. S. S. R. D. M. Karlov.
Uch. zap. Mord. gos. un. no. 59-172-181 '67.

Growth and development of half-bred Jersey-Simmental
heifers. T. I. Blagoveshchenskaya. Uch. zap. Mord. gos.
un. no. 59-127-133 '67.

Let's increase measures to safeguard calves. I. I.
Podolov and others. Uch. zap. Mord. gos. un. no. 59-
11-16 '67.

Material on the characteristics of the meat and Makhra
River as sources for watering farm animals. D. S.
Shaparin. Uch. zap. Mord. gos. un. no. 59-53-64 '67.

Results of the selection of swine of the Berkshire breed
according to the cost of feed on the "Krasnaya Mordovia"
breeding farm. N. A. Zavadskiy. Uch. zap. Mord. gos. un.
no. 59-151-154 '67.

636. 0(479)—Mordvin A. S. S. R.

Efficiency of intercollektiv farm cattle breeding.
V. Patoka. Krasn. lov. prom. 43 no. 3-10-13 '68.

636. 0(481)—Norway

Deer raising in Norway. P. N. Vostrikov, A. A.
Mozul'skiy. Probl. Sev. no. 13-228-239 '68.

636. 0(487)—Asiatic U. S. S. R.

Protecting northern deer from harmful insects. D. V.
Svetlov. Probl. Sev. no. 13-94-97 '68.

Ways of developing and improving the economic efficiency
of northern deer raising. N. O. D'achenko, P. K.
Kuzakov. Probl. Sev. no. 13-40-52 '68.

636. 0(471.12)—Yamalo-Nenets National District

Potentialities of increasing the productivity of deer
raising in the Yamalo-Nenets National Area. P. N.
Vostrikov, M. M. Brodov. Probl. Sev. no. 13-63-
68 '68.

636. 0(471.511)—Trymmyr National District

Measures accounting in collective farm deer raising.
A. P. Rosilov. Probl. Sev. no. 13-88-103 '68.

636. 0(471.86)—Magadan Province

Interprovincial conference of deer breeders. M. V.
Tsiplakov, M. V. Shamov. Probl. Sev. no. 13-278-
279 '68.

Problems of developing deer raising in Magadan Province.
V. I. Dzudakov, V. I. Usatov. Probl. Sev. no. 13-80-
76 '68.

636. 0(471.88)—Kamchatka Province

Introduction of the rotation of pastures is the most im-
portant condition for further development of deer
raising. I. I. Dagnov, V. S. Shatalov. Probl. Sev.
no. 13-88-83 '68.

Problems of developing deer raising in Kamchatka
Province. I. I. Dagnov. Probl. Sev. no. 13-81-88 '68.

636.1 Horses

Advantages of the castration of stallions in a standing
position. A. S. Kashin. Veterinaria 45 no. 6-87
Je '68.

636.2 Cattle

- Lattle poisoning by fungus infected brewers' spores. I. A. Kuznetsov. Veterinaria 45 no. 6 55-57 Je '62.
- Changes of some peripheral blood indices in cattle with wounds. G. N. Vasin. Uch. zap. Mord. gos. un. no. 58:304-309 '62.
- Chemical composition of milk of Simmentalized cattle. A. I. Prudov. Uch. zap. Mord. gos. un. no. 58:56-71 '62.
- Clinical and histopathological changes in wounds in cattle. G. N. Vasin. Uch. zap. Mord. gos. un. no. 58:116-125 '62.
- Contagious mucous membrane disease in cattle. A review of foreign literature. I. U. V. Fomina. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- Cytological study of leucocytes in cows with lymphoid leukemia. N. M. Kostromilova. Veterinaria 45 no. 4 17-19 Je '62.
- Diagnosis and treatment of tetemoniasis in bulls. A. A. Ostrova. K. I. Zhadov. Veterinaria 45 no. 6 73-81 Je '62.
- Economic effectiveness of raising castrated and non-castrated bull calves for meat. A. A. Komar. Uch. zap. Mord. gos. un. no. 59:93-106 '62.
- Effect of castration on some indices in the blood of bull calves. A. A. Fomina. Uch. zap. Mord. gos. un. no. 59:103-109 '62.
- Effect of different levels of feeding pregnant cows during the implant period, on the amino acid composition of colostrum, and the rate of calf development. I. I. Shashin. Uch. zap. Mord. gos. un. no. 58:211-213 '62.
- Effect of bromus obliquus extract on the body temperature in newborn calves. P. P. Gulyashnikov. Uch. zap. Mord. gos. un. no. 59:41-43 '62.
- Effect of bromus obliquus extract on the growth of calves. P. P. Gulyashnikov. Uch. zap. Mord. gos. un. no. 58:45-47 '62.
- Effect of insulin on the chemical composition of microproteins in the rumen content of cattle. I. I. Oleksey. Izv. AN SSSR, ser. 110 no. 2 134-137 '62.
- Histonephelography in cows during maternal milking. A. I. Golikov. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- Experimental data on the distribution zones of vagus nerves in the stomach walls in cattle and sheep. B. K. Shakhov. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- Parasitological studies on calves and swine. G. A. Blagoderzhik. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- General protein, protein fractions and blood sugar in cows depending on the period of the reproductive function and the season of the year. A. I. Blagoderzhik. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- Prevalence of various diseases in calves during the first period of lactation. I. I. Zhabov. Veterinaria 45 no. 6 50-51 Je '62.
- Inflammatory elements, changes in general protein, protein fractions in blood serum and some immunological reactions in calves with wounds. G. N. Vasin. Uch. zap. Mord. gos. un. no. 58:109-110 '62.

Malashevich, V. V. [Raising beef cattle and breeding Santa Gertrudis cattle] Мясное скотоводство и разведение скота породы сантагертрида. Москва, "Kolos," 1956. 240 p.

- Parainfluenza infection of cattle. V. N. Shurin. V. V. Gurenikov. Veterinaria 45 no. 6 102-111 Je '62.
- Pathomorphological changes in organs in cattle poisoned by fluorine compounds. R. A. Shakhov. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- Pathomorphology and pathogenesis of viral pneumonia in calves. P. M. Mitrofanov. Uch. zap. Mord. gos. un. no. 58:109-110 '62.
- Physiological indices in calves depending on changes of the temperature and humidity conditions of the stall. B. S. Shepelin. Uch. zap. Mord. gos. un. no. 59:130-141 '62.
- Productivity indices of cows following operations on body cavities. G. S. Petrov. Veterinaria 45 no. 6 65-66 Je '62.
- Protecting reindeer against horseflies. V. A. Polakov. Veterinaria 45 no. 6 91-94 Je '62.
- Providing cows with calcium and phosphorus. I. A. Surin. Uch. zap. Mord. gos. un. no. 59:78-82 '62.
- Pulse and breathing rate coefficient on a clinical index of self-regulating processes. A. S. Makarov. Uch. zap. Mord. gos. un. no. 59:78-82 '62.
- Results of histological studies of the muscle tissue of castrated and noncastrated bull calves. A. A. Fomina. Uch. zap. Mord. gos. un. no. 59:78-82 '62.
- Significance of the period of lactation in cows in the prophylaxis of sterility. L. N. Smirnov. Veterinaria 45 no. 6 73-75 Je '62.
- Specific prophylaxis of leptospirosis in cattle. I. U. V. Fomina. Uch. zap. Mord. gos. un. no. 59:123-127 '62.
- Spontaneous lactation in water buffalo. G. G. Fedina-Shut. Veterinaria 45 no. 6 29-30 Je '62.
- Standard method of tagging cattle. E. A. Shakhov. N. G. Piatenko. Veterinaria 45 no. 6 15-16 Je '62.
- Suffice medium for the storage of bull semen in above zero temperatures. V. A. Sorokina. Veterinaria 45 no. 6 81-82 Je '62.
- Use of bromus obliquus extract in the prophylaxis of dyspepsia in calves. P. P. Gulyashnikov. M. T. Schellin. Uch. zap. Mord. gos. un. no. 59:21-24 '62.
- Using agar-agar preparations in reindeer raising. A. M. Silkov. Veterinaria 45 no. 6 61 Je '62.

636. 2(471. 1)—Northern D. S. F. S. R.

- Ways of developing and improving the economic efficiency of reindeer raising. N. O. Pliashenko, P. K. Kuznetsov. Probl. Sev. no. 13:40-52 '62.

636. 2(471. 2)—Murmansk Province

- Deer grazing behind fences. V. S. Fedotov. Probl. Sev. no. 12:268-272 '62.

- Investigations of calves in the Murmansk District. V. G. Denisov. Uch. zap. Mur. gos. un. no. 58:25-26 '62.
- Cattle breeding in Murmansk in the 16th and the beginning of the 20th century. Historical information on the formation of the Murmansk A. S. S. R. A. I. Prudov. Uch. zap. Mur. gos. un. no. 59:4-55 '62.
- Comparative characteristics of the meat quality of half-bred Jersey-Simmental bull calves. B. P. Kostin. Uch. zap. Mur. gos. un. no. 59:109-121 '62.
- Digestibility and assimilation of nutritive substances in feed by half-bred Jersey-Simmental bull calves. B. P. Kostin. Uch. zap. Mur. gos. un. no. 59:122-126 '62.
- Economic malignant catarrhal fever in the "Kamchatka" collective farm in the Tenakh District of the Murmansk A. S. S. R. V. I. Kirichuk. Uch. zap. Mur. gos. un. no. 58:122-131 '62.
- The etiology of dyspepsia in newborn calves on some farms of the Murmansk A. S. S. R. I. I. Shashin. Uch. zap. Mur. gos. un. no. 58:127-130 '62.
- Experience in decreasing the amount of milk used in raising purchased calves. C. I. Petrov. Uch. zap. Mur. gos. un. no. 59:131-137 '62.
- Experience in the treatment of calf dyspepsia in the Kolytino District. I. U. V. Fomina. A. P. Makhovskiy. Uch. zap. Mur. gos. un. no. 58:51-61 '62.
- Growth and development of half-bred Jersey-Simmental calves. T. I. Magovestchenko. Uch. zap. Mur. gos. un. no. 59:127-133 '62.
- Let's increase measures to safeguard calves. I. I. Pashin and others. Uch. zap. Mur. gos. un. no. 58:115-117 '62.
- Problems of immunity in dairy cattle in cattle. I. A. Shashin. Uch. zap. Mur. gos. un. no. 58:117-123 '62.
- Treatment of infectious enteritis and peritonitis in calves. V. I. Kuznetsov. Uch. zap. Mur. gos. un. no. 59:127-128 '62.

636. 2(472)—White Russian S. S. R.

- Vilchinskii, A. D.** [Black and white cattle of White Russia and ways of improving it] Черно-пестрый скот Белоруссии пути его совершенствования. Минск, "Urozhai," 1957. 138 p.

636. 2(481)—Norway

- Deer raising in Norway. P. N. Vostrikov. A. A. Mezentskii. Probl. Sev. no. 13:221-226 '62.

636. 2(57)—Aral Sea S. S. R.

- Protecting northern deer from harmful insects. D. V. Smolov. Probl. Sev. no. 13:44-47 '62.
- Ways of developing and improving the economic efficiency of northern deer raising. N. O. Pliashenko, P. K. Kuznetsov. Probl. Sev. no. 13:40-52 '62.

636. 2(571. 121)—Yamal-Nenets National District

- Potentialities of increasing the productivity of deer raising in the Yamal-Nenets National Area. P. N. Vostrikov. M. A. Brodov. Probl. Sev. no. 13:51-60 '62.

636. 2(571. 511)—Taymyr National District

- Reindeer grazing in collective farm deer raising. V. P. Roshakov. Probl. Sev. no. 13:68-103 '62.

636. 2(571. 05)—Magadan Province

- Interprovincial conference of deer in the Far East. V. I. Tsiplovskiy, M. V. Zhumov. Probl. Sev. no. 13:278-279 '62.
- Problems of developing deer raising in Magadan Province. V. I. Tsiplovskiy, V. I. Pashin. Probl. Sev. no. 13:60-75 '62.

636. 2(571. 00)—Kamchatka Province

- Introduction of the rotation of pastures is the most important condition for further development of deer raising. I. I. Bagov. Probl. Sev. no. 13:61-68 '62.
- Problems of developing deer raising in Kamchatka Province. I. I. Bagov. Probl. Sev. no. 13:61-68 '62.

636.3 Sheep, goats

- Age-related changes in the phonocardiogram in lambs. P. N. Korikov. Uch. zap. KVI 98:277-286 '62.
- Cases of silicosis in sheep caused by the spring sea-salt. S. Ledyaev, A. Tarasova. Veterinaria 45 no. 6:57-58 Je '62.
- Economic loss from diseases of the hoof in sheep. Kh. A. Abduragimov. Veterinaria 45 no. 6:33-34 Je '62.
- Effect of cooling and muscular activity on the physiological functions in lambs in early postnatal ontogeny. A. R. Makarova, A. G. Ponomareva, A. I. Sologubova. Trudy Inst. fiziol. 12:250-254 '62.
- Effect of different forms of copper compounds on the content of hemoglobin, erythrocytes and leucocytes in the blood and on the weight gain in sheep. M. G. Shakhov, N. M. Makhovskiy. Uch. zap. KVI 98:157-161 '62.
- Effect of different types of feeding of pregnant ewes on the growth of the lamb. V. I. Shaparin. Uch. zap. Mord. gos. un. no. 59:207-211 '62.
- Effect of feeding ammonium sulfate to pregnant ewes on the intrauterine development of the fetus. G. M. Afanasiev. Uch. zap. Mord. gos. un. no. 59:220-227 '62.
- Effect of organic copper chelating compounds on the level of cysteine and cystine in the wool of sheep. N. M. Makhovskiy. Uch. zap. KVI 98:167-171 '62.

Effect of synthetic urea (carbamide) on the composition and vital activity of leukocytes in the rumen of sheep. V. N. Pliashenko, V. S. Maklanova. Uch. zap. KVI 98:150-157 '62.

- Effect of the age of feeding and pregnancy on the state and some indices of the blood in sheep. V. I. Shaparin. Uch. zap. Mord. gos. un. no. 58:155-162 '62.
- Etiology of infectious enterocolitis of sheep. A. I. Simoniin. Veterinaria 45 no. 6 37-38 Je '62.
- Experience in the control of infectious enterocolitis of sheep. A. F. Tselin. V. S. Borilov. Veterinaria 45 no. 6 38-39 Je '62.
- Experimental data on the distribution zones of vagus nerves in the stomach walls in cattle and sheep. B. K. Shakhov. Uch. zap. KVI 98:62-66 '62.
- Intrauterine development of lambs in relation to various levels of feeding of ewes. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 59:189-194 '62.

Kovner, I. P., and others. [Organization and technique of breeding Romanian sheep] Организация и техника разведения румынского овцеводства. Москва, "Kolos," 1957. 231 p.

- Metallurgy of study of the functional properties of mucous membrane of the rumen in sheep. V. I. Shaparin. Uch. zap. KVI 98:127-132 '62.
- Natural alimentary reflexes in lambs during the transition period to a mixed type of nutrition. R. Bakman. Trudy Inst. fiziol. 12:215-221 '62.
- Study of gas exchange and cardiac output volume in thermoregulating polygenic lambs during early ontogeny. S. I. Ushakov. Trudy Inst. fiziol. 12:343-347 '62.
- Study of the effect of organic copper chelating compounds on the chemical and physical properties of the wool of sheep. N. M. Makhovskiy, M. G. Shakhov. Uch. zap. KVI 98:162-166 '62.
- Unconditioned and natural conditioned reflexes in lambs and kids in early postnatal ontogeny. A. R. Makarova, A. G. Ponomareva, D. A. Maslovskaya. Trudy Inst. fiziol. 12:246-249 '62.

Use of iodine in the development of sheep with thyroiditis. A. P. Makhovskiy, D. S. Shepelin. Uch. zap. Mord. gos. un. no. 58:113-119 '62.

Utilization of nutritive substances in the feed ration of pregnant ewes in various levels of feeding. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 59:187-189 '62.

Zones of innervation of the vagus nerves in the rumen of sheep. G. M. Shakhov. Uch. zap. Mord. gos. un. no. 58:117-121 '62.

636. 3(471. 1)—Northern D. S. F. S. R.

- Zamoryshev, A. V.** [Sheep raising in the North] Овцеводство на Севере. [Vologda] Severo-Zajednoe kn. izd., 1967. 63 p.

(DNAL)

636. 3(471. 328)—Mordvin A. S. S. R.

- Effect of feeding copper sulfate to pregnant ewes on the intrauterine development of the offspring. I. A. Kostrov. Uch. zap. Mord. gos. un. no. 59:228-235 '62.
- Effect of molybdenum on the embryonic development of sheep. I. I. V. Shashin. Uch. zap. Mord. gos. un. no. 59:235-239 '62.
- Effect of pregnancy and feeding level of ewes on vital nutrition. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 59:191-200 '62.
- Geographical zoning of sheep farms on collective and state farms of the Mordvin A. S. S. R. D. M. Kozlov. Uch. zap. Mord. gos. un. no. 59:172-181 '62.

636. 3(471. 41)—Tatar A. S. S. R.

- Economic loss caused by sterility of sheep in the Tatar A. S. S. R. L. I. Litov. Uch. zap. KVI 98:331-335 '62.

636. 3(471. 24)—Azerbaijan S. S. R.

- Some data on contagious erythema of sheep in Azerbaijan. I. A. Farukhova, Z. G. Mirov. Veterinaria 45 no. 6 34-36 Je '62.

636. 3(571. 54)—Uzbek A. S. S. R.

- Content of some trace elements in the fleece of Merino sheep in the Juriy A. S. S. R. I. I. Zhurnikov, P. K. Sheparova. Mikroelem. v Sib. no. 5:90-101 '62.
- Trace element topography in the sheep organism in the Juriy A. S. S. R. I. I. Zhurnikov. Mikroelem. v Sib. no. 5:91-104 '62.

636. 3(675. 2)—Kirghiz S. S. R.

- Material on sheep leukemia in the Kirghiz S. S. R. V. V. Mitrofanov. Veterinaria 45 no. 6 31-33 Je '62.

636.4 Swine, pigs

- Changes in kidney cells of swine embryo as a result of cooling and freezing. B. V. Gorskii. Uch. zap. KVI 98:268-270 '62.
- Experience in eradication and prevention of sterility in swine. N. A. Barklatov. Uch. zap. KVI 98:326-333 '62.
- Extraorganic cardiac nerves in cattle and swine. G. A. Blagoderzhik. Uch. zap. KVI 98:47-51 '62.
- Gorin, V. T.** [Intensive fattening of swine] Интенсивный откорм свиней. Минск, "Urozhai," 1967. 74 p.
- (DNAL)
- Morbidity of young pigs from renal dysplasia. N. P. Rakhvalov. Mikroelem. v Sib. no. 5:102-106 '62.
- Ploinkov, V. K.** [Breeding on swine farms] Племенная работа на свиноводческих фермах. Саратов, Приволжское kn. izd., 1966. 36 p.
- (DNAL)

636.4 (Continued)
Ranana, U. [Experience in controlled fattening of swine]
Opyi kontrol'nogo otkorina svinct. Riga, "Tiesma,"
1966. 134 p.
Receptor apparatus of the stomach in swine. E. I. A.
Gillinskii. Trudy Inst. fiziol. 12:50-51 '68.

836.4(471.328)—Mordvin A. S. S. R.

Chemical composition of some organs and tissues of
young pigs fed on trace mineral salts. A. E. Komarov.
Uch. zap. Mord. gos. un. no. 10:163-171 '67.
Effect of physical factors on the growth of fetal cecilia.
A. I. Makhitskii. Uch. zap. Mord. gos. un. no. 50:107-
119 '67.
Effect of supplementary mineral feedings on weak young
pigs and those with rachitis. I. D. Kuchinskii. Uch. zap.
Mord. gos. un. no. 50:29-33 '67.
Effect of trace elements (Fe, Cu, Co) on the metabolism
of young pigs. A. E. Komarov. Uch. zap. Mord. gos. un.
no. 50:151-162 '67.
Fattening quality, and assimilation of nutritive substances
in the feed ration by purebred and mixed breed swine.
A. I. Kostova. Uch. zap. Mord. gos. un. no. 50:143-
150 '67.
Results of the selection of swine of the Dnieper breed
according to the cost of feed on the "Krasnaya Mordovka"
breeding farm. N. A. Zavalina. Uch. zap. Mord. gos. un.
no. 50:151-154 '67.
Spread of duck coccidiosis in Mordovia. A. P. Makhitskii,
V. S. Greshkov. Uch. zap. Mord. gos. un. no. 50:
163-169 '67.

636.4(571.54)—Ussr A. S. S. R.

Content of copper, iron, phosphorus and nitrogen in the
skin of swine and their offspring in the Muray A. S. S. R.
S. A. Korshak. Mikrobiol. zh. no. 5:95-97 '67.

636.5 Poultry

Antigen properties of erythrocytes in fowl lymphoid
leucosis. B. P. Vdovin, V. P. Zelenskii. Veterinaria 45
no. 8:10-20 Dec '68.
Changes in the skeletal bones of chicks and hence follow-
ing radioactive strontium implanting. V. A. Kirilkin.
Uch. zap. KVI 98:240-246 '67.
Dynamics of erythrocyte and hemoglobin level in ducks.
L. P. Orlovskii. Veterinaria 45 no. 6:60-69 Dec '68.
Effect of the breed of fowl on the utilization of nutritive
substances in the feed ration. V. G. Frolova. Uch.
zap. Mord. gos. un. no. 50:236-243 '67.
Fengal, an effective antihelminthic against duck
cestodiasis and trematodiasis. B. L. Garkavi, V. Sh.
Pobockov. Veterinaria 45 no. 8:48-49 Dec '68.
Immunological identification of different strains of
apicomplexans in birds. N. P. Kryukov. Veterinaria 45
no. 4:21 Dec '68.
Laboratory diagnosis of fowl pox. M. K. Skorobogat'ko,
I. N. Dobrovolskii. Veterinaria 45 no. 6:103-104
Dec '68.
Materials for comparative histology of interopercular
morphology of turbot (Pleuronectes) and the musculature
of the esophagus in Galliformes (Gallina domestica).
A. A. Mikhlin. Trudy Inst. fiziol. 12:81-85 '68.
Morphology and biology of bacteria isolated from
pheasants. G. M. Ivanov, A. I. Gultayev. Veterinaria 45
no. 6:22 Dec '68.
New equipment for large-scale poultry houses. V. Sushk,
G. Dronov. Tekhn. v sel'sk. 20 no. 4:20-22 '68.
Raising autumn cyprina on chicken farms on poultry
farms. D. M. Karolov. Uch. zap. Mord. gos. un. no. 50:
247-253 '67.
Simultaneous immunization of birds against Newcastle
disease, fowl pox and fowl cholera. A. A. Mikhlin. Veterinaria 45 no. 6:41-42 Dec '68.
Some data on the analysis of the stimulatory action of
histolytic enzymes on chickens. I. M. Gulyaeva. Uch. zap.
KVI 98:201-208 '67.
Structure and development of complex skin receptors
in chickens. N. A. Gultayev. Uch. zap. KVI 98:81-
81 '67.

636.5(471.328)—Mordvin A. S. S. R.

Experiments in keeping chickens in wild area poultry
yards at the "Rudovskii" state farm. S. M. Bazarov.
Uch. zap. Mord. gos. un. no. 50:244-246 '67.

636.5(571.65)—Magadan Province

Main problems of developing poultry breeding in the
regions of the Far North, as exemplified by Magadan
Province. I. A. Karachinskaya. Probl. Sov. no. 13:202-
209 '68.

636.7 Dogs and hounds

Characteristics of the restoration of the motor function
following deafferentation of the extremities in dogs
during ontogeny. A. T. Khudorozhova. Trudy Inst.
fiziol. 12:308-320 '68.
Development of differentiating and excitatory inhibition
in dogs during ontogeny. A. T. Khudorozhova. Trudy
Inst. fiziol. 12:321-320 '68.
Effect of caffeine on the alimentary motor conditioned
reflexes during the ontogeny in dogs. I. N. Kozlova.
Trudy Inst. fiziol. 12:230-233 '68.
Electrocardiograms of dogs with different types of
higher nervous activity with electrical injections of
adrenaline, novocaine and ethyl alcohol solutions.
G. P. Novosilov, V. G. Bushkov, N. S. Salchikova. Uch.
zap. KVI 98:177-181 '67.
Materials on the problem of the development of uncondi-
tioned alimentary reflexes in dogs. E. R. Uzdavinskii.
Trudy Inst. fiziol. 12:171-177 '68.
Role of afferent impulsion in the reflex activity of
dogs during ontogeny. A. T. Khudorozhova. Trudy
Inst. fiziol. 12:297-307 '68.

Typological characteristics of higher nervous activity
in dogs of the Russian bloodhound breed. V. N. Rudnik
and others. Trudy Inst. fiziol. 12:44-49 '68.

636.93 Animals bred for fur
Animals of the aphelidene series as exhibiting dyes for
fur. V. V. Kozlov, D. I. Brodovskii, I. K. Veselovskaya.
Sbor. nauch. rab. INKhII no. 17:230-243 '61.
Device for testing the hair coat of a fur for fleas.
A. N. Derzhko. Sbor. nauch. rab. INKhII no. 17:224-230 '61.
Digestibility of chlorine by rabbits. M. I. Sel'nikova.
Uch. zap. KVI 98:340-341 '67.
Experimental and morphological study of viral encephalo-
myelitis, rabies and Tubercle bacillus in immunized animals.
R. A. Kurlovich, G. V. Kozlovskii. Veterinaria 45
no. 6:39-41 Dec '68.
Methods of operation on Pavlov's pouch in rabbits. T. A.
Gorilova. Uch. zap. KVI 98:133-136 '67.
Some characteristics of the structure and properties of
the hair coat of wolverine. B. F. Tseretnikov. Sbor.
nauch. rab. INKhII no. 17:219-224 '61.

636.93(471.1)—Kuzbass R. S. F. S. R.

The fur trade of the collective and state farms of the
north. I. I. Rebrov. Probl. Sov. no. 13:104-109 '68.

636.93(471.2)—Murmansk Province

Work practice of Kola Fur Farm. I. I. Grinkovskii,
A. A. Makarov. Probl. Sov. no. 13:163-171 '68.

636.93(57)—Asianic U. S. S. R.

Cage system of fur farming in the Far North.
V. A. Kabanov, M. V. Slonov. Probl. Sov. no. 13:153-
159 '68.
The fur trade of the collective and state farms of the
north. I. I. Rebrov. Probl. Sov. no. 13:104-109 '68.
Increasing the biological value of feed rations for fur-
bearing animals raised in cages in the Far North.
O. L. Rucopert. Probl. Sov. no. 13:172-176 '68.

636.93(571.12)—Tyumen' Province

Ways of increasing the economic efficiency of a cage
system of fur farming in the northern part of Tyumen
Province and Krasnoyarsk Territory. L. R. Michurina.
Probl. Sov. no. 13:160-164 '68.

636.93(571.51)—Krasnoyarsk Territory

Ways of increasing the economic efficiency of a cage
system of fur farming in the northern part of Tyumen
Province and Krasnoyarsk Territory. L. R. Michurina.
Probl. Sov. no. 13:160-164 '68.

637 Dairy and other animal produce

Chemical composition of milk of Simmentalized cattle.
A. I. Prudov. Uch. zap. Mord. gos. un. no. 50:56-77 '67.
Comparative characteristics of the meat quality of half-
bred Jersey-Simmental bull calves. B. P. Kozlin.
Uch. zap. Mord. gos. un. no. 50:110-121 '67.
Composition and production method of paste-like cheese
emulsions. N. I. Kozin, N. V. Starobogatov. Sbor. nauch.
rab. INKhII no. 17:128-132 '61.
Container return as a source for the container supply
industry in the dairy industry. S. Sh. Zamilchov, B. V.
Akhil, Zh. V. Frolova. Khim. prom. 9 no. 2:13-12
Mr-Apr '68.
Determining the extent of production development under
new planning conditions. M. B. Melnyk. Khim. prom.
9 no. 2:15-16 Mr-Apr '68.
Effect of technological factors on the saltiness of
minced fish. V. G. Proskolov. Ryb. khoz. 44 no. 4:
61-62 '68.
Effect of water, massage and ovarian hormones on the
milk production of cows after the first calving. E. S.
Kakhanov, P. I. Kovalevskii. Uch. zap. Ksh. un. 67:
26-32 '67.
Establishing a method for the production of margarine
with a structure of cream butter. N. I. Kozin, V. I.
Varibus. Sbor. nauch. rab. INKhII no. 17:133-139 '61.
Factors influencing the production of small rennet cheeses
of an improved composition. O. M. Shalygina. Khim.
prom. 9 no. 3:16-17 My-Ju '68.
Initial carrier for milk cans. I. Evdokimov. Tekhn. v
sel'khoz. 28 no. 4:28 '68.
Isolation of bacterial strains of almy meat. V. V. Ero-
menko. Sbor. nauch. rab. INKhII no. 17:19-24 '61.
Nekrasov, L. I., and O. K. Nikolaev. [Purification of
sewage waters in outcrops of the dairy industry]
Ochistka stochnykh vod predpriyatiy molochnoi promysh-
lennosti. Moskva, 1967. 20 p.

[MICROFILM]

Nutritional additives in the manufacture of sausages.
V. P. Volovinskii, H. M. Sergioleva. Khim. prom. 9
no. 1:47-50 Ja '68.
Ogorodnik, I. M. [Basic rules of the secretory activity
of the mammary glands and its regulation] Osnovnye za-
konosobnosti sekretornoj deyatelnosti molochnoi zhe-
lezy i ee regulatsii. Kishinev, 1967. 238 p. [Kishinev,
Sel'skhozizdatvsevolnyi Institut im. N. V. Frunze. Trudy,
vol. 48]
Production of margarine with a structure of cream butter.
N. I. Kozin, V. I. Varibus. Sbor. nauch. rab. INKhII no. 17:
140-146 '61.
Production of soft ice cream in freezers. I. Potapova.
Sov. izv. 41 no. 4:52-53 Ap '68.
Quality of semi-smoked sausages manufactured by a
smokeless method. E. O. Khmel'nyts'kiy. Khim. prom.
9 no. 1:45-47 Ja '68.
Study of milk protein composition affected by thyroclatin.
M. S. Kakhana, T. Bushanekova, R. Levina. Uch. zap.
Ksh. un. 67:38-40 '67.

Study of the effect of mineral and organic acids on the
transformation of collagen into gelatin. E. V. Guevol,
S. B. Radkevich. Izv. vyz. ucheb. zav. i shk. fiz. prom.
no. 6:85-92 '67.
Technological characteristics of some commercial fish
of the Indian Ocean. V. I. Bykov, O. F. Makarov, E. A.
Khvan. Ryb. khoz. 44 no. 5:73-74 '68.
Testing of domestic phosphates for use in the manufacture
of sausages. V. P. Volovinskii, H. M. Sergioleva. Khim.
prom. 9 no. 3:16-17 My-Ju '68.
Use of animal blood in the production of sausage products.
I. L. Firsh, R. S. Stupichka. Khim. prom. 9 no. 2:
58-60 Mr-Apr '68.
Why machine milking is being introduced so slowly. V.
Shupiga. Tekhn. v sel'khoz. 28 no. 4:22-23 '68.

637(477)—Ukrainian S. S. R.

Conference on the activities of the Dairy Industry of
Ukraine. V. S. Nikitko, S. G. Kostinova. Khim.
prom. 9 no. 1:56-58 My-Ju '68.
The Dnepropetrovsk Meat Combine is a leading enter-
prise. M. K. Loiko. Khim. prom. 9 no. 3:29-32
My-Ju '68.
Work practice at the Vinogradov Butter Factory. D. Kry-
pachenko. Khim. prom. 9 no. 3:47-48 My-Ju '68.

638 Beekeeping

638.1(571.6)—Soviet Far East

Veterinary parasitology in the control of bee varrotoz
and bionosis. I. V. Tsvetlev. Veterinaria 45 no. 6:
53-54 Ja '68.

638.1(571.63)—Maritime Territory

Bee varrotoz in the Maritime Territory. V. L.
Sulchenko. Veterinaria 45 no. 6:51-53 Ja '68.

639 Game and fish management. Marine husbandry

At sea and on the shore. G. Kaminskii. NTG 10
no. 3:4-5 Mr '68.

639(57)—Asianic U. S. S. R.

Condition and prospects for developing game farms of
the Muir Administration of Hunting and Game Preserves
in the north. D. A. Ushchik, S. M. Taranov. Probl.
Sov. no. 13:141-145 '68.

639(571.65)—Magadan Province

Some problems of the mechanization of agriculture and
game management in Magadan Province. B. V.
Gorbarets. Probl. Sov. no. 13:245-250 '68.

639.1 Hunting

639.1(471.1)—Northern R. S. F. S. R.

Commercial hunting for the polar fox in the tundra.
V. D. Skroblov. Probl. Sov. no. 13:133-140 '68.

639.1(57)—Asianic U. S. S. R.

Commercial hunting for the polar fox in the tundra.
V. D. Skroblov. Probl. Sov. no. 13:133-140 '68.

639.1(571.121)—Yamal-Nenets National District

Commercial hunting in the Yamal National Area and
measures for increasing its productivity. V. I. Skroblov,
P. I. Kuvshinov. Probl. Sov. no. 13:121-127 '68.

639.1(571.612)—Evenki National District

Developing commercial hunting in the Evenki National
Area. A. A. Makhovad. Probl. Sov. no. 13:117-120 '68.

639.1(571.50)—Yukut A. S. S. R.

Mineral breeding in Yakutia. M. M. Davyslov. Probl.
Sov. no. 13:128-134 '68.
Some problems of developing the fur trade in Yakutia.
V. A. Tsvetlev. Probl. Sov. no. 13:110-116 '68.

639.2 Fisheries

Accident prevention training of the crew of the trawler
"Dobrotor." V. Soanin. Ryb. khoz. 44 no. 5:81-82 '68.
Atlantic Red Tidal S. P. Lobedev. Ryb. khoz. 44
no. 5:10-20 '68.
Basic trends in the development of modern tuna fishing
boats. E. V. Kamoukii, S. I. Bolkin. Ryb. khoz. 44
no. 5:24-28 '68.
Behavior of fish in the light beam during pump fishing.
I. V. Nikonorov. Ryb. khoz. 44 no. 4:43-45 '68.
Biology of young pink salmon and chum in the sea. V. N.
Ivankov, A. P. Shershteyn. Ryb. khoz. 44 no. 4:16-17 '68.
Bonus fund of ships as an economic incentive for a more
effective utilization of basic capital. A. Krivososov.
Ryb. khoz. 44 no. 4:78-77 '68.
Broader utilization of plastics in ship repair. G. N.
Voevodin. Ryb. khoz. 44 no. 5:27-31 '68.
Cable winches on the RTM "Atlantik." I. U. G. Ushakov.
Ryb. khoz. 44 no. 5:46-48 '68.
Calculator for geographical coordinates with automatic
incorporation of navigational corrections. P. S.
Davyslov, V. O. Chernyshev. Ryb. khoz. 44 no. 5:84-
87 '68.
Cargo handling by direct unloading. T. P. Shumilova.
Ryb. khoz. 44 no. 3:82-84 '68.
Causes of failure of "Nekhar-Pollar" engines. K. P.
Karapetchuk. Ryb. khoz. 44 no. 5:32-34 '68.

- Coefficients of the catchability of river haul seines. E. L. Verzin, Ryb. khoz., 44 no. 4:16-17 '68.
- Conference of the accounting activities of the fishing industry. Buzh. uch. 27 no. 5:78-80 May '68.
- Cooperation between fishing and transport fleets during high-sea fishing. A. I. Bakov, Ryb. khoz., 44 no. 4:71-73 '68.
- Intermittency of the optimum amount of repairs needed by ship construction engines. V. I. Kondratov, V. E. Turanovskiy, Ryb. khoz., 44 no. 4:26-27 '68.
- Determining a vessel's position during navigation at alternate speeds and courses. V. A. Lazarev, Ryb. khoz., 44 no. 4:31-35 '68.
- Determining the intensity of coloring of tomato paste and tomato sauce for canned fish. M. I. Komaritskiy, Kone. i sov. khoz., 43 no. 4:26-28 Apr '68.
- Device for measuring the depth of a trawl. V. Fedorenko, Ryb. khoz., 44 no. 4:46-47 '68.
- Devices for measuring the angle between cables and vessel drift. L. A. Lebedev, Ryb. khoz., 44 no. 5:50-53 '68.
- Dynamics of some wire parameters in the process of exploitation. E. A. Lebedev, Trudy PINRO no. 10:38-45 '68.
- Economic basis for fishing fleet transportation rates. N. I. Savin, Ryb. khoz., 44 no. 3:76-77 '68.
- Economic efficiency of accelerated transportation of fishery products. L. A. Lisitskaya, Ryb. khoz., 44 no. 5:75-76 '68.
- Economic problems inherent in overcoming seasonal fishery production. V. S. Vityayev, A. N. Morozov, Ryb. khoz., 44 no. 3:85-86 '68.
- Economic reform and production potentials. K. Syatirskiy, Ryb. khoz., 44 no. 3:88-89 '68.
- Effect of the quality of fuel on the aging of oil. M. I. Kizimchenko, Ryb. khoz., 44 no. 1:30-31 '68.
- Efficient cooperation. P. Treremko, Ryb. khoz., 44 no. 5:41 '68.
- Elimination and determination of the deviation of magnetic compass in a fishing area. A. G. Lapin, Ryb. khoz., 44 no. 3:45-46 '68.
- Graphic-analytic method of calculating river haul seine. E. L. Verzin, Ryb. khoz., 44 no. 3:18-20 '68.
- Graphic method of calculating elements of an arc of the great circle on the adjustable plane table. V. P. Shupik, Ryb. khoz., 44 no. 3:47-49 '68.
- Great fishing victory of the trawler "Petyomkin". Ryb. khoz., 44 no. 5:27-28 '68.
- How to improve the pay system of the workers of the fishing fleet. V. S. Vityayev, I. P. Reshetnikov, Ryb. khoz., 44 no. 4:76-80 '68.
- How to shorten trawl cables in trawling. G. R. Babakov and others, Ryb. khoz., 44 no. 3:55-55 '68.
- Hydro-meteorology in the service of commercial fisheries. A. P. Turin, Ryb. khoz., 44 no. 4:32-33 '68.
- Impregnation of rayon netting materials with latex mixtures SSS-30 and SVK-1. V. P. Lisitsyna, Ryb. khoz., 44 no. 3:56-57 '68.
- Improve the accounting and budgeting system. A. Ponomarev, N. Zhulin, Ryb. khoz., 44 no. 4:74-75 '68.
- Interest rate of fixed productive capital must be differentiated. A. Krivonozov, Ryb. khoz., 44 no. 4:77-78 '68.
- International conference. I. V. Nikonorov, Ryb. khoz., 44 no. 3:53 '68.
- International relations in the field of fishery research and fishing industry. Ryb. khoz., 44 no. 5:93-94 '68.
- International relations in the field of fishery research and the fishing industry. V. P. Zaitsev, Ryb. khoz., 44 no. 4:91-92 '68.
- Introduction of cost accounting in repair shops. V. I. Nemirovskiy, Ryb. khoz., 44 no. 4:81-82 '68.
- Investigation of bottom relief and grounds from fishing vessels. A. I. Lushin, Ryb. khoz., 44 no. 3:23-24 '68.
- Investigation of the wear of ship engine shafts during operation. N. I. Pevzner, Ryb. khoz., 44 no. 5:21-23 '68.
- Komarov, I. A., and S. K. Kidergskiy. [Prospecting and fishing off the southwestern coast of Africa] Polak i promysel ryby u lego-zapadnogo poberozha Afriki. [Kalliningrad] Kalliningradskoe kn. izd., 1963. 56 p. [MICROFILM]
- Main trends in the development of modern tuna fishing boats. E. V. Kamenchikov, S. I. Bulkin, Ryb. khoz., 44 no. 4:22-23 '68.
- Main trends in the development of trawling technology. N. M. Salurukh, Ryb. khoz., 44 no. 3:50-52 '68.
- Main trends in the development of trawling techniques. N. M. Salurukh, Ryb. khoz., 44 no. 4:41-42 '68.
- Mechanization of preparing the hold for sea fishing. V. P. Orshinnikov, Trudy PINRO no. 10:16-18 '68.
- Mechanization of the replacement of wires on fishing trawlers. B. G. Ianyov, Trudy PINRO no. 10:22-28 '68.
- Method of short-range forecasting of indirect water dynamics indices on the shelf of Northwest Africa. V. N. Bakov, A. P. Fedoseev, Ryb. khoz., 44 no. 3:19-22 '68.
- Methods of estimating natural and fishing mortality coefficients in inland waters. V. V. Gulik, Ryb. khoz., 44 no. 3:25-26 '68.
- Modern requirements in automation of ship repair. I. U. Puzskov, Ryb. khoz., 44 no. 5:38-37 '68.
- Natural systems and hydrological fishing progress. M. A. Bagdanov, S. I. Potelchuk, E. V. Solov'yev, Ryb. khoz., 44 no. 3:6-9 '68.
- Nature of the effect of Dnieper River regulation on pike perch of Dnieper and Kocherga Limans. N. P. Rakhina, Uch. zap. Kish. un., 60:67-62 '68.
- Now hydrodynamic coefficients of outer boards and analysis of production methods. V. V. Bloshina, I. R. Natrasov, Trudy PINRO no. 10:13-21 '68.
- New initiative of the crews of the fishing fleet. Ryb. khoz., 44 no. 3:2 '68.
- New use of the spring during fishing. S. P. Senluk, Ryb. khoz., 44 no. 5:36 '68.

- Namograms for designing parcel cooling systems on refrigeration ships. E. S. Avdeev, Ryb. khoz., 44 no. 3:69-72 '68.
- Operational synoptic surveys performed aboard the trawler "Korolevskiy L'vovskiy". K. Kirilenko, Ryb. khoz., 44 no. 4:51 '68.
- Organizing technical operators of fishing vessels. N. N. Shumakov, Ryb. khoz., 44 no. 3:34-38 '68.
- Price adjustment in the fishing industry. I. P. Mat'kov, Ryb. khoz., 44 no. 3:74-75 '68.
- Principles of the suitability of outer board movement in deep-sea trawling. I. R. Matrasov, Trudy PINRO no. 10:5-12 '68.
- Rapid handling of ships in port. A. D. Kuznetsov, Ryb. khoz., 44 no. 3:67 '68.
- Requisition of the canning shop aboard the tuna factory ship "Krasnyi Izh." G. S. Koriakov, V. P. Ostapenko, Ryb. khoz., 44 no. 5:58-59 '68.
- Repair of worn parts by electrovacuum welding. V. V. Maksimov, Ryb. khoz., 44 no. 4:51-52 '68.
- Results of fish prospecting research. A. V. Kondritskiy, Ryb. khoz., 44 no. 3:5-6 '68.
- Results of operational tests with M-12G diesel oil. I. N. Egorov, Ryb. khoz., 44 no. 3:42-44 '68.
- Scientific basis for planned preventive ship repair system. V. A. Polyakov, Ryb. khoz., 44 no. 3:78-79 '68.
- Scientific management: brigade aboard a trawler. M. Zhuravlov, Ryb. khoz., 44 no. 5:29-30 '68.
- Scientific organization of labor on a production refrigerator trawler. V. G. Mikhalev, Ryb. khoz., 44 no. 4:63-81 '68.
- Shape of the ship ensuring minimum pull in towing trawls. A. I. Fridman, Ryb. khoz., 44 no. 3:34-41 '68.
- Some aerodynamic data on a set of curved streamlined profiles applied to the calculation of a trawl board. M. P. Polak, Trudy PINRO no. 10:23-27 '68.
- Some characteristics of midwater trawling with the RTM "Atlantika". G. I. Pazylnik, Ryb. khoz., 44 no. 5:38-40 '68.
- Some characteristics of the refrigerating unit aboard the RTM "Atlantika". A. G. Goroz, Ryb. khoz., 44 no. 5:53-59 '68.
- Some data on the behavior of fat Oxobol's Sea herring as related to the conditions of the environment. V. I. Chernavskiy, O. A. Kharitonova, Ryb. khoz., 44 no. 3:10-13 '68.
- Spliced mesh fishery. V. A. Soyko, V. M. Gek, Ryb. khoz., 44 no. 5:8 '68.
- Trawl net. V. P. Trofimov, Ryb. khoz., 44 no. 4:4-6 '68.
- Training and qualification: improvement of crew members at sea. I. S. Bapalov, Ryb. khoz., 44 no. 5:80 '68.
- "White flag" in "Dallus-M" and "Kaltmar" echo sounding stations. I. A. S. Kurkin, Ryb. khoz., 44 no. 4:36-37 '68.
- Winners of the all-Union socialist competition for the 5th quarter of 1967. Ryb. khoz., 44 no. 4:2-3 '68.
- Work experience of the crew of RTM "Kavkaz". E. Shalim, I. Bakin, Ryb. khoz., 44 no. 5:62-63 '68.
- Work load of the equipment of factory trawlers. L. M. Funtikov, Ryb. khoz., 44 no. 4:53-57 '68.

639.2(201)—Atlantic Ocean

- Ecology and fishery of haddock on Newfoundland Banks. V. P. Shustov, Trudy PINRO no. 20:274-303 '67.
- Weight and chemical composition of some commercial fishes of the Atlantic and Barents Seas. A. A. Mindor, I. D. Kholodova, Trudy PINRO no. 10:87-145 '68.

639.2(201.1)—North Atlantic Ocean

- Forecasting the productivity of herring fishery in the Norwegian Sea. V. E. Kemmerov, Ryb. khoz., 44 no. 4:12-13 '68.

639.2(201.3)—Baltic Sea, with Gulls

- Effect of malachite green on the blood composition in young Baltic salmon. T. P. Glagoleva, E. M. Matkova, Ryb. khoz., 44 no. 5:15-19 '68.

639.2(202.5)—Black Sea

- Biology of Mugilichthys nasus under the conditions of limnology of the Danube-Dniester Intermittent. V. N. Dolgikh, Uch. zap. Kish. un., 60:103-104 '68.
- Increase of juvenile population in the Black Sea basin. V. V. Mikhalev, Ryb. khoz., 44 no. 3:27 '68.
- Optimum height of a mechanized dredge for fishing gobies in the Sea of Azov. E. L. Shupakov, Ryb. khoz., 44 no. 4:53-54 '68.

639.2(205)—Pacific Ocean

- Causes of the fluctuation in the abundance of Pacific herring. T. F. Dement'eva, Ryb. khoz., 44 no. 4:7-11 '68.
- Expand and improve mackerel fishing in the Pacific. I. A. Somenov, Ryb. khoz., 44 no. 5:42-45 '68.
- Size measures in the Okhotsk expedition in the fall of 1967. N. V. Dananov, Ryb. khoz., 44 no. 4:28-49 '68.
- Use of echo sounding devices in studying the distribution of Pacific salmon in the ocean. A. S. Nikolaev, Ryb. khoz., 44 no. 5:5-7 '68.

639.2(207)—Indian Ocean

- General trends in the distribution of fish of the Great Australian Bight. V. N. Makarov, V. N. Paskin, Ryb. khoz., 44 no. 3:14-15 '68.

639.2(208)—Arctic Ocean

- Distribution and migration of haddock Malenogrammus aeglefinus (Linnaeus) in the southern part of the Barents Sea. M. A. Solina, Trudy PINRO no. 20:123-180 '67.
- Forecasting the distribution of fish concentrations in the Barents Sea based on the transport factor. K. G. Korotnikov, Trudy PINRO no. 20:167-178 '67.

- Natural reproduction of pink salmon flagfishes in the White Sea. T. D. Gosteva, N. A. Chuklat, Ryb. khoz., 44 no. 4:13 '68.
- Relationship between the trawling productivity and the abundance of codfish and water temperature in the southern part of the Barents Sea. A. I. Mikhalev, Trudy PINRO no. 20:129-187 '67.
- Weight and chemical composition of some commercial fishes of the Atlantic and Barents Seas. A. A. Mindor, I. D. Kholodova, Trudy PINRO no. 10:87-145 '68.

639.2(471.11)—Noreis National District

- Problems of developing fisheries in the collective farms of the Noreis National Area. A. V. Artyev, Uch. zap. Kish. un., 60:13-26 '68.

639.2(471.328)—Mordvin A. S. R.

- Watershed sources, regulation and land use of the Mokska River. A. I. Lushin, Uch. zap. Kish. un., 60:55-60 '67.

639.2(471.341)—Gorky Province

- Observations on herring spawning in Gorky Province. T. V. Lesnikova, Ryb. khoz., 44 no. 4:10-21 '68.

639.2(478)—Moldavian S. S. R.

- Changes in the ichthyofauna composition and in the commercial status of the Dniester River after the regulation of the Dniester River. M. S. Mikhalev, L. A. Gai-Milan, S. I. Ayvona, Uch. zap. Kish. un., 60:72-86 '68.
- Fish productivity in Kishinev ponds. M. S. Mikhalev, L. S. Pluteva, Uch. zap. Kish. un., 60:97-101 '68.

639.2(517.122)—Khanly-Muht National District

- Problems of developing fisheries in the Khanly-Muht National Area. I. U. Karpovich, Uch. zap. Kish. un., 60:130-152 '68.

639.2(571.66)—Kamchatka Province

- Study by population model of the sockeye salmon fishery in the Ozernaya River. V. V. Mikhalev, Uch. zap. Kish. un., 60:85-88 '68.

639.2(574)—Kazakh S. S. R.

- Don't stop at half measure. M. Talov, K. Kuznetsov, Ryb. khoz., 44 no. 5:28-30 May '68.
- Kazakh Scientific Research Institute of Fisheries. I. K. Ivanov, Ryb. khoz., 44 no. 5:3-4 '68.

639.2(575.172)—Kara-Kalpak A. S. R.

- Ways to improve the economic effectiveness of the fishing industry in the Kara-Kalpak A. S. R. Uch. zap. Kish. un., 60:130-132 '68.

639.3 Fish culture

- [Collection of annotations of scientific research works of 1968 on "The elaboration of biological principles and biotechnics of the development of sturgeon farming in bodies of water of the U. S. S. R." Uch. zap. Kish. un., 60:103-104 '68.]
- Do some "Taznabolka biologicheskikh nauk i tekhnologii razvitiya uslovovogo khozaystva v volostnykh SSSR." Astrakhan, 1967. 151 p.
- Composition and properties of carp blood. A. A. Kuznetsov, V. V. Mikhalev, Veterinariya 45 no. 6:70-71 Je '68.
- Experience in the control of carp phylometrales. A. P. Kononov, Uch. zap. Kish. un., 60:130-131 Je '68.
- Methods of censusing young semitransparent fish. A. I. Lushin, Uch. zap. Kish. un., 60:103-104 '68.
- Some data on the morphological properties and the distribution of eggs and larvae of the Spadina in the U. S. S. R. V. P. Fedorova, Ryb. khoz., 44 no. 4:14-15 '68.
- Therapeutic measures in swim bladder diseases in carp. S. S. Chochina, M. P. Dananov, Veterinariya 45 no. 6:72-73 Je '68.
- Transportation of Ctenopharyngodon eggs. A. I. Syrtal, Ryb. khoz., 44 no. 6:12 '68.

639.3(262.5)—Black Sea

- Sexual maturity of Azov sturgeon. E. V. Makarov, S. V. Tikhonova, Ryb. khoz., 44 no. 5:0-11 '68.

639.3(471.2)—Northwestern R. S. F. S. S. R.

- Trends in the development of Lake Ladoga fisheries. I. S. Tikhonov, Ryb. khoz., 44 no. 5:13-14 '68.

639.3(470.24)—Azerbaijan S. S. R.

- Control measures against ectoparasites on salmon breeding farms. A. A. Gedarov, Ryb. khoz., 44 no. 11 '68.

639.3(575.4)—Turkmen S. S. R.

- Primary production and microflora of fertilized ponds of Karamet-Niyaz. O. I. Bogdanovich, Izv. AN Turkmen. Ser. biol. nauk, no. 1:66-62 '68.

64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING. HOME AND HOTEL MANAGEMENT, ETC.

05(471. 85)—North Ossetian A. S. S. R.

Accounting for overhead costs and profit in service industry enterprises. M. Dzidzbaev, V. Demianenko. B. Khg. uchul. 27 no. 4:23-40 Ap '68.

64(574)—Kazakh S. S. R.

Needs of the rural consumer. M. Arystanbekov. Nar. kiz. Kazakh. 26 no. 5:77-79 My '68.

641 Food. Cookery. Cuisine

Gifts of the sea! Dary moria. [By] Lov Zenkevich I dr. [Moskva] "Ekonomika," 1968. 215 p.

641(471. 311)—Moscow Province

Coots are packaged in the store. N. Poliakova. Sov. potekh. koop. 12 no. 4:32-33 Ap '68.

641(477)—Ukrainian S. S. R.

Central laboratory for the scientific organization of labor. I. D. Kravchenko. Khur. grain. 9 no. 3:54 My '68.
The "Svilanos" complex. N. Kuzhencov. Sov. torg. 41 no. 6:20-30 Ja '68.

642 Meals. Table service and cover

Accounting for capital assets in public food service. A. Pankhkin. Bukhlg. uchul. 27 no. 4:10-42 Ap '68.

642(471. 02)—Krasnodar Territory

The beacon of "Alaika." O. Sokolov. Sov. putrkh. koop. 12 no. 4:40-41 Ap '68.

645 Furnishing. Coverings. Fittings

Study of the durability of built-in furniture. V. K. Guk. Les. bum. i der. bum. un. 4:16-21 '67.

646 Clothing. General appearance. Cleanliness

Accounting and control in the service industry system. M. Iankovitch. Bukhlg. uchul. 27 no. 5:23-27 My '68.

646(41)—United Kingdom and Northern Ireland

About British youth and Carnaby Street. A. Holikala. N. v. v. 26 no. 3:27-28 Ap '68.

646(471. 310)—Moscow City

Moscow's service industries firms. A. V. Guseva. Gor. khoz. Mosk. 41 no. 12:6-7 Ja '67.

648 Washing. Ironing. Cleaning

Household service industries firms. A. V. Guseva. Gor. khoz. Mosk. 41 no. 12:6-7 Ja '67.
Once more about "Ml." S. Kostar. Izd. i. rata. no. 6:38 '68.

648(471. 232)—Leningrad City

Start the output of the needle machine. A. Kolosov. V. Broshchik. Sov. torg. 41 no. 1:54-55 Ap '68.

65 MANAGEMENT, ORGANIZATION OF INDUSTRY AND COMMERCE. BUSINESS. COMMUNICATION AND TRANSPORT

65.01 Management theory, method, system

Characteristics of the analysis of network schedule graphs using "Kuznetsov-2" computers. I. U. Glazunov. Iy. khoz. 44 no. 3:90-92 '68.
Color used in control systems. V. Srukhianov. Prom. Arm. 10 no. 9:10-11-12 '67.

Determining the volume and length of time for major construction work in quarters of rock products and building materials. M. E. Medvedev. V. I. Gorkunov. A. S. Akseil'rod. Shakh. stroit. 12 no. 5:12-15 My '68.

Distribution of queuing time under steady-state conditions for a queuing system with "heat-up" time. P. O. Petrov. Vych. mel. i prog. no. 9:117-130 '67.

Give a scientific basis to the evaluation of the level of the technical operation of ships. V. Ivoriadkin. Rech. transp. 28 no. 4:30-31 Ap '68.

The importance of increasing the efficiency of capital investments. B. I. Glazunov, R. Safarian. Prom. Arm. 10 no. 9:10-11-12 '67.

Improve the overall oversight of the fleet. E. Arkhipov. Rech. transp. 28 no. 4:10-11 Ap '68.

Improving the planning in the boiler repair and forging departments of a machinery shop. L. S. Kruglikov. V. E. Bragile, L. I. Ivanova. Mel. i gornorud. prom. no. 2:83-85 Mr. Ap '68.

Index of capital return. G. Darbinian. Prom. Arm. 10 no. 9:10-11-12 '67.

Industrial merger of cement plants in Novorossiisk. N. A. Olosov. Tsement. 72 no. 1:16-17 Ja '68.

The Lenin principles of management and the economic reform. L. Abitkin. Sov. torg. 41 no. 12:8 Ap '68.

Mechanization and automation in the china and faience industry. I. A. Urchak, Y. S. Entella, M. Ye. Sheinina. Zhur. VKHO 13 no. 2:208-212 '68.

Mechanization of loading operations in the production of nitrogen fertilizers. A. N. Tutl'ev. Khim. prom. 14 no. 4:65-66 Ap '68.

One-day queuing system with "heat-up" time. Iozh. Gergel. Vych. mel. i prog. no. 9:99-107 '67.

Organizational technical plan of an enterprise and interplant self-financing. P. S. Grabchuk, I. P. Kocheyukh, O. M. Semenov. Tekh. i org. protzv. no. 3:3-10 My '68.

Palm's problem for a limited queuing system. V. Budachuk. Vych. mel. i prog. no. 8:131-142 '67.

Problems of production organization in pipeline transport. V. E. Gubin, A. P. Murinov. Organ. i upr. nedel. prom. no. 2:8-12 '68.

Results of adopting network planning methods for the management of the "Bilokovskate" No. 1 Coal Mine of the "Tulaugel" Combine. P. V. Avdeulov. Nauch. trudy Mosk. nat. raillioelek. i gor. elektromek. no. 5:31-31. 323 '65.

Simple proof of Palm's hypothesis. B. V. Nemchinov. Vych. mel. i prog. no. 9:108-110 '67.

Some problems of random queuing. G. P. Klimov. Vych. mel. i prog. no. 9:110-116 '67.

Some questions of the economic reform. M. Kotanin. Prom. Arm. 10 no. 9:110-112-113 '67.

Utilization of coal mines during their reorganization abroad. N. A. Nosenko. Shakh. stroit. 12 no. 6:28-30 My '68.

65. 01(471. 43)—Kuybyshev Province

Improve auxiliary workshop production to correspond to the proper level. T. I. El'mova, V. E. Kogin. Organ. i upr. nedel. prom. no. 2:16-17 '68.

Ways of improving the management in oil well construction. S. M. Danelian, R. P. Chelyshkin. Organ. i upr. nedel. prom. no. 2:3-8 '68.

65. 01(471. 52)—Dnepropetrovsk A. S. S. R.

Developing and introducing measures in the scientific organization of labor and main trends in work in carrying out recommendations of the all-Union conference on labor organization in enterprises of the "Bashkirskiy" Combine. A. V. Gublanov. Organ. i upr. nedel. prom. no. 2:31-35 '68.

Organization of work in introducing the scientific organization of labor in the "Yuzhnyy" Oil Field Administration. Kh. A. Babinik. Organ. i upr. nedel. prom. no. 2:31-38 '68.

651 Office management, practice and equipment

Aleksandrov, O. S. [Phonostenography, audio speed-writing] Fonostenografiya - slukhovaia skopirovka. [Izd. 3-o (pererabot. i uprosichen.)] Kishinev, "Karlia mollovdancke," 1968. 126 p.

[Organization and management. (Problems of theory and practice)] Organizatsiia i upravlenie. [Voprosy teorii i praktiki]. Moskva, "Nauka," 1968. 222 p. (Seriya "Organizatsiia i upravlenie").

Recording and storage of norm documentation. I. A. Bakhtin. Stand. i kach. 33 no. 1:72-73 Ja '68.

654.1 Use of telegraph and telephone. Radio and television Broadcasting and receiving

I am a Communist. I. U. Krinov. Radio no. 3:1-4 Mr '68.

A new stage and new objectives. Radio no. 3:1-2 Mr '68.

"Radio pirates." D. Edel'man. Radio no. 3:62 Mr '68.

Television methods in control. V. Dzhekanilla, S. Kaganer. Radio no. 3:10-18 Mr '68.

Vera, a radio operator. L. Zolotareva. Radio no. 3:5 Mr '68.

655 Printing. Publishing. Book trade

Kislovskii, M. M. [Machinery and equipment of printing plants] Izhimovnoe khoziatstvo poligraficheskikh predpriiati. Moskva, "Kuga," 1967. 208 p.

Nazarov, A. I. [The October Revolution and books. Organization of Soviet publishing houses and the formation of a great number of readers. 1917-1923] Oktlbr' i kniga. Sozdaniie sovetaskikh izdatel'stv i formirovaniie massovogo chitala. 1917-1923. [Moskva, "Nauka," 1968] 386 p.

[Technology and equipment of the woodpulp, paper, and printing industry] Tekh. i obor. tsol. - bum. i poligr. protzv. nos. 5, 7, My, Ji '68.

655(471. 232)—Leningrad City

Simpler, more convenient and reliable. V. V. Ostrovskiy. Stand. i kach. 32 no. 1:88-91 Ja '68.

655(477)—Ukrainian S. S. R.

Vladych, L. V. [Expressed in graphics. Reviews, articles, and criticism] Movutu grafiky. Obitaty, slati, rolsenzii. [Kyiv, "Mysletsivo," 1967] 249 p.

655(479. 22)—Georgian S. S. R.

Shmerling, R. O. [Aristic form of Georgian manuscripts of the 9th-11th centuries] Khudozhestvennoe orformenie Gruziiskoi rukopisnoi knigi IX-XI vv. Tbilisi, "Metlenereba," T. I. 1967. 224 p.

656 Transport and postal services

Aksenov, I. Ia. [Cybernetics in transportation systems] Kibernetika na transporte. Moskva, "Znanie," 1968. 81 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Transport").

[Container shipments and the interaction of various types of transportation] Ret. zhur.: Vuzimodole. raz. vhl. transp. i kuml. perev. nos. 3, 0-7. Mr. Jo-Ji '68.

The dollar crisis and air tariffs. Z. Ramlanteova. Graznl. av. 26 no. 6:31 Ja '68.

The fastest and most irreplaceable. V. Solov'ev. Graznl. av. 26 no. 6:12-13 Ja '68.

[Passenger's guide] Spravochnik passazhira. Moskva, "Transport," 1968. 412 p.

656(471. 12)—Tyumen' Province

Shipping problems in the northern part of Tyumen' Province. I. D. Chasov, Ia. P. Kulesov. Strel. i inoprov. 13 no. 2:6-12 '68.

656.08 Traffic accidents

Judicial examination of traffic accidents. V. Pyanin. Rad. pravo no. 3:30-42 Mr '68.

656.1 Road transport, haulage

[Automotive and city transportation] Ret. zhur.: Avi. i gor. transp. no. 7 Ji '68.

Azarkh, A. I., and P. Z. Dolkin. [Exercises on traffic regulations] Upravleniia po pilyam dylzhniiia transportnykh sredstv. Moskva, "Transport," 1968. 149 p.

Calculation of the life of timber hauling truck springs based on given statistical characteristics of the road. A. G. Gusev, N. I. Ilyukhin, I. V. Ilyukhin. Les. bum. i der. bum. no. 3:91-99 '67.

Cost accounting should be introduced in all units of motor vehicle transportation on a wheel basis. I. Iannin. Sov. transp. no. 10:12-13 O '67.

Developing scientific research in motor vehicle transportation. N. Ostrovskii. Avi. transp. no. 10:15-17 O '67.

Motor vehicle transportation in the creation of the October Revolution. I. Vorkhovskii. Avi. transp. no. 10:1-3 O '67.

Public catering enterprises should be built along highways. A. Parkhlovskii. Avi. dor. 31 no. 4:10 Ap '68.

Stages in the improvement of motor vehicle transportation. V. Iulianov. Avi. transp. no. 10:50-61 O '67.

Statistical study of the vertical dynamics of a connected system. B. G. Gantsev, N. I. Ilyukhin, I. V. Ilyukhin. Prom. no. 4:75-80 '67.

656. 1(471)—Russian Soviet Federated Socialist Republic (U. S. S. R.)

R. S. S. R. S. Shapilakov. Avi. transp. no. 10:10-11 O '67.

656. 1(471. 232)—Leningrad City

Motor vehicle transportation of Leningrad on the river. A. Ivanov. Avi. transp. no. 10:21-23 O '67.

656. 1(474. 2)—Estonian S. S. R.

Estonian S. S. R. R. Sibul. Avi. transp. no. 10:38-39 O '67.

656. 1(474. 3)—Latvian S. S. R.

Latvian S. S. R. A. Borda. Avi. transp. no. 10:46-47 O '67.

656. 1(474. 5)—Lithuanian S. S. R.

Lithuanian S. S. R. V. Marijaitis. Avi. transp. no. 10:40-41 O '67.

656. 1(470)—White Russian S. S. R.

White Russian S. S. R. A. Andreev. Avi. transp. no. 10:18-20 O '67.

656. 1(477)—Ukrainian S. S. R.

Ukrainian S. S. R. I. Braichenko. Avi. transp. no. 10:12-11 O '67.

656. 1(478)—Moldavian S. S. R.

Moldavian S. S. R. N. Gaponov. Avi. transp. no. 10:42-43 O '67.

656. 1(479. 22)—Georgian S. S. R.

Georgian S. S. R. T. Davlathvili. Avi. transp. no. 10:32-33 O '67.

656. 1(479. 24)—Azerbaijan S. S. R.

Azerbaijan S. S. R. M. Bnbaev. Avi. transp. no. 10:34-35 O '67.

656.1(479.25)—Armenian S.S.R.

Armenian S.S.R. G. Arutunyan. Avt. transp. no. 19: 51-55 Q 167.

656.1(574)—Kazakh S.S.R.

Kazakh S.S.R. M. Ponomarev. Avt. transp. no. 10: 26-27 O 167.

656.1(575.1)—Uzbek S.S.R.

Uzbek S.S.R. V. Rajzhsbov. Avt. transp. no. 10: 24-25 O 167.

656.1(575.2)—Kirghiz S.S.R.

Kirghiz S.S.R. Kh. Koshayev. Avt. transp. no. 10: 34-35 O 167.

656.1(575.3)—Tajik S.S.R.

Tajik S.S.R. A. Ismailov. Avt. transp. no. 10: 51-53 O 167.

656.1(575.4)—Turkmen S.S.R.

Turkmen S.S.R. A. Ayvazlychev. Avt. transp. no. 10: 36-37 O 167.

656.2 Railway transport

Akseyev, I. A. [Cybernetics in transportation systems] Kibernetika na transporte. Moscow, "Znanie," 1958. 61 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Transport").

Algorithmic calculation of plans for making up local passenger trains. V. G. Shukko. Trudy MII no. 213: 121-121 167.

Analysis of overtime use of locomotives. A. I. Karapanyshov, V. G. Galaburda. Trudy MII no. 259: 122-122 168.

Analysis of the effect of electric and diesel traction on the cost of railroad hauls. A. S. Chirsov, N. G. Avdeyeva, M. V. Shugolova. Trudy MII no. 259: 55-57 168.

Artificial railing for the standardization of materials consumption. A. V. Il'inskiy, M. E. Lunyukov. Trudy MII no. 259: 130-131 168.

Basic trends in accomplishing overall mechanization and automation of freight handling operations in railroad transportation. G. P. Grishchik. Trudy MII no. 183: 120 168.

Batch testing of loaders. E. A. Kamenskaya, E. A. Butser. Trudy MII no. 183: 91-91 168.

Channel receiver of automatic code selection. V. M. Khodor. Trudy MII no. 256: 115-120 168.

Classification and problems of studying packaging machines. A. E. Ridel. Trudy MII no. 183: 66-73 168.

Classification of delays according to reliability. D. M. Zakhari. Avtom. telemek. i svyaz. 12 no. 1: 21-22 Ja 168.

Contributions of railroad communication workers in the first year of the five-year plan. N. M. Semenov. Avtom. telemek. i svyaz. 12 no. 1: 1-3 Ja 168.

Coordinating system for regulating train traffic interlocks. A. M. Ilyichev, I. E. Dmitrenko. Trudy MII no. 259: 44-51 168.

[Cybernetics and transportation. Cybernetics in the planning and management of rail transportation] Kibernetika i transport. Kibernetika v planirovani i upravlenii na zhelezнодорожном transporte. Moscow, "Nauka," 1968. 296 p.

The DK-32 filter. N. V. Kheifmanova. Avtom. telemek. i svyaz. 12 no. 1: 30-36 Ja 168.

Development of normal freight traffic schedules within the general network. M. P. Kholodov and others. Trudy MII no. 259: 11-21 168.

Device for measuring acceleration. N. M. Monarev, M. V. Varavov, L. V. Rabin. Avtom. telemek. i svyaz. 12 no. 1: 4-9 Ja 168.

Devices for remote controlled protection of rolling stock. I. S. Oshurkov, M. A. Oshurkov, R. R. Berkagan. Avtom. telemek. i svyaz. 12 no. 1: 14-17 Ja 168.

Effect of the criterion of optimality of a transportation plan on the degree of profit in railroad transportation. I. V. Belov. Trudy MII no. 259: 153-160 168.

Effectiveness of using an operational building under certain factors of technological processes and geometrical parameters of the building. H. N. Slanets. Trudy MII no. 209: 50-100 168.

Elements of modernization of a standard numerical code-type automatic block system for improving traffic safety. E. A. Ilyicheva. Trudy MII no. 256: 126-129 168.

Evaluating the strength of strapping materials ensuring the safety of packages in shipment. N. F. Simonov. Trudy MII no. 183: 74-75 168.

Evaluation of errors in measurements of track traveled by a locomotive. B. M. Stepanchik. Trudy MII no. 255: 126-127 168.

Existing conditions and ways of development of means of communication with movable units for automating train traffic control. A. A. Glinkin, V. A. Il'in. Trudy MII no. 256: 20-25 168.

Frequency-type automatic block system with communication with control of insulating joints. A. M. Ilyichev, I. E. Dmitrenko, B. M. Stepanchik. Trudy MII no. 250: 92-93 168.

Fundamentals in prognosticating estimated railroad car flow when working out plans for making up trains, using electronic digital computers and applying the theory of random functions and mathematical statistics. M. F. Chupenko. Trudy MII no. 248: 89-111 167.

Graphic method of devising natural lighting for buildings through ceiling lights. A. M. Tadin. Trudy MII no. 209: 161-170 168.

Guarding the traffic safety. I. A. S. Kozlov. Avtom. telemek. i svyaz. 12 no. 1: 26-28 Ja 168.

Improvement of modulation in the Zim-4P transceiver. N. V. Krasnikov. Avtom. telemek. i svyaz. 12 no. 1: 42 Ja 168.

Improving the efficiency of transporting Moscow region coal using electronic computers. M. I. Danilov, F. I. Golubev. Trudy MII no. 25: 23-32 168.

Inventories of Professor I. V. Mikhal'tsev. Trudy MII no. 253: 3-10 168.

Indices of labor and use of a combine yard. M. F. Trifanov, M. K. Mitropol'skaya. Trudy MII no. 256: 105-121 168.

Intuitive coupling in the automatic train traffic control system. V. M. Litvinov, I. E. Dmitrenko, I. E. Kravtsov. Avtom. telemek. i svyaz. 12 no. 1: 45-47 Ja 168.

Indestructibly prefabricated flooring and roofing for major repairs of railroad buildings and their standardization. K. M. Chernomir. Trudy MII no. 206: 171-201 168.

Influence of skin effect in rails on the accumulation of a short circuit current in a d.c. overhead contact network. B. I. Kozarov. Trudy MII no. 259: 130-139 168.

Investigation of problems of overall mechanization and automation of operations dealing with handling of freight in railroad operations. A. T. Kholodkov. Trudy MII no. 183: 57-65 168.

"A. Ilyichev." E. Otkov. Avtom. telemek. i svyaz. 12 no. 1: 21-25 Ja 168.

Mathematical interpretation of interdependence of parameters of buildings and water use. B. N. Sharnev. Trudy MII no. 206: 5-10 168.

Measurements taken in half-wave rectifier circuits. A. A. Ilyichev. Trudy MII no. 255: 97-102 168.

Method of analyzing capital yield indices in the railroad industry. N. G. Savolova. Trudy MII no. 256: 70-80 168.

Method of designing a multichannel transmission according to a given overall loss. A. A. Volkov. Trudy MII no. 255: 38-40 168.

Method of economic estimation of fast passenger traffic. V. S. Mikhlin, V. S. Ilyichev. Trudy MII no. 259: 140-148 168.

Method of studying certain aspects of automating dispatching train traffic control. G. A. Placov. Trudy MII no. 248: 74-80 167.

Methods for increasing the reliability of primary information in data electronic digital computers. R. E. Mikhlin, G. S. Rabin. Avtom. telemek. i svyaz. 12 no. 1: 30-32 Ja 168.

Modeling the operations of a freight station using electronic digital computers. A. G. Sedukh. Trudy MII no. 248: 122-134 167.

Modelization of grappling devices of universal containers. V. G. Kirkin. Trudy MII no. 241: 12-21 167.

New elements of the theory of rail circuits. A. M. Brylev, B. M. Stepanchik. Trudy MII no. 258: 74-79 168.

Organic glass as a building material for fluorescent sections of buildings. A. M. Gordin. Trudy MII no. 206: 110-160 168.

Overall mechanization of container transshipment operations. V. G. Kirkin. Trudy MII no. 241: 4-11 167.

Petrovskiy, F. V., and A. V. Rezin. [Installations of centralized stations of central control service] Ustroystva tsentralnykh postov dispetcherskoy tsentralizatsii. Moscow, "Transport," 1967. 182 p.

Polymer cement concrete as a floor covering material in railroad buildings: an experimental investigation. N. P. Sarycheva, I. S. Chernikova, L. S. Gorbakova. Trudy MII no. 209: 122-137 168.

Problem of potential interference stability of radio-telegraph communication systems. I. E. Dmitrenko, A. A. Volkov. Trudy MII no. 256: 112-114 168.

Problems of practical design of prefabricated supporting structures for substations in connection with the use of electric loadings, stackers, and other similar machines. G. G. Grigoriev. Trudy MII no. 183: 80-84 168.

Prospects for the development of long-distance cable communication lines. D. A. Rabin. Avtom. telemek. i svyaz. 12 no. 1: 4-12 Ja 168.

[Railroad transportation] Ref. zhur.: Zol. dor. transp. no. 5-7, My-JI 168.

Replacement of a section of a signaling code without disrupting the operation of signaling devices. M. A. Loskarev. Avtom. telemek. i svyaz. 12 no. 1: 30 Ja 168.

Selection of parameters of a wire-pulse automatic block system with bipolar rail circuits designed by the Moscow Institute of Railroad Transportation Engineers. V. V. Horoshev. Trudy MII no. 256: 103-111 168.

Selection of the parameters of a large boxcar in view of their effect on the mechanized loading and unloading. E. I. Ridel. Trudy MII no. 183: 104-115 168.

Selection of the type of operating mechanism for a snow removal machine. S. A. Simonov. Trudy MII no. 183: 144-150 168.

Signaling and control operations for regulating rail circuits. E. A. Ilyicheva. Trudy MII no. 256: 35-37 168.

Some methods of designing parking machines. A. E. Mikhlin. Trudy MII no. 241: 88-93 167.

Special features in the use of semiconductor elements in railroad automation systems. V. I. Zhakov. Trudy MII no. 255: 26-34 168.

Study of a semiconductor relay transmitters. V. I. Zhakov, O. A. Maslakov. Trudy MII no. 258: 80-84 168.

Study of the minimum limit sensitivity of rail circuits. A. M. Ilyichev, E. A. Bryleva. Trudy MII no. 256: 85-86 168.

Suggestions for new types of small capacity railroad stations. E. V. Vasil'ev. Trudy MII no. 206: 101-121 168.

Synthesis of rail circuits. A. M. Brylev, E. A. Bryleva, Trudy MII no. 256: 54-73 168.

System of program control of train traffic. A. M. Brylev, I. E. Dmitrenko, B. M. Stepanchik. Trudy MII no. 259: 3-10 168.

Technical and economic effectiveness of automation in track management. V. E. Nomonka. Trudy MII no. 183: 129-143 168.

Technical and economic evaluation of implements of mechanization used in unloading mineral fertilizers. A. I. Pavlov, N. F. Simonov. Trudy MII no. 183: 31-55 168.

Technical standardization of labor when using the conveyor method for railroad car repair. I. S. Kozlov. Trudy MII no. 259: 101-102 168.

Unloading of mineral fertilizers transported by railroad cars in loose bulk. G. N. Grigorovich and others. Trudy MII no. 183: 21-30 168.

Use of economic and mathematical methods when planning the use of isothermal cars. A. I. Kapitsin, A. M. Surkov. Trudy MII no. 258: 146-152 168.

Use of the electronic computers for calculating reliability and economic indices by railroad network sections. A. I. Krasnitsynov, B. M. Tsarov. Trudy MII no. 182: 33-54 168.

Visual information. Avtom. telemek. i svyaz. 12 no. 1: 40-41 Ja 168.

Velocity regulation of traveling signalization. M. F. Krasnov. Trudy MII no. 258: 121-125 168.

Voltage comparators for rail circuits power supply. I. I. Zhukov, O. A. Maslakov. Trudy MII no. 256: 10-41 168.

What a long-distance communication cable should be like. V. A. Rozov. Avtom. telemek. i svyaz. 12 no. 1: 12-14 Ja 168.

656.2(471.54)—Sverdlovsk Province

Plans for the scientific organization of labor at the Sverdlovsk railroad station. A. M. Gulyaev, A. P. Konyalov. Avtom. telemek. i svyaz. 12 no. 1: 40-41 Ja 168.

656.2(471.6)—Northern Caucasus

Certain problems of overall mechanization of loading and unloading operations at the Northern Caucasus installations. V. D. Shukin. Trudy MII no. 87: 4-6 168.

656.5 Pipelines

[Pipeline transportation] Ref. zhur.: Trud. transp. no. 5-7, My-JI 168. Predluzhnyi ikazatel' 1967.

656.6 Marine, water transport

Controlling the prearranged movements of a ship. Z. A. Kozin. Sudostroyeniye 58 no. 5: 26-29 My 168.

From an address by participants at a meeting of sea workers in R. S. F. S. R. river transportation. Rev. transp. 26 no. 4: 4 Ap 168.

Improved the overall shortening of the floor. I. Arkhipov. Rev. transp. 26 no. 4: 10-11 Ap 168.

Improving the maneuverability of 101, 370 cargo motorships with barges in tow. K. Koniarov. Rev. transp. 26 no. 4: 35 Ap 168.

Improving the theory and practice of management in ships. V. Mironov. Rev. transp. 26 no. 4: 12-13 Ap 168.

Kurlyev, T. A., and M. I. Chernomol. [Manual for operators of motorboats and launches] Posobie volitel'nykh motornykh lozhki i kator. Izd. 3-e, pererabot. i dop. Moshyn, "Transport," 1967. 100 p.

Measures for the early completion of the five-year plan and for an increase in the economic efficiency of river transportation operation. Rev. transp. 26 no. 4: 9 Ap 168.

Norms for the position of light signals on a ship. D. Zolotarevskiy. Rev. transp. 26 no. 4: 45-46 Ap 168.

Optimal graphs for the loading and unloading of ships in harbors. V. Shtrinkin. Rev. transp. 26 no. 4: 21-22 Ap 168.

Optimum annual distribution of a regulated flow of hydroelectric power plant cascade in a combined power producing and navigational use. V. I. Kim, A. V. Kuznetsov, A. S. Pavlov. Prikladnaya kibernetika i avtomatika 4: 20-37 168.

Organizing excursion trips on local passenger lines. I. Shapiro. Rev. transp. 26 no. 4: 67 Ap 168.

Profitability and cost of river passenger service. I. M. Kovalchik. Rev. transp. 26 no. 4: 14-15 Ap 168.

The pulse of blue arteries. V. Parnitskiy. NTO 10 no. 3: 3-4 Mr 168.

Studying special sailing directions during navigation. P. Sos, I. Khabarov. Rev. transp. 26 no. 4: 18 Ap 168.

Two economists with a lion. I. Akovlov. Rev. transp. 26 no. 4: 9 Ap 168.

Work of volunteer economists under new conditions of management. I. Tsvolkov. Rev. transp. 26 no. 4: 58 Ap 168.

656.6(283.24)—European rivers

Danube Commission (1948-) [Proceedings of the Danube Commission] Protokoly Dumskoy Komissii. Budapest. [In Russian and French]. T. 26. [25th Session, June 1-12, 1967. Budapest. (Proceedings nos. 133-135)] Dvudetsiy ptatna sesstiya, 1-12 iunya 1967 goda, g. Budapest. (Protokoly No. No. 133-135) 1967. 398 p.

656.6(477)—Ukrainian S.S.R.

Important objective of water transport in the Ukraine. I. Kotik, A. Korukin. Rev. transp. 26 no. 4: 18 Ap 168.

656.7 Air transport

[Air transportation] Ref. zhur.: Vozd. transp. no. 7, Ji 168.

The dollar orlets and air tariffs. Z. Rumiantseva. Grahd. av. 26 no. 8: 31 Jo 168.

The passenger is at the center of attention. N. Bykov. Grahd. av. 26 no. 8: 2-3 Jo 168.

656.8 Mail, Post

Il. S. R. history on stamps. A. Zykov. NTO 10 no. 3: 48 Mr 168.

Organization of accounting and control in industrial enterprises of the Federal Republic of Germany.
V. Ivashkevich. Bkhg. uchet 27 no. 3-89-54 Apr '68

Centralized accounting offices in industry. S. Bolyn.
Beldzhichet 27 no. 5 10.16 Mty '68.

Practice in centralizing accounting. I. Dovlatko Bukhg
 etet 27 no. 5 40-41 May '68

Improve the organization of audits. N. Fokhratdinov,
Bukh. uch. 27 no. 4:50-51 Ap '63.

to meet voucher accounting method in construction,
B. Nikolaev, Buzh, uchet, 27 no. 4:45-48 Apr '68
Organization of accounting under the new conditions,
M. Arutov, Buzh, uchet, 27 no. 3:40-42 Mr '68

Reorganization of accounting in an enterprise. N. Shubnyl.
Bokh. uch. 37 no. 5 37-40 May '68.

Operational control over the cost of production and
lit. S. Medkov. Buhg. uchët 27 no. 3-42-44 Mr

Organization of current accounting in a procurement
office. V. Belashev. Mat. tekhn. smbzh. 1 m. 3:
52 Apr '69.

Accounting for overhead costs and profit in serviced
industrial enterprises. M. Dzubay, V. Neimaneiko.
Bukhgalter, 27 no. 4:38-40 Apr 68.

Original accounting in the plastic manufacturing, precast concrete structural elements. A. Olovskii, M. Elent'bergas. *Bukh. uchët* 27 no. 3:10-21 Mr '65.

Standard method of accounting in enterprises manufacturing household chemicals. M. Sankus, I. Kurdotova. *Bukh. uchët* 27 no. 3:13-16 Mr '65.

Accounting for losses due to waste in the "Sol'khozic'ka-
nitsa" enterprises. V. Savolov. Trudov. lihet 27 no. 3
44-46 Mr 100.

Centralized accounting office of a food market. A. Vid-
enko, Bukh. uch. 27 no. 5-16-18 May '60.
Comprehensive inspections in construction organizations.
M. Gerasimov, Bukh. uch. 22 no. 3-32-38 May '66.

Organization of accounting under the new conditions.
G. Kopyt, Bukhg. uchët, 27 no. 4:43-45 Ap '68,
Izmeneniya v ustavakh S. Federovskaya, Ykha

657(479 24) — Azel ballon S. S. R.

0571671.171—Kemerovo Province

Advantages of the journal-voucher accounting method.
M. Lozokol. *Bukhg. uchët.* 27 no. 5 47-48 *Mý* '68.

857(571. 63)—Maritime Territory

657(574)—Kazakh S. S. U.
 Machine accounting for the expenditure of materials.
 M. N. G. 28, Kazakh S. S. U. 26 no. 5:54-55 My '80.

658 Business, works and shop management and techniques
Appearance of the enterprises. S. Sotomono, Tekh, est
6, no. 5-0-2, Msk 68

Good lighting needed in enterprises. N. I. Ignatenko, *Mosk. -zdor. prom.*, 34 no. 5:37-39 My '66.

- Initial results of economic reforms in cement plants. S. I. Likh. T'ssent 31 no. 13-14 Ja '67.
- Makhevich, I. M. [Material standardization in the container industry] Normirovaniye materialov v proizvodstve tary. Moskva, "Lesnaya prom-st", 1967. 234 p.
- Justification of the optimal time coefficient for the use of piers for the loading and unloading of ships. Rech. in-razp. 26 no. 4-23-25 Ap '68.
- Looking for unguessed potential. I. Alekseev. NTO 10 no. 5-37 My '68.
- State of automation for improving production quality in the tire industry. N. Sh. Zhenulov. Stanisl. kach. 32 no. 16-67 Ja '68.
- Modernization of calculations in planning the production of standardized and unitized articles using computer-aided technology. B. I. Zhukov. Khim. i tekhn. mashinostr. no. 5-31-35 My '68.
- Methodology of analyzing the profitability of petroleum prospecting enterprises. V. I. Tishchenko. Izv. vys. ucheb. zav. nefr. i gaz. 10 no. 11-103-112 '67.
- Methods of calculating technically substantiated rates of producing development workings. I. V. Musakovsky. R. F. Petrova. Izv. vys. ucheb. zav. i gorn. zhur. 11 no. 2-42-43 '68.
- New economic conditions and scientific organization of work at the Frunze Flour Kombinat. A. Naiguz. Muk. i elev. prom. 34 no. 5-12-13 My '68.
- On the sea and on the shore. G. Kaminskii. NTO 10 no. 3-4-5 Mr '68.
- Organization and management. (Problems of theory and practice) Organizatsiya i upravleniye. (Voprosy teorii i praktiki). Moskva, "Nauch.", 1968. 222 p. (Seriya "Organizatsiya i upravleniye").
- Organizing the repair of unique and high-precision equipment. G. F. Kolanov and others. Tekhn. i org. prozv. no. 3-30-31 My-Ju '68.
- Critical graphs for the loading and unloading of ships in harbors. V. Solovinski. Rech. in-razp. 26 no. 4-21-22 Ap '68.
- Quail. A. Vasilenko. Prom. Arh. 10 no. 11-35 '67.
- Overall mechanized units should be given land sectors. P. Polovtsev. NTO 10 no. 5-17-18 My '68.
- Petrographic control of clinker quality. A. S. Malivtseva. T'ssent 31 no. 11-113-114 Ju '67.
- Pilliga, V. G. [Work organization and wages in electric installation work] Organizatsiya i razrabotka zarabotnaya plata na elektromontaznykh rabotakh. Moskva, Stroizdat, 1968. 80 p. (Biblioteka elektromontazhnikov).
- Planning of auxiliary shops under new administrative conditions. V. I. Mikhlenko. Trakt. i sel'khoz. mash. 2 no. 4-45-46 '68.
- Planning the production of BSK reinforced concrete products. E. N. Belov, V. G. Karmannov, T. I. Indreva. Vysht. met. i prog. no. 9-153-156 '67.
- Podolski, V. I., S. E. Yelrova, and V. B. Yelberman. [Permanent punched cards in the management of an enterprise] Posolannyye perforiruyemye upravleniye predpriyatiem. Moskva, "Ekonomika", 1968. 63 p. (Biblioteka khaz. rukovoditelov).
- Preventive control and calculation of the losses in beet and sugar during the period of milling for processing. I. E. Fliselman. Trudy TSISN no. 3-153-167 '55.
- Problems of building machine parameters. I. N. Afanasiev. Stanisl. kach. 32 no. 1-11-11 in '68.
- Problems of organizing the control on introduction and conformance to standards. M. N. Emel'yanova. Stanisl. kach. 32 no. 1-76-78 Ja '68.
- Problems of organizing well testing operations. M. N. Galimov, I. A. M. Khilabullin. Neftekh. 40 no. 6: 20-22 Jo '68.
- Production organization and planning in mining enterprises Organizatsiya i planirovaniye proizvodstva na predpriyatiyakh gornoy promyshlennosti. Pod obshch. red. K. D. Naumenko. Moskva, "Nedra", 1968. 400 p.
- The pulse of the arteries. V. Yaremaki. NTO 10 no. 3-3-4 Mr '68.
- Quality is the science of measuring the quality of production. G. G. Arzgal'dur and others. Stanisl. kach. 32 no. 1-34-35 Ja '68.
- Qualitative evaluation of the reliability of technological equipment. L. A. Makhevich, I. I. Kapselin. Avtomat. prozv. i maashirost. i prib. no. 5-3-11 '67.
- Noting the level of industrialization of oilfield construction in the Far East A. S. R. V. P. Baranov and others. Stroitel'stvo. 13 no. 2-26-30 F '68.
- Reconditioning parts and units of metalworking equipment by means of plastics and epoxy resins. M. N. Viatkov. Tekhn. i org. prozv. no. 3-31-33 My-Ju '68.
- Results of the year 1967 and further objectives of the workers of the petroleum production industry. V. D. Shashin. Neftekh. 40 no. 6-1-8 Jo '68.
- Role of economic methods in industrial management. P. Kalkstein. Ekon. i zhizn' 10 no. 1-52-54 Ja '68.
- Sapozhnikov, I. Z. [Providing building sites with complete sets of structural elements] Komplektnaya stroka materialov. Moskva, "Mosk. rabochi", 1968. 72 p.
- Sentence for the industry and industry for the science. V. A. Ambartsumian. NTO 10 no. 3-28-29 Mr '68.
- Scientific labor organization in the determining factor of production improvement. V. K. Shatulin. T'ssent 33 no. 2-14-15 Mr Ap '68.
- Scientific organization of workers' labor during the between-repair period of equipment servicing. N. V. Volnova, I. S. Morkhova. Khaz. prom. 0 no. 1: 3-24 Ja '68.
- Search for research workers. A. V. Mioshchenko. Khim. prom. Ukr. no. 3-61 My-Ju '68.
- Seminar "Algoritmizatsiya proizvodstvennykh protsessov." [Seminar "Algorithmization of production processes" reports] Seminar "Algoritmizatsiya proizvodstvennykh protsessov": doklady. Kiev. Vyp. 2. 1967. 127 p.
- Seminar on the results of new work conditions in plants. T'ssent 33 no. 1-4 Jo-M '67.

Shabailo, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlya opredeleniya kachestva lakokraskovnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch. i tekhn. propagandy. Seriya "Obmen perevodnykh proizvod. i nauch.-tekhn. opytom v derevobrabatovaniye i shchel' prom-sti").

Shor, I. A. [Applied problems in the theory of dependability. (Materials of a lecture delivered at a seminar on the dependability and progressive methods on control in production quality at the Polytechnical Museum in 1966)] Prikladnye voprosy teorii nadezhnosti. (Materialy lektsii, prochnykh na seminar po nadezhnosti i progressivnykh metodam kontrolya kachestva produktov v Politehnicheskom muze v 1966 godu). Moskva, "Znanie".

Vyp. 3-4. B. 9-10. 1966. 5 v.

Shile rule of the engineer as quality and reliability control. E. I. Ambartsumian, I. G. Kal'man. Stanisl. kach. 32 no. 1-54-55 Ja '68.

Solids. The loading, packing, storage and transportation of samples. Khim. i tekhn. 25 no. 2-23-24 F '67.

Some problems of an industrial interior. V. M. Lishtov. Tekhn. i org. prozv. no. 3-22-24 My-Ju '68.

Some problems of determining the economic efficiency of the automated systems of industrial management. N. G. Subbotin. Khim. i tekhn. 25 no. 2-217-225 Mr Ap '68.

Specialized ceilings. A. Trut'nikov, H. Pozinov. NTO 10 no. 3-36 Mr '68.

Standardization of trees on a sawing ship. G. M. Rikhsanov, L. I. Rikhsanov. Sel'skoye khoz. 55 no. 5-43-47 My '68.

Structure of working time input depending on different degrees of production automation. N. A. Saltykov, A. I. Trut'nikov. Tekhn. i org. prozv. no. 3-11-13 My-Ju '68.

The struggle against production of low-grade, substandard, and inefficient goods should meet new objectives. I. Smirnov. Sots. zakon. no. 5-32-35 My '68.

Studying the level and the dynamics of rejects in foundries. I. M. Roltov, I. I. Chmychev. Izv. vys. ucheb. zav. i tekhn. 11 no. 5-166-168 '68.

System of continuous operation-planning for procurement in an enterprise. N. Chernov. Mat.-tekhn. anal. 3 no. 3-14-22 Mr '68.

Technical and economic indices for the production of heat-resistant alloys in vacuum arc and induction furnaces. V. A. Romanets, I. V. Filcher, I. N. Ivanov. Izv. vys. ucheb. zav. i tekhn. 11 no. 5-162-167 '68.

Technological and economic results of adopting the S-12 diffusers at the Novotroitsk Sugar Factory. L. D. Kozmenko. Khaz. prom. 42 no. 5-31-56 '68.

Technological improvements reduce fuel costs in iron. I. M. Stokhchenko. T'ssent 32 no. 1-4-5 Ja '68.

Traction prices in relation to performance quality. E. I. Kotlov, A. I. A. Chernak. Trakt. i sel'khoz. mash. no. 2-40-43 F '68.

Two heads are better than one. B. A. Miller. NTO 10 no. 3-15-16 Mr '68.

Utilization of technological processes. A. A. Gusev, N. S. Mikhlin. Stanisl. kach. 32 no. 1-12-13 Ja '68.

Utilization of the system of estimating casting properties of alloys. P. I. Vukobrat, P. I. Poberzhimov, I. I. Prolov. no. 12-8 D '67.

Unified bank of block cast-iron components. A. V. Chubakov, A. F. Popov. Energoashinostroenie 4 no. 4-31-35 Ap '68.

Using mathematical methods in inspecting and controlling the quality of industrial production. A. Zhabulova. Stanisl. kach. 32 no. 1-49-51 Ja '68.

Vilnius conference and seminar. Stanisl. kach. 32 no. 1-7 Ja '68.

Voronovskii, V. R., and V. P. Padoev. [Organizing information systems in the petroleum-production industry] Organizatsiya informatsionnykh sistem v nefteobrabatovatel'noy promyshlennosti. Moskva, "Nedra", 1967. 171 p.

Ways of increasing labor productivity and of reducing the cost of ores. A. G. Zimenko and others. Met. i gorn. razp. prom. no. 2-88-90 Mr Ap '68.

Ways of raising the capital yield in foundry production. S. I. A. Gershteyn. Lit. prozv. no. 12-13-14 D '67.

658.5(437)—Czechoslovakia

Friends from Czechoslovakia. NTO 10 no. 6-45 My '68.

658.5(471.232)—Leningrad City

Simpler, more convenient and reliable. V. V. Ostrosov. Stanisl. kach. 32 no. 1-68-69 Ja '68.

658.6(471.30)—Moscow City

Plant management is a problem No. 1. P. Slivko. NTO 10 no. 3-9-11 Mr '68.

The reform and technological progress (the conclusion). I. Kuratkin. Ekon. i zhizn' 10 no. 1-59-62 Ja '68.

658.5(471.314)—Vladimir Province

Volunteer workers are conforming. L. Zakharov, T. Smolina. NTO 10 no. 6-24 My '68.

658.6(471.341)—Gorky Province

Fire of young hearts. P. B. Ashenko. NTO 10 no. 6: 26-28 My '68.

658.6(471.61)—Rostov Province

Strength and beauty. M. Sinenko, A. Ushchek. NTO 10 no. 3-37 Mr '68.

658.6(474.3)—Latvia S. S. R.

Problems of standard inspection of technical documentation on Latvian enterprises. V. P. Simindis. Stanisl. kach. 32 no. 1-71-72 Ja '68.

658.5(476)—White Russian S. S. R.

Resources for an increase in the effectiveness of the sugar production in White Russia. A. I. Kiselev. Khaz. prom. 42 no. 5-52-54 '68.

658.5(477)—Ukrainian S. S. R.

Central laboratory for the scientific organization of labor. I. D. Kravchenko. Khaz. prom. 0 no. 3-54 My-Ju '68.

Characteristics and results. N. N. Baranov. Stanisl. kach. 32 no. 1-58 Ja '68.

Concentration and specialization of production in the confectionery industry of the Ukrainian S. S. R. L. A. Novikova. Khaz. i kond. prom. 12 no. 5-21-26 My '68.

Experimenting in the precise control and calculation of production at the Gryzov factory in 1952-53. G. S. Dents, S. F. Skoroblin. Trudy TSISN no. 3-108-201 '55.

Industrial aerobics and perfect organization of work at the First of May Agricultural Machinery Plant. A. V. Burmistrov, A. N. Reshetnikov. Tekhn. i org. prozv. no. 3-28-30 My-Ju '68.

Introducing aerobics in production. S. V. Shilov. Tekhn. i org. prozv. no. 3-28-30 My-Ju '68.

Perfect organization of work at the Kremenchuk Road Machinery Plant. I. I. Prikhodko. Tekhn. i org. prozv. no. 3-30-32 My-Ju '68.

Promoting the increase of assessments and the improvement of the production quality. I. S. Kryzhanivskiy. Khaz. prom. 9 no. 1-52-53 My-Ju '68.

Seminar of workers of the food industry of the Ukraine. L. I. Soloviova. Khaz. prom. 9 no. 1-54-56 My-Ju '68.

658.5(478.24)—Azerbaijan S. S. R.

Karadag anisera. B. I. Vov, A. Krichvskiy. NTO 10 no. 3-22-23 Mr '68.

658.5(574)—Kazakh S. S. R.

Coordination of engineering and economic services. D. Ichan, L. Shugol'. Neftekh. Kazakh. 26 no. 5-25-27 My '68.

Making life of the new enterprises. N. Saybalin, I. Gorenman. Neftekh. Kazakh. 26 no. 5-16-20 My '68.

Material incentives for production quality. M. Trapornikov. Neftekh. Kazakh. 26 no. 5-31-32 My '68.

Object of operations, a difficult type of work. Neftekh. Kazakh. 26 no. 5-42-43 My '68.

Revised millions. . . . N. Voropaev. Sov. prozv. koop. 12 no. 5-20-21 My '68.

The scientific organization of labor, aerobics, and labor productivity. M. Anzurik. Neftekh. Kazakh. 26 no. 5-35-40 My '68.

There is need for modern technology. V. Tikhonov. Neftekh. Kazakh. 26 no. 5-84 My '68.

We are planning for efficient forms of labor. A. Alekseev, G. Laptev. Neftekh. Kazakh. 26 no. 5-57-59 My '68.

658.667 Utilization and control of waste, scrap, old material. Need for further utilization of products and waste from other branches of industry. G. I. Vasilik. T'ssent 34 no. 3-1-2 My-Ju '68.

New arrangement for returning trapped dust into kilns without its granulation. V. M. Sviridov. T'ssent 34 no. 3-20 My-Ju '68.

Units for crushing plastic wastes. A. M. Melnik, Y. M. Grinblat. Tekhn. i org. prozv. no. 3-43-45 My-Ju '68.

Use of tungsten-molybdenum wastes on wheat in the Urals A. S. S. R. N. I. Alshcheva and others. Mikrochim. v Shk. no. 5-21-73 '67.

Wastes from the production of borate acid used as admixtures during grinding of clinker. M. P. Chelubov, I. P. Ignatova. T'ssent 33 no. 1-12-14 Ja-M '67.

658.5(575)—Asianic U. S. S. R.

Possibility of using industrial wastes from factories as fertilizers in Western Siberia. A. S. Mikhailov. Mikrochim. v Shk. no. 5-123-127 '67.

658.6 Commercial and trading business technique. Decisions of subnational agencies. Sots. zakon. no. 5-87 My '68.

Procedures in the receipt of imported food products. A. Moghlanov. Sov. iust. no. 11-21-22 Jo '68.

658.7 Buying, procuring and management of stock. Automatically controlled storage of spare parts. Tekhn. i org. prozv. no. 3-117 My-Ju '68.

Basic principles of creating an automated system management of supply of materials and equipment. B. L. Geronimus. Ekon. i mat. metod. 1 no. 2-211-216 Mr Ap '68.

Developing an automated system of management of the procurement of animal products. O. Aven, A. Lerner, A. Munkonov. Mat.-tekhn. anal. 3 no. 3-55-62 Mr '68.

From the editor's mail. Mat.-tekhn. anal. 3 no. 3: 71-76 Mr '68.

Fundamental problems of the economics of supply of materials and equipment. V. Kurachenko. Mat.-tekhn. anal. 3 no. 3-1-13 Mr '68.

In the State Supply Commission of the U. S. S. R. Mat.-tekhn. anal. 3 no. 3: 94-95 Mr '68.

Machine accounting for state deliveries in fruit and vegetable trading. G. Novikova. Bukh. uch. 27 no. 3: 22-24 Mr '68.

The procurement department of a plant could work better. Z. I. Ivanova. Mat.-tekhn. anal. 3 no. 3: 80-82 Mr '68.

658.7 (Continued)

- Placement of enterprises manufacturing chemical and petrochemical products. A. Muslov. Mat. tekhn. snabzhen. 3 no. 3:22-27 Mr '68.
- Property liability in delivery contracts. L. Glikin. Izv. Vsesoyuz. Sov. protreb. koop. 12 no. 3:50-60 Mr '68.
- Some problems of improving economic work. G. Glin. Mat. tekhn. snabzhen. 3 no. 3:52-54 Mr '68.
- Supplying long-term contracts in large cities with complete sets of structural materials prepared under plant conditions. I. Stal'nov. A. Mater. Mat. tekhn. snabzhen. 3 no. 3:42-46 Mr '68.
- System of continuous-operation planning for procurement in enterprises. N. Chernov. Mat. tekhn. snabzhen. 3 no. 3:44-24 Mr '68.
- System of supplying agriculture with materials and equipment. A. Ezhovskii. Ekon. sel'khoz. 43 no. 4:45-56 '68.
- Transit shipment of china and deliveries through the warehouse. S. Farikhmanov. Sov. torg. 41 no. 4:51 Ap '68.
- What is right after all? V. Napalkov. Sov. torg. 41 no. 4:52-53 F '68.

658.7(471.315)—Ivanovo Province

- Why transportation expenditures are high. H. Ilgatyrev. Sov. torg. 41 no. 6:42-43 Je '68.

658.7(471.64)—Kabardino-Balkar A. S. S. R.

- Organization of current accounting in a procurement office. V. Batshev. Mat. tekhn. snabzhen. 3 no. 3:50-52 Mr '68.

658.7(474.3)—Latvia S. S. R.

- Improving the planning and organization of procurement. A. Olshanskii. Mat. tekhn. snabzhen. 3 no. 3:47-48 Mr '68.

658.7(477.8)—Western Ukraine

- Centralized delivery of products. G. Sivchenko. Sov. torg. 41 no. 3:45-49 Ap '68.

658.7(57)—Asianic U. S. S. R.

- Our practice. B. Oskarov. Mat. tekhn. snabzhen. 3 no. 3:76-78 Mr '68.
- Supplying goods in the Far North. A. Turov. R. Spasokhva. Lav. potreb. koop. 12 no. 4:7-10 Ap '68.

658.7(574)—Kazakh S. S. R.

- Centralized automotive transportation is profitable. I. Bulavko. Nar. khoz. Kazakh. 26 no. 5:55-56 My '68.

658.8 Marketing. Selling. Distribution

- Acceptance of agricultural products on assignment. A. Frizkov. Sov. potreb. koop. 12 no. 4:58 Ap '68.
- Activities of accreditation agencies. Izd. prav. no. 1:104-105 Mr '68.
- Information and advertisement in a department store. I. Aizenfeld. Sov. potreb. koop. 12 no. 5:16-17 My '68.
- Methodological recommendations on the development and introduction of plans for scientific labor organization. Sov. torg. 41 no. 4:31-36 Ap '68.
- Methodological recommendations on the development and introduction of plans for the scientific organization of labor. Sov. torg. 41 no. 6:31-34 Je '68.
- Put trade services in the center of attention. I. Granovskaya. Sov. torg. 41 no. 4:40-42 Ap '68.
- Standard wholesale prices for frame-building sites. A. Kravtchuk. Na stroit. Dos. 9 no. 3:24-31 Mr '68.
- What the experience prompts. G. Babovskaya, L. Mazel', G. Belkin. Sov. torg. 41 no. 4:13-17 Ap '68.
- The wholesale trade of petroleum products and reduction of overhead costs. V. Razumov, L. Timonov. Mat. tekhn. snabzhen. 3 no. 3:30-33 Mr '68.

658.8(471.232)—Leningrad City

- High reward. M. Abalantsev, N. Tikhomirova. Sov. torg. 41 no. 4:23-23 Ap '68.

658.8(471.316)—Moscow City

- Communist labor collective. G. Karkova. Sov. torg. 41 no. 4:24-27 Ap '68.

658.8(471.5)—Ural regions

- The wholesale trade in the Middle Ural Economic Region. B. Ovecharko. Mat. tekhn. snabzhen. 3 no. 3:76-80 Mr '68.

658.8(474.2)—Kislovodsk S. S. R.

- Improving service to the customer is the main concern. R. Avg. Sov. potreb. koop. 12 no. 1:11-12 Ap '68.
- Tailor House of Trade. T. Ruckenberg. Sov. torg. 41 no. 4:28-29 Ap '68.

658.8(571.13)—Omsk Province

- Scientific organization of labor in a food market. N. Mikhlik. Sov. torg. 41 no. 1:45 Ap '68.

658.8(571.14)—Novosibirsk Province

- Our practice. N. Neala. Sov. torg. 41 no. 4:43-44 Ap '68.

658.8(574)—Kazakh S. S. R.

- Improving planning in trade. Z. Khimich, V. Sagitdinov. Nar. khoz. Kazakh. 26 no. 5:21-24 My '68.

What is taught by the experience of a wholesale retail firm. M. Arslan, L. Nosybulina. Nar. khoz. Kazakh. 26 no. 5:73-76 My '68.

659 Publicity. Information

- Best shipwrights. R. Smitsyn. Sov. torg. 41 no. 6:56-60 Je '68.
- Designers' conference. A. Shtrubekian. Prom. Arm. 10 no. 1:10-15:70 '67.
- Information and advertisement in a department store. I. Aizenfeld. Sov. potreb. koop. 12 no. 5:16-17 My '68.
- War and the working class. Marit Lavel. Nov. vrem. no. 25:24 Fe '68.

659(477)—Ukrainian S. S. R.

- Scientific and technical information is a powerful lever of technical progress. Tekh. torg. protzv. 10 no. 3:1-2 My-Je '68.

66 CHEMICAL INDUSTRY. CHEMICAL TECHNOLOGY

- At Union conference of workers of the chemical industry of the U. S. S. R. V. A. Nevskaya. Khim. prom. 44 no. 4:74-75 Ap '68.
- In anticipation of the Chemist's Day. D. N. Shvachenko. Khim. prom. 44 no. 3:51-52 My-Je '68.
- Invariant system of automatic control for chemical industry. O. I. Gornostin. Khim. tekhn. 10 no. 7:100-104 '67.
- Marxism-Leninism, the motivating power of technical progress. Khim. torg. mashinostro. no. 5:1-2 My '68.
- New developments in the chemical machinery industry in foreign countries. A. V. Karpavich, V. P. Abramov. Khim. torg. mashinostro. no. 5:42-46 My '68.
- A new institution of higher learning of our country. A. Iosadskan. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:127-128 '67.
- Results which gladden one's heart. N. Svetsov. Tekhn. 12 no. 10:26-27 O '67.
- Some results of the work of enterprises in the Ministry of Chemical Industry of the U. S. S. R. in 1967 and objectives for the coming years. L. A. Kostantov. Khim. prom. 44 no. 3:1-5 Ap '68.
- Study of splash removal helps the conditions of clearing oilflow of gas and oil. V. P. Pivovarov and others. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:120-121 '67.
- Technical and economic effectiveness of using filargases in chemical industry. I. L. Koshkin. Khim. prom. 44 no. 4:50-52 Ap '68.

66(471.34)—Novgorod Province

- Accelerated rates of rapid construction. N. Dmitrev. Prom. stroit. no. 12:20-23 Je '68.

66(474.5)—Lithuanian S. S. R.

- Standard method of accounting in enterprises manufacturing household chemicals. M. Senkus, I. Rudimov. B. klg. urbet 27 no. 3:13-16 Mr '68.

66(479.25)—Armenian S. S. R.

- Country of expanded chemical industry. L. Kostantov. Prom. Arm. 10 no. 11:12-14 '67.

666 CHEMICAL ENGINEERING

- Advancements and tasks of the automation of proportioning charge materials. I. I. Sankov. Lit. protzv. no. 12:20-29 F '67.
- Applying conjugated problems of heat conductivity with moving boundary to the analysis of drying processes. V. V. Klementov, N. S. Saitov. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:73-78 Mr '68.
- Automatic measurement of sulfuric acid content in a reactor for decomposing calcium hydroperoxide during the production of phenol and acetone. E. A. Bessalova, L. S. Sapozhnikova, D. S. Frid. Khim. prom. 44 no. 4:68 Ap '68.
- Automatic stabilizing of the concentration of malic acid by the temperature in time of discharge from the preliminary distiller of the ND-1250 line. V. N. Sivchikov, V. L. Kraschenko, V. A. Borchchenko. Mat. vzhir. prom. 34 no. 5:14-15 My '68.
- Automation of the periodic process of the production of phenol for methylene acetone. V. P. Volovik, N. S. Zhukovskaya, V. I. Strelov. Plast. massy no. 5:55-56 '68.
- Basic parameters of the automatic regulation of the rotational enrichment of phosphate ores. V. P. Sergeev, A. A. Saitov. Khim. prom. 44 no. 4:58-60 Ap '68.
- Brines. [A. M. Introduction to the theory and design of chemical and petrochemical reactors] Vvedeniye v teoriyu i raschet khimicheskikh i neftekhimicheskikh reaktorov. Moskva, "Khimiya," 1968. 247 p.
- Chemical and refrigeration machinery manufacture. Ref. zhur.: Khim. i khol. mashinostro. nos. 5, 7 My '68.
- Device for cleaning filters made from fabrics. V. F. Nabatov. Khleb. i koch. prom. 12 no. 6:31 My '68.
- Effect of aprotic acids on the properties of carbide formaldehyde resins. O. A. Tarakhanov. Plast. massy no. 1:46-47 Fe '68.
- Effect of filling on the structure and hardness of some polymers. V. F. Solonko and others. Dop. AN URSR, Ser. B. 30 no. 5:445-448 My '68.
- Effect of height of foam layer in grid plates on the mass transfer process in the gas phase. A. I. Rostinov, V. M. Radkovskii. Zhur. prikl. khim. 41 no. 1:82-87 Ja '68.
- Effect of "termokarban" and "gumilam" on the processes of coagulation structure formation of clay dispersions of clay minerals in the presence of electrolytes-coagulants. N. N. Krugitskii, V. I. Orlovskii, S. I. Mischenko. Khim. prom. 44 no. 3:21-24 My-Je '68.

- Effect of the depth of a building beam on the efficiency of mechanical building plates. G. G. Golitsin. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:120-121 '67.
- Effect of the method of preparation on physicochemical properties of the catalyst for carbon monoxide conversion. B. A. Zhidkov, A. A. Donitsyn, A. S. Plyusina. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Experimental use of a gasoline vapor burner. A. A. Zhidkov, A. A. Donitsyn, A. S. Plyusina. Khim. prom. 44 no. 3:18-21 My-Je '68.
- The purification of natural gas of catalytic poisons. G. A. Sporkolov and others. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Formation of ozone and nitrogen oxides in liquid and liquefied gases under irradiation. M. T. Dzhur. Zhur. prikl. khim. 41 no. 1:39-43 Fe '68.
- Hydraulic resistance of dry cap-grid trays. V. A. Kravtsov, N. A. Kravtsov, A. I. Skoblov. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:120-121 '67.
- Hydrocarbon silicon gel lubricants. I. I. Mikhlin, I. I. Ostrovskii, O. V. Alimov. Khim. tekhn. 10 no. 7:100-104 '67.
- Hydrodynamics of reactors with circulating pumps. A. I. Shlenkov. Khim. prom. 44 no. 4:45-48 Ap '68.
- Influence of the amount of carbon black in the catalyst on open-heart furnace on the stability of the catalyst. A. S. Oparin. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:120-121 '67.
- Kinetics of thermal decomposition of sodium and potassium bicarbonates. I. P. Ipatov, I. S. Ipatov. Zh. prikl. khim. 41 no. 1:52-56 Ja '68.
- Modification of shellac-baniline resin compositions. I. A. Zolotarev. Khim. torg. mashinostro. no. 5:1-2 My '68.
- Method for determining vapor content in water. A. I. Zhidkov. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:120-121 '67.
- Methods for calculating and planning sulfur dioxide flow through chemical reactors and other units. A. I. Zhidkov. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Modeling of the dynamics of a rectification column. V. A. Kozlov, V. A. Shennov. Khim. prom. 44 no. 4:45-48 Ap '68.
- Inorganic thickening agents for industrial slurry. I. I. Shlenkov. Izv. vuz. uch. i. zav. uch. torg. 10 no. 11:120-121 '67.
- Platovsky, A. N., V. M. Ramon, and S. V. Kagan. [Processes and equipment of chemical engineering] Protsessy i apparaty khimicheskoi tekhnologii. Izd. 3-e, stereotip. Moskva, "Khimiya," 1968. 847 p.
- Production of polymer resins from secondary by-products. V. S. Aliev and others. Khim. tekhn. 10 no. 7:100-104 '67.
- Protection of air and reservoirs from the contamination of coke chemical plant discharges. V. I. Ipatov, I. I. Raskolnikov. Khim. tekhn. 10 no. 7:100-104 '67.
- Refined and decolorized of oxidizing agents. A. I. Zhidkov, A. A. Gurevich. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Pyrolysis of ethane in reactors of various size. I. I. Borshakov, T. N. Khukhina. Neft. i khl. 10 no. 5:27-29 '68.
- Rapid drying of winding articles. K. I. Shvachenko, R. M. Polikarpova. Tekh. torg. protzv. 10 no. 3:1-2 My-Je '68.
- Results of testing evaporating appliances equipped with immersion-type burners fueled by natural gas. I. I. Loubovskii and others. Khim. tekhn. 10 no. 7:100-104 '67.
- Separation of fat-protein suspensions from animal fat. A. A. Ladin, O. P. Novikov, T. I. A. Ladin. Khim. prom. 44 no. 5:60-63 My '68.
- Some factors determining nitrification of chemical products. I. A. Agueva. Khim. tekhn. 10 no. 7:100-104 '67.
- Some problems of making emulsified chemical products. V. A. Gnatishin. Khim. torg. mashinostro. no. 5:1-2 My '68.
- Stabilizing activity of hydrolyzed diuretic compounds on the dispersion of the effect of electric field on emulsions. M. M. Krutitskiy, V. I. Ipatov, S. F. Mischenko. Dop. AN URSR, Ser. B. 30 no. 5:445-448 My '68.
- Studying stability of the process of caprolactone polymerization. A. Z. Grishchenko, O. V. Sakharov, G. I. Danilina. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Studying the mixing process in a reactor for emulsion polymerization of vinylchloride. A. Z. Grishchenko and others. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Studying the thermal conversions of propylene and its mixtures with divinyl during pyrolysis. I. I. G. Kambayev and others. Azerb. neft. khoz. 47 no. 3:35-38 My '68.
- Use of galvanic cells for obtaining precise thermodynamic data. I. I. Tret'akov. Vest. Makhm. 10 no. 2: Khim. 23 no. 2:88-97 Mr-Apr '68.
- Use of vinyl esters of aliphatic dicarboxylic acids in the production of glass reinforced plastics. N. N. Zakharenko and others. Khim. prom. 44 no. 3:18-21 My-Je '68.
- Utosh, E. V., and Z. V. Ureush. [Basis for the automation of material grinding in ball mills] Osnovy avtomatizatsii izmel'cheniya materialov v шаровых мельницах. Moskva, "Khimiya," 1968. 165 p.
- Viscosity of some colophony solutions. I. V. Mikhlin, I. I. Ostrovskii and others. Gidroliz. i khl. 10 no. 5:27-29 '68.

66.66 Working with liquids: handling, treatment

- Alkylation of phenol by isobutylene on aluminum chloride with 1,1,1-trichloroethane. Sh. S. Ragimova, I. I. Pashayeva, A. A. Bakhtivadze. Azerb. neft. khoz. 47 no. 4:41-44 Ap '68.

Chloromethylation of pentafluorobenzene. G. I. Golitsyn, M. M. Daskalov, I. V. Guseva. *Zhur. prikl. khim.* 40 no. 1 148-153 Ja '68.

Condensation of chlorine-substituted aldehydes with paraformaldehyde in the presence of KU-2 resins. V. I. Isachenko, V. I. Melnikov. *Trudy MINKHIGP* no. 72 110-116 '67.

Condensation of oxygen-containing formaldehydes with phenol. D. K. Saltykov, V. G. Gatalak, E. A. Aisenko. *Izv. AN Kazakh SSR, Ser. khim.* 15 no. 3-76-80 11-5 '68.

Dehydrogenation of ortho-isopropylphenol and isopropylbenzene in the presence of various catalysts. S. M. Aliev, R. G. Ismailov, M. R. Baidarov. *Azerb. nef. khoz.* 17 no. 5 34-35 My '68.

Dehydrogenation of propylene in the presence of sodium and oxygen. S. V. Adilov, M. M. Nigmatov, M. V. Vassilovskiy. *Trudy MINKHIGP* no. 72 5-7 '67.

Development of a reactor for obtaining benzene by dehydrocyclization of n-hexane in a fluid catalyst bed. R. K. Amerik and others. *Khim. prom.* 44 no. 3-43-45 Ap '68.

Effect of carbon dioxide concentration on the carbonylation process. K. P. Arzhantsevskii. *Stroil. mat. det. 12d.* no. 6 60-64 '67.

Effect of hydroxides of alkali metals on the cracking and dehydrogenation of isopentane on activated carbon. V. M. Pashkin, S. V. Adilov, I. Apostolov. *Trudy MINKHIGP* no. 72 13-15 '67.

Effect of hydroxides of alkali metals on the cracking and dehydrogenation of isopentane on activated carbon. S. V. Adilov, I. Apostolov, I. M. Pashkin. *Trudy MINKHIGP* no. 72 15-22 '67.

Effect of the molybdenum oxide content on the isomerization properties of aluminum-molybdenum catalysts. A. B. Kovalskiy, A. V. Minibayev, T. S. Gracheva. *Nefteper. i neftekhim.* no. 3 11-13 '68.

Effect of the temperature of calcination on the activity of sulfonated during the polymerization of isobutylene. I. M. Kolesnikov and others. *Trudy MINKHIGP* no. 72 31-37 '67.

Effect of metal salts on photopolymerization of methyl methacrylate. O. O. Kaban, A. A. Melnikov, V. D. Sushchikov. *Dop. AN URSR Ser. B* 10 no. 2 113-115 B '68.

Equalization of the concentration of sulfuric acid in the solution of a mass to be hydrolyzed. L. N. Kravtsov, I. I. Kozlovskiy. *Gidroliz. i leshchik. prom.* 21 no. 1-5-7 '68.

Equalization of stearic acid by polyvinylene glycol. N. Kh. Glazunov, D. I. Dzhavakova, G. M. Fridman. *Zhur. prikl. khim.* 41 no. 1 183-187 Ja '68.

Hydrolytic formal effects. M. B. Khachatryan. *Izv. bun. i det. 12d.* no. 4 52-58 '67.

Graft polymerization of styrene on polystyrene. A. I. Kurilenko, I. P. Danday, V. A. Terentevskiy. *Vysokom. soed.* 8 no. 11 2021-2031 B '67.

Hydrolytic process of expanded perlite. A. I. Volkovskiy, A. E. Volkovskiy, O. A. Chernova. *Stroil. mat. det. 12d.* no. 8 81-170 '67.

Hydrogenation of dimethylglyoxal on a Pd/C catalyst. B. V. Sklyarov, N. A. Gogol. *Izv. AN Kazakh SSR, Ser. khim.* 16 no. 3 35-42 O-D '66.

Infrared spectra of fractions of asphaltene of thermally cracked residue. E. A. Isachenko and others. *Izv. AN Kazakh SSR, Ser. khim.* 16 no. 3 92-97 O-D '66.

Isolation by means of the oxidation of sulfides in dilute acetic acid solution. S. A. Sapozhnikova. *Zhur. prikl. khim.* 41 no. 1 226-232 Ja '68.

Interaction of benzoyl- and 1,1'-dibenzylferrocene with acrylonitrile in the presence of sodium amide in liquid ammonia. I. P. Viskovatova and others. *Trudy MINKHIGP* no. 72 50-61 '67.

Isopropylidene glycerol esters with saturated monocyclic carboxylic acids. N. V. Bonchuk, M. H. Kholikina. *Izv. bun. i det. prom.* no. 4 56-59 '67.

Kinetic features of vapor-phase graft polymerization on acrylonitrile on a carbon fiber. A. A. Kachan. *Vysokom. soed.* 8 no. 12 2141-2149 B '68.

Kinetic study of copolymerization of ethylene and propylene on insoluble complex catalysts. A. P. Filizov and others. *Vysokom. soed.* 8 no. 11 1868-1885 N '66.

Kinetics of graft copolymerization in homogeneous and heterogeneous media. V. A. Daulton. *Vysokom. soed.* 8 no. 11 1866-1870 N '66.

Kinetics of the reaction of decomposition of butadiene on a nickel catalyst. I. A. M. Pashkin, I. M. Zinov, A. P. Sedov. *Trudy MINKHIGP* no. 72 37-41 '67.

Method of improving the quality of raw natural oil hydrolysis plants. U. A. Tishin and others. *Gidroliz. i leshchik. prom.* 21 no. 4 7-9 '68.

More exact representation of the optimum conditions for the industrial process of vapor-phase hydration of ethylene. B. S. Buden and others. *Nefteper. i neftekhim.* no. 4 17-21 '68.

N. I. Golitsyn and V. G. Ainshteyn. [Fluidization] "Pecudozhizhdenie, Moskva, "Znanie," 1968, 63 p.

(Novoe v zhizni, nash, i zhizn, Ser. "Khimiya," 5).

Obtaining acetylene from hydrocarbons using an electric arc: a single-step process. V. I. Sidarov, D. T. Ipin, L. S. Polak. *Khim. prom.* 44 no. 4 36-40 Ap '68.

Obtaining higher aliphatic alcohols by the hydrogenation of deeply oxidized paraffin. D. V. Maschenko and others. *Nefteper. i neftekhim.* no. 4 35-37 '68.

Obtaining monomers by the cyclodimerization of dienes. I. A. M. Pashkin and others. *Trudy MINKHIGP* no. 72 23-29 '67.

Obtaining phthalic anhydride by oxidation of petroleum orthoxylene. A. K. Sharipov and others. *Zhur. prikl. khim.* 41 no. 1 232-233 Ja '68.

Oxidation of Gdov slate in an acetic medium. V. A. Frolovskiy, Z. V. Solovchev, V. I. Slavov. *Zhur. prikl. khim.* 41 no. 1 225-227 Ja '68.

Pneumatic spout for charging hydrolysis apparatus. A. S. Medvedev, D. B. Yuliyukov. *Gidroliz. i leshchik. prom.* 21 no. 1 27 '68.

Polymerization and copolymerization of substituted methacrylates. A. I. Volkov and others. *Vysokom. soed.* 8 no. 11 1907-1909 N '66.

Polymerization of α -methylstyrene with naphthylsulfonate. A. A. Korukov, A. F. Podolskiy. *Vysokom. soed.* 8 no. 11 1932-1939 N '66.

Polymerization of diketene in solid and liquid phases initiated by magnesium. E. S. Soudgina and others. *Vysokom. soed.* 8 no. 11 1912-1915 N '66.

Polymerization of mixed diphenyldimethylcyclohexanes. K. A. Ansharov, S. L. Iakubenko, L. N. Gintala. *Vysokom. soed.* 8 no. 12 2115-2119 O '68.

Possibility of using machines under centralized control at hydrolysis plants. V. A. Tashakov, A. I. Enkel', M. S. Trushan, G. I. Ilyashenko. *Trudy MINKHIGP* no. 72 31-34 '68.

Regeneration of catalyst in the synthesis of higher alcohols from converted natural gas. S. M. Laiter, I. F. Darovskikh, A. N. Baskakov. *Nefteper. i neftekhim.* no. 5 46-49 '68.

Relation between structure and properties of mixed alkyl esters of ethylenephosphonic acid in copolymerization with L. A. Krasovskaya and others. *Vysokom. soed.* 8 no. 11 1960-1961 N '66.

Session of the Scientific Technical Council on Industrial Catalysis of the Academy of Sciences of the U.S.S.R. G. N. Fudkev. *Zhur. fiz. khim.* 41 no. 12 3157-3158 D '67.

Some characteristics of the dehydrogenation of isopentane in the presence of sodium and solid acceptors. S. V. Adilov, M. M. Nigmatov. *Trudy MINKHIGP* no. 72 5-7 '67.

Study of the pulverization process of granular materials during their treatment in fluidized bed. V. N. Blinichev, V. V. Shchegolev, L. S. Lebedeva. *Izv. vuz. ucheb. zav. i khim. i khim. tekhnologiya* 10 no. 12 1309-1313 '67.

Studying the carbonization of diene hydrocarbons with formaldehyde in the presence of the KU-2 catalyst-exchange resin. V. I. Bagdasaryan, T. G. Kuznetsova. *Trudy MINKHIGP* no. 72 16-122 '67.

Studying the reaction of cyclohexene with formaldehyde in the presence of the KU-2 resin. V. I. Bagdasaryan, S. V. Khokhlov. *Trudy MINKHIGP* no. 72 122-125 '67.

Synthesis and some properties of 2-ethyl-1,1-butadiene. V. P. Alantov, N. A. S. Fokov, V. A. Gubov. *Trudy MINKHIGP* no. 72 60-61 '67.

Synthesis detergents on the basis of naphthalene alcohols. S. S. Narkov and others. *Trudy MINKHIGP* no. 72 101-105 '67.

Synthesis of catalytic additives based on the products of petroleum refining and petrochemistry. I. I. Lylov and others. *Trudy MINKHIGP* no. 72 109-110 '67.

Synthesis of chloride compounds on the basis of diketenes of furanone and naphthene cyclopentanonyl-tricarboxyl. I. A. M. Pashkin and others. *Trudy MINKHIGP* no. 72 45-58 '67.

Synthesis of hydrolytic ester of hydroxylic acid. V. I. Isachenko, V. A. Tashakov, Z. D. Kuznetsova. *Trudy MINKHIGP* no. 72 70-72 '67.

Synthesis of dialkyl-substituted methyl salicylate. R. I. Kurilenko, Z. D. Kuznetsova, V. I. Isachenko. *Trudy MINKHIGP* no. 72 72-76 '67.

Synthesis of substituted 4,4',6,6'-tetramethyl-1,4-dialkyl-5-oxocyclohex-1,9-dicarboxylic acid. A. P. Krutikova, G. A. Shchegoleva. *Trudy MINKHIGP* no. 72 76-80 '67.

Synthesis of ferrocene-carboxylic acids and their derivatives. I. A. Golitsyn, T. P. Viskovatova, N. N. Bultov. *Trudy MINKHIGP* no. 72 81-84 '67.

Synthesis of monomeric derivatives of silicon containing carboxylic acids. G. A. Shchegoleva, A. P. Krutikova. *Trudy MINKHIGP* no. 72 87-97 '67.

Synthesis of organosilicon halogen-containing polyolite compounds. G. A. Shchegoleva, N. I. Solovikova. *Trudy MINKHIGP* no. 72 85-87 '67.

Synthesis of some amine salts based on molecular compounds of boron trihalide with substituted phenols. V. I. Isachenko, V. A. Tashakov. *Trudy MINKHIGP* no. 72 126-131 '67.

Synthesis of substituted 1-hydroxy-2-naphthol on the basis of polyethylene polyamides and carboxylic acids. V. I. Isachenko, H. S. Lebedeva. *Trudy MINKHIGP* no. 72 136-140 '67.

Synthesis of dimethylolacrylate glycol esters. B. K. Zelnalov and others. *Azerb. nef. khoz.* 17 no. 4 38-40 Ap '68.

Thermal splitting of methane. V. I. Isachenko, V. P. Sladkov, I. M. Klump. *Khim. prom.* 44 no. 4 10-12 Ap '68.

Tetraphenols. Part 2: Acylation of 3-keto derivatives of 1801- and 3- β -glycerolcarboxylic acids and synthesis of triphenyl azoles. G. A. Tolstikov and others. *Izv. AN Kazakh SSR, Ser. khim.* 16 no. 4 79-87 O-D '66.

Universal proportioning device used in chemical heat treatment. A. E. Iulenko, I. V. Oryalchik. *Tekhn. i org. proizv.* no. 3 72-80 My '68.

Using the method of thin-layer chromatography for the separation of ferrocene derivatives. N. I. A. Morozovskiy, T. P. Viskovatova, A. A. Korukov. *Trudy MINKHIGP* no. 72 87-90 '67.

Vesoluzhna konformatsiya po kataliticheskim reaktsiyam v zhidkoi faze. Zh. Akma-Ata, 1968. [Catalytic reactions in the liquid phase. (Transactions of the Second All-Union Conference) Kataliticheskie reaktsii v zhidkoi faze. (Trudy vtoroi Vesoluzhnoi konferentsii). Akma-Ata, "Zhukovskiy," 1967, 607 p.

664.1 (Continued)

Use of a continuous counterflow absorber for the decolorization of sugar products and the regeneration of ion exchangers. A. A. Ivanov, A. K. Kartashov, Khar. prom., 9 no. 2:27-30 Mr-Apr '68.

Testing of filters with hydraulic elimination of residues of M. D. Spivak and V. L. Marchukhina systems. V. A. Zaitsevskii, G. M. Nikolayev, Trudy TSNS no. 3:64-77 '55.

Transfer of glucose through the membranes of ion exchangers. N. G. Bulkin, I. F. Zolotarev, Sakh. prom., 42 no. 3:60-62 '68.

Transposition of coarse granulated sugar. M. S. Shtan'skii, A. I. Katsina, Sakh. prom., 42 no. 5:27-28 My '68.

Test for testing of granulated sugar in a fluidized bed. S. I. Temper and others, Sakh. prom., 42 no. 5:15-18 My '68.

Use of continuous rolling in the practice of continuous crystallization of the last products. I. U. M. Zhebrilova, Trudy TSNS no. 3:78-91 '55.

Ways to eliminate seasonal fluctuations in the starch and syrup industry. K. F. Pavlov, Sakh. prom., 42 no. 5:54-60 My '68.

Weight losses and withering of beets stored in the fields and ways for their elimination. I. I. Dubchenko, D. F. Fradchenko, S. V. Pavlov, Sakh. prom., 42 no. 5:13-17 My '68.

664.1(433)—Federal Republic of Germany

Machine for manufacturing of candies with hard fillings. A. E. Sukhakov, V. Z. Tostin, L. V. Gultarov, Khleb. i kond. prom., 12 no. 5:40 My '68.

664.1(44)—France

Aeromobile "Compa" centrifuges. N. Tomlinov, Sakh. prom., 42 no. 5:66-67 My '68.

664.1(471.62)—Kazakhstan Territory

One of the reasons for insufficient concentration of beet syrup. I. F. Zolotarev, V. A. Kolesnikov, Sakh. prom., 42 no. 3:11-11 '68.

Prevention of scum formation by ultrasound. P. F. Mal'chev, I. U. A. Karamanov, Sakh. prom., 42 no. 3:31-32 '68.

664.1(470)—White Russian S.S.R.

Resources for an increase in the effectiveness of the sugar production in White Russia. A. I. Kovalev, Sakh. prom., 42 no. 3:52-54 '68.

Starch and syrup industry of White Russia. L. N. Shcheglov, L. M. Buzilovskii, Sakh. prom., 42 no. 5:50-54 My '68.

664.1(477)—Ukrainian S.S.R.

Adoption of scientific labor organization in sugar factories. A. I. Karchevskii, Sakh. prom., 42 no. 3:74 '68.

Automatic pressure control of packing in the Danilevskii diffuser. M. A. Ogurinskii, Sakh. prom., 42 no. 3:51 '68.

Characteristics of beet storage in the western areas of the Ukraine. P. N. Shchepetkin, S. R. Rishina, M. S. Voronova, Trudy TSNS no. 3:3-20 '55.

Cleaning installation for processing beets by the fluming and flanging-rolling assembly method. V. T. Rukh, I. F. Tsykalo, I. S. Churkas, Khar. prom., 9 no. 3:42-43 My '68.

Coloration of the equipment and premises of the Chernovets Sugar Factory. N. I. Ruzhnikov, A. P. Shajovalova, Sakh. prom., 42 no. 5:39-41 My '68.

Concentration and specialization of production in the confectionery industry of the Ukrainian S.S.R. L. A. Ivanova, Khleb. i kond. prom., 12 no. 5:24-26 My '68.

Construction of ion exchange reactors. V. S. Pavlenko, L. N. Kravchenko, Sakh. prom., 42 no. 3:16-19 '68.

Device for testing of lifting outfits and installing conveying mechanisms. A. P. Stropov, Sakh. prom., 42 no. 3:48-49 '68.

Distribution of potassium and sodium in granulometric fractions of granulated sugar. S. Kh. Shchepetkin, Sakh. prom., 42 no. 3:30-31 '68.

Examining the operation of some work plants of the Pavlovskii Sugar Factory. M. M. Zhebrilovskii and 3 others, Trudy TSNS no. 3:126-138 '55.

Experimenting in the process control and calculation of production at the Gintvii Factory in 1962/63. G. S. Doin, S. V. Skoroblin, Trudy TSNS no. 3:188-201 '55.

Method for perfect operation of the equipment of confectioners. K. Kh. Lufuk, Khar. prom., 9 no. 3:58-59 My '68.

Promoting the increase of assortments and the improvement of the production quality. I. S. Kryzhanivskii, Khar. prom., 9 no. 3:52-53 My '68.

Serials of Confectionery Producers of the Ukraine. E. I. Ivanchenko, Khar. prom., 9 no. 2:57-58 Mr-Apr '69.

Seminar on technical safety at the enterprises of the sugar industry of Ukraine. T. A. Ivanchenko, A. I. Ivanchenko, Khar. prom., 9 no. 1:50-50 Ja '68.

Serials of confectionery starch obtained from cardios by the SGA-type machine. V. S. Miroshnikov, Khar. prom., 9 no. 3:44-45 My '68.

Testing of industrial experimental apparatus for cooling of refined sugar in a fluidized bed. A. I. Chernavskii, V. B. Karmalin, N. F. Novikovich, Sakh. prom., 42 no. 3:20-22 '68.

Testing of the Poltava WA 41-1550-type centrifuges. A. I. Volokhov, Sakh. prom., 42 no. 3:7-10 '68.

Unit for pumping of mazel from the storage tank. P. G. Shafarinov, Sakh. prom., 42 no. 3:49-50 '68.

664.1(478)—Moldavian S.S.R.

Characteristics of beet storage in the western areas of the Ukraine. P. N. Shchepetkin, S. R. Rishina, M. S. Voronova, Trudy TSNS no. 3:3-20 '55.

Chemical-analytic work in the laboratory of sewage water purification at the Donbassan Sugar Factory. L. A. Savina, Sakh. prom., 42 no. 5:15-28 My '68.

664.1(575.2)—Kirgizia S.S.R.

Scientific approach in the determination of the beginning date of the season for sugar beet processing. I. U. P. Chernov, I. D. Stepanenko, Sakh. prom., 42 no. 3:57-59 '68.

664.2 Starches. Other polysaccharides

Converting Efficient to hydrolyze polysaccharides of plant tissue into easy to hydrolyze by using by ion-exchange membrane pressure. V. F. Shakhov and others, Khleb. i kond. prom., 21 no. 3:5-5 '68.

664.3 Edible and cooking fats and oils

Absorption of moisture by vegetable oils depending on the experimental conditions of storage and on the content of phospholipids in them. M. I. Kozin, E. N. Shtukova, Shor. nach. rab. INKII no. 17:103-113 '61.

Kinetic properties of some varieties of fats and oils. N. I. Kozin, E. N. Shtukova, Shor. nach. rab. INKII no. 17:120-122 '61.

Some problems of a potentiographic study of fatty acids and oils. L. N. Lavrova, Shor. nach. rab. INKII no. 17:63-80 '61.

Storage of liquid fats in carbon dioxide medium. N. I. Kozin, E. N. Shtukova, Shor. nach. rab. INKII no. 17:114-120 '61.

664.6 Baking, bread and flour confectionery

Air conditioners of the Air-Conditioning Laboratory for the dough-fermentation chamber. V. V. Mekhin, Trudy TSNIKIP no. 6:166-185 '55.

Basics of the method for controlling the quantitative indices of the technological process of producing bread. V. V. Shcherbakovskii, Trudy TSNIKIP no. 6:1-21 '55.

Calculating rheological characteristics of dough during the selection of bread-shaping conditions. M. M. Arsenov and others, Khleb. i kond. prom., 12 no. 5:110-12 My '68.

Centralized bread supply in bread-baking plants. N. V. Belikov, N. I. Kravchenko, V. O. Feglet, Trudy TSNIKIP no. 6:133-144 '55.

Condition of soybean in dough during baking. S. I. Platon, I. S. Petrus, Trudy TSNIKIP no. 6:73-78 '55.

Determining the activity of polyphenoloxidase in wheat flour. L. P. Loshak, L. I. Shchepetkin, Khleb. i kond. prom., 12 no. 5:12-14 My '68.

Determining the moisture of dry flour products by radiolabeling. A. G. Kulikov, N. A. Ivanova, Trudy TSNIKIP no. 6:70-72 '55.

Development and economic effectiveness of oven installations. A. I. Ledkov, Khleb. i kond. prom., 12 no. 5:4-7 My '68.

Device for cleaning filters made from fabrics. V. F. Nishakov, Khleb. i kond. prom., 12 no. 5:31 My '68.

Establishing and improving a method for the determination of moisture, activity and porosity of bread. V. V. Shcherbakovskii, L. I. Shchepetkin, Trudy TSNIKIP no. 6:30-36 '55.

Evaluation of rye varieties used for bread baking. P. N. Korovin, V. M. Bazarmova, Trudy TSNIKIP no. 6:38-60 '55.

Experimental study of the operation of baking ovens with recording of flow gases under variable conditions. A. V. Volodarskii, A. A. Shchepetkin, Khleb. i kond. prom., 12 no. 5:7-10 My '68.

Heat exchange in the crumb of baked bread. N. I. Kravchenko, Trudy TSNIKIP no. 6:131-138 '55.

Improvement of small AVB-100 containers. K. Pavlovskii, Khleb. i kond. prom., 12 no. 5:34 My '68.

Improving the method for the determination of nonvolatile organic acids. G. L. Kravchenko-Zelenskaya, Trudy TSNIKIP no. 6:185-192 '55.

Improving the systems for steam-moistening of DN-50 baking ovens. E. D. Kausch, Khar. prom., 9 no. 1:53 Ja '68.

Identification of nonvolatile organic acids in bread. M. I. Kuznetsov, G. L. Dorozovskaya-Zelenskaya, Trudy TSNIKIP no. 6:166-168 '55.

Increased use of assembly lines for candian and biscuits is a way to develop the effectiveness of production. H. I. Vashchenko, Khar. prom., 9 no. 2:22-25 Mr-Apr '68.

Machine for rolling and cutting of dough in lattice form. I. S. Korovin, Khar. prom., 9 no. 1:53-54 Ja '68.

Practice in the use of organosilicon compounds for covering of bread forms. S. V. Ostrogradskii, V. O. Tsyshii, Khar. prom., 9 no. 1:57-59 Ja '68.

Production control of the method of improving the bread-baking properties of germinated rye grain by hydrothermal treatment. L. A. Auerman and others, Trudy TSNIKIP no. 6:55-57 '55.

Study of technological processes for the production of ring-shaped crackers. V. V. Shcherbakovskii, K. N. Chizhova, Trudy TSNIKIP no. 6:22-39 '55.

T-T and T-KH devices for measuring the temperature of semifinished products and of the crumb of bread. T. I. Shchepetkin and others, Trudy TSNIKIP no. 6:51-55 '55.

Testing the bread-raising chamber with an air conditioner produced by the Air-Conditioning Laboratory. N. V. Degtarev, Trudy TSNIKIP no. 6:152-166 '55.

Testing the experimental unit for centralized heat supply at the bread-baking plant of the Air-Union Scientific Research Institute of the Bread-Baking Industry. Trudy TSNIKIP no. 6:144-151 '55.

What hinders the supplying of complete sets of equipment needed for construction of bread manufacturing plants and putting them into operation. V. Savel'ev, R. Stavev, Mol. tekhn. snabzh. 3 no. 3:82-83 Mr '68.

664.6(477)—Ukrainian S.S.R.

Calculating the number of organosilicon compounds in can forms. S. V. Ostrogradskii, Khleb. i kond. prom., 12 no. 5:32-34 My '68.

Device for cutting covers for cans. T. I. Belen'skii, Khleb. i kond. prom., 12 no. 5:32 My '68.

Production of animal-shaped "Zaporozhsk" gribobread cookies. L. F. Ukhova, Khar. prom., 9 no. 3:27 My '68.

School of practical work. H. S. Klia, Khar. prom., 9 no. 2:60-61 Mr-Apr '68.

Seminar conference of workers of the Bread-Baking Industry. G. I. Tymoshenko, L. I. Volodarskii, Khar. prom., 9 no. 5:56 My '68.

Starting and adjusting of DN ovens. A. I. Savel'ev, Khleb. i kond. prom., 12 no. 5:29-31 My '68.

664.6(575.1)—Uzbek S.S.R.

Improving the equipment and technology of production as well as the quality. N. R. Shcherbo, Khleb. i kond. prom., 12 no. 5:26-27 My '68.

664.7 Flour and corn milling. Grain processing

Astrakhan brown rice is being processed in a local grain factory. I. Kozubova, Muk. i elev. prom., 34 no. 5:11-12 My '68.

At the Krasnoye Ekonomicheskoye, M. Solov'ev, T. Kostinova, Muk. i elev. prom., 34 no. 5:21 My '68.

At the Zolotarevskii Grain Products Kombinat, N. Semishchev, Muk. i elev. prom., 34 no. 5:5 My '68.

Automatic air consumption control in pneumatic conveying systems in flour mills. A. Prushkin and others, Muk. i elev. prom., 34 no. 5:13-15 My '68.

Construction of elevator and storage capacities in the Lillman S. S. R. V. Tabin, Muk. i elev. prom., 34 no. 5:10-11 My '68.

Correlation of grain yielding properties and changes in grain density in hydrothermal processing. A. V. Goryunov, T. Petukhova, Muk. i elev. prom., 34 no. 5:24-26 My '68.

Economic studies at the Tsi. Katskii Grain Receiving Station. A. Chupin, Muk. i elev. prom., 34 no. 5:27 My '68.

Effect of ultrasound on the physicochemical properties of wheat grains. P. Demidov, A. Korobova, Muk. i elev. prom., 34 no. 5:15-17 My '68.

Grain handling. V. Rukovskii, V. Voronov, Muk. i elev. prom., 34 no. 5:22 My '68.

Indices for determining the technical equipment of grain receiving enterprises. H. Burenin, Muk. i elev. prom., 34 no. 5:24-25 My '68.

Krasnoye Ekonomicheskoye Kombinat, H. Bronshchik, P. Skachkov, Muk. i elev. prom., 34 no. 5:4-5 My '68.

New economic conditions and scientific organization of work in the Krasnoye Ekonomicheskoye Kombinat. A. Natsara, Muk. i elev. prom., 34 no. 5:12-13 My '68.

New plants of Tajikistan millers. I. Babo-Zade, Muk. i elev. prom., 34 no. 5:3 My '68.

New trends in providing equipment for construction projects. D. Nudov, Muk. i elev. prom., 34 no. 5:9-10 My '68.

Parameters of the mixing process in mixed feed ingredients. A. Abramov, Muk. i elev. prom., 34 no. 5:20-21 My '68.

Production of mixed feeds and additives in Italy. V. Bronshchik, Muk. i elev. prom., 34 no. 5:10-11 My '68.

Pushkarev, B. N. [S] examined receiving and processing of grain. Prikl. i obrabotka zerna v pokok, Moskva, "Kolos", 1967, 168 p.

Self-unloading grain freight car. V. Ivaldina, Muk. i elev. prom., 34 no. 5:23 My '68.

Separation of large fillings in gradual reduction of wheat. S. Tishberg, Muk. i elev. prom., 34 no. 5:27 My '68.

Sixth Congress of the Departmental Scientific-Technical Society. Muk. i elev. prom., 34 no. 5:6-8 My '68.

Technical base at the Tsi. Katskii Grain Receiving Station will be prepared ahead of time. A. Serov, Muk. i elev. prom., 34 no. 5:27 My '68.

Towards the First of May of the third year of the five-year plan period. Muk. i elev. prom., 34 no. 5:1-2 My '68.

Use of artificial materials in the construction of flour mills, elevators and in the milling industry abroad. G. Hardyshov, Muk. i elev. prom., 34 no. 5:28 My '68.

664.7(471.44)—Saratov Province

The technical base at the Krasnoye Grain Receiving Station will be prepared ahead of time. A. Serov, Muk. i elev. prom., 34 no. 5:27 My '68.

664.7(471.46)—Astrakhan Province

Astrakhan brown rice is being processed in a local grain factory. I. Kozubova, Muk. i elev. prom., 34 no. 5:11-12 My '68.

664.7(474.6)—Lithuanian S.S.R.

Construction of elevator and storage capacities in the Lithuanian S. S. R. V. Tabin, Muk. i elev. prom., 34 no. 5:10-11 My '68.

664.7(571.15)—Altai Territory

Economic studies at the Tsi. Katskii Grain Receiving Station. A. Chupin, Muk. i elev. prom., 34 no. 5:27 My '68.

664.7(574)—Kazakh S.S.R.

Conference seminar on the advanced experience in silo construction in the Republic. L. P. Domrachev, Blud. stroit. tekhn., 29 no. 2:40-48 F '67.

Krasnoye Ekonomicheskoye Kombinat, H. Bronshchik, P. Skachkov, Muk. i elev. prom., 34 no. 5:1-5 My '68.

New pledges of Tajikistan millers. I. Bobo-Zade, M. Kh. Khoshrom, 34 no. 53 My '68.

664.8 Preservation of organic products. Fruit and vegetable produce

Chemical preservation of arborvitae. M. A. Salnikova. Uchen. zap. KUL, 34:141-145 '67.
Continuous action pasteurizer for tomato juice in 83-3 bottles. S. V. Pugovtsov and others. Koms. i ov. prom., 23 no. 4:3-5 Ap '68.

Effect of nitrite on the acidification conditions of whole canned tomatoes in a salt solution. N. M. Maslennikova, T. I. Nikhonorova, U. V. Shchegoleva. Koms. i ov. prom., 23 no. 4:7-9 Ap '68.

Elimination of bitterness in the fruits of *Sorbus aucuparia* L. D. K. Stupilo, N. I. Mantalova, S. N. Bichvalova. Koms. i ov. prom., 23 no. 4:31-33 Ap '68.
Improvement of the economy for production costs. S. Vasev. Bzhg. i tekhn., 27 no. 3:66-18 Mr '68.

In the interests of the people. V. M. Masterov. Koms. i ov. prom., 23 no. 4:25 Ap '68.
Mechanization of tomato harvesting. V. P. Medvedev, E. I. Galushko. Koms. i ov. prom., 23 no. 4:17-19 Ap '68.

More attention to raw materials for the canning industry. Koms. i ov. prom., 23 no. 4:1-4 Ap '68.
Tomato-paste production line for processing 100 tons of raw material daily. O. V. Smirnov. Koms. i ov. prom., 23 no. 4:33-35 Ap '68.

Ways to decrease losses during the harvesting of pear and apple. A. I. Nizharadze, G. M. Ismailov, A. I. Kupriashvili. Koms. i ov. prom., 23 no. 2:22-24 Ap '68.

664.8(471.46)—Azerbaijan Province

Advanced work practice of specialized vegetable-gardening brigades. T. P. Voronov. Koms. i ov. prom., 23 no. 4:12-15 Ap '68.

664.8(411.02)—Krasnodar Territory

Growing seedlings of early tomatoes. I. G. Khrulev, G. N. Glukhikhin. Koms. i ov. prom., 23 no. 4:15-18 Ap '68.

664.8(477)—Ukrainian S. S. R.

Accelerated method for determining the moisture of dried vegetables. A. I. Lichkova, N. N. Kalanova. Koms. i ov. prom., 23 no. 4:23-31 Ap '68.

Device for summer cutting on the chipping machine for salad making. M. I. Hain, N. N. Pukhovskiy. Khar. prom., 9 no. 2:50 Mr-Je '68.

Production of new varieties of canned goods in the enterprises of the "Khrugovskoye". P. T. Silymenko, Z. N. Kovalchuk. Khar. prom., 8 no. 3:31-36 My-Je '68.

Public control of enterprises. V. M. Shapovalov. Khar. prom., 9 no. 3:55 Mr-Je '68.

664.8(477.0)—Crimea

Anniversary conference of the canning workers of Crimea. Khar. prom., 9 no. 1:60 Ja '68.

664.8(478.22)—Georgian S. S. R.

Technical and chemical composition of dog rose in Georgia. A. N. Nizharadze, E. U. Malsuradze, R. V. Bolshiz. Koms. i ov. prom., 23 no. 4:20-21 Ap '68.

664.8(575.1)—Uzbek S. S. R.

Drying of unabi. M. T. Muraev, M. I. Ismailov. Koms. i ov. prom., 23 no. 4:10-11 Ap '68.

664.9 Preservation of animal products

Analysis of automated quick-freezing apparatus (ASMA) performance during freezing. V. V. Shtanovich. Ryb. khoz., 44 no. 1:58-60 '68.

Automated production line of large fish containers. M. I. Maslennikov. Ryb. khoz., 44 no. 5:65-66 '68.

Change in furnishes for "Kirkh" rolling machines. A. Vinnikov. Ryb. khoz., 44 no. 3:57 '68.

Changes in the weight of portions of the finback whale carcass. K. A. Miroshkov. Ryb. khoz., 44 no. 3:72-73 '68.

Curing slotted Indian Ocean fish. G. K. Kovalchuk. Ryb. khoz., 44 no. 3:65-67 '68.

Determining the intensity of coloring of tomato paste and tomato sauce for canned fish. M. I. Komarnitskiy. Koms. i ov. prom., 23 no. 4:28-28 Ap '68.

Disinfectant wire braided containers. A. V. Chagrev. Ryb. khoz., 44 no. 5:66-70 '68.

Effect of defrosting on the nutritional value of squid. G. S. Korobukina and others. Ryb. khoz., 44 no. 4:69 '68.

Effect of freezing intensity and sterilization conditions on the quality of canned fish. M. I. Komarnitskiy. Ryb. khoz., 44 no. 5:71-73 '68.

Fermentation of edible whale meat. A. M. Sushko. Ryb. khoz., 44 no. 4:65-66 '68.

Mill production aboard the RMT "Gorukula". V. Obninskoy, A. Malevskiy. Ryb. khoz., 44 no. 5:63-64 '68.

[Fish and fish products. Auxiliary materials] Ryb. i ryboprodukty. Vspom. materialy. Izd. ofits. Moskva, Izd. standartov, 1967. 380 p. (Gos. standarty SSSR).

Levanidov, I. P. [Fish salting. Principles of theory and practice] Po880 ryby. (Elementy teorii i praktiki). Vladivostok, 1967. 185 p. (Vladivostok, Khimiko-nauchnyy nauchno-issledovatel'skiy institut rybnogo khozaistva i okeanografii). Izvestiya, vol. 63.

Machine for processing pectoral joints of crab legs. E. Popov. Ryb. khoz., 44 no. 3:63-64 '68.

New products from salt herring. J. Drageliena, E. Vostrikova. Ryb. khoz., 44 no. 5:61-62 '68.

Objective evaluation of the oxidation degree in salt

herring fat and medicinal cod liver oil. L. A. Litavina. Trudy PINRO no. 18:146-160 '68.

Operating modes of cutting tool in rod dressing machines. A. A. Romanov. Trudy PINRO no. 18:80-82 '68.

Process of cold electric smoking and speed-up of pickling of fish by the use of protease. O. S. Tsyperovich and others. Khar. prom., 9 no. 3:19-23 My-Je '68.

Results of the all-Union socialist competition of enterprises during the 4th quarter of 1967. Koms. i ov. prom., 23 no. 4:42-43 Ap '68.

Salt content and its concentration in salt fish. L. P. Minder. Trudy PINRO no. 18:174-180 '68.

Sodium pyruvate for whole liver preservation. A. N. Golovina, K. I. Babushkina. Ryb. khoz., 44 no. 3:70-71 '68.

Spectrophotometric method for determining guanine content in sea urchin. V. V. Gal, L. G. Pavlova. Ryb. khoz., 44 no. 3:68-69 '68.

Stuffing from heads and arms of squid. O. Selluk. Ryb. khoz., 44 no. 4:67-68 '68.

Technological improvements at the whaling factory ship "Sovetskaya Ukraina". P. A. Gazha. Ryb. khoz., 44 no. 5:67-68 '68.

Testing of domestic phosphates for use in the manufacture of sausages. V. P. Volovynska, H. M. Jergelova. Khar. prom., 9 no. 1:18-19 My-Je '68.

Use of enzyme preparations for improved seasoning of the Atlantic salt herring. L. I. Korotnikova, K. I. Pukhova. Trudy PINRO no. 18:161-173 '68.

665 OILS. FATS. WAXES

Apparatus for the distillation of solvents. A. A. Nash. Mash. i zbir. prom., 31 no. 5:35-37 My '68.

Automatic stabilizing of the concentration of miscella by its temperature at time of discharge from the preliminary distiller of the N1-1250 line. V. M. Sverdlov, V. I. Korotkin, V. A. Demchenko. Mash. i zbir. prom., 31 no. 5:15-17 My '68.

Characteristics of ester oil splitting. N. V. Irolov, N. P. Klimova. Mash. i zbir. prom., 31 no. 5:28-30 My '68.

Chromatographic analysis of the mixture of mono- and diglyceride acids. L. I. Ananieva, N. N. Moskvitina. Mash. i zbir. prom., 31 no. 5:23-27 My '68.

Correlation of the quality parameters of a paraffin distillate from Davy-Jakob petroleum. M. P. Kalinin, A. A. Golovin. Khim. i tekhn. topl. i masel, 13 no. 5:13-16 '68.

Determining the amount of terpene oil in oil of roses during the fermentation of blossoms. I. S. Turachenko, K. G. Perelitskaya, N. V. Pavlova. Mash. i zbir. prom., 31 no. 5:30-31 My '68.

Effect of some trace components on the production of alcohols by oxidation of hydrocarbons. I. I. Kovak and others. Mash. i zbir. prom., 31 no. 5:24-25 My '68.

Effect of the composition of a catalyst on the process of paraffin oxidation and on the composition of fatty acids. Report 3-5. A. A. Turachenko, M. A. Marichenko. Mash. i zbir. prom., 31 no. 5:21-23 My '68.

Experimental use of a gasoline vapor pressure gauge on a DU-1 (DU-151)-type flow. A. I. Gruzio. Khim. i tekhn. topl. i masel, 13 no. 5:13-14 '68.

Good lighting needed in enterprises. N. I. Kostenko. Mash. i zbir. prom., 31 no. 5:31-33 My '68.

Hydrogenation of benzene of soybean oil on a palladium catalyst. D. V. Sokolovskiy, T. Churchev, I. V. Karachuk. SSR. Sor. khim., 16 no. 3:61-69 15 My '68.

Impact of the tasks of oil-rich sunflower seeds. A. S. Meerov and others. Mash. i zbir. prom., 31 no. 5:14-15 My '68.

Ischemized lines for the production of oil. M. I. Ietmanov, M. I. Kuvshinsky. Khar. prom., 9 no. 1:53-56 Ja '68.

Methodology of branch planning by electronic computer technology. V. I. Hotkov. Khar. prom., 9 no. 3:3-6 My-Je '68.

Modernization and adoption of semi-automatic KSA-50-N-2 scales to the production of components. A. M. Zharov, E. Z. Chirchakskiy. Mash. i zbir. prom., 31 no. 5:33-36 My '68.

Forms of the expenditures of basic investment funds on current and overhaul repairs in the enterprises of the oil and fat industry. I. S. Sigmar, I. I. Tylova. Khar. prom., 9 no. 1:16-20 Ja '68.

Objective evaluation of the oxidation degree in salt herring fat and medicinal cod liver oil. L. A. Litavina. Trudy PINRO no. 18:146-160 '68.

Production of basic oils by hydrocracking of heavy distilled raw material. N. V. Shavolova and others. Khim. i tekhn. topl. i masel, 13 no. 5:6-10 '68.

Production of polymer resins from secondary derivation products. V. S. Altov and others. Khim. i tekhn. topl. i masel, 13 no. 5:4-5 '68.

Selection of the optimum load for extracting and pumping gasoline. I. P. Popov, V. A. Demchenko, V. I. Karachen. Mash. i zbir. prom., 31 no. 5:18-20 My '68.

Socialist obligations of petroleum processing and petrochemical enterprises for 1968. Khim. i tekhn. topl. i masel, 13 no. 5:1-3 '68.

Some factors determining antioxidant capacities of phenol compounds. E. A. Agayeva. Khim. i tekhn. topl. i masel, 13 no. 5:11-13 '68.

Some work results of the Soviet perfume and cosmetics industry in 1967. I. M. Tovin, Sh. G. Golia. Mash. i zbir. prom., 31 no. 5:1-6 My '68.

Studies of the use of antioxidants for the protection of fats against rancidity in confectionery products. V. S. Grigorov, M. I. Soboleva. Sbor. nauch. rab. INKII no. 17:3-11 '61.

Study of m/v-type emulsion creams based on pentol and its polyoxyethylene derivatives. N. P. Savostikova, I. I. Volynskaya, E. V. Shevchukina. Mash. i zbir. prom., 31 no. 5:12-13 My '68.

Synthesis and study of the lubricating properties of trialkylphosphonates and their derivatives. A. F. Pavlenko and others. Khim. i tekhn. topl. i masel, 13 no. 5:26-31 '68.

Third all-Union public checkup on science, technology, and quality. Mash. i zbir. prom., 31 no. 5:44-45 My '68.

665(477)—Ukrainian S. S. R.

Some work results of the Ukrainian oil and fat industry in 1967. V. I. Popov. Mash. i zbir. prom., 31 no. 5:8-11 My '68.

665(477.0)—Crimea

Utilization of wastes of halva production. L. I. Holmsh, A. I. Tormin. Khar. prom., 9 no. 3:43-44 My-Je '68.

665(479)—Caucasus and Transcaucasia

Conference on safety techniques. V. G. Pavlov. Mash. i zbir. prom., 31 no. 5:11 My '68.

665(62)—Japan

Notes on the perfume and cosmetics industry at Jpnai. I. M. Tovin. Mash. i zbir. prom., 31 no. 5:13-14 My '68.

665.6 Petroleum. Mineral oil processing

Alkalinization of gasoline in an alcohol-alkali hydrating unit. M. N. Stekol'nikov and others. Vedy. i tekhn. i tekhn. no. 6:13-14 '68.

Alkylation of mono- and di-alkylbenzenes with propylene by allyl bromide and allyl chloride. I. A. M. Ponomarev and others. Trudy MINKHIM no. 72:42-46 '67.

Alkylation of benzene by propylene on an aluminum salt promoted by hydrogen chloride. Kinetic equations. I. A. Kolesnikov, I. G. Miroshkov, I. A. M. Ponomarev. Trudy MINKHIM no. 72:28-31 '67.

Alkylation of n-octane and n-decane by n-pentane in the presence of the KCl-2 cation-exchange resin. V. I. Isagilov, S. V. Pivovarov, G. N. Gerasimov. Trudy MINKHIM no. 72:100-101 '67.

Bugayev, A. M. [Plastics and their use in the petroleum and chemical industries] Plasticheskiye massy i ikh primeneniye v neftekhimii i khimicheskoy promyshlennosti. Grozny, Chochenko-Igumskoye kn. izd., 1967. 203 p.

Cable oils from highly viscous asphalt-free catalysts. I. G. Khukhlov and others. Khim. i tekhn. topl. i masel, 13 no. 5:10-20 '68.

Changes in viscous and thermal properties of petroleum lubricants under the influence of nuclear radiation. M. M. Melik-zade and others. Avest. i tekhn. no. 17 no. 5:41-43 My '68.

Collecting waste water from pump gankols. M. Kh. Khramidov. Neftepor. i neftekhim., no. 4:30 '68.

Condensation of chloro-alkylated olefin with paraffin-olefin in the presence of KCl-2 resin. V. I. Isagilov, V. I. Minkhin. Trudy MINKHIM no. 72:110-116 '67.

Dehydrogenation of propylene in the presence of iron and oxygen. S. V. Adil'man, M. M. Nikomarov, M. Vinnikov. Trudy MINKHIM no. 72:5-9 '67.

Dehydrogenation of propylene in the presence of iron and oxygen. S. V. Adil'man, M. M. Nikomarov, M. Vinnikov. Trudy MINKHIM no. 72:5-9 '67.

Development of petroleum refining during the years of Soviet rule. N. F. Churachkov. Izv. vuzov, 10 no. 11:1-16 '67.

A diagram for the automatic regulation of extraction flows in an unit for refining of oils. V. K. Gusev, E. A. Ermakov, P. A. Baulov. Neftepor. i neftekhim., no. 4:36-47 '68.

Effect of hydrocarbons of alkali metals on the cracking and dehydrogenation of isopentane on a catalyst. I. A. M. Ponomarev, S. V. Adil'man, I. A. Ponomarev. Trudy MINKHIM no. 72:14-16 '67.

Effect of hydrocarbons of alkali metals on the cracking and dehydrogenation of isopentane on a catalyst. I. A. M. Ponomarev, S. V. Adil'man, I. A. Ponomarev. Trudy MINKHIM no. 72:14-16 '67.

Effect of the diffusion rate of surface-active substances of petroleum demulsification. G. A. Babalov, M. Kh. Akhmadov. Izv. i tekhn. no. 14 no. 5:797-801 My '68.

Effect of the temperature of calcination on the activity of aluminum during the polymerization of isobutylene. I. A. Kolesnikov and others. Trudy MINKHIM no. 72:33-37 '67.

Equipment for the electric heating of petroleum products. O. V. Monastyskiy, N. D. Kojelkin. Mekh. stroit., 25 no. 4:16-17 Ap '68.

Evaluating defolting properties of viscous petroleum road asphalts. I. V. Rukhsola, A. V. Rudakov. Neftepor. i neftekhim., no. 4:7-8 '68.

Evaluating the effectiveness of antiknock additives in gasoline. A. A. Gureev and others. Neftepor. i neftekhim., no. 5:24-26 '68.

Experience in the completion of enlarged delayed-coking units. A. L. Chvortkov, V. I. Volobuevskiy, V. I. Kostarev. Neftepor. i neftekhim., no. 5:20-24 '68.

Experience in the completion of the I-A-type catalytic cracking unit in refining heavy sulfur-bearing gas oil. P. S. Dineko and others. Neftepor. i neftekhim., no. 5:1-5 '68.

Extent of the effect of individual factors on multicomponent hydrocarbon absorption. A. A. Kuznetsov, K. N. Rudakov. Izv. vuzov, 10 no. 11:1-16 '67.

First institution of higher technical learning in the Komi A. S. S. R. M. G. Fev. vuzov, 10 no. 11:1-16 '67.

Higher institutions of petroleum on the eve of the 50th anniversary of the October Revolution. Izv. vuzov, 10 no. 11:1-16 '67.

Hydrocarbon silica gel lubricants. E. D. Makovaya, T. D. Ostrovskaya, O. V. Alaeva. Khim. i tekhn. topl. i masel, 13 no. 5:23-26 '68.

...under conditions of an iron-bismuth...
under industrial conditions. I. A. Bugai
Nefteper. i neftekhim. no. 5:6-11 '68.
method for determining the petroleum
eral oil additives. N. V. Karlov.
Khim. no. 4:10-11 '68.
of desalting the petroleum of the Bakhti
der fluid conditions. A. Z. Mitrofanov.
no. 4:20-24 '68.

...of fractions of asphaltites of thermally
... I. A. Iakubenko and others. Izv.
R. Ser. khim. 16 no. 4:92-97 Q1 '66.
... and I. P. Ilyubovskiy
... in the presence of sodium amide in
... F. P. Vishniakova and others. Trudy
no. 72:58-61 '67.

G. M. Mamal'lov, and S. M. Allov.
composition and conversion of products
temperature decomposition of petroleum
Ispovedovanie sostava i prevrashchenia
okoleineralnogo raspada uglevodorodov
Azerneshir, 1968. 424 p.
reaction of decomposition of butadiene
catalyst. I. A. M. Vashukin, I. U. M. Zhornov.
Trudy MINKHIGP no. 72:37-41 '67.
[Why petroleum is called petroleum?]
nazvetsia nell'iu. Moskva, "Nedra,"

...friction of titanium on titanium,
and others. Khim. i tekhn. topl. i masel
'68.

Determination of solid phase particles
Holsakov, V. I., Luvinov, Khim. i
no. 13 no. 5:58-61 '68.
... substituting natural fatty acids with synthetic
... and others. Nefteper. i
no. 13:33-34 '68.

... refining of gasoline obtained by the hy-
... fuel. G. I. Iakubenko, V. G. Trop.
Nefteper. i neftekhim. no. 5:11-12 '68.
... of the petroleum and gas industry
M. Galkin, G. K. Shirshov, A. G. Surin-
... no. 11:7-9 '68.

... petroleum of Volgograd Province. I. P.
Oleinkova. Nefteper. i neftekhim. no. 5:
...

... from hydrocarbons using an electric
... process. V. I. Shilov, I. A. T. Ilin.
Khim. prom. 44 no. 4:38-40 Ap '68.

... by the cyclization of olefin.
... and others. Trudy MINKHIGP no. 72:
...

... coke from the residual products of
... of petroleum. I. G. Stolyanov and others.
Khim. no. 5:5-7 '68.

... from naphtalene from petroleum stock
... and others. Nefteper. i neftekhim. no. 4:
...

... gas industry of the U. S. S. R. during
... years. N. K. Butskov, Neftekhim. 12:
...

... agents for lubricants, oxidation
... and others. Khim. i tekhn. topl. i masel
no. 13 no. 5:26-27 '68.

... lubricants by a continuous method
... and others. Khim. i tekhn. topl. i masel
no. 13 no. 5:30 '68.

... fractions in a current of water vapor.
... and others. Nefteper. i neftekhim. no. 5:43-45 '68.

... of petrochemical products
... and others. V. M. Anisimov, H. H. Nisova.
Khim. i tekhn. topl. i masel no. 13 no. 5:30 '68.

... of the heart. N. S. Votov. Nefte-
no. 26-27 Q1 '67.

... of the degradation of isoprene
... of sodium and solid compounds. S. V.
M. Nisova. Trudy MINKHIGP no. 72:
...

... dermatoses at petroleum
... T. S. Bruchev. Trudy SOGM
no. 72:110-122 '67.

... the use of the AKO-1 additive. V. P.
... and others. Khim. i tekhn. topl. i masel
no. 13 no. 5:30 '68.

... irradiated fractions by means of
... Khim. i tekhn. topl. i masel no. 13:
no. 5:30 '68.

... of lubrication with lubricants
... S. V. Votov. Khim. i tekhn. topl. i masel
no. 13 no. 5:30 '68.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of coke formation in the cracking
... R. Z. Magal'li, E. I. Akasova.
Khim. i tekhn. topl. i masel no. 13 no. 5:30 '68.

... of cyclohexene with formaldehyde
... of the KU-2 resin. V. I. Isagulians.
Trudy MINKHIGP no. 72:122-125 '67.

... of the diesel-fuel fraction of sour
... a bifunctional catalyst. E. A. Bugai and
... I. I. Iakubenko. Khim. i tekhn. topl. i masel
no. 13 no. 5:30 '68.

... properties of 2-nitro-1,3-butadiene.
... N. A. Sokolov, V. A. Gubchev. Trudy
no. 72:100-103 '67.

... on the basis of naphtic alcohols
... and others. Trudy MINKHIGP no. 72:
no. 72:40-58 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

... of the KU-2 engine-ex-
... V. I. Isagulians, T. G. Khatmova. Trudy
no. 72:110-122 '67.

Factors influencing the intensity of internal stresses in
glass joints linked by optical contact. A. I. Kurnetsov.
L. A. Luchovina. Opt. mekh. prom. 35 no. 4:57-68
Ap '68.

Materials on sanitary characteristics of work conditions
in the mechanized workshops of the Ordzhonikidze
Glass Container and Isolation Plant. V. P. Gendarenko.
Trudy SOGM no. 18:243-248 '67.

Measuring the strength of steel on a flexible plate.
L. D. Volovets, G. S. Pugachev. Zav. lab. 33 no. 12:1572-
1571 '67.

Ploro, L. S., and V. P. Kononko. [Use of gas in the glass
manufacture of the U. S. S. R. and abroad. (Abstract)]
Ispol'zovanie gaza v stekolnoi promyshlennosti SSSR i
za rubezhom. (Referativnyi obzor). Kiev, "Naukova
dumka," 1967. 20 p.

Processed rigid fibro-glass optical par. D. K. Sattarov
and others. Opt. mekh. prom. 35 no. 4:66-67 Ap '68.

Pyrocera the new glass-based polycrystalline ma-
terials. N. M. Pavlovskii, U. A. Khudakovskii. Zhur.
VKHO 13 no. 2:142-151 '68.

Relation between semiconducting properties of elements
and tendency of their oxides to acidity. T. A. Shilov.
Izv. AN SSSR, Neorg. mat. 4 no. 2:103-104 F '68.

Study of the conditions for obtaining highly compact
ceramics of quartz glass. P. P. Iudinov, I. I. F.
Pivinskii. Dopr. AN UZSSR, Ser. II 30 no. 5:449-453
My '68.

Studying the change in sodium silicate glasses heated to
the temperature range of 548°-850°C. K. P. Dulaev.
Zhur. prikl. spekl. 8 no. 5:851-854 My '68.

Symposium on "Mechanical and Thermal Properties
and the Structure of Inorganic Glasses." S. I.
Sivtsev. Zhur. VKHO 13 no. 2:125-127 '68.

Transmissivity of colorless optical glasses in the near
ultraviolet spectral region. V. M. Guseva, I. A. I.
Vil'chur. Opt. mekh. prom. 35 no. 4:49-51 Ap '68.

Use of optical glass as backing for photoanodes. O. M.
Chlorovskii, V. M. Potukhin. Opt. mekh. prom. 35
no. 4:44-46 Ap '68.

Use of the infrared spectroscopy method in studying the
surface structure of glasslike and crystal silicates
of sodium exposed to etching. K. P. Dulaev, V. A.
Pivinskii. Zhur. prikl. spekl. 8 no. 4:624-628
Ap '68.

Vat'nov, L. P., N. M. Rudnikov, and S. V. Levina. [Prac-
tice of the industrial production of small glass fac-
tories] Opyt promyshlennogo proizvodstva steklannoi
oblasti v oblasti malogabaritnoi pitki. Leningrad, 1967,
10 p. Leningrad, dom nauch. i tekhn. propagandy, Seriya
"Stroitel'nye materialy i konstruktsii".

Vibrational spectra and the structure of silicate glasses
containing arsenic and antimony oxides. T. A. Shilov.
N. A. Prudnikova. Zhur. prikl. spekl. 8 no. 1:105-108
Ja '68.

Vibrational spectra of glasses of the system PbO - GeO₂.
V. N. Morozov. Zhur. prikl. spekl. 8 no. 5:830-833
My '68.

660.2 Enamels and glazes

Effect of calcium oxide on some properties of coating
enamels. I. U. D. Barinov, G. A. Akimovskii, S. M.
Ponomarev. Tekh. i org. proizv. no. 3:83-85 My-
Jo '68.

Some problems of making enamel chemical apparatus.
V. A. Gritskina. Khim. i tekhn. mashinost., no. 5:35-38
My '68.

660.3 Clay and ceramic ware

Achievements in the field of creation of combined
materials based on oxides and metals. P. P.
Iudinov, N. V. Shilov, N. V. Shilov. Zhur. VKHO
13 no. 2:122-123 '68.

New methods for molding ceramic ware. I. A. Bulavin.
Zhur. VKHO 13 no. 2:200-205 '68.

Polycrystalline transparent materials. Their properties
and use. I. V. Deglarova, I. S. Kabanov. Zhur. VKHO
13 no. 2:110-114 '68.

Shalaginov, K. Sh. [Effect of salts on colloidal-chemical
properties of loess, clay, and products made on their
basis] Vliianie solen na kolloidno-khimicheskie svoystva
lessov, glin i izdelii na ikh osnov. Frunze, "Ilim,"
1967. 240 p.

Study of the viscosity of baked glass fiber in the area
of softening and annealing. S. V. Nemilov, V. N. Potukhin.
R. V. Romanov. Izv. AN SSSR, Neorg. mat. 4 no. 2:203-
204 F '68.

660.5 Porcelain and china

Mechanization and automation in the china and porcelain
industry. I. A. Iudinov, F. S. Enikola, M. Ye.
Shelina. Zhur. VKHO 13 no. 2:205-212 '68.

Transport equipment of china and deliveries through the
warehouse. S. Sarukhanov. Sov. iorg. 41 no. 4:51
Ap '68.

660.6 Pottery

Mechanization and automation in the china and porcelain
industry. I. A. Iudinov, F. S. Enikola, M. Ye.
Shelina. Zhur. VKHO 13 no. 2:205-212 '68.

660.7 Heavy clayware and refractories

Dmitriyev, T. V., and I. K. Balach. [Service life of re-
fractories in furnaces of nonferrous metallurgy] Sluzhba
ogoroprov v pechakh tsvetnoi metallurgii. Alma-Ata,
"Nauka," 1968. 70 p.

High refractory anticorrosion coatings. A. I. Doronko.
Zhur. VKHO 13 no. 2:169-175 '68.

- Investigating resistance to clinker burning of portland cement having a varying phase composition and structure. I. A. V. Klucharov, V. K. Zakharenkov. *Trudy Giprosement* no. 31-37-51 '65.
- Quartz refractory materials in industry. P. I. Bolshakov. *Zhur.* VKH 13 no. 215-216 '63.
- Testing properties of refractories in the roofs of high-capacity open-hearth furnaces. G. I. Alekseyev and others. *Mosk. gos. gor. inzh. univ.* no. 2-53-61 Mr.-Ap. '66.
- Use of light-weight chamotte brick for protection of the lining in the forehearth of rotary kilns. N. V. P'lin, N. B. Puzanova, G. M. Pustovoskaya. *Trudy Giprosement* no. 31-37-52 '63.
- 666.9 Lime, cement, mortar, concrete**
- Accelerated hardening of concrete made with highly hydrated cement by hot wetting and pressing and short-period intensive heating. M. I. Sukolov, P. D. Vashchenko. *Stroitel. mat. det. i izd.* no. 8-10-153 '67.
- Achieving planned capacity of kilns with cyclone heat exchangers. V. A. Kamulov. *Tsment* 34 no. 3-20 Mye-Je '66.
- Adaption of arc-furnace filter installed outside the plant. E. M. Gusev, B. A. Barilov. *Tsment* 34 no. 2-21 Mr.-Ap. '66.
- Analysis of barium-containing areas, raw material mixtures, minerals, and cements. P. P. Makhilova, L. M. Mershtinskaya. *Trudy NITsSement* no. 21-100-194 '66.
- Applying a load on a transformer during the electric heating of panels. N. A. Adukharov, P. A. F. Kor. *Mosk. gos. inzh. univ.* no. 12-37 D '67.
- Applying complex thermography in the study of the combustion process of raw materials. I. G. Lupina, G. A. V. Kuznetsov. *Tsment* 34 no. 1-12-1 'A-F '66.
- [Arbolit] Arbolit. Pod red. G. A. Buzhevitsa. Moskva, Stroizdat, 1968. 244 p. (Novye stroit. materialy).
- Automated measuring of the gaps on rotary kilns. I. U. N. Mikhlin, L. T. Artyukhin, V. M. Kravchenko. *Tsment* 34 no. 1-12-2 Jan-F '67.
- Automatically proportioning device with magnetic amplifier. V. I. Artyukhin, L. D. Reifman. *Tsment* 34 no. 1-12-3 Jan-F '67.
- Automation of the weighing process in the production of concrete and reinforced concrete products. *Energ. stroit.* no. 12-77-80 '67.
- Use equipment of cement plants should be used more efficiently. V. G. Dubavina, S. I. Pina, N. A. Kamulov. *Tsment* 34 no. 1-12-4 Jan-F '66.
- Basic operational indices of a plant rotary kiln with dimensions of 5 x 135 meters. G. S. Vashchenko. *Tsment* 34 no. 1-12-5 Jan-F '65.
- Basic principles for preparing heat-resistant linings of hydraulic structures. V. A. Gorenblum. *Energ. stroit.* no. 12-52-56 '67.
- Material feeding of kilns increases cement output. A. F. Semukhin, E. L. Sivitsky. *Tsment* 34 no. 2-1-4 Mr.-Ap. '68.
- Moment output over the one planned. V. K. Shalidov. *Tsment* 34 no. 1-12-6 Jan-F '67.
- Moments with a high capacity rate. A. V. Satalkin, V. A. Subbotina, O. S. Popova. *Tsment* 34 no. 1-12-7 Jan-F '66.
- Change of silicate ratio has improved the quality of cement. N. A. Buzhevitsa, K. M. Kiselev, S. A. Akhala. *Tsment* 34 no. 1-12-8 Jan-F '66.
- Changes in properties of granulated material in a conveyor calculator grid. H. M. Bili, V. V. Tirovskiy, L. M. Salimov. *Tsment* 34 no. 3-2-4 Mye-Je '66.
- Characteristics of the hardening process of clinkerless slag binders under steam, autoclave and two-stage treatment. I. V. Shchegolev. *Stroitel. mat. det. i izd.* no. 8-12-129 '67.
- Completed research should be made available in production much faster. I. V. Kravchenko. *Tsment* 34 no. 2-1-5 Mr.-Ap. '68.
- Concrete aggregates for great dams. V. V. Stalnikov. *Gidr. stroit.* no. 3-4-2-45 Ap '67.
- Continuous-action equipment for electric heating of concrete mixes. I. P. Klucharov, D. S. Maklakovskii. *Mosk. gos. inzh. univ.* no. 2-53-62 Mr.-Ap. '66.
- Controlling the expansion of concrete as related to its resistance to cracking. V. I. Stalnikov, H. I. Lavrinov. *Gidr. stroit.* no. 1-12-23-26 N '66.
- Corrosion of sulfate ceramics in some petroleum products. P. P. Rudakov, P. A. Kharlamov. *Zhur. prikl. khim.* 41 no. 1101-106 '68.
- Crack resistance and rigidity of bridge piers made of pre-stressed reinforced concrete. M. K. Nikulina. *Stroitel. i inzh. nauki* no. 258-108-147 '67.
- Designing and producing reinforced-concrete parts for sheet-straightening machines. V. P. Khichko, V. I. Mestalkin, P. T. Dzhuba. *Tekhn. i org. proizv.* no. 3-43-46 Mye-Je '68.
- Designing of reinforced concrete facings for rockfill dams. G. M. Kuzovlev. *Izv. VNIIG* 85-154-161 '67.
- Determination of shrinkage deformations of cements. N. P. Shuter, E. G. Ugerova. *Tsment* 34 no. 1-12-3 Jan-F '67.
- Determination of the permeability of concrete for hydraulic structures. M. G. Elbazidze, I. B. Bomerenko. *Izbr. stroit.* 37 no. 5-10-32 My '67.
- Determination of thermal properties of some concretes and gravel rocks used in the construction of concrete dams. G. N. Danilova, S. N. Bogdanov. *Gidr. stroit.* 37 no. 4-10-20 Ap '67.
- Determining optimal conditions for the heat treatment of concrete. V. B. Salov. *Energ. stroit.* no. 12-55-58 '67.
- Effect of alkalies and gypsum on clinking process. I. V. Kravchenko, P. P. Makhilova, I. A. Fridman. *Trudy NITsSement* no. 21-100-197 '66.
- Effect of heating on grindability of aluminous blast-furnace slags. G. S. Dzyubkin. *Trudy NITsSement* no. 21-100-198 '66.
- Effect of calcium hydroxide in the hardening process of cement paste. L. D. Ershov, V. A. Lashchenko. *Stroitel. mat. det. i izd.* no. 8-10-152 '67.
- Effect of time properties on the quality of aerated silicate products and on reducing the rate of its setting. T. T. Trifonov, N. M. Marchenko, I. V. Shtalkin. *Stroitel. mat. det. i izd.* no. 8-10-153 '67.
- Effect of surface-active-substance additives on properties of the dust trapped by electric filters. N. A. Oleasov. *Tsment* 34 no. 3-2-5 Mye-Je '66.
- Effect of technological parameters on drying time of granulated raw material in rotary cement kilns. V. A. Shcherbina, G. M. Gofman. *Trudy NITsSement* no. 21-100-199 '66.
- Effect of the abrasive action of runners on the quality of a slag concrete mix. L. I. Poroshin. *Stroitel. mat. det. i izd.* no. 8-10-154 '67.
- Efficient conditions for the wet heat treatment of reinforced concrete products. N. I. Gorbatov, S. M. Preshchukh. *Energ. stroit.* no. 12-75-77 '67.
- Efficient use of cement in mortar and concrete with wet heat treatment. S. M. Roik, A. P. Cherkasova, E. T. Lashova. *Tsment* 34 no. 3-5-6 Mye-Je '68.
- Electrochemical method for the determination of the gypsum content in cement. I. A. I. Stalnikov. *Stroitel. mat. det. i izd.* no. 8-10-155 '67.
- Electron microscope examination of glass treated in a high alkali medium. I. D. Pashkov, O. G. Starchuk, A. K. D. P. An. *USSR, Ser. B* 30 no. 2145-150 F '68.
- Equipment repair made according to a network schedule graph. V. I. Tarakov, P. I. Kiselev. *Tsment* 34 no. 2-22 Mr.-Ap. '68.
- Experience in the production of the 600 portland cement. M. T. Vlasov and others. *Trudy NITsSement* no. 21-100-200 '66.
- Experimental use of mathematical planning methods in the study of clinker burning technologies. T. U. Enin, I. A. Fridman, V. K. Kiselev. *Trudy NITsSement* no. 21-100-201 '66.
- Fixing the calcium kiln for casting linings in a fluidized bed. V. M. Doronov, I. P. Kiselev. *Stroitel. mat. det. i izd.* no. 8-10-156 '67.
- Form generator for mortar. V. S. Grigoriev, Z. D. P. Pashkov, E. V. Buzhevitsa. *Stroitel. mat. det. i izd.* no. 8-10-157 '67.
- Goals of the first year of the new five-year plan. *Tsment* 34 no. 1-12-3 Jan-F '66.
- Grouting cement made of ferromanganese slags. D. I. Novichikhin, N. A. Kozlov. *Tsment* 34 no. 1-12-4 Jan-F '67.
- Hardening and crystallization processes of cordierite composition coatings. P. P. Buzhikov, G. A. Sokolovskaya, L. P. Kulygin. *Trudy NITsSement* no. 21-100-202 '66.
- Heat balance of slag Portland cement under steam curing. V. N. Puzanova. *Tsment* 34 no. 1-12-5 Jan-F '67.
- Heat resistant expanding cement. K. S. Kiselev. *Stroitel. mat. det. i izd.* no. 8-10-158 '67.
- Heat treatment of reinforced concrete panels by the electric source of infrared radiation. A. A. Adamovskiy and others. *Gidr. stroit.* 37 no. 10-11-14 O '66.
- High-strength cements. Their production and properties. M. H. Bili, V. V. Tirovskiy. *Zhur. VKH* 11 no. 2-15-159 '65.
- [High-strength concretes] Vysochoprochnye betony. Pod obshch. red. N. I. Sytnika. Kiev, "Naukova Dumka," 1967. 80 p.
- Hydraulic properties of tricalcium silicate solid solutions. I. U. S. Mikhlin, N. D. Kiselev. *Trudy NITsSement* no. 21-100-203 '66.
- Hydrothermal hardening bacteria. P. P. Buzhikov, L. A. Kiselev. *Zhur. VKH* 11 no. 2-16-161 '68.
- Improving economic services. A. P. Luklanov, V. A. Kamulov, V. I. Verbitsky. *Tsment* 34 no. 1-12-6 Jan-F '67.
- Improving the pneumatic method of feeding dust into the main stream of a kiln. I. A. I. Stalnikov. *Tsment* 34 no. 1-12-7 Jan-F '66.
- Increase in production efficiency. V. I. Karzashov. *Tsment* 34 no. 3-15-15 Mye-Je '68.
- Indicator of the crushing ratio of a fine concrete as a strength characteristic of the binder. *Stroitel. mat. det. i izd.* no. 8-10-159 '67.
- Initial results of economic reforms in cement plants. S. I. Likh. *Tsment* 34 no. 1-12-7 Jan-F '67.
- Intensification of the hardening process of the hardened concrete mass when making large wall panels by using high frequency current. V. I. Poroshin. *Trudy NITsSement* no. 21-100-204 '66.
- Intermediate phase of hydroxides during hardening of portland cement with carbonate admixtures. I. P. Buzhikov, N. V. Nizhnik. *Tsment* 34 no. 2-10-12 Mr.-Ap. '68.
- Introducing new equipment. V. A. Kiselev. *Tsment* 34 no. 1-12-8 Jan-F '66.
- Introduction of isotope technology. *Tsment* 34 no. 1-12-9 Jan-F '67.
- Investigating hydrogel groups of calcium hydroxylates at 60-100 gauge pressure and 250°C temperature. R. V. Vashchenko, P. F. Kozlov, G. P. Tolmachev. *Trudy Giprosement* no. 31-37-53 '65.
- Investigating lightweight concrete with a foamed slag and perlite base. B. F. Zolotarevskiy, E. M. Dekhter. *Stroitel. mat. det. i izd.* no. 8-10-160 '67.
- Investigating resistance to clinker burning of portland cement having a varying phase composition and structure. I. A. V. Klucharov, V. K. Zakharenkov. *Trudy Giprosement* no. 31-37-54 '65.
- It is necessary to develop the production of white cement in new regions. G. D. Pryazova, K. V. Vasil'eva, E. N. Maslov. *Tsment* 34 no. 3-13 Mye-Je '68.
- The main goal is to raise the output of the cement industry. O. M. Stalnikov. *Tsment* 34 no. 1-12-10 Jan-F '67.
- [MICROFILM]**
- Mechanical and thermophysical properties of raw materials. A. P. Malyshov. *Tsment* 34 no. 2-5-7 Mr.-Ap. '68.
- Mechanization in the preparation and feeding of lime milk. G. M. Agapov, N. T. Golubchik. *Stroitel. i dor. mash.* 11 no. 10-26-27 O '66.
- Melting point and strength properties of fused cements with different content of iron oxide. M. A. Kiselev. *Trudy Giprosement* no. 31-37-55 '65.
- Method of reducing the content of alkalies in the dust being returned into rotary kilns. N. M. Marchenko, N. A. Safonov, E. B. Buzhikov. *Tsment* 34 no. 1-10-11 Jan-F '66.
- Methods for reducing clinker dust formation in rotary kilns. R. S. Akhala, S. N. Gasparov. *Tsment* 34 no. 3-17-18 Mye-Je '68.
- Methods of studying water separation, false setting, and a setting tendency of cements. M. A. Akhala and others. *Trudy Giprosement* no. 31-37-56 '65.
- Methods to expand the color range of clinker cements. P. I. Buzhikov and others. *Tsment* 34 no. 2-12-11 Mr.-Ap. '68.
- Microstructure of concrete produced from ultrafine activated cement paste. I. U. S. Mikhlin, V. I. Dymchenko, V. I. Buzhikov. *Stroitel. mat. det. i izd.* no. 8-10-162 '67.
- Mineralogical phase characteristics of magnesian cements. A. A. Chelchikova, A. P. Kiselev. *Tsment* 34 no. 3-19-20 Mye-Je '68.
- Need for further intensification of production in various other branches of industry. G. I. Vashchenko. *Trudy NITsSement* no. 21-100-205 '66.
- New S-773 concrete mixer. K. M. Kiselev, A. G. Vashchenko. *Stroitel. i dor. mash.* 11 no. 10-26-27 O '66.
- New arrangement for returning clinker dust into kiln without its granulation. V. M. Vasil'eva. *Tsment* 34 no. 3-20 Mye-Je '68.
- Objectives of cement industry workers during the new five-year plan. *Tsment* 34 no. 1-12-11 Jan-F '67.
- Obligations have been overfulfilled. A. I. Mikhlin, I. A. Buzhikov, V. I. Buzhikov. *Tsment* 34 no. 1-12-12 Jan-F '67.
- Operation of a rotary kiln with nonrefractory lining and hydraulic support. P. A. Kiselev. *Tsment* 34 no. 3-19-21 Mye-Je '68.
- Packing of rotary kiln heads. Z. A. Vlasov. *Tsment* 34 no. 1-12-13 Jan-F '66.
- Photographic control of clinker quality. A. S. Mikhlin. *Tsment* 34 no. 1-12-14 Jan-F '67.
- Phosphate binder of heat resistant concrete. V. V. Kiselev, I. I. Sushko. *Trudy Giprosement* no. 31-37-57 '65.
- Physicochemical and deformational properties of aluminosilicate concrete produced by the method of vacuum hydrothermal treatment. I. G. Gullina and others. *Stroitel. mat. det. i izd.* no. 8-10-163 '67.
- Plant tests of a new aluminosilicate plugging material. V. V. Simonov and others. *Energ. stroit.* no. 12-41-44 '66.
- Research on two-stage hammer crushing. V. V. Tirovskiy. *Tsment* 34 no. 2-10-12 Mr.-Ap. '68.
- Preparation of concrete and mortar mixes for brickwork in heat insulation works. E. I. Gullina. *Energ. stroit.* no. 12-28-32 '67.
- Pressure of the lining on shaft and rotary kilns. I. I. Gullina. *Trudy Giprosement* no. 31-37-58 '65.
- Preventing false setting of cement. A. M. Kiselev, I. I. Kiselev, I. I. Buzhikov. *Tsment* 34 no. 1-12-15 Jan-F '67.
- Production of clinker reinforced concrete panels with a sealing layer strength, rigidity, and crack resistance. V. V. Tirovskiy. *Trudy GSI* no. 50-102-103 '67.
- Production of expanding portland cement. K. S. Kiselev. *Tsment* 34 no. 1-12-16 Jan-F '67.
- Production reaction should be activated. V. M. Simonov. *Tsment* 34 no. 1-12-17 Jan-F '67.
- Quantitative relation of technological factors determining the clinking quality of raw material charges. I. I. Buzhikov, V. I. Simonov, I. M. Mikhlin. *Tsment* 34 no. 1-12-18 Jan-F '67.
- Quick determination of calcium oxide in the slag. I. G. I. Kiselev, S. N. Buzhikov. *Tsment* 34 no. 1-12-19 Jan-F '66.
- Quick method of determining granular granulation of cement. I. M. Bili, R. A. Tirovskiy. *Trudy NITsSement* no. 21-100-206 '66.
- Quick test of portland-cement in plant mortars. I. N. Simonov, Z. V. Akhala. *Tsment* 34 no. 1-12-20 Jan-F '66.
- Realization of the rated capacity of a 4,500-ton kiln. E. V. Tirovskiy, V. M. Kiselev, A. I. Mikhlin. *Tsment* 34 no. 1-12-21 Jan-F '67.
- Regression analysis in evaluating the coloring of raw material mixes. M. M. Sychev, A. V. Simonov. *Tsment* 34 no. 3-4-5 Mye-Je '68.
- Research on water cooling of coarsely aggregated concrete mix in the construction site of the Krasnodar Hydroelectric Power Station. V. V. Zakharenko, A. I. Kiselev. *Energ. stroit.* no. 12-42-46 '67.
- Red charging of a raw material mill. I. I. Chernov. *Tsment* 34 no. 2-19-20 Mr.-Ap. '68.
- SM-4 cement-mixing machine. G. G. Shcherbina, I. I. Mikhlin. *Mash. i ustroystva* no. 3-3-4 '68.
- Scientific labor organization in the determination of production improvement. V. K. Shalidov. *Tsment* 34 no. 2-19-21 Mr.-Ap. '68.
- Self-acting guard plates in single-chamber raw material grinders. D. A. Izvitsky. *Tsment* 34 no. 2-22 Mr.-Ap. '68.
- Summary on the results of new work conditions for brickwork. *Tsment* 34 no. 1-12-22 Jan-F '67.
- 5th Conference on Concrete and Reinforced Concrete. G. D. Petrov. *Gidr. stroit.* 37 no. 10-50-51 O '66.
- Steady and efficient operation of equipment. I. M. Tirovskiy, N. S. Zaygorodnii, A. I. Fedin. *Tsment* 34 no. 1-12-23 Jan-F '67.
- Steady effort to reduce fuel and power consumption. V. A. Artyukhin. *Tsment* 34 no. 1-12-24 Jan-F '67.
- Stretch of time for concrete aging before freezing. S. A. Mironov, R. A. Kiselev, O. S. Ivanova. *Gidr. stroit.* 37 no. 4-10-21 Ap '67.
- Study of reinforced concrete members of hydraulic structures and substantiation of calculation methods according to limiting states. A. V. Shchegolev and others. *Izv. VNIIG* 85-261-268 '67.
- Study of the hardening process of binders by measuring their electrochemical potentials. I. A. I. Stalnikov. *Stroitel. mat. det. i izd.* no. 8-10-164 '67.

663.9 (Continued)

Studying deformation ability of concrete as related to its crack resistance. V. V. Stokhnik, R. E. Litvinova. Izv. VNIIG 24-54-71 '67.

Studying the behavior of round reinforced concrete columns under full soil. A. L. Brink, A. V. Nenashov. Sbornik IILZIT no. 258 157-164 '67.

Study of gasketing media and spare parts should be improved. I. S. Mamzov. Tsement 14 no. 118 Msk. 3p '66.

Technical codification. D. A. Rotak. Tsement 14 no. 3-29 Msk. 6p '66.

Technical codification. S. E. Farnmark, N. P. Galkin. Tsement 14 no. 1-24-3 of cover. Jan '66.

Technical level of production as an incentive. V. M. Stepanov. Tsement 14 no. 1-14-15 Jan '67.

Technological improvements in face fuel consumption. I. M. Shchegolev. Tsement 14 no. 1-15-16 Jan '66.

Temperature stresses in precast reinforced concrete spans during their service time. E. E. Karpov. Sbornik IILZIT no. 256 146-158 '67.

Twofold increase of cement output. F. E. Kislukha, I. S. Mstislavskii. Tsement 14 no. 3-2 of cover Msk. 6p '66.

Universal continuous-action C-44 concrete mortar mixer. A. M. Chudilov, S. I. Lomashov. Tsement 14 no. 3-29 Msk. 6p '66.

Useful properties of dust collection. A. I. Oshchepko, S. A. Il'inskiy. Tsement 14 no. 1-15-16 Jan '67.

Use of heat and electric power. Plant wastes in the utilization of cement kilns. S. T. Ponomarev. Tsement 14 no. 1-14-15 Jan '66.

Use of light-weight thermoclastic brick for protection of the lining in the furnace of rotary kilns. N. V. Pina. Tsement 14 no. 3-29 Msk. 6p '66.

Using the conductometric method for evaluating the hydrating properties of silicate materials. V. S. Gorskoy, K. N. Popov. Sbornik VNIISN no. 15-123-125 '67.

Vibrating method of preparing cement-lime materials. I. V. Chukova, N. V. Mikhailov. Tsement 14 no. 1-14-15 Jan '66.

Vibrational platforms for molding reinforced concrete elements. L. P. Petukhin. Sbornik IILZIT no. 11 no. 10-21-24 D '66.

Vvedovskii, V. A. [Mechanical equipment for the production of asbestos-cement products] Mekhanicheskoe oborudovanie dlia proizvodstva asbestotsimentnykh izdelii. Moskva, "Mashinostroyeniye," 1967. 192 p.

Water gas burner for the cement industry. V. A. Shumilov. Tsement 14 no. 1-14-15 Jan '66.

Water from the production of hydro-aluminate as a solvent during grinding of clinker. M. P. Chukovskii, I. P. Igolova. Tsement 14 no. 1-14-15 Jan '67.

Wear of magnesite concrete during burning of pyritic clinker. N. V. Pina, I. E. Nefedov, G. G. Skolnik. Tsement 14 no. 1-14-15 Jan '66.

Zil'berman cement workers keep their word. G. G. Zil'berman. Tsement 14 no. 1-14-15 Jan '67.

666.9(471.43)—Kuybyshev Province

Experience with use of slags with phosphorus and fluorine content in the Zhigul'sk Building Materials Combine. A. E. Shekhtin, S. A. Stokhnikova, A. G. Gitterman. Tsement 14 no. 1-14-15 Jan '66.

666.9(471.62)—Krasnodar Territory

Industrial average of cement plants in Novorossiysk. N. A. Olenov. Tsement 14 no. 1-14-15 Jan '66.

666.9(474.2)—Leningrad S.S.R.

Quick determination of phosphorus in materials by the photoluminescence method. I. U. N. Nizhnevskii. Tsement 14 no. 1-14-15 Jan '66.

666.9(479.24)—Azerbaijan S.S.R.

Technical reforms at the Karadag cement plant. R. D. Suleymanov. Tsement 14 no. 1-14-15 Jan '66.

666.9(57)—Atlantic U.S.S.R.

Production of sulfate-resistant cements in Central Asia and Kazakhstan. S. V. Torokhov, V. S. Kasimov. Tsement 14 no. 1-14-15 Jan '66.

667 COLOR INDUSTRIES. DYES. PAINTS

Analysis of the lophthalic series as oxidizing dyes for fur. V. V. Iozlov, D. I. Brovovskii, I. E. Veselovskii. Sbornik nauk. rab. INKh no. 17 230-243 '61.

Dyeing of synthetic latexes in a mass with vat dyes and the study of dyed systems. B. I. Bolor and others. Sbornik nauk. rab. INKh no. 17 244-249 '61.

Filter based on a resin obtained from liquid products of the pyrolysis of gases. Z. G. Selezneva, M. K. Shakhmuradov, R. I. Mamadov. Azerb. neti. khoz. 47 no. 13 of inside cover. Apr '68.

Initiation-furture finishes by a photo stencil method with subsequent printing in a hot press. V. F. Kachan and others. Izv. bim. i der. prom. no. 4-21-26 '67.

Lacquer viscosity change in flow coating. I. V. Prokopenko. Izv. bim. i der. prom. no. 4-31-38 '67.

New paper on glass. Izob. i izm. no. 6-39 '66.

On the tendency of asymmetrical dyes toward sensitization of the second kind. I. B. Lifshits, I. A. Naroditskaya, I. I. Leskova. Zhur. nauch. i prikl. fiz. i khim. 43 no. 2-119-122 Mr-Apr '68.

Painting with heated enamel in an electric field. A. G. Stupakov, N. A. Maslakov. Avi. prom. 27 no. 7: 39-40 Jan '68.

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlia opredeleniya kachestva lakrasnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Obshch. peredovoye proizvodstvo.")

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlia opredeleniya kachestva lakrasnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Obshch. peredovoye proizvodstvo.")

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlia opredeleniya kachestva lakrasnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Obshch. peredovoye proizvodstvo.")

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlia opredeleniya kachestva lakrasnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Obshch. peredovoye proizvodstvo.")

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlia opredeleniya kachestva lakrasnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Obshch. peredovoye proizvodstvo.")

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings] Pribyori dlia opredeleniya kachestva lakrasnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Obshch. peredovoye proizvodstvo.")

Special features of the behavior of some dyes on a mercury dropping electrode. G. E. Krasovskii, V. K. Lomskaya. Izv. vuz. ucheb. zav. i khim. tekhn. tekhnologiya 10 no. 11: 1213-1215 '67.

Study of the hardening process of polyester lacquer coatings. A. B. Pustikovskii, E. A. Chernyakova. Izv. bim. i der. prom. no. 4-31-38 '67.

[Varnishes, paints and auxiliary materials] Lak, kraski i vopomogatelnye materialy. Izd. GVA. Moskva, Izd. stankirov. (Gos. stand. SSSR).

Ch. 2. 1967. 395 p.

667(437)—Czechoslovakia

Analysis of lead and organic carbon filter under high temperatures. Z. Polir, D. Dursky. Tekst. prom. 27 no. 12-42-43 D '67.

668 VARIOUS ORGANIC CHEMICAL INDUSTRIES

Alcohol spectra of macroheterocyclic compounds with internal opening similar to phthalocyanine. D. P. Smetov. Izv. vuz. ucheb. zav. i khim. tekhn. tekhnologiya 10 no. 11: 1262-1266 '67.

Analysis of the low boiling point fraction of neutral products of the pyrolysis of wood waste oils. S. M. Krasovskii, V. L. Kozlov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Automated inspection consumption method in the production of pulp. A. I. Krasovskii, M. N. Belikovskii. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Bogach, A. M. [Waxes and their use in the petroleum and chemical industries] Vaksy i ikh primeneniye v neftekhimii i khimicheskoi promyshlennosti. Grozny, Cherno-leskanskoe kn. izd., 1967. 203 p.

Conference on the problems of drying yeast and lignin. V. I. Polivnitskiy. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Study of the isomerization process of alpha-pyrene to complete by the gas-liquid chromatography method. K. I. Vedenov, I. I. Belykhov. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Determining the amount of torpene oil in mixtures of resins during the fermentation of biomass. P. S. Ponomarev, E. G. Ponomareva, N. V. Pavlovskaya. Mash. i der. prom. 31 no. 5-30-31 Msk. '68.

Diffusion of benzene in a thermocatalytic apparatus. I. N. Vinogradov and others. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Effect of water on the speed of oxidation of alpha-chloro and alpha-bromo compounds. I. I. Belykhov and others. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Light in alcohol waters. V. A. Lomskaya, V. E. Kaplin. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Method for isoelectric separation from acid bases. A. P. Zaslavskii. Zhur. prikl. khim. 41 no. 1-15-16 Jan '68.

New method of connecting macromolecules in pulsing discharge of pressure. I. D. Kuznetsov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Oxidation of pith (chitin) by oxygen in aqueous alkaline medium. A. N. Chudilov, M. N. Fakhov. Zhur. prikl. khim. 41 no. 1-15-16 Jan '68.

Solvent for acetone-benzene mixtures. I. I. Belykhov, R. P. Kuznetsov. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Some work results of the Soviet perfume and cosmetics industry in 1967. I. S. Tsvetov, S. G. Gelfand. Mash. i der. prom. 31 no. 5-30-31 Msk. '68.

Study of m/v-type emulsion systems based on petrol and its polyoxyethylene derivatives. N. E. Savostukova, I. I. Vol'pert, I. V. Shevtagina. Mash. i der. prom. 31 no. 5-30-31 Msk. '68.

Tapping for impregnated wood by a chemical tap with the application of calcium hypochlorite. I. M. Hyakin, V. V. Korovin. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

Wool pitch and its use. Z. G. Aueva, A. V. Kurokova. Gidroliz i leshchik. prom. 21 no. 1-21 '68.

Technical and economic effectiveness of the automation of the wood chemical industry. G. A. Batanov. Gidroliz i leshchik. prom. 21 no. 4-22-23 '68.

Use of the phenolic resin from the production of diphenylpropane for cleaning nonferrous surface-active agents. A. D. Vol'pert, E. I. Belykhov and others. Nefteper. i khim. 40 no. 1-15-16 Jan '68.

[Mining engineering and metallurgy] Tekhnika gornogo dela i metallurgii. Moskva, "Mash. i der. prom. 1968. 400 p.

[Ocherki razvitiya tekhniki v SSSR].

Overall standardization of the production of the ferrous metallurgy. I. D. Anisimov and others. Sbornik nauk. rab. 24 no. 1-14-15 Jan '68.

Shel'min, D. A. [Laboratory work on the course "Technology of metals." Laboratornyye raboty po kursu "Tekhnologiya metallov." Moskva, "Vyssh. shkola," 1967. 126 p.

Sovetskoye po metalloy metalloy, 4th, 1968. [Strength of metals under cyclic loads. Materialy] Prichinny metallov pri tsiklicheskikh napruzheniyakh. Materialy. Moskva, "Mash. i der. prom. 1967. 240 p.

State of algae and organic carbon filter under high temperatures. Z. Polir, D. Dursky. Tekst. prom. 27 no. 12-42-43 D '67.

Study of the tendency of the system "Inga - II oxide" to be broken by a modified spring-like method in solutions at various depths of powder metallurgy. M. N. Chudilov. Tsement 14 no. 1-14-15 Jan '67.

668(479.24)—Armenian S.S.R.

Notes of the author. A. Aghajanyan, E. G. Aghajanyan. Tsement 14 no. 1-14-15 Jan '67.

The part of Zangazur. B. G. Aghajanyan. Tsement 14 no. 1-14-15 Jan '67.

669.017 Physical metallurgy

Certain characteristics of the crystallization of alloys at superheated rates of cooling. I. P. Ilyushin. Izv. AN SSSR, Mol. no. 3-147-152 Mr-Apr '68.

Control interaction of polyethylene with aluminum beryllide. A. S. Durov and others. Izv. AN SSSR, Mol. no. 2-235-237 Mr-Apr '68.

Degeneration of structure during the isothermal decomposition of aluminum in acid and alkali media. I. V. Galina, V. I. Oshchepko. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Finkel', V. A. [High-temperature X-ray diffraction pattern of metals] Vysokotemperaturnaya difraktsiya metallov. Moskva, "Metallurgiya," 1968. 204 p.

Intermetallic segregation of copper and nickel in iron-nickel alloys. N. I. Gulyaev and others. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Maslov, L. N. [Study of materials] Materialovedeniye. Moskva, 1967. 152 p.

Phase constitution of alloys with high-melting components toward a diagram Ni - Mo. B. I. Krasovskii. Izv. vuz. ucheb. zav. i khim. tekhn. tekhnologiya 10 no. 11: 1213-1215 '67.

Polythermal reactions of the constitutional diagram of Mo - Ti - Zr. M. I. Zakharenko, N. A. Ponomarev. Izv. AN SSSR, Mol. no. 2-219-223 Mr-Apr '68.

Recovery of the activation magnification and electrical resistance of deformed alloys Fe-Ni. I. A. Chudilov, O. I. Chudilov. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Self-diffusion of silver in liquid alloys Pb - Sn. B. I. Krasovskii, A. E. Zakharenko, N. I. Krasovskii. Ucheb. zhur. 13 no. 1-156-157 Jan '68.

Sovetskoye po metalloy metalloy, 4th, 1968. [Metallurgy] Tekhnika gornogo dela i metallurgii. Moskva, "Mash. i der. prom. 1968. 400 p.

Study of the tendency of the system "Inga - II oxide" to be broken by a modified spring-like method in solutions at various depths of powder metallurgy. M. N. Chudilov. Tsement 14 no. 1-14-15 Jan '67.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii. Izv. AN SSSR, Mol. no. 2-161-163 Mr-Apr '68.

Using methods of enthalpy and local recrystallization in metallurgy. A. S. Zhuravlev, V. N. Vychukovskii, A. N. Krasovskii.

669.016 (Continued)

- Kinetics of the desulfurization of pig iron. Report No. 2. A. K. Strel'nikov, G. A. Topol'shchikov, O. A. Fain, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:23-26 '68.
- Method of calculating the time length of steel recarbonization by cementation. B. A. Likhur, L. A. Savitskaya, Izv. AN SSSR, Met., no. 2:169-172 Mr-Apr '68.
- Order of oxidation of phosphorus and sulfur in the oxygen-blow converter process. Report No. 2. S. I. Sechin, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:61-64 '68.
- Informing natural gas in presence of an oxidizer. V. A. Kildandin, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:173-176 '68.
- Regularities of arsenic removal during the roasting of ferrous ores. N. A. Vashurin, L. I. Vasil'yevskaya, Izv. AN SSSR, Met., no. 2:3-9 Mr-Apr '68.
- Sulfatization and ferritization of nonferrous metals in the system $\text{MeO} + \text{FeO}$ during sulfating roasting in a fluidized bed. E. V. Margulis, V. F. Laitin, S. M. Krasnarina, Izv. AN SSSR, Met., no. 2:94-101 Mr-Apr '68.
- Viscosity of slags of a four-component system $\text{CaO} + \text{SiO}_2 + \text{FeO} + \text{Al}_2\text{O}_3$. A. A. Givmelfarb, Izv. AN SSSR, Met., no. 2:59-70 Mr-Apr '68.

669.1 Ferrous metals. Iron. Steel

- Conference on Mechanical Testing of Metals held at the Central Scientific Research Institute on Ferrous Metals. L. T. Timoshuk, Zav. lab., 13 no. 12:153-154 '67.
- Creative plans of engineers and inventors. A. I. Al'tov, Met. i gorn. prom., no. 2:93-94 Mr-Apr '68.
- Determining the technological level of the development of ferrous metallurgy enterprises. P. P. Akhmedova, T. P. Zagrebina, Met. i gorn. prom., no. 2:80-81 Mr-Apr '68.
- Effect of silicon on the tendency of high-purity iron toward brittle failure. P. A. Gullaeu, I. U. Maltsev, Izv. AN SSSR, Met., no. 2:167-170 Mr-Apr '68.
- From laborer to head of the section. V. Turbul, Metallurg, 13 no. 4:16 Ap '68.
- Glorious twenty-fifth anniversary. V. Kozlov, Metallurg, 13 no. 4:4-5 Ap '68.
- Interaction of thallium with iron. L. L. Grubinskii, I. T. Petrunin, Izv. AN SSSR, Met., no. 2:235-238 Mr-Apr '68.
- Kinetics of carbon oxidation in the presence of an alloying element in the molten metal. S. M. Paderin, S. I. Filippov, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:10 '68.
- A method of compiling technological graphs relative to repair of mechanical equipment. K. D. Pekhtikov, Kh. i Zashch., 1, I. Huzarenko, Met. i gorn. prom., no. 2:77-80 Mr-Apr '68.
- Mustafin, I. S., and A. G. Kovaleva. [Metal analysis] Analiz metallov. [Saralov] Izd. Saralovskogo univ. Vyp. 1. (Determining common components of ferrous metals) Opreделение obshchikh komponentov chernykh metallov. 1967. 40 p. (Oita studentov zashchego obucheniya).
- Popov, D. I., and R. N. Tykizhevskiy. [Belt use of capital assets in ferrous metallurgy] Ushchenie ispol'zovaniya nanomnykh proizvodstvennykh fondov v chernoi metallurgii. Moskva, "Metallurgiya," 1968. 100 p.
- Studying the microdistribution of hydrogen in the structure of chromium-nickel steel and cast iron. V. I. Lyvinskii, I. B. Kupriev, V. L. Sedov, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:66-70 '68.
- Wear of steel and polymers in a micro-fertilizer medium. M. K. Severinov, N. N. Podkisev, Trakt. i sel. kh. mash., no. 2:34-36 P '68.

669.1 (471.55)—Chelyabinsk Province

Today and tomorrow at the Chelyabinsk Metallurgical Plant. S. N. Bystrin, Metallurg, 13 no. 4:1-3 Ap '69.

669.13 Cast iron

- Characteristics of the eutectoid conversion in cast iron modified with rare earth metals. A. I. Likhur, G. I. Dolal, I. E. Lev, Metallurg, 1 term. obr. met., no. 5:41-49 My '68.
- Comparison of cast irons by hardening. K. Mikhaitin, 1, Kazarlan, Prom. arm., 10 no. 3:10-37 '67.
- Effect of coke lumpiness on the carbonization of cast iron in the hearth of a cupola. A. M. Vykhodits, A. I. Smirnov, Izv. AN SSSR, Met., no. 2:24-25 Mr-Apr '68.
- Effect of ultrasonic treatment of cast iron on its content in gases and nonmetallic inclusions. L. I. Levi and others, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:155-157 '68.
- Experimental determination of thermophysical properties of anthracy-annealed gray cast iron. I. M. Vasilin, K. M. Pirogov, Zashch. zap. Ivan. gos. ped. inst., 38:12-124 '67.
- Graphitizing of Fe-C alloys in annealing. D. N. Khudokorov, V. M. Korolev, Lit. protz., no. 12:39-39 D '67.
- History of the development of iron-carbon diagram. Metallurg, 1 term. obr. met., no. 5:11-19 My '68.
- Influence of sulfur and manganese on the graphitizing of white cast iron. K. P. Babin, I. E. Lev, A. K. Repin, Lit. protz., no. 12:36-36 D '67.
- Influence of the microalloying and heat treatment on the mechanical properties of cast iron with eutectoid graphite. A. V. Poloshchikov, V. I. Litvinov, D. G. Zelenyi, Metallurg, 1 term. obr. met., no. 5:50-53 My '68.
- Macro- and microhardness of ingot surface layers made of high-grade cast iron. A. A. Gelfman, S. S. Snopkov, Metallurg, 1 term. obr. met., no. 5:58-59 My '68.
- Optimal phosphorus content in austenitic and eutectic cast iron. A. V. Ostrovskiy and others, Lit. protz., no. 12:29-31 D '67.
- Physicochemical properties of cast iron with rare-earth metal additions. O. N. Bakakio, A. P. Lyubchenko, M. V. Mozharov, Lit. protz., no. 12:42-45 D '67.

Wear of distribution rinfers from cast iron. P. I. Zernakov and others, Lit. protz., no. 12:11-13 D '67.

669.14 Steel

- Coiling a steel strip by jet blowing. M. A. Glinkov, M. N. Udonitsa, V. I. Mitel'skiy, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:165-168 '68.
- Decomposition of delta ferrite during the tempering of 04Kh12N2F2S2 and 04Kh20N12ZBT steels. I. M. Skolov, I. A. Fridl, Metallurg, 1 term. obr. met., no. 5:30-34 My '68.
- Effect of carbon concentration on the wear-resistance of steel surfaces hardened by cementation. V. P. Lavrent'ev, Stor. razch. rab. IGIL, no. 17:177-184 '61.
- Effect of high-temperature thermomechanical treatment on the mechanical properties of the spring steel. O. I. Stachin, Metallurg, 1 term. obr. met., no. 12:51-60 D '67.
- Effect of the speed of cooling on mechanical properties and microstructure of low-carbon steel coils. A. E. Zaslavskiy, V. I. Gusev, I. D. Nizovskiy, Metallurg, 1 term. obr. met., no. 12:63-63 D '67.
- Influence of foundry molds on the quality of castings from GH steel. L. A. Likhur, S. I. Sushin, Met. i gorn. prom., no. 2:54-56 Mr-Apr '68.
- Making hydrophobic for the isolation of nonmetallic inclusions by electrolysis in two electrolytes. A. S. Korobovskiy, V. D. Sheshtov, Trakt. i sel. mash., no. 16:13-18 '67.
- Making use of forging heat for the annealing of R18 and R18M high-speed steels. I. N. Husarova, N. N. Likhur, S. M. Rapoport, Metallurg, 1 term. obr. met., no. 12:61-65 D '67.
- The nature of the excess phase in ferrite-austenite steel with titanium. T. V. Lyubshina, V. S. Maltseva, S. B. Maltseva, Metallurg, 1 term. obr. met., no. 5:35-36 My '68.
- New steel for hand saws and chainsaws. L. A. Pozharovskiy and others, Metallurg, 1 term. obr. met., no. 12:54-55 D '67.
- One hundredth anniversary of the D. K. Chernov discovery of polymorphic transformations in steel, 1868-1968. A. F. Gontsov, Metallurg, 1 term. obr. met., no. 3:2-8 My '68.
- Origin of symbols for critical points of steel. I. V. Gorbachev, Metallurg, 1 term. obr. met., no. 5:9-11 My '68.
- Radiation properties of stainless steel Kh18N9T during heating in air. G. A. Zhurav, V. S. Sergeev, Topol'shchikov, 6 no. 2:340-342 Mr-Apr '68.
- Heating of holes in 20KhN2 steel parts. I. G. Mikhailin, Stal. i lityr., 39 no. 4:43 Ap '68.
- Reinforced concrete span constructions of the main truss of highway bridges. V. A. Bakalkin, Av. dir., 11 no. 4:15-16 Ap '68.
- Spots for the preferential formation of nuclei of secondary recrystallization of transformer steel. S. S. Correll, V. A. Galsteyn, D. E. Verbovetskaya, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:124-128 '68.
- Studying the factors of the efficiency of inhibitors of acid corrosion in steel etching. Report No. 1. Diffusion in the efficiency of corrosion inhibitors during anodic acid etching of low-carbon steel covered with stender or vitreous film. A. S. Afanasev, S. G. Tyr, Khim. tekhn., no. 7:135-143 '67.
- Studying the solubility of unstable inclusions in steel in the process of their isolation by various methods. A. S. S. Korobovskiy, Trakt. i sel. mash., no. 16:3-68-71 '67.
- Thermal etching of steel by the spray cooling method. V. N. Vydrin, P. N. Anusov, G. V. Korobovskiy, Stor. razch. rab. IGIL, no. 16:249-278 '67.

669.14(477.01)—Donetsk Basin

Educational work in a workshop. A. Kiselevskiy, Part. zhizn', no. 12:52-58 Fe '68.

669.15 Alloys of iron. Alloy steels. Ferroalloys

- Acoustic radiation of iron-manganese alloys. N. I. Dreiman, Metallurg, 1 term. obr. met., no. 5:78-80 My '68.
- Analyzing the technology of desoxidizing and alloying open-hearth steels at metallurgical plants of the Ukraine. B. G. Petukhov and others, Met. i gorn. prom., no. 2:10-22 Mr-Apr '68.
- Characteristics of the crystallization and structure of austenitic ferrite steels. K. F. Nukhtevskiy, V. A. Efimov, Metallurg, 1 term. obr. met., no. 5:37-40 My '68.
- Corrosion of the Kh7T and Kh18N9T stainless steels and the VT1-2 titanium in the solutions of nitric acid containing reducing agents. S. G. Gabrielyan, I. V. Okina, Khim. i met. mash. stro., no. 5:23-24 My '68.
- Determination of gases in ferrochrome. V. S. Shitkov, N. A. Gudovich, Zav. lab., 39 no. 12:1593 '67.
- Effect of chromium and silicon on the viscosity of alloys in the system Fe-Cr-C. B. A. Baum, P. V. Goryunov, P. V. Kocherov, Izv. AN SSSR, Met., no. 2:85-88 Mr-Apr '68.
- Effect of chromium on the structure and mechanical properties of silicon-free ferrite. G. M. Chubinskii, Metallurg, 1 term. obr. met., no. 12:10 D '67.
- Effect of high-temperature thermomechanical treatment on the mechanical properties of chromium-manganese-silicon steel. M. V. Lyubshina, E. I. Ivanova, Metallurg, 1 term. obr. met., no. 12:27-30 D '67.
- Effect of plastic deformation by stretching on the corrosion-resistance of Kh18N9T austenitic steel. M. B. Shapiro, O. N. Malyavskiy, I. U. Serebrenko, Khim. prom. Ukr., no. 3:33-37 My-Je '68.
- Effect of the additions of Si, Ti, Co, Cu on the aging of some high-corrosive alloys of the Fe-Ni-Al system. L. A. Kucherenko, V. A. Troshkin, Vest. Mosk. un. Ser. 2 khim., 23 no. 2:102-103 Mr-Apr '68.

- Effect of thermomechanical treatment on the structure and properties of 10KhNMA and 30KhNMA steels. V. S. Dushin, V. I. Rybakov, Metallurg, 1 term. obr. met., no. 12:16-17 D '67.
- Electrochemical hydrogenation of molten alloys. A. D. Dedyukhin, V. D. Kashchuk, Fiz. khim. mat., no. 1:1-14 '68.
- Failure of chromium-nickel steel subjected to thermomechanical treatment. V. I. Kuvshinov, Metallurg, 1 term. obr. met., no. 12:37-40 D '67.
- [Ferroalloys. Ferrovanadium. Methods of analysis] Ferrovanadium. Ferrovanadium. Metody analiza. IOST 13217. 0-67—GOST 13217. 11-67. Izd. ofits. Moskva, [Izd. standartov, 1967] 50 p. (Gos. standarti SSSR).
- [Ferrovanadium. Methods of analysis] Ferrovanadium. Metody analiza. GOST 13217. 0-67-13091. 8-67. Izd. ofits. Moskva, [Izd. standartov, 1967] 38 p. (Gos. standarti SSSR).
- Improving the mechanical properties of low-alloy steels by small additions of calcium silicide. L. M. Kuvshinov and others, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:139-142 '68.
- Increasing the strength during thermomechanical treatment. G. R. Gusev, I. D. Nizovskiy, Metallurg, 1 term. obr. met., no. 12:11-17 D '67.
- Influence of the heat treatment on the wear-resistance of manganese and iron. A. R. Volkov, V. B. Likhur, I. I. Stanchuk, Metallurg, 1 term. obr. met., no. 5:1-6 My '68.
- Influence of titanium on the graphitization of white cast iron. K. P. Babin, I. E. Lev, A. K. Repin, Metallurg, 1 term. obr. met., no. 12:41-43 My '68.
- Intermetallic aggregation of copper and nickel in iron-carbon alloys. N. I. Repin and others, Izv. AN SSSR, Met., no. 2:183-190 Mr-Apr '68.
- Investigating economical magenta alloys. I. E. Lyubshina, G. P. Tishchenko, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:146-149 '68.
- Investigating heat-resistance of casting alloys. A. I. Vashchenko, V. A. Zhuk, V. A. Likhur, Tekhn. i gorn. prom., no. 3:68-72 My-Je '68.
- Investigating the microheterogeneity of silicon in iron. A. V. Gurevich and others, Metallurg, 1 term. obr. met., no. 5:68-70 My '68.
- Kinetics of the decomposition of residual austenite during heat treatment of the "Sarmat" steel alloy. V. A. Gurevich, Metallurg, 1 term. obr. met., no. 5:123-124 D '67.
- Kinetics of the hardening of high-manganese steel. A. S. Nikitenko, V. M. Krivonozhnikov, V. F. Gurevich, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:16-17 '68.
- Mechanical properties of cast blanks of 04Kh12N steel. B. V. Bulda and others, Metallurg, 1 term. obr. met., no. 12:37-38 D '67.
- Microalloying of silicon in manganese cast iron. A. A. Zhukov, Metallurg, 1 term. obr. met., no. 5:74-75 My '68.
- Quality of sections from electric alloy models. I. T. Lyubshina and others, Metallurg, 1 term. obr. met., no. 5:141-141 Ap '68.
- Role of the metastable structure of alloy in austenite relaxation. S. V. Gurevich, V. A. Zhuk, Izv. AN SSSR, Met., no. 2:180-183 Mr-Apr '68.
- Secondary recrystallization of austenite in high-alloy steels with various impurity contents. I. E. Lyubshina, A. I. Novikov, V. M. Krivonozhnikov, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:128-132 '68.
- Selecting optimum cutting regimes in cutting of cast with nonuniform cross shape in parts made of alloy heat-resistant and manganese steels and alloys. A. V. Volynskiy, A. I. Filippov, Khim. i met. mash. stro., no. 5:31-35 My '68.
- State of standardization of high-alloy corrosion-resistant steels. N. V. Matveevskiy, Stal. i lityr., 39 no. 4:1-3 Ap '68.
- Structural transformations in Kh21N5 steel during tempering. K. G. Polynskiy, I. A. Sakun, V. V. Egorushina, Metallurg, 1 term. obr. met., no. 5:21-23 My '68.
- Studying the dissolution of hard inclusions in steel. I. I. Ivanov, G. N. Okna, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:11-17 '68.
- Technical and economic indices for the production of heat-resistant alloys in vacuum arc and induction furnaces. A. V. Bonchuk, I. V. Filippov, I. E. Lyubshina, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:102-103 '68.
- Textures of the rolling and recrystallization of chromium alloys. V. N. Harkovskiy, I. A. Vashchenko, I. A. Vashchenko, Metallurg, 1 term. obr. met., no. 5:72-74 My '68.
- Thermal recovery of GH steel with molybdenum. P. I. Gurevich and others, Metallurg, 1 term. obr. met., no. 12:18-19 D '67.
- Thermomechanical hardening of 10KhN9TVMTH and Kh7TUTU alloys. M. I. Gurevich, K. A. Sushkov, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:15-18 '67.
- Two-ply models with ferrite-steel cladding layer. I. I. Mordukhai and others, Khim. i met. mash. stro., no. 5:21-22 My '68.

669.16 Production of pig iron and lion of first melt

- Crystallization and viscosity of liquid iron alloys. I. I. Kravchuk, L. V. Ivanova, Izv. AN SSSR, Met., no. 2:60-68 Mr-Apr '68.
- Desulfurization of cast iron in the ladle. I. I. Kuvshinov, V. I. Vashchenko, Met. i gorn. prom., no. 2:8-11 Mr-Apr '68.
- Equipment for hardening chain links of pouring machines. V. O. Derjag, Metallurg, 13 no. 4:38 Ap '68.
- Experimental smelting of conversion cast iron of improved quality in fluorine-containing alloys. I. I. Semik and others, Met. i gorn. prom., no. 2:5-8 Mr-Apr '68.
- Increasing the durability of changing equipment. M. F. Batalov and others, Metallurg, 13 no. 4:12-15 Ap '68.
- Kinetics of the desulfurization of pig iron. Report No. 2. A. K. Strel'nikov, G. A. Topol'shchikov, O. A. Fain, Izv. vys. ucheb. zav., Chern. met., 11 no. 5:23-26 '68.

P., G. M. Efros, and L. B. Glik. [Foamed
slag-valve pinna. Moskva, Stroiizdat, 1968.

distribution during the distributor rotation for
and charging. V. I. Sergienko, D. A. Sorozhuk,
Zhukov. zav., Chern. met. II no. 5:33-38 '68.
Characteristics of blast furnaces in the smelt-
ing of iron. V. I. Gladyshev, I. I.
A. A. Tatitsenko. Metallurg 13 no. 4:9-11

phosphorus content in syntetic and cupola cast
V. Ostroverkhov and others. I. I. protzv.
11 D '67.
and maximum size of burden materials. V. I.
S. M. Solomatina. Metallurg 13 no. 4:6-8

re-heat briquets by the reduction process.
Nov. V. M. Maekov. Izv. AN SSSR, Mol. no. 2
Mr-Apr '68.
the process of the reduction of iron oxides by
in ceramic crucibles. E. A. Krasheknikov,
Nov. Izv. AN SSSR, Mol. no. 2:10-17 Mr-

uction of steel and wrought iron
of the maxima method to the selection of
esign parameters of a furnace. E. M.
E. S. Gaskin. Izv. vyz. ucheb. zav., Chern.
no. 5:177-181 '68.

ring and top casting of steel. L. A. Sinolia,
I. I. Borodulin, V. T. Garchenik. Met. i gornorud.
no. 2:33-37 Mr-Apr '68.
characteristics of the crystallization of electric
steel. I. M. Mironov, S. M. Kluinov. Izv. AN
no. 2:111-114 Mr-Apr '68.

characteristics of the melting period. E. S. Vilkov,
E. A. V. Gerasimov. Izv. vyz. ucheb. zav.,
no. 5:39-43 '68.
equipment for synthetic slag furnaces. I. K.
and others. Metallurg 13 no. 4:20-22

ered height. G. Nankovskiy, S. Horvatskov.
Metallurg 13 no. 4:20-27 Apr '68.

raction of carbon steel by blowing with powder
steel. S. A. Sudakov, M. F. Sidorenko. Izv. vyz.
ucheb. zav., Chern. met. II no. 5:71-74 '68.
recovery of nitrogen in mechanical for
the furnace. A. V. Trushin and others. Met. i
gornorud. prom. no. 2:75-78 Mr-Apr '68.

of heat utilization from the technological fuel
in blast furnaces. A. A. Tarnanov. Izv. vyz.
ucheb. zav., Chern. met. II no. 5:160-172 '68.
in alloying H₂O₂ steel in the ladle. V. I.
Vilkov and others. Metallurg 13 no. 4:17-18

behavior during the refining of alloyed steel
in the ladle. G. S. Krasov, I. A. Novikitskiy.
Metallurg 13 no. 4:40-48 Mr-Apr '68.

The operation of open-hearth furnace regener-
ators. R. Kluichikov, I. M. Tolstov, V. V. Monokhin.
Metallurg 13 no. 4:22-24 Apr '68.

the amount of carbon black in the flame of
open-hearth furnace on the ability of slag foam and
capacity of the furnace. I. A. M. Levitskiy and
Met. i gornorud. prom. no. 2:10-50 Mr-

g the path of open-hearth furnaces. S. I.
and others. Met. i gornorud. prom. no. 2:50-
Apr '68.

Apaciorialles of the carbon oxidation reaction.
v. Izv. vyz. ucheb. zav., Chern. met. II
no. 5:22 '68.

in of molds. I. M. Zimirov and others. Met.
no. 4:25 Apr '68.

ic inclusions in cast steel inoculated with
and rare earth metals. V. A. Salamatov and
Izv. AN SSSR, Mol. no. 2:31-34 Mr-Apr '68.

oxidation of phosphorus and sulfur in the oxygen-
converter process. Report No. 2. S. I. Solkin,
Zhukov. zav., Chern. met. II no. 5:61-66 '68.

chemical principles of steel production. Fiziko-
khimicheskiy osnovy proizvodstva stali. Moskva,
1968. 486 p.

transfer of radioactive isotopes S³⁵ and Fe⁵⁹
depth of an open-hearth furnace bath. I. I.
Kluichikov and others. Izv. vyz. ucheb. zav., Chern. met.
no. 5:48-51 '68.

of nonmetallic inclusions during electric slag
refining. S. A. Iodkovskiy, V. V. Panin. Izv. AN
no. 2:118-121 Mr-Apr '68.

the dynamics of the process of decarburization
during blowing with oxygen. V. I. Kaganov,
Zhukov. zav., Chern. met. II no. 5:62-66 '68.

the effect of the character of oxygen fed into a
bath in the course of the process with
blowing. B. V. Nikiforov and others. Izv. vyz.
ucheb. zav., Chern. met. II no. 5:57-60 '68.

low types of refractories in the roofs of high-
open-hearth furnaces. G. I. Antonov and others.
Met. i gornorud. prom. no. 2:59-61 Mr-Apr '68.

stala konformnostia po teorii i praktiko razlivki
I. Klov, 1965. [Physicochemical and thermo-
processes of the crystallization of steel ingots.
Notes of the 2d Conference on the Ingots. (Kiev,
11-16, 1965). Fiziko-khimicheskie i teplofiz-
icheskie kristallizatsii stal'nykh slitkov.
konferentsii po slitku. (G. Kiev, 11-16 old.
Moskva, "Metallurgiya," 1967. 608 p.

improving the quality of pipe steel. V. I. Baptyz-
and others. Met. i gornorud. prom. no. 2:15-
Apr '68.

Analyzing the technology of decarburizing and alloying
open-hearth steels at metallurgical plants of the
Ukraine. R. G. Petukhov and others. Met. i gornorud.
prom. no. 2:19-22 Mr-Apr '68.
Improving the quality and reducing the cost of metal at
plants of the Ukrainian Ministry of Ferrous Metallurgy.
V. I. Karamazin. Met. i gornorud. prom. no. 2:11-15
Mr-Apr '68.

669.18(574)—Kazakh S. S. R.
Coordination of engineering and economic services.
D. Belan, I. Shugol'. Kar. khoz. Kazakh. 26 no. 5:25-
27 Mr-Apr '68.

669.2 Nonferrous metals
Calcium content in carbolically separated sodium upon
addition of electrochemically inert salts to
NaCl. CaO, CaF₂. V. Z. Grichenik, E. A. Grachev,
Zhukov. zav., Chern. met. II no. 5:203-205 Apr '68.

Certain characteristics of the crystallization of alloys
at super-high rates of cooling. I. P. Litvin. Izv.
AN SSSR, Mol. no. 3:147-152 Mr-Apr '68.

Characteristics and dynamics of pulmonary changes in
workers of some workshops of a nonferrous metallurgy
plant based on data of X-ray observations. Z. E. Druk-
ov. Trudy SOGM no. 18:170-185 '67.

Data on the dust content in the air and on the material
composition of the dust in the processing of hard alloys
at the "Iskredil" Plant. T. M. Urasova. Trudy SOGM
no. 18:133-137 '67.

Doniklova, T. V., and I. K. Balach. [Service life of re-
fractories in furnaces of nonferrous metallurgy] Sluzhba
ogorodov v pechakh tsvetnoi metallurgii. Alma-Ata,
"Nauka," 1968. 79 p.

Dynamics of the indices of morbidity with temporary
disability recorded during nine years at the "Elektro-
stank" and "Bobinsk" Plants. S. R. Dikhtov. Trudy
SOGM no. 18:203-232 '67.

Effect of conditions of deformation and heat treatment on
the physicochemical properties of steels. Z. A.
Tinkovskiy, T. G. Ivanova. Metallurg 13 no. 4:11-14
no. 12:71-72 D '67.

Electrolysis of fused high-melting metal salts. I. V.
Baimakov. Trudy LPI no. 272:7-20 '67.

Electrolytic deposition of chromium on high-melting
metals from solutions of potassium perchlorate with
addition of sulfuric acid. B. P. Urov, N. I. Gerasimova.
Trudy LPI no. 272:133-151 '67.

Electrolytic preparation of high-purity chromium from
chromic acid solutions. Report No. 2. Effect of elec-
trolysis conditions on the passage of impurities into
the electrolyte chromium. B. P. Urov and others.
Trudy LPI no. 272:124-127 '67.

Flotation reagents and technical progress in the technol-
ogy of enriching ores of nonferrous metals. P. G.
Lomako. Khim. prom. 44 no. 5:6-9 Apr '68.

Form of iridium compounds produced during the electro-
lytic dissolution of nickel-copper alloys and the possibil-
ity of their sorption by ion-exchange resins. A. I. Zhurina,
A. V. Sharmova. Trudy LPI no. 272:90-102 '67.

Information of grain boundary structure. S. G. Khalutin,
E. S. Stepanovskiy. Izv. AN SSSR, Mol. no. 2:165-180
Mr-Apr '68.

Isotopes are the heroes. NTO 10 no. 5:15-18 My '68.
Materials of preliminary physiological and hygienic
characteristics of the basic professions in the work-
shops of powder metallurgy of the "Pechodil" Plant.
V. T. Santova. Trudy SOGM no. 18:149-156 '67.

Menstrual and paritulative function in women working at
workshops of powder metallurgy of the "Pechodil" Plant.
Z. T. Tsarova. Trudy SOGM no. 18:201-205 '67.

Optimal parameters of a device for the smelting of
metals in suspension. A. A. Fogol' and others. Izv.
AN SSSR, Mol. no. 2:138-146 Mr-Apr '68.

Pathomorphological changes in the organs of white rats
under some conditions of the effect of cobalt, tungsten,
molybdenum, and the mixture Tskh. O. N. Gurskiy.
Trudy SOGM no. 18:160-178 '67.

Structural changes in vanadium and niobium rolled in
vacuum and in solution. A. V. Krupin and others. Izv.
vuz. ucheb. zav., Chern. met. II no. 5:103-105 '68.

Study of the effect of the dust factor in the workshops of
powder metallurgy of the "Pechodil" Plant on the health
of the workers. O. N. Gurskiy. Trudy SOGM no. 18:
130-147 '67.

Sulfatizing and fertilization of nonferrous metals in
the system MoO₃-Fe₂O₃ during sulfatizing roasting
in a fluidized bed. E. V. Margolis, V. I. Larin, S. M.
Krasavina. Izv. AN SSSR, Mol. no. 2:84-103 Mr-
Apr '68.

Using methods of continuous zonal recrystallization in
metallurgy. A. S. Zhorelovich, V. N. Vigdorovich,
A. N. Krestenkov. Izv. AN SSSR, Mol. no. 2:122-130
Mr-Apr '68.

669.2(470.25)—Armenian S. S. R.
Uncovered treasures. M. Sarukhyan. Prom. Arm.
10 no. 11:44-45 '67.

669.2(574)—Kazakh S. S. R.
We are planning for efficient forms of labor. A. Aleksanov,
G. Lopyov. Kar. khoz. Kazakh. 26 no. 5:57-58 My '68.

669.21 Gold and gold alloys
[Sampling and analysis of noble metals. Laboratory
manual] Probochnye i analiz blagorodnykh metallov.
Spravochnik rukovodstva dlia laboratorii. Pod obshch.
red. I. F. Baryshnikov. Moskva, "Metallurgiya,"
1968. 400 p.

669.22 Silver and silver alloys
Silver plating and passivation in an ultrasonic field.
V. M. Zavrinskaya, R. S. Firman. Tekh. i org. proizv.
no. 3:80-81 My-Io '68.

669.22(470.104)—Capitalist countries of the
world
Silver rush. V. Rozon. Nov. vrem. no. 25:27-36 '68.

669.23 Platinum and metals of the platinum group
Iridium recovery from sulfate solutions by adsorption
on ion-exchange resins. V. I. Kazakovich, O. K.
Kikimorin, A. I. Zhurina. Trudy LPI no. 272:93-97 '67.

669.24 Nickel and nickel alloys
Conditions in which pittings occur during the electrolytic
deposition of nickel. A. N. Amosov. Trudy LPI no. 272:
103-109 '67.

Corrosion-resistant nickel plating. Tekh. i org. proizv.
no. 3:10 My-Io '68.

Determining the impurities of lead, bismuth, tin, anti-
mony, and arsenic in nickel alloys and steels. K. A.
Sukhenko, K. A. Maiseeva. Zhukov. zav., Chern. met. II
no. 5:782-787 My '68.

Influence of a magnetic field on the properties of
UNDK35T6 alloy during the thermomagnetic treatment.
V. V. Sergeev and others. Metallurg 13 no. 4:22-25
no. 5:62-68 My '68.

Influence of silicon on the phase composition of the
Kh21N5 alloy. T. V. Svyatunova and others. Metallurg 13
no. 4:22-25 no. 5:62-68 My '68.

Metallurgical behavior in fused nickel chlorides and
alkali metals. I. V. Tomashuk. Trudy LPI no. 272:
47-59 '67.

Structural transformations in Kh21N5 steel during tem-
pering. E. G. Feldgandler, I. A. Savkina, T. V.
Korotkova. Metallurg 13 no. 4:22-25 no. 5:62-68 My '68.

Studying the layer-by-layer distribution of elements in
nickel alloys. T. V. Dorasheva. Zhukov. zav., Chern. met. II
no. 5:73-75 no. 5:73-75 My '68.

Textures of the rolling and recrystallization of nickel
cobalt alloys. V. N. Baranov, I. A. D. Viskakov, I. A. S.
Umanitskiy. Metallurg 13 no. 4:22-25 no. 5:73-75 My '68.

Thermodynamic properties of alloys in the system Ni -
Al. V. N. Kremenkova, O. M. Lukashenko, V. R. Sidorko.
Izv. AN SSSR, Mol. no. 2:208-214 Mr-Apr '68.

Zinc and nickel content in some alloys of Tomsk Province.
G. I. Pashanova. Mikrochim. v. Sib. no. 5:35-37 '67.

669.26 Cobalt and cobalt alloys
Influence of a magnetic field on the properties of
UNDK35T6 alloy during the thermomagnetic treatment.
V. V. Sergeev and others. Metallurg 13 no. 4:22-25
no. 5:62-68 My '68.

Study of biochemical indices in the experimental effect
of some metals on the animal body. Report No. 3.
Experimental study of the effect of metallic cobalt on
some indices of protein-lipid metabolism following
respiratory poisoning. A. Kh. Adyrbayev, P. Z. Kha-
lilov. Trudy SOGM no. 18:103-107 '67.

Textures of the rolling and recrystallization of nickel
cobalt alloys. V. N. Baranov, I. A. D. Viskakov, I. A. S.
Umanitskiy. Metallurg 13 no. 4:22-25 no. 5:73-75 My '68.

669.26 Chromium and chromium alloys
Cathodic processes during chromium deposition from
fused electrolytes. S. N. Shkol'nikov, Kh. Kh. Sabirov.
Trudy LPI no. 272:35-42 '67.

Electrolytic deposition of chromium in fused salts using
a graphite anode. S. N. Shkol'nikov. Trudy LPI no. 272:
13-18 '67.

Electrolytic preparation of pure chromium from chromic
acid solutions with fluoride additions. B. P. Urov
and others. Trudy LPI no. 272:128-130 '67.

Electrolytic preparation of high-purity chromium from
chromic acid solutions. Report No. 1. Investigating
polarization curves and cathodic current efficiency
in chromic acid solutions. B. P. Urov, S. N. Shkol'ni-
kov, N. M. Strashinskaya. Trudy LPI no. 272:117-123
123 '67.

Influence of silicon on the phase composition of the
Kh21N5 alloy. T. V. Svyatunova and others. Metallurg 13
no. 4:22-25 no. 5:62-68 My '68.

Structural transformations in Kh21N5 steel during tem-
pering. E. G. Feldgandler, I. A. Savkina, T. V.
Korotkova. Metallurg 13 no. 4:22-25 no. 5:62-68 My '68.

669.27 Tungsten and tungsten alloys
Effect of high emission from tungsten with films of
certain tantalum. O. V. Semenov, S. P. Gorilenko,
I. A. Podchernikova. Elek. obr. mat. no. 1:56-57 '68.

669.28 Molybdenum and molybdenum alloys
Contact interaction of molybdenum with zirconium
borhydride. A. S. Panov and others. Izv. AN SSSR, Mol.
no. 2:235-237 Mr-Apr '68.

Electron beam smelting of molybdenum in a controlled
atmosphere. T. N. Zagorskaya, G. F. Ivanovskiy,
T. K. Iakovich. Izv. AN SSSR, Mol. no. 2:132-137
Mr-Apr '68.

677(430)—Poland
Textile machine building in Poland. B. O. Diakle. Tekst. prom. 27 no. 12:15-17 D '67.

677(471, 22)—Karelian S. S. R.
Problems in the hosiery trade. I. Kiklov, B. Paldier, Ser. potreb. kooper. 12 no. 4:11-15 Apr '68.

677(471, 310)—Moscow City
Centralized accounting offices in industry. S. Bobyr, Buhg. uch. 27 no. 5:10-16 May '68.

677(474, 5)—Lithuanian S. S. R.
Study of the fatigue of warp-knit fabrics on a rotary pialator. A. P. Stupela. Izv. vys. uchob. zav., tekhn. leg. prom., no. 9:11-16 '67.

677(479, 25)—Armenian S. S. R.
It is for you, the worker. Prom. Arm. 10 no. 11:63 '67.

677(497, 2)—Hungary
Experience in the use of P-105 lumps in Bulgaria. A. S. Manukhin. Tekst. prom. 27 no. 12:34-35 D '67.

677(575, 1)—Uzbek S. S. R.
Increase the production of synthetic fibers. Kh. Mukhammedov. Ekon. i zhizn' 10 no. 1:32-31 Jan '68.
The new goods. V. Petrov. Ekon. i zhizn' 10 no. 1:65 Jan '68.

678 Macromolecular materials. Rubbers and plastics
Absorption of acrylic polyesters on glass. T. M. Tolenski and others. Vysokom. soed. 8 no. 11:1501-1504 N '66.
Aging of some plastics under various climatic conditions. N. F. Pavlov, Z. A. Akopdzhanian. Plast. massy no. 5:72-75 '68.
Alkylation of phenol by diallylbenzenesulfonate ethylene. K. I. Kuleenko and others. Plast. massy no. 5:49-50 '68.
Bases for predicting the durability of elastic plastics and welded joints made of them. N. R. Rastvor, I. I. Brokhin, M. G. Iudin. Plast. massy no. 5:66-70 '68.
Basic principles of the price formation for rubbers, plastics and their products. M. P. Lukovlev. Plast. massy no. 5:67-69 '68.
Change of molecular weight during the process of cationic polymerization in trioxane in the solid phase. E. V. Pina, N. S. Enikolopov. Vysokom. soed. 8 no. 11:1505-1507 N '66.
Classification of systems polymer - solvent. S. P. Papkov, S. G. Elmova. Vysokom. soed. 8 no. 11:1504-1509 N '66.
Comparison of some experimental methods of determination of molecular weight distribution in polymers. L. V. Babrova, S. A. Pavlova, V. V. Korshak. Vysokom. soed. 8 no. 11:1505-1509 N '66.
Crystallization of polyvinylchloride rubber. G. I. Slonimskii, V. H. Levin. Vysokom. soed. 8 no. 11:1508-1511 N '66.
Diffusion and viscosity in the polymer - solvent systems. B. M. Vengulin, A. E. Chalykii. Vysokom. soed. 8 no. 12:2091-2099 D '68.
Hysteresis in the systems polymer - solvent. A. E. Chalykii, B. M. Vengulin. Vysokom. soed. 8 no. 11:1508-1510 N '66.
Effect of coagulation conditions and orientational stretching on dimensions of structural elements and physicochemical properties of cellulose hydrate fibers. A. T. Sarkov. Vysokom. soed. 8 no. 12:2041-2045 D '68.
Effect of concentration and phase state of structure formation nuclei on the dimensions of spherulites and properties of isotactic polypropylene. V. A. Kargali, T. I. Segolova, I. I. Kurianova. Vysokom. soed. 8 no. 12:2104-2111 D '68.
Effect of fillers on the degree of ordering of polyacrylonitrile studied by means of infrared spectroscopy. V. P. Solomko, V. V. Nyzhnyk, V. M. Zhartovskiy. Dop. AN URSS, Ser. II, 30 no. 3:277-280 Apr '68.
Effect of initial structure of polymer on the process of stress relaxation. L. Z. Nogovino, G. L. Slonimskii. Vysokom. soed. 8 no. 12:2046-2052 D '68.
Effect of nuclei of structure formation on mechanical thermodynamic properties of polymer coatings. L. A. Sakharova, V. A. Voronkov, P. I. Zubov. Vysokom. soed. 8 no. 11:1507-1509 N '66.
Effect of steric factor on the dielectric relaxation of copolymers of methyl acrylate with α -methylstyrene. G. P. Shkharlov and others. Vysokom. soed. 8 no. 12:2181-2188 D '68.
Effect of structure-forming agents on the properties of polyolefins. V. A. Kargin and others. Vysokom. soed. 8 no. 12:2097-2103 D '68.
Effect of sulfur cross-linking on the recombination of radicals in irradiated elastomers. III. I. Kovalenko, A. S. Kuz'minskii, T. S. Fedoseeva. Vysokom. soed. 8 no. 12:2150-2154 D '68.
Effect of the nature of pendant groups on the adhesive properties of vinylpyrrolidone latexes. I. L. Simurak, II. V. Zina. Vysokom. soed. 8 no. 12:2065-2068 D '68.
Effect of the nature of solvents and "backbone" on grafting of lithium-polyisoprene to polyethyl methacrylates. G. A. Andreeva and others. Vysokom. soed. 8 no. 12:2159-2165 D '68.
Effect of the polymer fraction of thermolyzed anthracene containing paramagnetic centers on the course of low temperature thermolysis of anthracene and blontryl. A. A. Ierlin, V. A. Grigorovskaya, V. E. Skurat. Vysokom. soed. 8 no. 11:1576-1583 N '66.
Effect of various factors on the stability of synthetic latexes at low temperatures. Strengthening of protective layers with hydrophilic polymers formed in the synthesis of latexes. A. I. Fazolev and others. Koll. zhur. 30 no. 1:31-36 Jan '68.
Elasticity and creep of the glass reinforced plastic 27-63C at elevated temperatures. G. I. Bryzgalin. PMTF no. 2:131-134 Mr.-Apr '68.

Ethication of the thickness of "adsorbed" layer of polymers on solid surface. III. S. I. Malinskii and others. Vysokom. soed. 8 no. 11:1596-1599 N '66.
Features of the test effects during polyurethane deformation. III. I. Kureta, II. S. Igafor, S. V. Sereda. Dop. AN URSS, Ser. B, 30 no. 3:255-258 Apr '68.
Glass ionomers based on epoxy organosilicon resins. V. I. Pakhomov and others. Plast. massy no. 5:48-49 '68.
Graft copolymers of polyester of allylphosphiny dichloride and diphenylpropane with methyl methacrylate and styrene. M. F. Sorokin, I. Manovich. Vysokom. soed. 8 no. 12:2112-2116 D '68.
Hydrolytic processes of thermal degradation of isomeric aromatic polyamides. E. I. Krasnot, V. I. Logunova, I. I. Solovov. Vysokom. soed. 8 no. 11:1570-1575 N '66.
Kinetic features of vapor-phase graft polymerization on acrylonitrile on a capron fiber. A. A. Kachan. Vysokom. soed. 8 no. 12:2144-2147 D '68.
Kinetics of absorption of vapors of organic substances by polymers. R. M. Vasenin, I. V. Chernova. Vysokom. soed. 8 no. 11:2067-2071 N '66.
Kinetics of accumulation of free radicals in irradiated polyvinyl chloride. L. A. Tikhomirov, N. I. A. Ruben. Vysokom. soed. 8 no. 11:1581-1585 N '66.
Kinetics of graft copolymerization in homogeneous and heterogeneous media. V. A. Danel'tan. Vysokom. soed. 8 no. 11:1586-1570 N '66.
Material simulation for increasing production quality in the tire industry. N. Sh. Zolotarev. Stand. i kach. 32 no. 1:68-67 Jan '68.
Mechanism of the protective effect of photostabilizers of polymers. A. P. Pirovov, A. F. Lukovnikov. Khim. i ya. energ. 2 no. 3:226-227 May '68.
Melting and crystallization of polymers by the thermomechanical method of audio frequencies. G. V. Vinogradov and others. Vysokom. soed. 8 no. 12:2072-2076 D '68.
Methods for developing injection parts of ceiling machines. K. L. Kalitchev, E. I. Miriam, E. I. Zhukovskaya. Plast. massy no. 6:51-55 '68.
Methods for substituting natural fatty acids with synthetic ones. I. M. Miloserdov and others. Neftepr. i neftekhim. no. 4:33-34 '68.
Modification of the surface of glass fibers by radiation-chemical method. R. S. Klimanova, V. K. Sergeeva, V. I. Seleznev. Plast. massy no. 5:33-35 '68.
Newton's viscosity of concentrated solutions of polystyrene and polyethylene. V. E. Drevai and others. Vysokom. soed. 8 no. 11:1571-1574 N '66.
Obtaining and investigating the properties of highly dispersed silicate fillers. E. N. Bul'manova, G. S. Kladakov. Stor. trad. VNIINSM no. 15:38-43 '67.
Pathogenic properties of some foam plastics. T. A. Koshelkov, S. N. Krasnecov. Tekh. nov. prom. khim. veshch. no. 3:101-100 '67.
Photochemical degradation of polyarylates containing a sulfonic group in the chain. S. R. Ilyukov and others. Vysokom. soed. 8 no. 12:2183-2184 '68.
Polyester in ethane block-copolymers based on oxylene-containing polyesters and their dynamic mechanical properties. A. G. Sinitskii and others. Vysokom. soed. 8 no. 12:2125-2130 D '68.
Polymers and foam improvement. I. Barkan, V. Novikovskii, S. Goni. NTO 10 no. 5:16 May '68.
Process of thermal degradation of polyvinylchloride. II. M. Aseeva and others. Vysokom. soed. 8 no. 12:2171-2175 D '68.
Production and properties of fibers obtained from cord threads of wool fibers. S. N. I. An, K. A. Arkhangelskii, I. I. Tigov. Stor. nauy. rab. NIKI no. 17:200-211 '61.
Production of synthetic latexes using nonionic surface active substances as emulsifiers. V. N. Beresnev, I. A. Yermolov, K. I. Smirnov. Zhur. prikl. khim. 41 no. 1:160-167 Jan '68.
Products of thermooxidative degradation of polyformaldehyde. A. B. Blumensfeld, M. B. Neiman, B. M. Kover-shko. Vysokom. soed. 8 no. 11:1590-1590 N '66.
Protaganda of the new technology. Z. I. Sokolova. Plast. massy no. 5:76-78 '68.
Properties of BFR-2 and BFR-4 glasses. G. S. Iosadskii, I. B. Radtsig, M. A. Chernykhskaya. Plast. massy no. 5:64-65 '68.
Preparation of polyformaldehyde with stabilized supermolecular structure. M. S. Akulin and others. Vysokom. soed. 8 no. 12:2053-2059 D '68.
Protection from corrosion by polymer materials. S. V. Mazur and others. Plast. massy no. 5:63-64 '68.
Radiation induced polyvinylchloride degradation in heptane solutions. V. I. Likhovitski and others. Vysokom. soed. 8 no. 11:1572-1575 N '66.
Relaxation behavior of some polyamides and polyesters (polyarylates). A. A. Aekodskii and others. Vysokom. soed. 8 no. 12:2131-2138 D '68.
Relaxation processes during the processing and application of plastics. I. G. Batelova, I. F. Kanavova. Plast. massy no. 5:60-63 '68.
Scattering of polarized light by polymer systems containing spherulites. V. G. Baranov. Vysokom. soed. 8 no. 12:2117-2124 D '68.
Structural changes during stretching of oriented polyethylene films. M. V. Pantelev, I. A. Tsvankin, O. F. Shlenkii. Vysokom. soed. 8 no. 12:2060-2064 D '68.
Structural modification of the properties of polyamide fibers. N. V. Mikhailov and others. Vysokom. soed. 8 no. 12:2077-2081 D '68.
Structure of chlorinated ethylene-propylene elastomer. T. S. Natsberg and others. Dokl. AN Azorb. SSR 23 no. 10:77-79 '67.
Structure of the polychloride plastic rubber mixtures with indone caramarone resins. V. S. Fedoseeva, L. O. Gryzlova, K. L. Sirokova. Stor. trad. VNIINSM no. 15:32-35 '67.
Study of the characteristics of polymer fabric cooling in the process of the formation of fibrous structures. Report No. 1. N. V. Pavlovich, S. I. Skripnik. Izv. vys. uchob. zav., tekhn. leg. prom., no. 8:52-59 '67.
Study of 3, 6-anhydrocellulose and its derivatives by means of infrared spectroscopy. V. P. Komar and others. Vysokom. soed. 8 no. 11:1572-1577 N '66.

Supramolecular structure of the polyacrylate cellulose with acrolein. G. V. Shchegolev. Vysokom. soed. 8 no. 12:2047-2071 D '68.
Swelling of cellulose diacetate films. S. P. Papkov, S. G. Elmova. Vysokom. soed. 8 no. 11:1580-1580 N '66.
Swelling of filled styrene copolymers. M. U. S. Igafor, I. M. Sergeeva. Vysokom. soed. 8 no. 11:1580-1580 N '66.
Technological and economic effectiveness of utilization of heat systems during production of vinylchloride. N. V. Orlov, I. I. Kargin, I. I. Kargin. Prom. ukr. no. 3:16-19 May '68.
Thermal degradation of polyhydroxyethyl methacrylate and others. Vysokom. soed. 8 no. 12:2143 D '68.
Thermal effects of the solution of plastic materials. T. B. Korotkova, V. A. Ilyukov. Vest. Mosk. un. Ser. 2:Khim. 21 no. 3:1-3 Apr '68.
Thermographic study of gutta-percha. B. A. Fel'dshbaum, N. P. Annulina. Vysokom. soed. 8 no. 12:2176-2180 D '68.
Thermomechanical properties of thin films. N. I. Nal'mark, B. A. Fomenko. Vysokom. soed. 8 no. 12:2088 D '68.
Using the "composition and properties" method in studying the mechanism of interaction of an adhesive system. V. I. Akulin. VNIINSM no. 15:74-85 '67.

678(477, 8)—Western Ukraine
Experience in adopting plastic materials at the Autobus Plant. K. K. Andrian, T. A. Krasnecov. 27 no. 7:44-46 Jan '68.

678.4 Rubbers and natural macromolecules
Thermographic study of gutta-percha. B. A. Fel'dshbaum, N. P. Annulina. Vysokom. soed. 8 no. 12:2176-2180 D '68.

678.5 Plastics
Basic principles of the price formation for their products. M. P. Lukovlev. Plast. massy no. 5:57-59 '68.
Broadest utilization of plastics in the repair of Voasodin. Ryb. khoz. 44 no. 3:27-28 Jan '68.
Change of molecular weight during the process of polymerization of trioxane in the solid phase. E. V. Pina, N. S. Enikolopov. Vysokom. soed. 8 no. 11:1505-1507 N '66.
Chemical Day. I. P. Viankin, G. N. Zhukovskaya. Plast. massy no. 5:3-4 '68.
Conducting anisotropic structures in polymers. V. E. Gull, M. G. Galitskova. Koll. zhur. 30 no. 1:31-36 Jan '68.
Design of heat insulation made of plastic films. II. L. Morozov. Vysokom. soed. 8 no. 11:1571-1574 N '66.
Effect of residual deformations of plastic films on direct and inverse piezoelectric effect. I. A. Kargin. Trudy RILIT no. 57:33-37 '68.
Effect of the delay time on the mechanical properties of plastic parts. A. I. Mordukhai, Z. I. Izv. vys. uchob. zav., tekhn. leg. prom., no. 8:52-59 '67.
Glass-reinforced plastics used in various types of feedwater in heating systems. II. I. Koshelkov, Shorokov. Energomareshintimpr. 11 no. 1, Apr '68.
Interaction of polyacrylonitrile with aromatic chloric acid, buffer solution, in water. R. I. Fel'dshbaum. Koll. zhur. 30 no. 1:31-36 Jan '68.
Investigation of antifriction properties of plastic materials for all kinds of bearings in water media. I. U. A. Evdokimov, A. P. Koshelkov. Vysokom. soed. 8 no. 12:2053-2059 D '68.
Plastic yaws. A. I. Ivanov, K. K. Maslov. Stora. Sakharskaya 50 no. 5:40-47 '68.
Polymers, V. N. and V. I. Dyrcik. (Nizhnyak) Poliamid v gornom slo. Moskva, Nedra, 123 p.
Pressing plastic. A. Oriskina. Izv. tekhn. i energ. 10:1-10 '68.
Production of thermooxidative degradation of polyethylene. A. B. Blumensfeld, M. B. Neiman, B. M. Kover-shko. Vysokom. soed. 8 no. 11:1590-1590 N '66.
Properties of polyformaldehyde with stabilized supermolecular structure. M. S. Akulin and others. Vysokom. soed. 8 no. 12:2053-2059 D '68.
Selecting materials for pressure elements of gas of film projectors. I. M. Hase, I. I. Shiroglin. Tekhn. i energ. 12 no. 1:1-11 '68.
Structural and economic effectiveness of reinforced plastics in the chemical industry. Koshelkov. Khim. prom. 44 no. 4:60-63 Jan '68.
Theoretical and experimental investigation of the distribution between plastic bearings and plastic imperfect friction conditions. II. A. Koshelkov. RILIT no. 57:38-51 '68.
Twenty-fifth anniversary of the Moscow Research Institute of Plastics. A. A. Pantelev. Plast. massy no. 6:6-10 '68.
Hints for crumpling plastic materials. A. M. Grinblat. Tekhn. i energ. 12 no. 1:1-11 '68.
Use of polymeric materials for the protection against cavitation and erosion. V. I. Kargin, I. I. Kargin, I. I. Kargin. Vysokom. soed. 8 no. 11:1576-1583 N '66.
Use of vinyl esters of aliphatic dicarboxylic acids in the production of glass reinforced plastics. S. P. Papkov and others. Khim. prom. Ukr. no. 3:16-19 May '68.

Welding of polyethylene films. A. E. Gur'yanov. *Gidrot. stroi.* 17 no. 6:60-61 '67.

Increase the production of synthetic fibers. Kh. Mukhammedov. *Ekon. i zhizn'* 10 no. 1:32-33 Ja '68.

678.6 Synthetic polycondensates: resins, fibers, etc.

Automation of the periodic process of the production of phenol-formaldehyde resins. V. P. Volovik, V. S. Zimkovskaya, V. I. Strel'tsov. *Plast. massy* no. 5:55-56 '68.

Catalytic activity of some lead compounds in the formation of polyurethanes. G. N. Marchenko, S. F. Golobin, G. Ia. Smerlin. *Vysokom. soed.* 8 no. 12:2087-2090 D '66.

Chemical modification of epoxy resins. I. M. Gurnan and others. *Plast. massy* no. 5:24-26 '68.

Development of the "lock" during extension of polyamide samples with differing deformation rates. F. P. Uellankin, V. I. Zhabitskiy, Prikl. mekh. 4 no. 3:55-58 Me '68.

Device for testing tensile deformation of plastics. E. I. Ginkhova, A. V. Sieton. *Plast. massy* no. 5:70-72 '68.

Effect of epoxide resins on the properties of carbide-formaldehyde resins. O. A. Tarakhimov. *Plast. massy* no. 5:47-48 '68.

Effect of fillers on the degree of curing of polycondensates studied by means of infrared spectroscopy. V. P. Solomov, V. V. Nizhnyy, V. M. Zharova. *Khim. i prikl. anal. i zhizn'* 30 no. 3:277-280 My '68.

Glass (epoxide) based on epoxy organosilicon resins. V. I. Pakhomov and others. *Plast. massy* no. 5:48-49 '68.

Graft copolymers of polyether of allylphenyl dichloride and diphenylpropane with methyl methacrylate and styrene. M. F. Sorokin, I. Manovich. *Vysokom. soed.* 8 no. 12:2112-2116 D '66.

Hardening of epoxide resins by di- and polyamines of the aliphatic-aromatic series. S. R. Rafikov, M. M. Tarnitskiy, R. A. Zharova. *Izv. AN Kazakh. SSR. Ser. khim.* 16 no. 3:48-54 Ji-S '66.

Kinetic processes of thermal degradation of isomeric aromatic polyamides. E. P. Kravtsov, V. I. Luginova, E. I. Sokolov. *Vysokom. soed.* 8 no. 11:1170-1176 S '66.

Interaction of epoxy and polyester resins with glass fibers. L. I. Golitsenkov and others. *Plast. massy* no. 5:36-37 '68.

Investigating the deformation of cast polyamide bearings with the aid of ultrasonic gauges. B. A. Shpil'skiy. *Trudy TsNII. Prikl. mekh.* 10 no. 3:78-80 '67.

Kinetic features of vapor-phase graft polymerization on acrylonitrile on a capron fiber. A. A. Kachan. *Vysokom. soed.* 8 no. 12:2141-2149 D '66.

Kinetics of polycondensation of terephthalyl chloride and ethyl chloride with diols in dioxane solution. R. P. Tiger, V. V. Evsteev, S. G. Melnik. *Vysokom. soed.* 8 no. 12:2050-2055 N '66.

Modified phenoplasts. L. V. Pavzner. *Plast. massy* no. 5:21-23 '68.

Oxidation on the surface of grounds by polyimide film. A. I. Mamonov, V. M. Chelakov. *Trudy VNIIT-Merz.* no. 20 pt. 2:63-76 '66.

Phenol-oxazoline molding materials. K. D. Polov, O. I. Ostomova. *Plast. massy* no. 5:31-32 '68.

Photochemical degradation of polyarylates containing a sulfone group in the chain. S. R. Rafikov and others. *Vysokom. soed.* 8 no. 12:2189-2191 D '66.

Polyester-urethane block-copolymers based on styrene-containing polyesters and their dynamic mechanical properties. A. G. Shalitskiy and others. *Vysokom. soed.* 8 no. 12:2125-2130 D '66.

Polyimides and polyurethimides, new thermally stable materials. K. M. Vinogradov and others. *Plast. massy* no. 5:15-16 '68.

Preparation of polyimide-arylates by the interchain reaction of molten polymers. V. V. Kuratkin and others. *Vysokom. soed.* 8 no. 12:2155-2158 D '66.

Relaxation behavior of some polyimides and polyesters (polyarylates). A. A. Askaraliy and others. *Vysokom. soed.* 8 no. 12:2131-2138 D '66.

Resorcinol-aldehyde resins. M. A. Stal'nova, V. I. Ralovskaya. *Plast. massy* no. 5:27-30 '68.

Structural modification of the properties of polyamide fibers. N. V. Mikheev and others. *Vysokom. soed.* 8 no. 12:2077-2081 E '66.

Study of the glueing properties of a synthetic glue made from polyacrylonitrile and recombinants for its use. I. I. Grishin, V. F. Grishin, V. F. Fedorova. *Izv. vye. ucheb. zav. i tekhn. leg. prom.* no. 9:153-156 '67.

Studying the process of the evaporation of low-molecular compounds made of capron crumb in a fluidized bed with application of a high frequency electric field. O. I. Kremnev and others. *Elek. obr. mat.* no. 3:38-41 '68.

Synthesis and study of polyhydrazides based on thiolalcolic acid. M. V. Mukhtova, I. A. Postovskiy. *Vysokom. soed.* 8 no. 11:1928-1931 N '66.

Synthesis and study of the properties of polyamides based on thiolalcolic acid. M. V. Mukhtova, I. A. Postovskiy. *Vysokom. soed.* 8 no. 11:1928-1931 N '66.

Technology of synthesizing oxygen-containing polyfunctional compounds from liquid paraffinic hydrocarbons. A. A. Bogdanov and others. *Neft' i neftekhim.* no. 5:29-32 '68.

Thermal degradation of polyborondimethylsiloxanes. M. A. Verkhov and others. *Vysokom. soed.* 8 no. 12:2130-2143 D '66.

Thermal resistance of the copolymers of unsaturated polyesters with styrene. Z. V. Mikhailova, P. Z. Li, L. N. Sedov. *Plast. massy* no. 5:38-42 '68.

Thermooxidizing destruction of polyethylene terephthalate. H. M. Kovarskaya. *Plast. massy* no. 5:42-46 '68.

Thermooxidizing casting material based on phenol-formaldehyde resin. A. L. Peshokionova and others. *Plast. massy* no. 5:10 '68.

Toxic properties of the product 40-A (solidifier of epoxy resins). N. I. Shumakova and others. *Toks. nov. prom. khim. vobch.* no. 9:132-145 '67.

Toxicity of resin "80." N. I. Shumakova, G. V. Muravleva. *Toks. nov. prom. khim. vobch.* no. 9:126-132 '67.

678.7 Synthetic polymerized rubbers, resins, etc.

Adsorption of acrylic polyesters on glass. T. M. Polnitskiy and others. *Vysokom. soed.* 8 no. 11:1991-1994 N '65.

Behavior of polyvinyl alcohol in aqueous solutions at various temperatures. V. Ia. Krutkova, O. M. Klimova, U. S. Gerasova. *Izv. vye. ucheb. zav. i tekhn. i khim. tekhnologiya* 10 no. 12:1345-1348 '67.

Choice of the design of a joint in welded pressure pipes made of high compaction polyethylene. *Energ. stroi.* no. 12:34-36 '67.

A dam with polyethylene membrane on the Kara-Sa river. L. A. Tokachev, I. E. Krutchevskiy, V. B. Sudakov. *Gidrot. stroi.* 37 no. 11:20-21 N '66.

Determination of the degree of the interaction of a filler and resin in PVC compositions based on the kinetics of dissolution. V. S. Gorshkov, L. O. Gryzlova, N. I. Strutkina. *Stor. irod. VNIINSM* no. 15:30-32 '67.

Drying and activating adhesive matrix films by infrared rays. Report No. 3. V. V. Bezobov, M. P. Kuznetsov. *Izv. vye. ucheb. zav. i tekhn. leg. prom.* no. 6:109-114 '67.

Effect of anythotic latexes in a mass with vulcanizates and the study of dyed systems. B. I. Bolov and others. *Stor. nauch. i tekhn. irod. VNIINSM* no. 17:241-249 '61.

Dynamic mechanical properties of modified polyvinylchloride. L. I. Porpechko and others. *Plast. massy* no. 5:11-12 '68.

Effect of a plasticizer on the structure of polyvinyl chloride in suspension. A. L. Strutkina. *Stor. irod. VNIINSM* no. 15:27-30 '67.

Effect of concentration and phase state of structure formation nuclei on the dimensions of application and properties of isotactic polypropylene. V. A. Kargin, T. I. Sogolova, I. I. Kutanova. *Vysokom. soed.* 8 no. 12:2104-2111 D '66.

Effect of fillers on the thermomechanical properties of plasticized polyvinyl chloride. T. S. Bal. *Stor. irod. VNIINSM* no. 15:7-11 '67.

Effect of amino and dispersity of a filler and the method of introducing components on the hardness of PVC compositions. L. I. Edel'man. *Stor. irod. VNIINSM* no. 15:15-21 '67.

Effect of steric factor on the dielectric relaxation of copolymers of methyl acrylate with α -methylstyrene. G. P. Kikhovitskiy and others. *Vysokom. soed.* 8 no. 12:2181-2188 D '66.

Effect of structure-forming agents on the properties of polyolefins. V. A. Kargin and others. *Vysokom. soed.* 8 no. 12:2097-2103 D '66.

Effect of the conditions of strengthening on viscous and elastic properties of films made from polyvinyl alcohol. A. M. Stal'evich. *Izv. vye. ucheb. zav. i tekhn. leg. prom.* no. 6:31-33 '67.

Effect of the nature of pyridine groups on the adhesive properties of vinylpyridine latexes. L. E. Shumakov, R. V. Usina. *Vysokom. soed.* 8 no. 12:2005-2008 '66.

Effect of the nature of solvent and "backbone" on grafting of lithium-polyethylene to polyalkyl methacrylates. G. A. Andreeva and others. *Vysokom. soed.* 8 no. 12:2159-2165 D '66.

Effect of film production method on the physicochemical properties of polyvinylchloride films. Report No. 1. O. V. Lipitskiy, M. S. Nigmatyeva, V. S. Matskova. *Izv. vye. ucheb. zav. i tekhn. leg. prom.* no. 6:43-45 '67.

Electrolytic precipitation of aqueous dispersions of polyvinyl acetate. A. E. Koylov, I. S. Lavrov, N. M. Rukman. *Zhur. prikl. khim.* 41 no. 11:114-118 Ja '68.

Emulsion polymerization of isoprene. B. K. Basov and others. *Izv. vye. ucheb. zav. i tekhn. i khim. tekhnologiya* 10 no. 11:1274-1278 '67.

Experiment in producing halothene rubbers by the use of a fibrous filter. G. I. Blokh and others. *Izv. vye. ucheb. zav. i tekhn. leg. prom.* no. 6:63-69 '67.

Fine purification of vinyl fluoride containing acetylene and difluoromethane impurities. Kh. E. Gamarov, A. A. Idrisbaev, G. S. Dordina. *Zhur. prikl. khim.* 41 no. 1:128-130 Ji '68.

Formation of ester bonds in the process of thermal treatment of fibers made from polyvinyl alcohol and polyacrylic acid mixtures. V. G. Oleinikov and others. *Khim. prom. Ukr.* no. 3:13-16 My '68.

Forming extruding fibers with polyvinyl chloride copolymers. V. S. Indeeva, V. I. Mandrukova. *Stor. irod. VNIINSM* no. 15:70-73 '67.

Graft copolymers of polyester of allylphenyl dichloride and diphenylpropane with methyl methacrylate and styrene. M. F. Sorokin, I. Manovich. *Vysokom. soed.* 8 no. 12:2112-2118 D '66.

Graft polymerization of styrene on polypropylene. A. I. Kuratkin, V. P. Davlov, V. A. Temnikova. *Vysokom. soed.* 8 no. 11:2074-2078 E '66.

Improved tool for the contact welding of polyethylene pipes. S. V. Eshtakov. *Vud. i nau. tekhn.* no. 7:19-22 Ji '67.

Investigating the destruction of polymeric building materials during ignition. V. S. Smirnov, O. E. Dubov. *Stor. irod. VNIINSM* no. 15:40-50 '67.

Investigating the rheological properties of polyvinyl chloride compositions with various fillers. V. S. Indeeva, V. S. Gorshkov, T. M. Shapiro. *Stor. irod. VNIINSM* no. 15:3-7 '67.

Kinetic study of copolymerization of ethylene and propylene on unstable complex catalysts. A. P. Firov and others. *Vysokom. soed.* 8 no. 11:1860-1865 N '66.

Kinetics of accumulation of free radicals in irradiated polyvinyl chloride. L. A. Tikhonov, N. A. Babun. *Vysokom. soed.* 8 no. 11:1881-1885 N '66.

Mechanism of the protective effect of photosensitizers of polymers. A. P. Pivovarov, A. F. Lukonikov. *Khim. vye. energ.* 2 no. 3:220-227 My-Je '68.

Methods for determining the saturation of porous vulcanized rubbers. F. D. Zhilovskaya, A. M. Sambaraki. *Stor. irod. VNIINSM* no. 15:128-129 '67.

A millonetro. V. A. Popov. *Prom. Arm.* 10 no. 11:11 '67.

Newton's viscosity of concentrated solutions of polystyrene and polyethylene. V. E. Drevat and others. *Vysokom. soed.* 8 no. 11:1871-1874 N '68.

Obtaining adducts of a modified polyvinyl alcohol fiber and organosilicon compounds on a basis of diene synthesis. I. M. Seregin and others. *Zhur. prikl. khim.* 41 no. 1:228-229 Ja '68.

Polymerization and copolymerization of substituted methacrylates. A. I. Volkova and others. *Vysokom. soed.* 8 no. 11:1987-1989 S '66.

Polymerization of α -methylstyrene with naphthylanthranil A. A. Korolov, A. F. Pald'skiy. *Vysokom. soed.* 8 no. 11:1952-1958 N '66.

Polymerization of diketene in solid and liquid phases initiated by magnesium. E. S. Shulgina and others. *Vysokom. soed.* 8 no. 11:1942-1951 N '66.

Possible effectiveness of mixing resins with fillers in jet apparatus. G. S. Khndakov, E. N. Boitova. *Stor. irod. VNIINSM* no. 15:24-27 '67.

Process of thermal degradation of polyvinylchloride. R. M. Azeeva and others. *Vysokom. soed.* 8 no. 12:2171-2175 D '66.

Properties of butyl rubber diaphragms. Effect of emulsifier on the properties of diaphragms. G. R. Maslennikov and others. *Khim. i zhizn'* 30 no. 1:70-74 Ja-F '68.

Properties of solutions of low molecular polyvinyl acetate. Z. Kh. Kuznetsova, P. A. Bekasova. *Izv. AN Kazakh. SSR. Ser. khim.* 16 no. 4:41-45 O-D '66.

Properties of the materials based on polyethylene and polyisobutylene. V. I. Serenkov and others. *Plast. massy* no. 5:13-14 '68.

Proton resonance in dehydrated polyvinyl alcohol fibers. L. A. Volkova and others. *Izv. vye. ucheb. zav. i tekhn. i khim. tekhnologiya* 10 no. 11:1267-1269 '67.

Radiation induced polyisobutylene degradation in heptane solution. V. I. Likhovitskiy and others. *Vysokom. soed.* 8 no. 11:1932-1935 N '66.

Soldov. N. M. [New ethylene and propylene-base synthetic rubber]. *Novyi sinteticheskiy kauchuk na osnove etilena i propilena*. Baku, Azerneshir, 1968. 125 p.

Structural changes during stretching of oriented polyethylene films. M. V. Pantelev, D. A. Tsavankin, O. P. Shcheketil. *Vysokom. soed.* 8 no. 12:2063-2064 D '66.

Study of colored low molecular polyethylene terephthalates. A. N. Bykov and others. *Izv. vye. ucheb. zav. i tekhn. i khim. tekhnologiya* 10 no. 11:1270-1273 '67.

Study of aluminum filled with polyvinyl chloride compositions using ultraviolet microscopy. V. S. Indeeva, A. I. Kudrinskaya. *Stor. irod. VNIINSM* no. 15:21-24 '67.

Study of the use of foam plastics for the protection of grounds from seasonal freezing. A. I. Prtitskiy. *Trudy VNIIT-Merz.* no. 25 pt. 2:43-61 '68.

Study of 3, 6-anhydronellurone and its derivatives by means of infrared spectroscopy. V. P. Kuznetsov and others. *Vysokom. soed.* 8 no. 11:2612-2617 N '66.

Synthesizing the process of gas formation by hydrogen-gas chromatography in the production of porous latex films. K. A. Polikova and others. *Izv. vye. ucheb. zav. i tekhn. leg. prom.* no. 6:59-62 '67.

Swelling of filled styrene copolymers with divinylbenzene. U. S. Lipitskiy, L. M. Sergeeva. *Vysokom. soed.* 8 no. 11:1875-1880 N '66.

Technological and economic effectiveness of the neutralization of heat systems during processing of polyvinylchloride. M. V. Orlov, E. D. Kononchuk. *Khim. prom. Ukr.* no. 3:40-46 My-Je '68.

Thermogravimetric investigation of the composition of plasticized polyvinyl chloride with various fillers. V. S. Gorshkov and others. *Stor. irod. VNIINSM* no. 15:11-13 '67.

678.7(471.52)—Uzbek S.S.R.

Reorganization of acetylating in an endoperoxide. N. Shushiy, *Rukh. not* 27 no. 6:37-40 My '68.

678.7(470.25)—Armenian S.S.R.

Pledge of technical progress. S. Tumaniyan. *Prom. Arm.* 10 no. 9:10-12 '67.

678.8 Other macromolecular materials

Anionic polymerization and copolymerization of trialkyl vinyl derivatives of germanium and tin. S. A. Plac and others. *Vysokom. soed.* 8 no. 11:1800-1804 N '66.

Condensation of α, ω -dihydrodimethylsiloxane with oligomers of the allylphenylsiloxane series. K. A. Andrianov, A. I. Nogaideli, B. Sh. Tskhalashvili. *Vysokom. soed.* 8 no. 11:1917-1919 N '66.

Crystallization of polydimethylsiloxane rubber. G. I. Shalitskiy, V. I. Levin. *Vysokom. soed.* 8 no. 11:1936-1941 N '66.

A determination of high-boiling methylphenylpolysiloxanes in a low-temperature column. B. M. Lukina, G. N. Turoktaub, S. V. Stasilev. *Zav. lab.* 33 no. 12:1490-1491 '67.

Kinetics of the formation of polymer films from the gas phase under the electron bombardment of metal anodes. A. K. Tsapuk and others. *Khim. vye. energ.* 2 no. 3:233-238 My-Je '68.

Pigmentary thickening agents for lubricants, oxidation inhibitors of polyolefins. R. I. Kozlova and others. *Khim. i tekhn. irod. i masol* 13 no. 5:26-27 '68.

Polymerization of mixed diphenyldimethylsiloxanes. K. A. Andrianov, S. E. Akhmedova, L. N. Guntava. *Vysokom. soed.* 8 no. 12:2166-2170 D '66.

Isolation between structure and properties of mixed alkyl vinyl esters of ethylphenylsiloxane in copolymerization. I. A. Kuznetsova and others. *Vysokom. soed.* 8 no. 11:1960-1964 N '66.

Use of organosilicon liquids in the refrigeration technology. I. I. Chumakov and others. *Khim. prom.* 9 no. 1:35-36 Ja '68.

678.9 Industries based on various processable materials

Dedukhin, V. G., and V. P. Stavrov. [Technology of molding and strength of glass-plastic wares]. *Tekhnologiya pressovaniya i prochnost' izdelii iz stekloplastikov*. Moskva, "Khimika," 1968. 135 p.

Miracy, B. G., I. V. Stupin, and I. V. Shiranikh. [Use of universal computers in nuclear spectrometry. Review] *Primenenie universal'nykh vychislitel'nykh mashin v yadernom spektrometrii. Obzor*. Moscow, 1966. 45 p. [MICROFILM]

A model of the optimum distribution of industry by regions and ways of simplifying it. V. A. Volkonskiy. *Ekon. i mat. metod.* 4 no. 3:153-165 Mr-Apr '68.

Modeling by means of computers. I. I. Lazarev. *Ekon. i mat. metod.* 4 no. 2:265-277 Mr-Apr '68.

Modeling the operations of a freight station using electronic digital computers. A. G. Sedykh. *Trudy MII* no. 246:122-134 '67.

Multichannel storage counters. L. A. Zhuraviev. *Pril. i tekhn. eksp.* no. 1:109-113 Ja-F '68.

Noncontact pickup for the detection and control of displacements of metal parts. I. S. Budyk. *Tekhn. i org. proizvod.* no. 3:90-100 My '68.

Numerical methods for solving some extremum problems in partial derivatives. T. I. Ivanova, B. T. Polukh, G. V. Polukh. *Vychisl. i prog.* no. 1:191-202 '67.

One method for combined transformation of machine alphabet to a visual one. V. S. Gusev. *Avtom. i telemek.* no. 4:149-154 Ap '68.

One method for increasing the effectiveness of a computer in engineering calculations. V. B. Kuzhakov. *Pril. i sist. avtom.* no. 5:61-71 '67.

Operational prognostication of coal extraction from deposits. B. M. Vorob'ev, M. I. Krut'kevich, I. V. Blaholo. *Izv. vuz. ucheb. zav.; gor. zhur.* II no. 3:41-46 '68.

Optimal analyzer in statistical systems for speech recognition. T. K. Vintuk. *Avtomatizatsiya* 13 no. 2:30-34 Mr-Apr '68.

Optimization of the search of analytical relations in spectral analysis. V. D. Ivanova, I. N. Taganov, K. I. Taganov. *Zhur. prikl. spektr.* II no. 3:197-204 Mr '68.

Optimizing the use of the computer memory. L. A. Klyuzer. *Vychisl. i prog.* no. 9:38-41 '67.

Optimum distribution of wells on a field section of underground waters under production. S. S. Romashov, and others. *Ekon. i mat. metod.* 4 no. 1:92-102 Ja-F '68.

Planning the performance of strip mine dump trucks with the aid of electronic digital computers. V. I. Yakovlev, E. P. Doronchenko. *Stroitel. iGD (Sverd.)* no. 13:43-51 '68.

Podol'skiy, V. I., S. E. Petrova, and V. B. Liberman. [Permanent punched cards in the management of an enterprise] *Postolaniye porokov v upravlenii predpriyatiem*. Moscow, "Ekonomsika," 1968. 63 p. (Rus. chika khoz. rukovoditel'ov)

Practical use of a computer in solving problems of integral linear programming. E. D. Tephtakli, B. I. U. I. *Ekon. i mat. metod.* 4 no. 2:248-251 Mr-Apr '68.

Principles of operation of a simplified system of optimum planning. M. G. Zavoitskiy. *Ekon. i mat. metod.* 4 no. 1:41-45 Ja-F '68.

Problems of working out a scheme for the dynamic model of inter-branch balance. I. P. Buranov. *Ekon. i mat. metod.* 4 no. 1:20-40 Ja-F '68.

Rational choice of a digital control computer. G. A. Koryanovskiy, S. A. Malinov. *Izv. vuz. ucheb. zav.; prib.* II no. 2:69-68 '68.

Recalling automation with an optical standard and electronic circuit converter. G. I. Glimf'larb and others. *Avtom. i telemek.* no. 3:180-183 Mr '68.

Realization of functionally complete systems in ten-valued logic. I. A. Vasilenko, N. A. Yakurina. *Pril. i mat. avtom.* no. 5:72-78 '67.

Recognition of a limited set of words. V. H. Zaitsev. *Avtomatizatsiya* 13 no. 2:35-41 Mr-Apr '68.

Refinement of the grammar classes serviced by algorithms for the definition of nouns. E. A. Zhogolov, V. Sn. Koutman. *Zhur. vychisl. i mat. fiz.* 8 no. 2:463-410 Mr-Apr '68.

Remote control system for exchanging information between a control computer and technological plants of industrial enterprises. M. L. Porinov, A. M. Pashchenikov. *Avtom. i telemek.* no. 4:120-130 Ap '68.

Results of studies of the stability of a long-distance power transmission line using analog computers. I. U. P. Kuznetsov, and others. *Trudy VNIIT* no. 20:100-117 '67.

The SIMPOL-64 language for programming in symbolic designations. I. A. Zhogolev, N. B. Lebedeva. *Vychisl. i prog.* no. 9:86-85 '67.

Selecting and arranging, with the help of a computer, the cranes necessary for the erection of the main building of a thermal power station. A. A. Gusev, V. G. Maler, M. S. Rozentfeld. *Energ. stroit.* no. 12:92-95 '67.

Selecting the parameters of kinetic equations according to experimental data. B. T. Polukh, V. A. Sakov. *Vychisl. i prog.* no. 9:167-176 '67.

Semiatomatic reading of graphic information. A. A. Dreier. *Meleor. i gidrol.* no. 6:101-104 My '68.

Seminar "Avtomatizatsiya programirovaniya." [Seminar "Automation of programming"; reports] Seminar "Avtomatizatsiya programirovaniya"; [doklady]. Kiev.

Vyp. 2. 1967. 96 p.

Vyp. 3. 1967. 108 p.

Seminar "Informatsionno-upravlyashchieslozhnoye." [Seminar "Informational control systems"; reports] Seminar "Informatsionno-upravlyashchieslozhnoye"; [doklady]. Kiev.

Vyp. 3. 1967. 98 p.

Seminar "Metody matematicheskogo modelirovaniya i teorii elektricheskikh tsopol." [Seminar "Methods of mathematical modeling and theory of electrical networks"; reports] Seminar "Metody matematicheskogo modelirovaniya i teorii elektricheskikh tsopol"; [doklady]. Kiev.

Vyp. 3. 1967. 131 p.

Vyp. 4. 1967. 98 p.

Seminar "Tekhnicheskie sredstva sistem obrabotki danykh, upravlyeniya i izmereniya." [Seminar "Technical means for data processing, control and measurements"; reports] Seminar "Tekhnicheskie sredstva sistem obrabotki danykh, upravlyeniya i izmereniya"; [doklady]. Kiev.

Vyp. 1. 1967. 90 p.

Vyp. 2. 1967. 88 p.

Seminar "Teoriya avtomatov." [Seminar "Machine theory"; reports] Seminar "Teoriya avtomatov"; [doklady]. Kiev.

Vyp. 3. 1967. 103 p.

Vyp. 4. 1967. 110 p.

Seminar "Upravlyashchieslozhnyesistemy." [Transactions of the seminar "Control computers and systems"] Trudy seminar "Upravlyashchieslozhnyesistemy." Kiev.

Vyp. 1. 1968. 96 p.

Seminar "Voprosy teorii elektronnykh tsifrovyykh matematicheskikh mashin." [Seminar "Problems of the theory of electronic digital computers"; reports] Seminar "Voprosy teorii elektronnykh tsifrovyykh matematicheskikh mashin"; [doklady]. Kiev.

Vyp. 3. 1967. 107 p.

Single-sector dynamic model and the calculation of coefficients for a plan of average time limit. B. N. Mikhailovskiy. *Ekon. i mat. metod.* 4 no. 1:3-25 Ja-F '68.

Slide rule of the engineer as a quality and reliability control. E. T. Amantulyan, I. G. Kufman. *Stroitel. iGD* 32 no. 1:54-55 Ja '68.

Solution of a problem of optimum control of an oil pipeline. A. V. Sleskin, P. A. Moroz. *Vychisl. i prog.* no. 9:157-158 '67.

Solving some problems of the dynamics of sucker-rod deep-well pump units using electronic digital computers. K. S. Alveratov, A. M. Kungorin. *Stroitel. iGD* 32 no. 6:10-32 Je '68.

Some optimal models simulating the functioning of the cells in hierarchy in the controlled economic system. V. M. Pashchenikov. *Ekon. i mat. metod.* 4 no. 2:179-190 Mr-Apr '68.

Some methods for solving extremum problems on economics and industrial management. V. G. Kuznetsov, T. I. Rudnev, B. T. Polukh. *Vychisl. i prog.* no. 9:14-17 '67.

Study of a digital state model of an analog-to-digital converter. V. M. Kirpichnikov, G. I. Mikhailovskiy. *Izv. vuz. ucheb. zav.; prib.* II no. 2:76-80 '68.

Study of converging transients in a sampled data system. I. Kh. Tsimmerman. *Izv. vuz. ucheb. zav.; prib.* II no. 2:33-35 '68.

Studying the effect of weak interlayers on stress and strains in a rock mass. R. M. Raspopov, K. K. Turovov. *Izv. VNIIG* 05:212-219 '67.

Summing up operation expenses by means of track construction using electronic digital computers. A. I. Kuvshinov. *Trudy MII* no. 246:50-73 '67.

Syntheses of optimized structures of switching devices with simultaneous composition of test tables. V. B. Gerasimov. *Avtom. i telemek.* no. 3:140-152 Mr '68.

A synchro machine. B. V. Kitchevskiy. *Vychisl. i prog.* no. 8:89-95 '67.

Two-coordinate converter for measuring rapidly changing voltage. K. V. Smirnov, G. P. Shlykov. *Uch. zap. PPI* no. 3:16-17 '66.

Two-cycle shift register. L. K. Samoilov. *Izv. vuz. ucheb. zav.; prib.* II no. 2:60-64 '68.

Use of an electronic structural model in studying the possibility of the origin of a subharmonic oscillation in compensated local networks. I. L. Muraviov. *Izv. AN SSSR. Energ. i transp.* no. 2:21-27 Mr-Apr '68.

The use of calculating machines and mathematical methods in the sociological study of legal problems. B. Khan-Magomedov, A. Vokhlov. *Sov. iust.* no. 11:22-23 Je '68.

Use of calculators for measuring pulsations of mechanical parameters of turbulent flows. M. P. Mikhlinov. *Vop. gidr.* no. 25:49-51 '68.

[Use of computers in power engineering] *Primenenie vychislitel'nykh mashin v energetike*. Post. red. V. A. Venikova. Moscow, "Energiya," 1968. 343 p.

Use of dynamic programming for solving some nonlinear extremum problems. O. S. Gorbachov. *Ekon. i mat. metod.* 4 no. 2:261-284 Mr-Apr '68.

Use of electronic computers in the interpretation of results of aeromagnetic surveys. O. M. Frolov. *Zhurnal Zoon.* no. 3:174-182 '65.

Use of linear programming methods in formulating an operational plan for compounding of commercial gasolines. M. B. Matyshev and others. *Khim. i tekhn. iust.* 11 no. 5:32-38 '68.

Use of manual punched cards in geology. On the results of the 2d All-Union Conference on the Certification and Efficiency of the Use of Manual Punched Cards. I. I. Vokorina. *Sov. geol.* II no. 6:149-161 Mr '68.

Use of the digital machines theory in structural synthesis of the block of adaptation of a discrete system for the collection and processing of information. A. S. Belitskiy. *Pril. i sist. avtom.* no. 5:54-60 '67.

Use of the "Dnepr-1" digital computer in the capacity of a spectrum analyzer. D. I. Iurashin, E. M. Naburny, G. B. Okladkovskiy. *Avtomatizatsiya* 13 no. 2:81-93 Mr-Apr '68.

Using electronic computers in the system of division of time. R. M. Kasimov. *Ekon. i mat. metod.* 4 no. 2:78-280 Mr-Apr '68.

Working out of an optimum setup for the transportation of sugarcane raw materials with the use of electronic computers. M. A. Horayemchuk, F. E. Lytvinskiy. *Khar. prom.* 9 no. 3:10-13 My-Jo '68.

Working out of technologically based norms of heat, power, and hydraulic resources for a matrix model of a technological, industrial and financial plan for a brewery. L. M. Blashchenko, I. O. Chorniatin, R. M. Lepko. *Khar. prom.* 9 no. 3:6-10 My-Jo '68.

Business accounting in departments of plant administration. M. Abramson, A. Ibratovskiy. *Vop. ekon.* no. 6:131-135 Ja '68.

681.2 Instrument making. Instrumentation

Disturbance torques of three-ring gyroscope bearings during vibrations. V. A. Matveev. *Izv. vuz. ucheb. zav.; prib.* II no. 2:91-96 '68.

Electromechanical systems based on EPP-04 device for measuring the relations of two continuous signals. E. A. Vinogradov, T. A. Shumakov. *Zhur. prikl. spekt.* 8 no. 5:870-874 My '68.

Errors of accelerometers due to transverse effect of the axis of sensitivity. E. G. Morozov. *Izv. vuz. ucheb. zav.; prib.* II no. 2:86-90 '68.

Interference rejection of a discrete data transmission system by signals with linear frequency modulation. D. I. Zaitsev, V. I. Zhuraviev. *Electrosvet* 22 no. 4:17-21 Ap '68.

Levin, I. A. [Handbook for designers of precision instruments] *Spravochnik konstruktora tochnykh priborov*. 3-o izd. Moscow, "Mashinostroenie," 1967. 743 p.

Magnetoelectric logometer. B. N. Sidlov. *Energ. i elek.* no. 1:33-24 Ja '68.

New instruments for biophysical research. I. A. Novitskiy, N. N. Ergold, T. Plofiz. vuz. iamp. 0 no. 2:102-306 Mr-Apr '68.

Reimer, gyroscope. R. Il'nov. *NTO IO* no. 3:40-41 Mr '68.

Synthesis of a gyro-stabilizer control system optimal in response. L. E. Kuznetsov, R. I. Solov'ev. *Izv. vuz. ucheb. zav.; prib.* II no. 2:81-85 '68.

Weighing machine for the proportioning of charge components in the production of iron ore pellets. A. A. Zimomskiy, A. I. Kozlovskiy. *Izv. vuz. ucheb. zav.; gor. zhur.* II no. 3:151-153 '68.

Material incentives for production quality. M. Trupenkov. *Nar. khoz. Kazakh.* 26 no. 3:31-32 My '68.

681.4 Optical apparatus

Errors of an angular mirror and a mirror rhombus with converging pull of rays. I. A. Grein, P. V. Skender. *Izv. vuz. ucheb. zav.; prib.* II no. 2:103-108 '68.

Infrared polarization microscope. M. V. Gilya, T. A. Ivanova, R. M. Ruzhansk. *Opt. i mosh. prom.* 35 no. 4:26-32 Ap '68.

Integral photometer for studying the absorption of the suspensions of viruses. V. P. Ruchov and others. *Zhur. prikl. spekt.* 0 no. 5:844-850 My '68.

Interference films in optical industry. S. I. Vlasov. *Izv. vuz. ucheb. zav.; prib.* II no. 2:113-116 '68.

Light modulator. E. A. Korolev, G. M. Mekhlis. *Dipl. i izv.* 23 no. 5:930 My '68.

Method for making aspherical surfaces with low deviation from a sphere. M. N. Golovanova and others. *Opt. i mosh. prom.* 35 no. 4:10-41 Ap '68.

Optical ring based on the Faraday effect. G. V. Plokhonova, A. G. Dralikh. *Izv. vuz. ucheb. zav.; prib.* II no. 2:109-112 '68.

Processed digital three-glass optical para. B. K. Sattarov and others. *Opt. i mosh. prom.* 35 no. 4:88-97 Ap '68.

Theory of antisymmetric resonators. A. M. Oncharenko. *Zhur. prikl. spekt.* II no. 4:604-603 Ap '68.

681.5 Reproducing, printing machines and equipment

Electrophotography and the possibility of its use in the different stages of compiling a map. D. S. Mikhailovich, I. P. Mosolov, I. V. Zeichko. *Vest. LDU* 23 no. 6:153-154 Mr '68.

681.8 Technical acoustics. Musical instruments. Sound recording, reproduction

Compensation of nonlinear distortions for magnetic sound recording. V. G. Koval'kov. *Trudy VNIIT* no. 5:33-48 '67.

Effect of additive noises of a video tape recorder on the accuracy of the separation of synch pulses from the reproduced signal. A. D. Sheln. *Trudy VNIIT* no. 6:132-139 '67.

Error origin during the measurement of tape speed fluctuation factor using an induction head. M. G. Gilya, A. V. Mikhovitch. *Trudy VNIIT* no. 5:73-77 '67.

Experience in developing and operating tape recording mechanisms with high stability of instantaneous speed of the carrier. A. V. Mikhovitch. *Trudy VNIIT* no. 6:80-111 '67.

Perforated cores for magnetic recording heads with increased wear resistance. A. S. Kiselevich. *Trudy VNIIT* no. 5:78-88 '67.

Means for increasing the operational stability of the automatic control system of the drive motor. V. I. Lazarev, O. V. Mikhovitch. *Trudy VNIIT* no. 5:113-119 '67.

Methods for preventing time distortions in magnetic recording. G. I. Alekseev. *Trudy VNIIT* no. 5:125-131 '67.

Modulation noise. I. I. Mednikova. *Trudy VNIIT* no. 6:48-57 '67.

Nonlinear distortions during magnetic recording with high-frequency magnetization. V. G. Koval'kov. *Trudy VNIIT* no. 6:56-72 '67.

Principles of the design of magnetic heads for the recording and reproduction of high frequencies. R. R. Arnold. *Trudy VNIIT* no. 6:58-72 '67.

Record players with spring motors. V. Florin, V. Lariov. *Radio* no. 3:52 Mr '68.

"Romantic" magnetic tape recorder. I. Turusov. *Radio* no. 3:33-35 Mr '68.

Simple method for the preemphasis of an error control signal for a regulated delay line. G. I. Alekseev. Trudy VNIIRT no. 5:120-124 '67.
 Special features of the placement of α -FeOOH on a prepolymersed layer of inert material. G. B. Pancher. Trudy VNIIRT no. 5:185-187 '67.
 Study of magnetic tapes for video tape recording. L. Z. Rabinovich. Trudy VNIIRT no. 5:158-159 '67.
 Synthesizer for the sound track of amateur motion picture projects. M. G. Gud'arg. A. Kotelnikova. Radio no. 3:42-45 Apr '68.
 A tape recorder studio. A. I. Makirov. Vest. prokhoz. ord. obr., no. 1:75-76 Jan '68.

683 Hardware

Automatic assembly of bolts with elastic rings. H. R. Zaitangskii, N. A. Demtsov, V. I. Ruzhinskii. Avtomat. proizv. protv. v mashinst. i prib. no. 5:137-142 '67.
 Glass-reinforced plastics used in vacuum desiccators of feedwater in heating systems. D. I. Grekov, A. A. Shokhov, Energomashinostroye 14 no. 4:27-29 Apr '68.

684 Coachbuilding. Furniture and cabinetmaking. Upholstery imitation furniture finishes by a photo stencil method with subsequent printing in a hot press. V. F. Kachan and others. Les. Lunt. i dr. prom. no. 4:21-28 '67.
 Kuptsova, L. P. [Equipment for the application of glue in plywood and furniture industry]. Oborudovanie dlya naneseniya klia v fanerol' i mebel'noi promyshlennosti. Moskva, 1966. 17 p. (Mebel').

[MICROFILM]

Shabalov, V. V. [Devices for the determination of the quality of paint material coatings]. Priboiy dlia opredeleniya kachestva lakokraskochnykh pokrytiy. Leningrad, 1967. 20 p. (Leningr. dom nauch. i tekhn. propagandy. Seriya "Obmen peredovym protvodi. i nauch. i tekhn. opytom v derevoobrabatyval'shtetel' prom. stit'").

685 Saddlery. Footwear. Gloves. Travel, sport, games and other equipment

The assessment of shoe sizes and demands for it. F. Kedrin, G. Lukovenko. Sov. tog. 41 no. 4:37-38 Apr '68.
 Looking for unused potential. P. Alekseev. NTO 10 no. 5:31 May '68.
 New standards for skilling accessories. M. S. Mokrushin. Stand. i tekhn. 33 no. 1:92 Jan '68.
 Study of the mechanical properties of shoe uppers under uniaxial and biaxial stretch. Report No. 2. A. I. Zybin. Izv. vys. uch. zav. i tekhn. log. prom. no. 6:115-124 '67.
 Study of the permissible compression of the foot in shoes. L. P. Gurvay, H. T. Pushkar', I. U. Zybin. Izv. vys. uch. zav. i tekhn. log. prom. no. 6:101-108 '67.

685(477)—Ukrainian S. S. R.

The centenary of the First Kiev Shoe Factory. S. T. Yupov, H. L. Stankevych. Ukr. tekhn. zhur. 11 no. 5:132-133 May '68.

685(574)—Kazakh S. S. R.

What is taught by the experience of a wholesale retail firm. M. Arolan, I. Nasyutina. Nar. khoz. Kazakh. 26 no. 5:73-76 May '68.

685(575.1)—Uzbek S. S. R.

The new goods. V. Petrov. Ekon. i zhizn' 10 no. 1:65 Jan '68.

687 Clothing Industry. Toilet articles, brushes, etc.

Adoption of contactless methods for obtaining cross sections of clothing forms used for female figures and clothing. Report No. 1. G. S. Ivina and others. Izv. vys. uch. zav. i tekhn. log. prom. no. 6:131-135 '67.
 Kinetics of wear and tear of knit fabrics for underwear. D. F. Simonenko. Izv. vys. uch. zav. i tekhn. log. prom. no. 6:26-30 '67.
 Standards and fashion. A. Levasheva, T. Oskolkova. Stand. i tekhn. 32 no. 1:85-86 Jan '68.
 Trend in the development and improvement of sewing machines. Report No. 3. S. I. Rusakov. Izv. vys. uch. zav. i tekhn. log. prom. no. 6:125-130 '67.
 Voevodina, V. D., and R. B. Dubinina. [Dress in good taste]. Odeval'tse' so vkusom. [2-e pererabot. i dop. izd.] Moskva, "Mosk. rabochii," 1967. 240 p.
 Volovich, G. K. [Children's clothing]. Det'skaya odezhda. Moskva, "Legkaya industriya," 1968. 239 p.
 Work of the Institute of the Culture of Everyday Life and Clothing. A. Danilets. Tekst. prom. 27 no. 12:17-19 Dec '67.

687(471.232)—Leningrad City

Golbova, V. L. [Quality is the party's concern. (From the work experience of the party organization of the Leningrad concern "Bol'shevikha"). Kachestvo - zabota partinista. (Iz opyta raboty part. organizatsii leningr. ob'edineniya "Bol'shevikha"). Leningrad, Leningrad, 1968. 48 p. (B-chka sekretaria part. organizatsii).

687(471.324)—Voronezh Province

Distributing capital investments among individual types of products manufactured by the enterprise. G. I. Arsenov, V. I. Trofimovskii. Ekon. i mat. metod. 4 no. 1:134-136 Jan '68.

687(471.341)—Gorky Province

What causes deficiencies. V. Revin. Sov. tog. 41 no. 6:44-45 Jan '68.

687(471.55)—Chelyabinsk Province

Good name is the result. I. Utenkov. Sov. tog. 41 no. 6:44-45 Jan '68.

687(477)—Ukrainian S. S. R.

Economic effectiveness of adopting a new technology in the clothing industry of the Ukrainian S. S. R. L. A. Pelskhizov, S. I. Kovalenko. Izv. vys. uch. zav. i tekhn. log. prom. no. 6:3-10 '67.

69 BUILDING INDUSTRY, MATERIALS, TRADES, CONSTRUCTION

Analysis of construction costs under the new conditions. V. Levina. Buhg. uch. 27 no. 5:27-31 May '68.
 At the "Interorgtekhika - 68" International Exhibition. Blud. stroit. tekhn. 20 no. 2:44-46 F '67.
 At the State Committee on Construction of the Council of Ministers of the U. S. S. R. Blud. stroit. tekhn. 29 no. 2:32-33 F '67.
 Automating operational planning in the construction of complex projects. D. Feigin, V. Arkad'ev, I. U. Emin. Na. stroit. Ros. 9 no. 3:7 M '68.
 Azbel', B. M. [Experiments in construction]. Eksperiment v stroitel'stve. Moskva, "Mosk. rabochii," 1968. 112 p.
 Latest trends of technical standards in construction during the 1968-1970 period. A. N. Shkinev. Blud. stroit. tekhn. 29 no. 2:10-13 F '67.
 Building codes for rock-fill dams. G. M. Kuzovlev. Gidr. stroit. 37 no. 10:44-46 O '66.
 Centralization of accounting in construction. F. Steky. Buhg. uch. 27 no. 4:21-28 '68.
 Cooperation between science and practice. M. Raskin, I. Shmidt. Na. stroit. Ros. 9 no. 3:31 M '68.
 Crews adopt the scientific organization of labor. N. Kedrin, A. Baniukova. Na. stroit. Ros. 9 no. 3:5-6 M '68.
 Designing foundation beds and foundations on permafrost soils. Blud. stroit. tekhn. 29 no. 2:29-31 F '67.
 Efficiency of mobile plants of the construction industry in irrigation projects. Stroit. i dor. mash. 11 no. 16:28-29 O '68.
 Establishing norms for the expenditure of materials in construction. D. Bukeitov, S. Alukovskii. Mat. i tekhn. uch. 3 no. 3:87-93 Mar '68.
 [First years of construction work in the U. S. S. R.]. Pervye gody stroitel'stva v SSSR. Moskva, Stroizdat, 1968. 328 p.
 Fridman, P. N., and A. M. Berezlavskii. [Improving the quality of large-panel house construction]. Uchebnye kachestva krupnapanel'nogo domostroyeniya. [Kulbyshov] Kulbyshovskoe kn. izd., 1967. 116 p.

[MICROFILM]

Guide materials on problems of computing estimated costs and on calculations for completed construction and assembling operations. Na. stroit. Ros. 9 no. 3:32 M '68.
 [Handbook for mechanics of repair and construction organizations]. Spravochnik mekhanika remontno-stroitel'nykh organizatsii. Pod red. V. A. Lantsova. Leningrad, Stroizdat, 1968. 406 p.
 In the State Committee on Residential and Public Construction and Architecture of the State Committee on Construction of Council of Ministers of the U. S. S. R. Blud. stroit. tekhn. 28 no. 2:31-34 F '67.
 Iznest'eva, T. A., and I. U. Elizarov. [Structural physics. Textbook for students specializing in structural engineering]. Stroitel'naya fizika. Ucheb. posobie dlya studentov stroit. spetsial'nosti. Voronezh, Izd. Voronezhskogo un-ta, 1967. 239 p.
 Kondrat'evna, N. A. [Cartographic studies surveying in projecting and construction]. Kartografiko-geodezicheskoe raboty pri proektirovani i stroitel'stve. Leningrad, Izd. Leningr. un-ta, 1967. 176 p.
 Leningrad is exhibiting. St. stroit. Ros. 9 no. 3:28 M '68.
 Malugin, V. I. [Economic research in construction]. Ekonomicheskie issledovaniya v stroitel'stve. Moskva, Stroizdat, 1967. 92 p.
 Means for improving the efficiency of construction production. I. Borovkov. Ekon. i zhizn' 10 no. 1:73-77 Jan '68.
 Mechanization of construction in the new five-year plan period. V. V. Semkovskii. Blud. stroit. tekhn. 28 no. 2:8-10 F '67.
 Necessity of revising the building code 2-B. 3-62. G. A. Dubrovskii. Gidr. stroit. 37 no. 10:42-43 O '68.
 New regulation on experimental construction. I. Bondar'. Na. stroit. Ros. 9 no. 3:23 M '68.
 Nomenclature of elevators produced in series during 1967-1968. Stroit. i dor. mash. 11 no. 16:29 O '68.
 Overall mechanization based on the scientific organization of labor. A. Dizeev. Na. stroit. Ros. 9 no. 3:4-5 M '68.
 Planning and accounting for the cost of construction and assembly work. S. Timofeev. Buhg. uch. 27 no. 4:28-35 '68.
 Reducing construction time as a factor in intensifying production. R. I. Tsytyev. Ekon. i mat. metod. 4 no. 2:280-283 Mar '68.

Sapozhnikov, I. Z. [Providing building sites with complete sets of structural elements]. Komplektnosti stroek materialami. Moskva, "Mosk. rabochii," 1968. 72 p.
 Scientific organization of labor, business accounting and economy. I. A. Grebnev, V. Kletman. Na. stroit. Ros. 9 no. 3:6 M '68.
 Scientific research work on housing of the Central Scientific Research Institute of Experimental Designing. V. A. Kossakovskii. Blud. stroit. tekhn. 28 no. 2:37-40 F '67.

Special features of using the "Statute on the socialist state industrial enterprises interpretation" in construction organizations. S. Vasil'evskii. Nar. khoz. Kazakh. 26 no. 5:90-91 May '68.

State Committee for Construction of the R. S. F. S. R. Na. stroit. Ros. 9 no. 3:30 M '68.
 Structural engineering for the past 50 years. Blud. stroit. tekhn. 29 no. 2:1-6 F '67.
 Supplying housing construction in large cities with complete sets of structural materials prepared under flat conditions. I. Sin'noi, A. Minov, Mat. i tekhn. uch. 3 no. 3:42-46 Mar '68.
 System of automation of control and coordination of optimum operational regimes. Na. stroit. Ros. 9 no. 3:7-9 M '68.

Tanchev, R. I. [Mechanization of computing operations in a building trust]. Mekhanizatsiya vychislitel'nykh rabot v stroitel'nom treste. Leningrad, 1967. 24 p. (Leningr. dom nauch. i tekhn. propagandy. Seriya "Stroit. proizvodstvo").

Tasks of introducing the new technology in construction during 1967. A. T. Ibrakov. Blud. stroit. tekhn. 28 no. 2:15-18 F '67.

Three years of work under the scientific organization of labor. S. Baidinov. Na. stroit. Ros. 9 no. 3:1-2 M '68.

Use of the girder function in calculating the characteristic vibrations of a two-arched folded structure. M. N. Kukulova. Trudy TGU no. 84:203-216 '62.

Yolkov, D. P., and A. F. Krainov. [Planetary, wave, and combined transmissions of building and road machinery]. Planetarnyye, volnovyye i kombinirovannyye porochodnyye stroitel'nykh i dorozhnykh mashin. Moskva, "Mashinostroye," 1968. 271 p.

Wood-fiber boards with a painted surface. Blud. stroit. tekhn. 29 no. 2:26-27 F '67.

69(45)—Italy

Visit with our Italian colleagues. V. S. Andreov and others. Nar. khoz. Mosk. 41 no. 12:11-15 Dec '67.

69(471)—Russian Soviet Federated Socialist Republic [U. S. S. R.]

In the State Committee on Construction of the Council of Ministers of the R. S. F. S. R. Blud. stroit. tekhn. 29 no. 2:34 F '67.

69(471.332)—Leningrad City

Standard wholesale prices for building site. A. Kravtovich. Na. stroit. Ros. 9 no. 3:24 M '68.

69(471.310)—Moscow City

Organization of construction. Na. stroit. Ros. 9 no. 3:13-17 M '68.

Scientific generalization of construction practice in Moscow. V. Ovelonkin. Na. stroit. Ros. 9 no. 3:31 M '68.

Socialist obligations of the Moscowites. Nar. khoz. Mosk. 41 no. 12:1 Dec '67.

69(471.42)—Ulyanovsk Province

The "Orgtekhstroit" faces responsibilities. A. Poliakov. Na. stroit. Ros. 9 no. 3:11-12 M '68.

69(471.43)—Kuybyshev Province

Journal-voucher accounting method in construction. B. Nikolov. Buhg. uch. 27 no. 4:16-18 Apr '68.

69(471.54)—Sverdlovsk Province

"Tagilstroit" innovators. I. P. Morozov. Mekh. stroit. 28 no. 4:28-29 Apr '68.

69(470)—White Russian S. S. R.

Comprehensive inspections in construction organizations. M. Kaufman. Buhg. uch. 27 no. 3:37-39 Mar '68.

In the State Committee on Construction of the Council of Ministers of the White Russian S. S. R. Blud. stroit. tekhn. 28 no. 2:36-37 F '67.

69(477)—Ukrainian S. S. R.

In the State Committee on Construction of the Council of Ministers of the Ukrainian S. S. R. Blud. stroit. tekhn. 29 no. 2:35-38 F '67.

69(571.6)—Soviet Far East

Socialist competition in the anniversary year. K. A. Adamchik, L. A. Bel'shuk. Stroit. mekh. i nach. soor. 6 no. 4:43-44 '67.

69(575.1)—Uzbek S. S. R.

Using all levers. I. U. Martynenko. Ekon. i zhizn' 10 no. 1:80-82 Jan '68.

69(574)—Kazakh S. S. R.

Object of operations, a definite type of work. N. Khislov. Nar. khoz. Kazakh. 28 no. 5:42-43 May '68.
 Work method of construction ministries. T. Ashtimbaev. Nar. khoz. Kazakh. 26 no. 5:41-44 May '68.

69.02 Structural parts of buildings

Aluminum panels for the construction of movable walls in main structures of thermal power stations. I. U. Mikhraeva, A. A. Kronfol'd, E. N. Pol'man. Energ. stroit. no. 12:8-13 '67.

Height of the block of auxiliary mine shafts. D. S. Ermak, D. N. Parkhurov, N. I. Manychev, Shukhi, strol. 12 no. 3-6 '68.
Isolating prefabricated flooring and roofing for major repairs of railroad buildings and their standardization. R. M. Cherenishov. Trudy MFT no. 208-171-201 '66.
Protection of the plinth section of a wall made from cellular concrete panels. V. R. Mikhalko, I. B. Udashkin. Prom. strol. 44 no. 6 30-33 '67.
Strengthening reinforced concrete frames with prestressed ties. N. M. Omuriev, G. A. Zhureblov. Prom. strol. 44 no. 6 36-38 '67.
Use of reinforced concrete pitched roofs. M. Ter-Oganyan, A. Asatryan. Prom. Arm. 10 no. 9/10-49-50 '67.

69.02(471.310)—Moscow City
Structural features of buildings. Na. strol. 110a, 9 no. 3-12-13 M '68.

69.02(474.5)—Lithuanian S. S. R.
Original accounting in the plants manufacturing precast concrete structural elements. A. Gilevskii, M. Etonbergas. Buki, uchek. 27 no. 3-10-21 Mr '60.

69.02(477)—Ukrainian S. S. R.
Making roofs with film coatings and without heat insulation. I. P. Dondelin. Prom. strol. 44 no. 6 15-17 '67.

69.05 Site organization, methods, equipment, plant
Clearing roots of welded joints in situ. V. B. Benkevich, R. G. Smederev, B. H. Rubanovich. Prom. strol. 44 no. 6 43-44 '67.

[Construction equipment and road machinery] Ref. zhur.: Strol. 1 dor. masht. nos. 5-7, My. 11 '68.
Development of precast metal structural elements. B. A. Spasarskii, V. V. Biriutov. Prom. strol. 44 no. 6 44-48 '67.

Economic evaluation of variants providing for the construction of hydroelectric power plants with the production of auxiliary industries. M. I. Nemirovskii. Strol. strol. 33 no. 11-28-30 '66.
Effect of continuity and elastic yielding of diaphragma on the performance of ribbed folds. A. M. Timmusk, I. U. V. Chirnekov. Strol. mekh i rasch. uoer. 9 no. 4 4-7 '67.

[Erection of structural elements] Montazh strolitel'nykh konstruktsii. Moskva, Strolizdat, 1968. 362 p.

[Finkel, A. E.] [Rigging operations in erecting equipment, structural elements, and piping of industrial enterprises. Practical manual on the improvement of skills] Takoznaye raboty pri montazhe oborudovaniia, konstruktsii i inoborudovaniia promyshlennykh predpriatii. Prakt. posobie po povysheniiu mastersva. Moskva, Strolizdat, 1967. 310 p. (Seria posobie po povysheniiu mastersva rabochikh-stroitelov).

Form generator for molar. V. S. Orlov, V. D. Fed'kova. C. V. Buzitskii. Strol. mat. dot. 1 izd. no. 8 112-114 '67.

Improving the organization and management of construction sites of Kyrgyzstanorgstroy Trudy. Enorg. strol. 10, 12-1-9 '67.

Tables of reinforced columns with dry mesh-reinforced concrete spacers. A. P. Gurekii. Prom. strol. 44 no. 8 22-25 '67.

Use of engines in construction and excavating machines. A. V. Pashenko. Trudy NIIZIT no. 57-5 '60.

Mechanization of power plant construction work. A. P. Begonov and others. Enorg. strol. nos. 10-11-25-13 '67.

Molded reinforcement blocks for column loadings. A. N. Pashkii. Prom. strol. 44 no. 0-41-42 '67.

Overall mechanization of loading cement in the construction of transportation systems. E. L. Gmna, I. I. Elmanov, I. V. Lel'nd. Mekh. strol. 25 no. 4-2-4 Ap '68.

Overall mechanization of loading, transporting, and unloading cement. A. I. Maiveev. Mekh. strol. 25 Ap '68.

Photogrammetric method of determining the strains of buildings situated above mines. V. M. Varlashkin. Osn. i fund. i mekh. grun. 10 no. 2-32-34 '68.

[Planning the organization of the construction of a residential project] Proektirovaniie organizatsii stroitel'stva zhilykh massivov. Moskva, Strolizdat, 1967. 164 p.

Prospects for the use of dirigibles in power industry constructions. N. A. Bravtsev, G. V. Dmitriev. Gidr. strol. 37 no. 4-46-48 Ap '67.

Shapiro, G. A., G. N. Ashkinadze, and I. A. Simon. [Vibration method for testing residential and public buildings] Vibratsionnyi metod ispytaniia zhilykh i obshchestvennykh zdani. Moskva, Tsentr. nauch.-tekhn. informatsii po grazhd. stroitel'stvu i arkhitekture, 1967. 63 p. (Seria "Zhilye zdaniia").

Thermal treatment of mass shaped elements of the Saratov Hydroelectric Power Station building. N. V. Utkina. Gidr. strol. 38 no. 4-14-21 Ap '66.

Volzhin, G. N., S. E. Rukhovich, and V. G. Verdnikov. [Renovation of worn-out building machinery parts] Vostanovlenie iznoshennykh detalей stroitel'nykh mashin. Moskva, Strolizdat, 1968. 239 p.

Waterlight mesh formwork. V. I. Sakharov, P. A. Pashchenko, N. F. Osipova. Gidr. strol. 37 no. 10-13-23 O '68.

69.05(211)—Cold frigid regions
Machinery for cold region construction sites. A. I. Sidorov. Gidr. strol. 37 no. 6-58-59 My '67.

69.05(437)—Czechoslovakia
Construction of buildings by the method of floor casting. S. Stachazarian, R. Saakian, A. Saakian. Prom. Arm. 10 no. 9/10-58-61 '67.

69.05(471.24)—Novgorod Province
Accelerated rates of rapid construction. N. Dmitriev. Part. zhen. no. 12-20-23 Jc '68.

69.05(471.316)—Moscow City
Mechanization of loading, unloading, and transacting operations in the Gvozdet. B. E. Pful. Mekh. strol. 25 no. 4-6-10 Ap '68.

69.05(471.316)—Yaroslavl Province
Advantages of reconstructing operating plants. A. I. Netskii. Na. strol. 110a, 0 no. 3-25-26 M '68.

69.05(477)—Ukrainian S. S. R.
Some problems of the scientific organization of labor in assembling structural elements. M. I. Gurevich. Prom. strol. 44 no. 0-6-9 '67.

691 Building materials
Building materials industry at the Anniversary Exhibition of Achievements of the National Economy of the U.S.S.R. Tsentral. 33 no. 1-17-18-19 '67.
Determining the thermomechanical characteristics of building materials by the differential thermal analysis method. O. A. Denizov, V. S. Gorshkov. Strol. ind. VNINSM no. 15-98-101 '67.
Methods of determining the heat conductivity of building materials at high temperatures. B. V. Spasov, V. I. Rytarev. Strol. mat. dot. 1 izd. no. 8-52-59 '67.
Vorob'ev, V. A. [Building materials] Stroitel'nye materialy. 1 izd. 4-6, pererabot. Moskva, "Vyssh. shkola," 1967. 404 p.
Zashchuk, I. V. [Electronics and acoustical methods for testing building materials] Elektronika i akusticheskie metody ispytaniia stroitel'nykh materialov. Moskva, "Vyssh. shkola," 1968. 247 p.

691(471.310)—Moscow City
[Technological progress in the building materials industry in Moscow] Tekhnicheskiy progress v promyshlennosti stroitel'nykh materialov Moskvy. Moskva, Strolizdat, 1967. 364 p.

691(479.24)—Azerbaijan S. S. R.
Unnecessary parallelism. M. Isanov. Sov. iorg. 41 no. 4-16-47 Ap '68.

691(674)—Kazakh S. S. R.
Centralized automobile transportation is profitable. I. Iudavko, N. K. Koz, Kazakh. 20 no. 5-56-58 My '68.
Machine accounting for the expenditure of materials. N. Nogi, N. K. Koz, Kazakh. 20 no. 5-34-56 My '68.

691.1 Materials of organic origin. Timber, etc.
Effect of fillers on the thermomechanical properties of plasticized polyvinyl chloride. T. S. But. Strol. ind. VNINSM no. 15-7-11 '67.
Effect of nature and dispersity of a filler and the method of introducing components on the hardness of PVC compositions. L. I. Edel'man. Strol. ind. VNINSM no. 15-15-21 '67.
Thinly pulverized mineral fillers for polymeric building materials. M. L. Morgulis, Z. A. Lipand. Strol. ind. VNINSM no. 16-85-88 '67.
Forming extruding fillers with polyvinyl chloride compositions. V. S. Fedova, V. I. Mandrikova. Strol. ind. VNINSM no. 16-89-73 '67.
Investigating the rheological properties of polyvinyl chloride compositions with various fillers. V. S. Fedova, V. S. Gorshkov, T. M. Sheptro. Strol. ind. VNINSM no. 15-3-7 '67.
Method for evaluating the quality of blending of polymeric compositions. L. I. Edel'man, A. I. Kurikakin. Strol. ind. VNINSM no. 15-12-13 '67.
New method of testing for compression thick sheet plastics. V. N. Gornov, E. A. Svatova, E. I. Bakhtin. Strol. ind. VNINSM no. 15-101-104 '67.
Organic glasses as a building material for translucent sections of buildings. A. M. Godin. Trudy MFT no. 205. 148-160 '66.
Study of structures filled with polyvinyl chloride compositions using ultraviolet microscopy. V. S. Fedova, A. I. Kudrinskova. Strol. ind. VNINSM no. 15-21-24 '67.
Thermographic investigation of the composition of plasticized polyvinyl chloride with various fillers. V. S. Gorshkov and others. Strol. ind. VNINSM no. 16-11-15 '67.

691.1(571)—Aralian R. S. F. S. R.
Experimental study of Siberian larchwood on tensile and compressive strength along its grain. V. G. Lomov, V. V. Bykov. Trudy OISI no. 60-68-73 '67.

691.2 Natural stone
Asbestos concentration plant No. 6, a project to be completed in the anniversary year. A. M. Poika, I. N. Rytarov. Prom. strol. 44 no. 6-3-6 '67.
Surface pigment fillers made from quartz. G. S. Khodakov and others. Strol. ind. VNINSM no. 15-44-49 '67.

691.3 Artificial stone. Concrete, etc.
Actual water-cement ratio in a lightweight concrete mixture and the method for determining this ratio. V. L. Abramov. Strol. ind. VNINSM no. 15-101-112 '67.
Advantages of using lightweight concrete with natural aggregates in hydraulic structures. A. A. Arkutun, M. O. Ter-Oganyan. Gidr. strol. 37 no. 6-26-28 Jc '67.

Ash concrete. R. Ivanov. Na. strol. 110a, 0 no. 3-26 M '68.

Automation of concrete and mortar plants. I. G. Rabin, G. D. Safonov. Mekh. strol. 25 no. 4-12-14 Ap '68.

Controlling the production process of foamed slag by its fusion temperature. V. S. Orlov, I. A. P. Gindis. Strol. mat. dot. 1 izd. no. 8 22-10 '67.

Designing of precast reinforced concrete structures of the Saratov Hydroelectric Power Station. A. K. Yakubov, V. V. Rukhovich, L. V. Bulanova. Gidr. strol. 38 no. 4-10-14 Ap '66.

Economical use of cement in construction work. I. Z. Ogilanova, E. E. Bilevich. Tsentral. 33 no. 1-7-8 Jc '66.

Effect of carbon dioxide concentration on the carbonation process. K. P. Arkhangelskii. Strol. mat. dot. 1 izd. no. 8-60-93 '67.

Effect of physicochemical properties of slag on the quality of materials made of them. I. K. Zashchuk. Strol. mat. dot. 1 izd. no. 8-31-34 '67.

Eliminating films on foam concrete products. E. Sitachenkov, V. Yakubov, M. Stozhuk. Na. strol. 110a, 0 no. 3-21-22 M '68.

Gypsum-perlite thermal insulation products of high water resistance. I. G. Gubinov, A. T. Petrov. Strol. mat. dot. 1 izd. no. 8-90-101 '67.

Heat resistance of carborundum. K. P. Arkhangelskii, O. P. Koshperovskii. Strol. mat. dot. 1 izd. no. 8-97-50 '67.

Hydration process of expanded perlite. A. I. Polinkovskii, A. E. Rukhovich, O. A. Chornova. Strol. mat. dot. 1 izd. no. 8-84-86 '67.

Increasing the life of hydraulic structures. B. D. Azellakun, A. I. Khripkova, V. F. Chernykh. Gidr. strol. 37 no. 4-12-14 Ap '67.

Lukov, L. P., G. M. El'ros, and L. B. Glik. [Foamed slag] Shlakovaya puzira. Moskva, Strolizdat, 1968. 224 p.

Planning capital investments in the precast reinforced concrete industry. S. Alvaran. Prom. Arm. 10 no. 10-17-48 '67.

Precast reinforced concrete in hydraulic construction. I. S. Zavalishin, I. I. Chumlev. Gidr. strol. 38 no. 4-1-4 Ap '68.

[Reinforced concrete and reinforced-concrete structural elements. A collection of works] Zhelobeton i zhelobetonno-konstruktsii. Strol. ind. Moskva, Pod red. A. I. Golyshova, [Chelobeton] Uzun-Urn'ukov, 1967. 372 p.

Research on the competition of the structures of cast stone made of blast-furnace slag with admixture. I. A. Krivov. Strol. mat. dot. 1 izd. no. 8 44-37 '67.

Studying deformation of concrete in order to determine its optimum curing time before freezing. V. I. Chornovskii, A. V. Ustev, M. M. Mordukhai, G. I. Mordukhai-Petrov. Strol. mat. dot. 1 izd. no. 8-136-111 '67.

Studying the effect of MgO on the resistance of slag in disintegration. G. M. Polinkova, G. I. Polinko, M. I. A. Lush, Strol. mat. dot. 1 izd. no. 8-30-41 '67.

Studying the proportion of perlite and phosphate material for high-temperature heat insulation. A. V. Zhukov, I. A. Litvel', I. U. A. Sotnikov. Strol. mat. dot. 1 izd. no. 8-71-91 '67.

Studying the strength of concrete under conditions of wet heat treatment with addition of sodium silicate solution. Strol. mat. dot. 1 izd. no. 8-155-159 '67.

Using high-strength reinforcement in composite elements made of foamed porous concrete. H. Avetisyan, A. Vartapetian. Prom. Arm. 10 no. 9/10-62-64 '67.

Volcanic glasses (perlite) of the Monoglin People's Republic. A. A. Krupa. Strol. mat. dot. 1 izd. no. 8-17-23 '67.

691.3(477)—Ukrainian S. S. R.
Economic principles of the overall production plan for porous aggregates of concrete in the Ukrainian S. S. R. M. P. Pedun, V. M. Postinov, K. V. Jarkov. Strol. mat. dot. 1 izd. no. 6-3-7 '67.

691.4 Earth. Cob. Clay and ceramic products
Refillable clays as raw material for keramzit production. E. M. Klonov, B. M. Mikhailov. Strol. mat. dot. 1 izd. no. 8-6-12 '67.

Effect of irradiation on ceramic materials. N. S. Kostukov. Zhar. VKIO 13 no. 2-113-209 Ju '68.

691.4(41)—United Kingdom and Northern Ireland
Equipment of cement tile plants in England. Strol. 1 dor. masht. 13 no. 3-26-28 Mr '68.

691.4(477)—Ukrainian S. S. R.
Neogene clays of the southwestern part of the Ukraine as raw material for the production of lightweight aggregates. G. A. Tkachenko-Tutchinskii. Strol. mat. dot. 1 izd. no. 8-12-17 '67.

691.5 Binding materials. Plasters, etc.
Formation of fibrous crystals during the specific hydration of cements. I. U. S. Chorkinskii. Strol. ind. VNINSM no. 15-56-61 '67.

77.03 Photographic records and their interpretation

Use of stereoscopy in dynamic photostereostudy studies. G. L. Kheifin, I. U. Marashin, E. V. Irchenova. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 192-195 Mr.-Ap '68.

771 Photographic equipment

Automatic optical focusing of a television camera. A. N. Minsheva, V. A. Burav. Tekhn. kino i telev. 12 no. 3 31-38 Ap '68.

Black-and-white reproducible film of medium sensitivity. V. V. Vasiliev, V. V. Oskolnikov, S. A. Verkhovskiy. Tekhn. kino i telev. 12 no. 3 39-42 Ap '68.

Characteristics of modern centering camera shutters. M. G. Toralim. Opt. i mekh. prom. 35 no. 4 57-65 Ap '68.

Correctness of applying Gaussian distribution in evaluating random variations of the optical density of a developed photographic emulsion. S. B. Gurevich, G. A. Gavrilov. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 137-138 Mr.-Ap '68.

Dependence of the contrast coefficient of photographic materials in the visible-ultraviolet region of a spectrum on the radiation angle of incidence on the emulsion layer. A. N. Ilyashenko, R. N. Sukhodolov. Zhur. prikl. spekt. 6 no. 1 145-151 Ia '68.

Dependence of the resolving power of photographic paper on the aperture of the reader's objective. R. N. Gurevich, T. A. Loshakovskaya, E. F. Taisel. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 130-131 Mr.-Ap '68.

Interaction between medium-energy electrons and thin thermoplastic layers. N. G. Vakhovkin, V. P. Nemilov. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 122-127 Mr.-Ap '68.

Longevity of centering shutters. K. A. Kuznetsov. Opt. i mekh. prom. 35 no. 4 57-58 Ap '68.

Modern emulsions and equipment for the development of sensograms. I. K. Krupinin, N. S. Oshchinskii. Tekhn. kino i telev. 12 no. 3 50-57 Ap '68.

Modernization of the UKA-2 apparatus. V. I. Timin. Tekhn. kino i telev. 12 no. 3 54-56 Ap '68.

New type of registration of a hidden image in a nuclear emulsion at the temperature of liquid helium. V. I. Malinovsky, K. A. Melnikova. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 132-133 Mr.-Ap '68.

On the tendency of asymmetrical grains toward sensitization of the second kind. E. I. Khalifa, D. A. Nait. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 119-123 Mr.-Ap '68.

[Photographic and motion-picture equipment] Ref. zhur.: Fotokinetekh. nos. 5-6 Mr.-Jl '68.

Reaction of photographic gelatin with polymer coagulants. Part 3. Dependence of the coagulation properties of sodium salts of polyacrylatesulfonates on molecular weight. N. A. Petrova and others. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 86-88 Mr.-Ap '68.

Research in the field of 4-aminopyrazolones. S. D. Il. Samuil'skaya, M. S. Khaikin, V. I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 110-112 Mr.-Ap '68.

Use of the H18-18M chronograph in testing high-speed camera shutters. E. T. Dubatovkin, L. I. Kuznetsov. Opt. i mekh. prom. 35 no. 4 47-49 Ap '68.

772 Photographic systems

Nonemulsion-type photographic layers for obtaining images of individual traces of nuclear particles. A. L. Kartuzhanskii, V. F. Privalova. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 171-175 Mr.-Ap '68.

772.9 Systems using physical phenomena

Isopotential curves of electrophotographic layers of zinc oxide. V. Gaidelis. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 89-91 Mr.-Ap '68.

Spectral sensitization of the intrinsic photoeffect in semiconductor by means of organic polymers. V. S. Mylnikov, I. S. Karaschuk. Elektr. tekhnika 4 no. 5: 506-507 My '68.

776 Photolithography

Imitation furthest simulates a photo stencil method with subsequent printing in a hot press. V. F. Kacian and others. Les. bum. i ker. prom. no. 4 21-28 '67.

778.3 Photographic techniques with mainly scientific application

Electron microscope study of the effect of triethanolamine on silver halide crystals. D. M. Samoilovich, R. V. Ralova. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 109-110 Mr.-Ap '68.

Holograms of a living diffuse object obtained with the aid of a single-mode ruby laser. D. I. Stasolkin, A. G. Smirnov, I. U. Denisov. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 135-136 Mr.-Ap '68.

Samoilovich, G. G. [Field practice of working with aerial photographs in forest valuation surveys. Textbook for summer practice of students of the forestry department] Polovaya praktika raboty s aerofotomaterialami pri karkasnykh leso. Uchebnoe posobie dlia teinot praktik studentov lesokhozhnitsvennogo fakul'teta. Leningrad, 1967. 73 p. Study of topography in evapotranspiration. V. M. Sinitov, V. A. Mironov. Zhur. nauch. i prikl. fot. i kin. 13 no. 2: 133-135 Mr.-Ap '68.

778.3 X-ray and gamma-ray photography. Radiography

Comparative X-ray data on changes in the bones of the hand in work involving vibrations and in some other occupations. Report No. 2. Kh. Tsalagov. Trudy SOGIM no. 10 277-285 '67.

Effect of arografin on the coagulating properties of arterial blood in patients with hypertension in abdominal aortography. V. G. Arachchenko, G. I. Arabidze. Radiologiya 8 no. 4 105-109 Ap '68.

Line intensities in X-ray photographs of graphite structures. A. V. Kurumov, A. N. Pitankovskiy. Kristallografiya 13 no. 2 311-315 Mr.-Ap '68.

Practical use of the International X-ray classification of pneumoconiosis of 1958. E. T. Oshchova. Trudy SOGIM no. 10 266-278 '67.

Use of the method of roentgenological examination in differential diagnosis of tumorous processes of the accessory sinuses of the nose. Z. A. Lazarskaya. Radiologiya 8 no. 4 105-109 Ap '68.

Use of the radiographic method in studying the structural characteristics of metals. O. A. Kalitayev, G. N. Epshstein, I. V. Karachikov. Zav. lab. 33 no. 12: 1526-1530 '67.

Use of X-ray diffraction phase analysis in polymorphous transformations. A. M. Gavrish, S. V. Lyudsk, D. Ia. Sukharevskii. Zav. lab. 33 no. 12: 1530-1532 '67.

X-ray examination of patients with peptic ulcer following compound fractures. Kh. M. Salita. Trudy Khark. gos. med. inst. 21 33-37 '63.

X-ray signs in mitral stenosis with increased insufficiency of the aortic valve. A. N. Maltsev, A. N. Kh. Khazalov. Radiologiya 8 no. 4 70-77 Ap '68.

778.34 Ultraviolet, infrared and particle-ray photography

Electron diffraction study of ammonium iodide. V. N. Kolesnikov, G. S. Ufrev. Kristallografiya 13 no. 2 328-330 Mr.-Ap '68.

Electron diffraction study of the system Pb-Sn in thin layers. T. P. Karpova, R. M. Ivanov, S. A. Semakova. Kristallografiya 13 no. 2 336-341 Mr.-Ap '68.

Indexing of electron diffraction pictures and projecting of structures without any crystal orientation. D. N. Zivogin. Kristallografiya 13 no. 2 325-326 Mr.-Ap '68.

778.4 Stereophotography

Method for the determination and establishment of the optimum focus in stereoscopic cinematography. A. N. Shatskaya. Tekhn. kino i telev. 12 no. 4 20-22 Ap '68.

778.5 Cinematography

Black-and-white reversible films of medium sensitivity. V. V. Vasiliev, V. V. Oskolnikov, S. A. Verkhovskiy. Tekhn. kino i telev. 12 no. 4 20-22 Ap '68.

Electronic attachment to a high-speed SFR motion picture camera. B. F. Panov. Uch. zap. LGU no. 338 143-148 '68.

Experience in the practical use of the tagging signal method. A. N. Kucherovich. Tekhn. kino i telev. 12 no. 4 63-64 Ap '68.

Golostev, G. A., and T. V. Derbisher. [Light sources for motion-picture projectors] Istechniki svet. kino-proektorov. [Moskva, "Iskusstvo," 1968] 183 p. (N-ka kinomekhanika).

Graininess of the image in cinematography. V. G. Kinar. Tekhn. kino i telev. 12 no. 4 1-6 Ap '68.

Improving the quality of motion-picture projection in motion-picture theaters. Tekhn. kino i telev. 12 no. 4: 41-54 Ap '68.

Method for the determination and establishment of the optimum focus in stereoscopic cinematography. A. N. Shatskaya. Tekhn. kino i telev. 12 no. 4 20-22 Ap '68.

Method for the determination of the profitability of a film for motion picture theaters. T. A. Syrnkov, V. G. Chetnyy, A. I. Arachkin. Tekhn. kino i telev. 12 no. 4 23-24 Ap '68.

On the Board of Cinematography. Tekhn. kino i telev. 12 no. 4 50-51 Ap '68.

Selecting materials for pressure elements in the film gate of film projectors. L. M. Bass, R. I. Terle, S. M. Shumilgin. Tekhn. kino i telev. 12 no. 4 23-24 Ap '68.

[Truth of the cinema and "cinema-truth." Scanning the pages of the foreign press] Pravydno kino "Kinopravda." Po stranitsam zarubezhnoi pressy. Moskva, "Iskusstvo," 1957. 332 p. illus.

778.5 (44)—France

Solov'yeva, I. N., and V. V. Solov'yeva. [Jean Gabin] Zheni Gabin. [Moskva, "Iskusstvo," 1967] 187 p. (Mastera zarubezhnogo kinokusselva).

778.6 Color photography

Admissible color scatter of reference white. N. G. Derugin, A. K. Kuznetsov. Tekhn. kino i telev. 12 no. 4 43-50 Ap '68.

Conference of the study group III (television of the Technological Commission of the International Radio and Television Organization on color television). Tekhn. kino i telev. 12 no. 4 91-93 Ap '68.

Effects of polymers based on the fixing of acid dyes in the gelatin layers. N. V. Priglo, S. A. Bangard, A. I. Veltman. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 96-99 Mr.-Ap '68.

Light-dividing characteristics of psychologically precise blackened colored images. L. F. Artushin. Zhur. nauch. i prikl. fot. i kin. 13 no. 2 113-119 Mr.-Ap '68.

78 MUSIC

Dmitriyev, V. G. [A poet-Communist. Life and work of Eugene Poldier, the creator of the "International"] Poet - Kommunar. Zhizn' i tvorchestvo Ezheny Pol'e, sozdателя "Internatsionala." Moskva, "Prosvetshchennye," 1966. 209 p. (Biblioteka slovarnaya).

Druskin, M. S. [Music abroad in the first half of the 19th century] Zarubezhnaya muzyka pervoi poloviny XIX veka. Moskva, "Sov. kompozitor," 1967. 100 p. (Uchen. kul'tury).

Katerina Novitskaya's talent. R. V. Novitskaya. 31-32 Jo '68.

Sadovnikov, E., comp. [A. I. Kuchaturin. List of musical compositions and a bibliography] A. I. Kuchaturin. Nolog. i bibliogr. spravochnik. 1-o izd. Moskva, "Muzyka," 1967. 170 p.

78 (438)—Poland

Tulio, Ju. N. [Programming in Chopin's works] O programirovani i proizvedeniiakh Chopina. 2-o izd. Moskva, "Muzyka," 1968. 60 p. (V poimoshch' pedagogu-muzykantu).

79 ENTERTAINMENT. PASTIMES. GAMES. SPORT

Two days off. Grazhd. av. 25 no. 8 5-16 '68.

791 Public entertainment

791 (478)—White Russian S. S. R.

Kononovich, V. S. [Mass cultural work on a ship farm] Kul'turno-massovaya rabota na sudebnom. [Moskva] Izdatel'stvo, 1967. 62 p. (Biblioteka sel'skogo pisatel'stva aktyvistov, no. 2 (74)).

791.4 Film. Motion pictures

Solov'yeva, I. N. [Fifth International Film Festival in Moscow] V Mezhdunarodnyy kinofestival' v Moskve, "Zemle," 1967. 31 p. (Novye v zhizni, nauka, tekhnika XVIII Seriya: Iskusstvo, 12).

791.4 (45)—Italy

Italian cinema industry under a blow. G. Buzi, ital. Sov. vrem. zh. im. 31 (11-20) Ap '68.

792 Theater. Dramatic performances

Yegorulyan, M. N. [Sixty years with the opera. Itineraries of a producer] Shes'desiat let v imennoy teatre. Vospominaniya rezhissora. [Moskva] Voen. teatr. o-vo, 1967. 303 p.

[History of the Soviet drama theater. 50 years. List of recommended literature] Istoriya sovetskogo dramy. chesko teatrala. 50 let. Itek. spetsial' literat. vy. Moskva.

Ch. 2. [Theater of the peoples of the U. S. S. R.] Teatr narodov SSSR. 1967. 32 p.

792 (44)—France

Nykova, N. A. [Adrienne Le Coeur] Adrienne Le Coeur. [Leningrad, "Iskusstvo," 1967] 100 p. (Kortiki rus. i zarubezhnoy slavy).

792 (474.3)—Latvian S. S. R.

[Quintile] Kuintila. [Riga] 1967. 24 p. (Vizitnye karti Maksimalnaya pasadribas festivals) [In Latvian and Russian].

[The spinners] Vorpolas. [Riga] 1967. 24 p. (Vizitnye karti Maksimalnaya pasadribas festivals) [In Latvian and Russian].

796 Sport. Games. Athletics

Changes in skin temperature caused by sports games. I. B. Tomkin. Teor. i prakt. fiz. kul't. 31 no. 4 17-19 Ap '68.

Changes in the muscle power and static endurance during training exercises in gymnastics. I. F. Menal'ska, I. O. Bollaev. Uch. zap. Perm. pol. inst. no. 41 23-24 '67.

Changes in the plantar arch in different positions of the body during the process of physical culture as topical exercises. K. G. Nekrasov. Uch. zap. LGU no. 338 143-148 '68.

Determining the increased efficiency phase in repeated speed work. A. K. Vasiliev. Vost. i zap. 21 no. 4 118-124 My '68.

Deforming the training load of gymnasts. M. I. Likhov, E. A. Zomakov. Teor. i prakt. fiz. kul't. 31 no. 4 17-19 Ap '68.

Effect of training on motor subordination and on the timing of movements in athletes. N. A. Agasheva, L. F. Akubson. Uch. zap. Khark. univ. 87 (41-46) '67.

Experience in the development of regular movements in young prize fighters. O. V. Polunin. Teor. i prakt. fiz. kul't. 31 no. 4 20-22 Ap '68.

Fast-type systems in the biomechanical analysis of sports techniques. R. A. Tikhonov. Teor. i prakt. fiz. kul't. 31 no. 4 14-17 Ap '68.

Gymnastic exercises of workers in the open. N. S. Demolov. Teor. i prakt. fiz. kul't. 31 no. 4 55-56 Ap '68.

Indices of the effectiveness of living exercises for schoolchildren of 10 to 13 years of age based on anthropometric data. N. A. Agasheva, L. F. Akubson, L. F. Baranovskaya. Uch. zap. Khark. univ. 87 (41-46) '67.

Instruction and training of mountain climbers in movement over the ice on shoes studded with spikes. A. V. Romanov. Teor. i prakt. fiz. kul't. 31 no. 4 26-28 Ap '68.

Methodology of operating bicycle ergometers. V. F. Tikhonov, A. A. Burakov. Uch. zap. Perm. pol. inst. no. 41 173-180 '67.

sed)

of the development of speed in female
V. I. Lushchinskii. Uch. zap. CGPI no. 79.

R. E., L. I. Stogova, and F. A. Jordanskii.
Culture and age. Fizicheskaya kul'tura i
obshch. rod. R. E. Motyl'skoi. Moskva,
1967. 280 p.
trade unions in the development of physical
sports. P. S. Pashchyni. Teor. i prak. fiz.
no. 4-7-10 Ap '68.

als, records... Sports in facts and figures)
tla, rekordy... Sport v faktakh i faktakh.
izdat'ura i sport, 1968. 112 p.
movements in the biomechanics of sports.
al. Teor. i prak. fiz. kul't. 31 no. 4-11-14

d objectives for the development of physical
rural areas. M. I. Tokarev. Teor. i prak. fiz.
no. 4-18-51 Ap '68.

ysical training and sport activities in
efficiency of workers. I. I. Kulov. Teor. i
4. 31 no. 4-56-57 Ap '68.

the history of physical culture. Ocherki po
teskol' kultury. Moskva, "Fizkultura i
7. 197 p.

ns concerning the medical and physiological
selection for sports schools for children and
o. H. E. Motyl'skii. Teor. i prak. fiz.
no. 4-10-45 Ap '68.

les of speed and muscle strength and the
development. V. V. Krivonozh. Teor. i
4. 31 no. 3-58-62 Ap '68.
lemies. V. F. Shirlayev. Vest. prirovozoit,
30-81 Ja '68.

physiology of swimming. N. I. Volkov, S. M.
A. Shikova. Teor. i prak. fiz. kul't. 31
Ap '68.

ighest acrobatic activity in the most ex-
cyclic tasks. M. A. Artyukov. Teor. i prak.
no. 4-38-39 Ap '68.

Z. [Coming-of-age: hockey and hockey
vershennosti. Khokkei i khokkeisty. [Izd.
"Mol. gvardia," 1968. 319 p.

stant information in race rowing. I. I.
eor. i prak. fiz. kul't. 31 no. 4-24-25 Ap '68.

ypo spirometry in the examination of
nder various stresses. V. V. Melov, I. D.
ady VNIIMIG no. 3-58-103 '64.
ulation method for the development of a
ace in gymnastic movements. A. M.
eor. i prak. fiz. kul't. 31 no. 4-23-24

the role of physical training and the moral
the Soviet people. G. S. Demotov. Teor. i
4. 31 no. 4-2-5 Ap '68.

on the athlete's speed. B. I. Hutonko. Teor.
4. 31 no. 4-62-65 Ap '68.

ivolskii's archives show us. Z. A. Starovoi.
i prak. fiz. kul't. 31 no. 4-5-7 Ap '68.

tie" prize was awarded. L. Ivanov.
30 no. 8-73 Je '68.

(470)—White Russian S. S. R.

o sport activities of schoolchildren. V. G.
Teor. i prak. fiz. kul't. 31 no. 4-45-47

(497.2)—Bulgaria

tries. Teor. i prak. fiz. kul't. 31 no. 4-
68.

le eudy. Nikolai Paklin. Nov. vrem.
A. '68.

(498)—Rumania

tries. Teor. i prak. fiz. kul't. 31 no. 4-
68.

orts. Air sports

10-1. V. Maksimov. Voen. znan. 44 no. 6-
68.

eficient ways of development and problems.
Voen. znan. 44 no. 6-44-45 Jo '68.
outes of the "Okanila." V. Panich. Voen.
no. 6-47 Je '68.

unting. Shooting

ort weapons. A. Danilov. Voen. znan. 44
'68.

illages, on your marks; all-Union games of
nd state farm sportmen. A. Pavlov. Voen.
no. 6-42 Je '68.

(477)—Ukrainian S. S. R.

hampions grow. V. Davydov. Voen. znan.
43 Je '68.

CURE, BELLES-LETTRES

ence and technique

o understand and translate foreign text)
ela ponimat' i perevodit' inostrannyi tekst.
red. V. P. Uvarova. Minsk, "Vyssheloh.
18. 207 p.

M., and others. [Practical courses in trans-
latic and technical literature. German]
it kurs perevoda nauchno-tekhnicheskoi
Nemolskii lazky. Izd. 2-o, 18 pr. i dop. Mo-
zdai, 1967. 480 p.

Mostkova, S. A., I. A. Smyskalova, and S. P. Cheralav-
skaya. [Termin of English literary criticism. Textbook
for students of teachers colleges and philology depart-
ments of universities.] Anglitskaya literaturovedche-
skaya terminologiya. Posobie dlia studentov ped. in-tov
i filol. fak. un-fov. Leningrad, "Prosveshchenie,"
1967. 110 p.

[Soviet literary criticism during 50 years] Sovetskoe
literaturovedenie za 50 let. Leningrad, "Nauka,"
1968. 429 p.

80(5)—Asia

[Ideas of humanism in literatures of the East] Idei
gumanizma v literaturakh Vostoka. Moskva, "Nauka,"
1967. 216 p.

84 Romance literature

—Rubelals, F.

"The Carnival" and "The Sorrows." G. S. Pomeranin.
Mar. Az. i Afr. no. 2-107-118 '68.

882 Russian literature

Ermolaeva, V. N., and V. I. Tol'skiy. [Socialist realism
and the ethics of bourgeois aesthetics. Polemics]
Sotsialisticheskii realizm i etika burzhuaznoestetiki.
Polemika. Moskva, "Sov. khudozhestvo," [1967] 148 p.

Evgenev, I. A. [The periodical "Saitrikon" and the
poets who were its contributors] Zhurnal "Saitrikon"
i poety-saitrikontsy. Moskva, "Nauka," 1968. 454 p.

[History of Soviet Russian literature, 1917-1965. In 4 vol-
umes] Istoriia russkoi sovetskoi literatury. 1917-1965.
V. 4. kh. t. izd. 2-o, perebatoi, 1 dop. Moskva, "Nauka,"
T. 2. 1930-1941. 1967. 686 p.

Imber, V. M. [Looking through the pages of days...
(From diaries and notebooks)] Stranitsy dnei pere-
birata... (iz dnevnikov i zapiski khatzhek). Moskva,
"Sov. pisatel'," 1967. 368 p.

—Fraerman, R. I.

Lupova, M. V., and V. I. Kirilushina. [Stories about K. G.
Pausovskii's and R. I. Fraerman's books] Rasskazy o
knigakh K. G. Pausovskogo i R. I. Fraermana. Moskva,
"Kniga," 1967. 63 p. (Sovetskio pisateli - detiam.
Vyp. 4).

—Goncharov, I. A.

Lilin, Viktor. [From Aleksandrovich Goncharov. A
textbook for students] Ivan Aleksandrovich Goncharov.
Poeblia dlia uchashchikhsia. Leningrad, "Prosveshche-
nie," 1968. 111 p. (Biografiia pisatelia).

—Malakovskii, V. V.

Dontsova, I. V. [Traditions of Malakovskii in contem-
porary poetry] Traditsii Malakovskogo v sovremennoi
poezii. Moskva, "Znanie," 1968. 47 p. (Novoe v zhizni,
nauka, tekhnika. Sorita "Literatura," 4).

—Nekrasov, A. M.

Orskavi, A. M. [N. A. Nekrasov in the struggle with
[satiric censorship] N. A. Nekrasov v bor'bu s tsenzuroi
[sanzuroi]. [Kaliningrad] Kaliningradskoe kn. izd.,
1968. 301 p. (Kaliningrad. Kaliningradskii gosudar-
stvennyi pedagogicheskii institut. Uchenye zapiski, no. 13).

—Nikulin, L. V.

One more page from "The Swell." IU. Naumkin. Sora.
zakon. no. 5-22-21 My '68.

—Pausovskii, K. G.

Lupova, M. V., and V. I. Kirilushina. [Stories about K. G.
Pausovskii's and R. I. Fraerman's books] Rasskazy o
knigakh K. G. Pausovskogo i R. I. Fraermana. Moskva,
"Kniga," 1967. 63 p. (Sovetskio pisateli - detiam.
Vyp. 4).

—Saltykov, M. F.

Bacharova, A. K. [Saltykov-Shchedrin: the controversial
aspect of satire] Saltykov-Shchedrin. Polemicheski
aspekt satiry. Saratov, Privolzhskoe kn. izd., 1967.
201 p. (Penza. Gosudarstvennyi pedagogicheskii insti-
tut. Uchenye zapiski, no. 18).

888 Baltic literature

Kaminskas, Jonas. [At the crossroads of literature]
Literaturos kryzkelesio. Vilnius, Vaga, 1968. 271 p.
[In Lithuanian]

884.1 Ural-Altaic literature

A Turkic conference in Leningrad. N. A. Dzhilina, V. G.
Guzev. Nar. Az. i Afr. no. 2-241-244 '68.

9. GEOGRAPHY. BIOGRAPHY. HISTORY

91 GEOGRAPHY. EXPLORATION AND TRAVEL

910 General studies. Accounts of travels, expeditions, etc.

My first arrival in the Soviet Union: from a book of
remembrances. Justas Palotskis. Nov. vrem. no. 26:
28-31 Je '68.

910(202)—Mediterranean Sea, including
Adriatic and Aegean Seas

The these Republic. Nov. vrem. 26 no. 30-25-26 Jo '68.

910(45)—Italy

Soviet cooperators in Italy. A. Pleshev. Sov. poireb.
koop. 12 no. 4-53-57 Ap '68.

910(471.232)—Leningrad City

Leningrad. Moskva, "Progress," [1967]. 135 p. [In 5
languages]

910(471.42)—Ulyanovsk Province

At Lenin's birthplace. I. Sholomova. Komm. Vooruzh.
Sil. 49 no. 4-30-35 J '68.

910(471.531)—Komi-Pennya National District

Kudymkar. [Form], Kn. izd., 1967. [8] p. 32 l. illus.

910(474.3)—Latvian S. S. R.

Ramans, K. [Latvian nature and scenery] Latvijas
daba un ainavas. Riga, "Liesma," 1967. 184 p.
[In Latvian, Russian, English, and German]

910(476)—White Russian S. S. R.

Vol'skii, V. F. [Three trips to the country of White
Russians. A book about White Russia] Tri puteshestviia
v stranu belorusov. Kniga o Belorussii. Moskva, "Det.
lit.," 1967. 221 p. (Ty po strane idesh').

910(540)—India

India in complexity. I. Stepanov. Nov. vrem. 26 no. 31:
4-9 Ap '68.

910(507.3)—South Vietnam

Ten days on the Vietnamese soil. B. Kostavinev. Sov.
proireb. koop. 12 no. 5-50-60 My '68.

910(64)—Morocco and Northwest African
Territories

Seven days in Morocco. IU. Mikhayev. Sov. iorg. 41
no. 6-52-55 Jo '68.

910(66)—West and North Central Africa

Among the guerrillas of "Portuguese" Guinea. Olog
Ignatiev. Nov. vrem. 26 no. 30-23-25 Jo '68.
Journey to Mauritania. V. Kalin. Nov. vrem. 26 no. 31:
23-28 Au '68.

910(720.1)—Cuba

Korzhovskii, Boris. [On the island of freedom] Na ostrovo
Svobody. Moskva, "Sov. khudozhestvo," [1967] 68 p. illus.

911 General geography (physical, human, applied, etc.)

Classification of the geological sciences. IU. K. Efremov.
Zhizn' Zem. no. 2-100-107 '64.

[Geography] Ref. zhur.: Geog. no. 6-7 Jo-Jl '68.

Geography and space. IU. K. Efremov. Zhizn' Zem.
no. 3-133-147 '65.

M. V. Lomonosov and geography of today. N. E. Dik.
Zhizn' Zem. no. 2-154-165 '64.

Significance and role of O. K. Kozlov in the development
of geographic science. T. N. Ovchinnikova. Zhizn' Zem.
no. 3-232-239 '65.

911(471.51)—Udmurt A. S. S. R.

Physiogeographical zoning of the Udmurt A. S. S. R. V. N.
Litvinov. Uch. zap. Penza. pol. inst. no. 4-226-258 '67.

912 Maps, atlases, globes, etc.

[Catalog of foreign maps and atlases received by the V. I.
Lenin Library in 1965] Gosudarstvennaya biblioteka
SSSR imeni V. I. Lenina. Katalog inostrannykh kni i
atlasov, poslupivshikh v biblioteku imeni V. I. Lenina v
1965 godu. Moskva, 1966. 63 p.

912(407.1)—Yugoslavia

[Historical atlas of the liberation war of the Yugoslav
peoples in 1941-1945] Istoricheski atlas osvoboditel'-
noi vojny narodov Yugoavlii 1941-1945. Beigrado, Izd.
"Jugoslavija" 1967. 1 v.

912(5)—Asia

Peking's double accountability. G. Apollo. Nov. vrem.
26 no. 31-9-10 Ag '68.

914 Modern geography

Poets for natural landscape regionalization by [the help
of the combination of separate legends. IU. K. Efremov.
Zhizn' Zem. no. 3-148-154 '65.

Methods of expeditionary investigations of P. K. Kozlov:
on the 100th anniversary of his birth. T. N. Ovchinnikova.
Zhizn' Zem. no. 2-188-194 '64.

Natural characteristics of the boundaries of the physico-
geographical regions of the Russian Plain as revealed
by a study made in the toleaves. A. M. Abaturv.
Zhizn' Zem. no. 2-108-115 '64.

914(471.332)—Smolensk Province

[Smolensk. The 1100th anniversary of the first mention of
this city in annals. (Materials of an anniversary sci-
entific conference)] Smolensk. K 1100-letiiu pervogo
upominania goroda v letopisli. (Materialy bibliotnoi
nauch. konferentsii). Smolensk, 1967. 266 p.

foundings of the Museum of Earth Sciences, U.S.S.R.
Zhizn' Zem., no. 2:240-253 '04.

—Usaterko, M. I.

Sixtieth birthday of Professor M. I. Usaterko, doctor of chemical sciences. Khim. tekhn. no. 7, 3-4, 1967.

—Ushakov, A. S.

A navigator scans the radar screen. V. T. Zharkov. Vest. protivovozd. obor. no. 3:27-33 Mr '68.

—Valk, S. N.

Professor S. N. Valk's 80th birthday. S. O. Smid. Ist. SSSR no. 2:20-22 Mr '68.

—Vavilov, N. I.

In memory of Nikolai Ivanovich Vavilov. E. M. Lavrenko. Bol. zhur. 53 no. 4:27-49 Ap '68.

Recollections about N. I. Vavilov on the 60th anniversary of his birth. F. Kh. Pakhteev. Bol. zhur. 53 no. 4:54-59 Ap '68.

Scientific conferences dedicated to the memory of Academician N. I. Vavilov. E. A. Gagarina. Izv. AN SSSR Ser. biol. no. 3:445-449 My '68.

—Vernadskii, V. I.

Sculptural representations of V. I. Vernadskii and V. I. Vernadskii on the Museum of Earth Sciences; on the 60th anniversary of the death of V. I. Vernadskii and V. I. Vernadskii, 1863-1903. Zhurnal Zem. no. 2:18-200 '64.

—Vigilev, B. D.

B. D. Vigilev. O. Vasilova. Ist. SSSR no. 2:74-61 Mr '68.

—Vishnev, S. M.

On Sergei Mikhailovich Vishnev's 70th birthday. Ekonom. i statist. 4 no. 2:110 Mr '68.

—Vovodskii, V. V.

V. V. Vovodskii. Zhur. fiz. khim. 41 no. 12:3163-3168 D '67.

—Volintarskii, G.

Brother of a hero. E. A. Gulak. Vest. protivovozd. obor. no. 5:8-11 My '68.

—Volintarskii, V.

Brother of a hero. E. A. Gulak. Vest. protivovozd. obor. no. 5:8-11 My '68.

—Voroshilov, K. E.

Voroshilov, K. E. [Stories of my life. (Reminiscences)] *Rasskazy o zhizni. (Vospominaniia)*. Moscow, Politizdat, kn. 1, 1968, 388 p.

—Vygotskii, L. S.

Vygotskii, L. S. [The cultural and historical theory of thought. (Philosophical problems in psychology)] *Kul'turno-istoricheskaya teoriia myshleniia. (Filosof. problemy psikhologii)*. Moscow, "Vyssh. shkola," 1968, 104 p.

—Zaitsev, M. G.

M. G. Zaitsev, faculty professor of veterinary and sanitary expertise. Tekhn. KVI 99:355-357 '67.

—Zavallishin, D. A.

Dmitrii Aleksandrovich Zavallishin; obituary. Izv. AN SSSR, Energet. transp. no. 2:157-158 Mr '68.

930 Historical sciences. Historical research. Collateral and auxiliary sciences

Al'perovich, M. S. [Soviet historiography of the Latin American countries] *Sovetskaiia istoriografiia stran Latinskoj Ameriki*. Moscow, "Nauka," 1968, 80 p.

[Essays on the historiography of the Soviet society] *Ocherki po istoriografii sovetskogo obshchestva. Sbornik statei*. Pod red. M. E. Naidenova i dr. [Moskva], Izd. Mosk. un-ta, 1967, 320 p.

[New foreign books on the social sciences; economics, philosophy, history, international relations] *Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn.* vol. II no. 7 JI '68.

Problem of the emergence and development of the Soviet intelligentsia in present-day historical literature. I. M. Zerk. Ist. SSSR no. 2:148-156 Mr '68.

The Socialist Revolutionary Party in present-day bourgeois historiography. V. V. Garmiza, I. S. Zhurav. Ist. SSSR no. 2:185-202 Mr '68.

Scientific studies on the agrarian history of the Western Ukraine in the period of late feudalism. I. M. Grossman. Ist. SSSR no. 2:105-116 Mr '68.

930(439)—Hungary

The October Revolution and Hungary; recent works of Hungarian historians, 1906-1967. K. A. Nikolaienko. Ist. SSSR no. 2:202-205 Mr '68.

930(471.310)—Moscow City

In the Moscow Pedagogical Institute named after V. I. Lenin. N. A. Etimov. Ist. SSSR no. 2:217-218 Mr '68.

930(471.61)—Novosibirsk Province

Session of Don Valley scholars devoted to the 50th anniversary of the October Revolution. E. I. Demeshina. Ist. SSSR no. 2:218-219 Mr '68.

930(5)—Asia

Certain problems of Oriental culture at the Tartu conference. A. V. Gerasimov, E. V. Zavadskaya, B. L. Ogibenn. Nar. Az. i Afr. no. 2:244-247 '68.

The Lomonosov readings at the Institute of Oriental Languages of Moscow State University. Z. G. Lapina, E. K. Nikitov. Nar. Az. i Afr. no. 2:235-238 '68.

Oriental studies in Georgia during 50 years (commemorative). N. V. Komatsidze. Nar. Az. i Afr. no. 2:247-250 '68.

The Scientific and Popular Section of the Leningrad Branch of the Institute of the Peoples of Asia of the Academy of Sciences of the U.S.S.R. M. V. Etkseva. Nar. Az. i Afr. no. 2:238-235 '68.

A UNESCO project for the study of the civilization of the Central Asian peoples. I. S. Niroshnikov. Nar. Az. i Afr. no. 2:253-257 '68.

930(6)—Africa

Among the Africanists of Yugoslavia and Bulgaria. G. A. Korasov. Nar. Az. i Afr. no. 2:250-254 '68.

930.1 History as a science. Theory. Philosophy. Ozhigov, O. I. [The nature of historic necessity] *Priruda istoricheskoi neobkhodimosti. Teoriia, "Meisleniia"*. 1967, 136 p.

Economic and cultural types and the historical process. B. V. Andrianov. Sov. otn. no. 2:22-34 Mr '68.

Podkorylov, G. A. [Historicism as a scientific method of knowledge] *Istorizm kak metod nauchnogo poznaniia*. Leningrad, Izd. Leningr. un-ta, 1967, 100 p.

930.2 Method. Study of sources

How to ensure continuity in the presentation of the anti-fascist struggle in history. A. I. Iudin. Ukr. ist. zhur. II no. 5:116-123 My '68.

Private correspondence as a source of history. Z. D. Lisman. Ist. SSSR no. 2:224 Mr '68.

Professor S. N. Valk's 80th birthday. S. O. Smid. Ist. SSSR no. 2:220-222 Mr '68.

930.25 Archives. Public records

How to keep and arrange our archives. A. Savol'eva. Sots. zhen. no. 5:51-52 My '68.

930.25(471.4)—Central and Lower Volga Regions

Skavastin, P. N. [Monuments of the Imeretino culture] *Pamiatniki Imeretinskoi kul'tury. Pod obshch. red. B. A. Ryukova*. Moscow, "Nauka," 1967, 95 p. Illus. (Archeologiya SSSR. Sbornik arheologicheskikh issledovaniy, No. 11-32)

930.26 Archeology. Antiquities

930.26(479.243)—Nagorno-Karabakh Autonomous Province

Multilayer site in Nagorno-Karabakh Autonomous Province. H. B. Golushev. Dokl. AN Azerb. SSR 23 no. 10: 62-65 '67.

930.26(476)—Moldavian S. S. R.

Rikman, F. A. [A monument of the great migration of nations. Excavation of an ancient settlement and burial ground of the Chernyakhov culture near the village of Budeshly] *Pamiatnik epochi velikogo pereseleniia narodov. Po zaskopkam poseleniia i mogil'nika Chernyakhovskoi kul'tury u sela Budeshly. Kishinev, "Karla Moldovenko"*, 1967, 138 p. (Arheologicheskie pamiatniki Moldavi. Vyp. 1).

930.26(479.224)—Abkhaz A. S. S. R.

Shorvashidze, L. A. [Story of a city conquered by waves] *Povesi o gorode, vziatom volnami. Sukhum, "Alashars"*, 1967, 93 p.

930.26(571.63)—Maritime Territory

Shaykurov, E. V. [The state of Bokhal and the monuments of its culture in the Maritime region] *Gosudarstvo Bokhal i pamiatniki ego kul'tury v Primor'e*. Leningrad, "Nauka," 1968, 128 p.

930.26(73)—United States of America

Russian heritage in Alaska; prospects for its ethnographical study. J. W. Van Stone, W. H. Oswalt. Sov. otn. no. 2:128-131 Mr '68.

930.27 Epigraphy and paleography

930.27(477)—Ukrainian S. S. R.

Recent discoveries of Old Russian graffiti. S. O. Vysotskiy. Ukr. ist. zhur. II no. 5:103-109 My '68.

930.27(519.3)—Mongolian People's Republic

Are the Orkhon inscriptions verses or prose? V. M. Zhirmanskii. Nar. Az. i Afr. no. 2:74-82 '68.

931 Ancient history

931(540)—India

The Roerich Roadmap. N. I. U. Lubetskaya. Nar. Az. i Afr. no. 2:238-241 '68.

94 MEDIEVAL AND MODERN HISTORY

[The colonial policy of capitalist states. (1870-1914). A practical manual for correspondence students of the faculties of history of pedagogical institutes] *Kolonial'naiia politika kapitalisticheskikh derzhav. (1870-1914). Praktikum dlia studentov-nauchnikov ist. fak. ped.* In-tov. Osv. red. E. E. Uroevskain, Moskva, "Prosvetshenie," Vyp. 1, 1967, 376 p.

94(430)—Germany

The Great October Revolution and Soviet Germany relations. G. H. Gornshkova. Ist. SSSR no. 2:210-211 Mr '68.

94(438)—Poland

The July Manifesto. K. Malczynski. Nov. vrim. 2 no. 30:19-20 Ju '68.

94(44)—France

The Popular Front in France and the national liberation movement in Vietnam in 1936-1940. N. N. Melnik. Gornshkova. Nar. Az. i Afr. no. 2:38-48 '68.

94(474.3)—Latvian S. S. R.

[History of the Latvian S. S. R. A short course] *Latvijas PSR vesture. Salisvats kurss. 2., parlatinaiia un papildinata izdevums*. A. Dzirula red. Riga, "Zinatne," 1967, 752 p. [in Latvian]

94(477)—Ukrainian S. S. R.

Introduction of Academician B. L. Paton, president of the Academy of Sciences of the Ukrainian S. S. R. Dep. AN USSR, Sov. R. 30 no. 3:196-201 Mr '68.

94(518.3)—Mongolian People's Republic

Sources of Soviet-Mongolian friendship. L. L. Ierle. Nar. Az. i Afr. no. 2:131-138 '68.

94(530)—Arab countries as a bloc

The medieval Arab East in the "Journal of the Oriental and Social History of the Orient." L. A. Shchegoleva. Nar. Az. i Afr. no. 2:170-180 '68.

94(540)—India

[History of India in the Middle Ages] *Istoriia Indii v Srednie veka*. Moskva, "Nauka," 1968, 726 p.

94(56)—Near East

Arabia's expansionism and the Palestinian refugees. S. Astakhov. Mezhdunar. zhurn. 15 no. 1:66-74 '64.

94(63)—Ethiopia and Eritrea

Problems of Ethiopia's history in the "Journal of African History." 1960-1965. V. G. Yuliva. Nar. Az. i Afr. no. 2:161-168 '68.

94(720)—Central America

Al'perovich, M. S. [Soviet historiography of the Latin American countries] *Sovetskaiia istoriografiia stran Latinskoj Ameriki*. Moskva, "Nauka," 1968, 80 p.

94(8)—South America

Al'perovich, M. S. [Soviet historiography of the Latin American countries] *Sovetskaiia istoriografiia stran Latinskoj Ameriki*. Moskva, "Nauka," 1968, 80 p.

948.53 History of World War II, 1939-1945

Aerial engagements. P. P. Shumarin. Vest. protivovozd. obor. no. 5:95-96 My '68.

Afanas'ev, N. M. [The first volleys] *Pervyo zalyh. Moskva, Voenizdat*, 1967, 188 p.

At the airport. N. Kholovskii. Tyi i snab. Sov. Voor. Sil. 28 no. 2:40-43 F '68.

At the Volga frontage; on the 25th anniversary of the defeat of the fascist German troops around Stalingrad. A. Tarolov. Tyi i snab. Sov. Voor. Sil. 28 no. 2:43-51 F '68.

The combat path of an armored train division. N. S. Chernov. Tyi i snab. Sov. Voor. Sil. 28 no. 1:13-15 Ja '68.

[Criminal objectives and criminal means. Documents concerning the policy of fascist Germany in the occupied parts of the U. S. S. R. (1941-1944)] *Prestupnye islovi - postupnye sredstva. Dokumenty ob okkupatsionno-fashistskoi Germanii na territorii SSSR (1941-1944 gg.)*. Moskva, Politizdat, 1968, 383 p.

An exploit of the army and the people. I. G. Panina. Vest. protivovozd. obor. no. 11:84-87 Ja '68.

For the happiness of the people. I. Troitskii. Tyi i snab. Sov. Voor. Sil. 28 no. 1:16-18 Ju '68.

Fuel and military equipment. V. Starukhin. Tyi i snab. Sov. Voor. Sil. 28 no. 2:69-71 F '68.

He was always in the forefront. Vest. protivovozd. obor. no. 1:88 Ja '68.

In the name of life on earth. E. B. Sorokin and others. Vest. protivovozd. obor. no. 3:91-94 Mr '68.

In the name of victory. I. Georgiev. Tyi i snab. Sov. Voor. Sil. 28 no. 1:20-21 Ja '68.

In the stormy skies of 1942. G. Pshenianski. I. Shchegoleva. Av. i kosm. no. 6:81-84 My '68.

Kanevskii, D. [Westward] *Na Zapad*. Washington, Viktor Kamkin Inc., 1968, 178 p.

The living dedicated to the fallen. I. Tokhin. Tyi i snab. Sov. Voor. Sil. 28 no. 2:34-35 F '68.

"Malaya Zomiyia." I. Shilan. Tyi i snab. Sov. Voor. Sil. 28 no. 2:28-32 F '68.

Minig divlens. S. Borzanko. Voen. znan. 44 no. 6: 12-11 Je '68.
On a combat mission. A. Krylov. Av. kosm. no. 5-74: 75 My '68.

[People of legends. Sketches on guerrillas and members of the underground, heroes of the Soviet Union.] Liudi legend. Ocherki o partizanskikh i podpol'shchikakh - Gerolakh Sovetskogo Soyuza. [Moskva, Politizdat]. Vyp. 3. 1968. 591 p.

The patriot's helper in combat. V. M. Khikhatov. Voen. protivovozd. obron. no. 5-92 My '68.

Pashkin, N. N. [Homeland, I am asking to enlist... Members of the Komsomol defending the Arctic regions.] Rodina, prosbu zachisli!... Komsomol'tay na zaschite Zapol'ar'ia. Murmanek. Kn. izd., 1968. 95 p.

Radical change in the work of Soviet home front areas during the Great Patriotic War. G. D. Komkov. Ist. SSSR no. 2: 22b-228 Mr.-Ap '68.

Reminiscences of Soviet servicemen on the liberation of Czechoslovakia and Germany. N. O. Podgelskiy, A. A. Dibrav. Ist. SSSR no. 2: 207-209 Mr.-Ap '68.

Single combat with tanks. A. M. Amosov. Voen. protivovozd. obron. no. 5-93 My '68.

The Soviet Armed Forces on the eve of the Great Patriotic War. F. N. Kiklin. Komm. Vooruzh. Sil. no. 4-6-15 F '68.

Two battles. V. K. Glushin. Voen. protivovozd. obron. no. 5-94-95 My '68.

Vershinin, M. M. [Morning behind the frontlines.] Utro za liniei fronta. Moskva, "Znanie," 1960. 61 p. (Proletariatskaya knizhka).

Will never fade... K. Agodinskii. Rech. tranap. 26 no. 4-52-53 Ap '68.

The years of ordeal of war. N. Lovchenko. Tyl i snab. Sov. Voor. Sil. 28 no. 2: 32-35 F '68.

Zukov, S. I. [A front-line press during the Great Patriotic War.] Frontovaya pechat' v gody Velikoi Otechestvennoi volny. Moskva, Izd. Moak. un-ta, 1968. 147 p.

640. 53(471. 55)—Chelyabinsk Province

[The party organization of Chelyabinsk Province during the Great Patriotic War, 1941-1945. A collection of documents and materials.] Partinialna organizatsiia Cheliabinskoi oblasti v Velikoi Otechestvennoi volno, 1941-1945. Sbornik dokumentov i materialov. [Cheliabinsk] Izd. Ural'skoi kn. izd., 1967. 378 p.

640. 53(471. 63)—Slavropol Territory

Heroes do not die. I. Prozorova. Sals. znaka. no. 5: 16-20 My '68.

640. 53(470. 1)—Yugoslavia

[Historical atlas of the liberation war of the Yugoslav peoples in 1941-1945.] Istoricheski atlas osvoboditel'noi volny narodov Yugoavlii 1941-1945. Belgrade, Izd. "Jugoslavija," 1967. 1 v.

640. 53(674)—Kazakh S. S. R.

[Kazakhstan in the Great Patriotic War. Sketches.] Kazakhstan v Velikoi Otechestvennoi volno. Ocherki. Pod obshch. red. S. M. Pokrovskogo. Alma-Ata, "Nauka," Vyp. 1. 1968. 201 p.

647 HISTORY OF RUSSIA, U.S.S.R.

Some aspects of studying the participation of workers in carrying out the over-all collectivization of agriculture, 1929-1932. I. I. Lyubim. Ukr. ist. zhur. II no. 5: 138-142 My '68.

Academicians A. A. Rybakov on his 60th birthday. F. Sh. Ukr. ist. zhur. II no. 5: 136-137 My '68.

Aleksandr Andreevich Novoselskiy: obituary. Ist. SSSR no. 2: 230-231 Mr.-Ap '68.

Appropos of A. M. Sakharov's review. M. I. Volkov. Ist. SSSR no. 2: 228-229 Mr.-Ap '68.

Avrekh, A. I. [The Third Duma and the failure of Stolypin's Bonapartism. Author's abstract of a dissertation for the degree of Doctor of History.] Troia Duma i proval stolypinskogo bonapartizma. Avtoreferat dissertatsii na soiskanie uchonoj stepeni doktora istoricheskikh nauk. Moskva, 1967. 31 p.

[MICROFILM]

Baranovskaya, V. P. [Soldiers imprisoned in the Poles' First Fortresses] Soldaty-pavlovtsy. Leningrad, Leningrad, 1968. 44 p. (Uzanki Petropavlovskoi kreposti). Documents on U.S.S.R. foreign policy. M. Sergeev. Nov. vrem. 26 no. 31: 30 Ap '68.

[From the history of the sociopolitical movement in Russia in the 10th century. (Materials of the Department of Written Sources of the State Historical Museum.)] Iz istorii obshchestvenno-politicheskogo dvizheniia v Rossi i XIX veka. (Materialy otdela pis'mennykh istochnikov Gosudarstvennogo istoricheskogo muzeia). Pod red. S. S. Dmitrieva. Moskva, 1967. 69 p.

Hardships did not frighten us. A. Cherenpanov. Tyl i snab. Sov. Voor. Sil. 28 no. 2: 23-27 F '68.

History of a forgotten discussion: Napoleon's "diversions" against eorifom in 1812. A. O. Teriakovskii. Ist. SSSR no. 2: 25-43 Mr.-Ap '68.

History of the soviets during the last 60 years. S. A. Artem'ev. Ist. SSSR no. 2: 167-169 Mr.-Ap '68.

Ivan Nikolaevich Shebalin: obituary. Ist. SSSR no. 2: 237 Mr.-Ap '68.

Kargalov, V. V. [Foreign policy factors in the development of feudal Rus', Feudal Rus' and the nomads.] Vneshnepoliticheskie faktory razvitiia feodal'noi Rusi. Feodal'nai Rus' i kochovniki. [Moskva, "Vyssh. shkola," 1967] 263 p.

Kaparinskaya-Ovsianikova, S., and Z. Ogryzko. [Methods of planning an exhibit on the history of the U.S.S.R. (The period of capitalism, 1917-1961).] Metodika postroeniia ekspozitsii po istorii SSSR. (Period kapitalizma 1917-1961 gg.). Moskva, 1967. 140 p. Loyalty to traditions. V. Arkhipenko. Kommunist 45 no. 7-96-102 My '68.

A new source for the history of grain prices in 16th century Russia. G. V. Abramovich. Ist. SSSR no. 2: 117-118 Mr.-Ap '68.

Our readers appraise the work of our periodical. Ist. SSSR no. 2: 222-224 Mr.-Ap '68.

[Pages from the history of past battles. Studies in the military history of Russia.] Stranitsy boi'vogo proshlogo. Ocherki voen. istorii Rossii. Moskva, "Nauka," 1968. 383 p.

The party has organized the creation of the foundations of socialism in 1925-1932. I. Ivankov. Komm. vooruzh. sil. 44 no. 7-90-86 Ap '68.

Russian absolutism and its role in the consolidation of capitalism in Russia. A. I. Avrekh. Ist. SSSR no. 2: 104-104 Mr.-Ap '68.

647(471. 332)—Leningrad City

Ezhov, V. A. [Workers of Leningrad in the postwar years (1946-1950).] Rabochie Leningrada v poslevoennye gody 1946-1950. Leningrad, Izd. Leningr. un-ta, 1968. 110 p.

[Women of Leningrad. Reminiscences. Sketches. Documents.] Leningradki. Vospominaniia. Ocherki. Dokumenty. Leningrad, Leningrad, 1968. 415 p.

647(471. 332)—Smolensk Province

[Smolensk. The 100th anniversary of the first mention of this city in annals. (Materials of an anniversary scientific conference)] Smolensk. K 100-letii pervogo upominaniia goroda v letopisi. (Materialy nauchnoi nauch. konferentsii). Smolensk, 1967. 269 p.

647(471. 6)—Northern Caucasus

Struve, V. V. [Studies in the history of the northern Black Sea region, the Caucasus, and Central Asia.] Etudy po istorii Severnogo Prichernomor'ia, Kavkaza i Srednei Azii. Leningrad, "Nauka," 1968. 355 p.

647(471. 632)—Karachay-Cherkess Autonomous Republic

[Studies in the history of the Karachay-Cherkess region.] Ocherki istorii Karachayevskoi-Cherkesskoi. Stavropol', Kn. izd.

T. I. [From the ancient period to the Great October Socialist Revolution.] S drevneiishikh vremen do Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. 1967. 609 p.

647(470)—White Russia S. S. R.

Zavalev, N. E. [The working class of White Russia in struggle for socialism. 1917-1932.] Rabochii klass Belorussii v bor'bu za sotsializma. 1917-1932 gg. Minsk "Nauka i tekhnika," 1967. 314 p.

647(477)—Ukrainian S. S. R.

The centenary of the First Kiev Shoe Factory. S. T. Popov, II. I. Stankevych. Ukr. ist. zhur. II no. 5: 132-133 My '68.

Founding of the city of Horlivka and the origin of its name. II. I. Bohun. Ukr. ist. zhur. II no. 5: 101-103 My '68.

How the West European authors of the late 16th century described the role of the Ukrainian Cossacks in the struggle against the Turkish aggression (to be continued). D. S. Nalyvaiko. Ukr. ist. zhur. II no. 5: 142-147 My '68.

Peasant unrest in Poland during the now intensification of revolutionary movement in 1910-1914. S. D. Plakhotnik. Ukr. ist. zhur. II no. 5: 114-115 My '68.

Reflection of the sociopolitical views of the Ukrainian people in the historical songs of the 16th century. O. M. Apogorich. Ukr. ist. zhur. II no. 5: 75-85 My '68.

647(477. 6)—Western Ukraine

How Marxism influenced the dissemination of revolution and democratic ideas in West Ukrainian regions. S. M. Zupko. Ukr. ist. zhur. II no. 5: 17-23 My '68.

Soviet studies on the agrarian history of the Western Ukraine in the period of late feudalism. I. U. M. Grossman. Ist. SSSR no. 2: 105-118 Mr.-Ap '68.

647(476)—Moldavia S. S. R.

Mark Dorosievich Rikhs: obituary. Ist. SSSR no. 2: 237 Mr.-Ap '68.

647(479)—Caucasus and Transcaucasia

Struve, V. V. [Studies in the history of the northern Black Sea region, the Caucasus, and Central Asia.] Etudy po istorii Severnogo Prichernomor'ia, Kavkaza i Srednei Azii. Leningrad, "Nauka," 1968. 355 p.

647(479. 25)—Armenian S. S. R.

Nerkerarian, V. N. [Some general rules and special aspects of the building of socialism in Armenia.] O noko-torykh zakonmerenostakh i osobennostakh stroitel'stva sotsializma v Armenii. Erevan, "Astan," 1967. 61 p.

647(479. 224)—Abkhaz A. S. S. R.

Dzidzarila, G. A. [Studies in the history of Abkhazia, 1810-1921.] Ocherki istorii Abkhazii, 1810-1921. Tbilisi, "Sakhchta Sakartvelo," 1963. 404 p.

647(571)—Aralic R. S. F. S. R.

Early history of the economic conquest of Transbaikalia and the Amur Valley by the Russian population. The second half of the 17th century. V. A. Alekandrov. Ist. SSSR no. 2: 44-61 Mr.-Ap '68.

A jubilee conference in Novosibirsk. I. G. Kardash and others. Ist. SSSR no. 2: 214-217 Mr.-Ap '68.

Viktor Ivanovich Shunkov: obituary. Ist. SSSR no. 2: 232-238 Mr.-Ap '68.

647(575)—Central Asia

Struve, V. V. [Studies in the history of the northern Black Sea region, the Caucasus, and Central Asia.] Etudy po istorii Severnogo Prichernomor'ia, Kavkaza i Srednei Azii. Leningrad, "Nauka," 1968. 355 p.

647(575. 4)—Turkmen S. S. R.

Martynov, S. Z. [History of Anglo-Russian rivalry in Central Asia relating to incorporation of Turkmenistan into Russia.] Iz istorii anglo-russkogo supernichestva v Srednei Azii v svyazi s priedinceniem Turkmeni k Rossii. Ashkhabad, "Turkmenistan," 1956. 41 p. [MICROFILM]

647.084 History of Russian Revolution, 1917-1920

Doluts, G. K. [Kirov during the revolution. S. M. Kirov's role in the struggle for the victory of the socialist revolution.] Kirov v revoliutsii. Rol' S. M. Kirova v bor'be za pobedu sotsialisticheskoi revoliutsii. [Krasnodar] Kraendarekne kn. izd., 1967. 267 p.

Efforts of the proletarian to organize socialist production. V. I. Novich, O. I. Shkretun. Ist. SSSR no. 2: 119-125 Mr.-Ap '68.

Gorodetskiy, E. N. [New developments in studying the history of the Great October Revolution.] Novoe v izuchении istorii Velikogo Oktobra. Moskva, "Znanie," 1968. 64 p. (Novoe v zhizni, nauke, tekhnike, Seriya "Talents," 4).

Groups for the proletarian nationalization of land. A. A. Chupov. Uch. zap. TGU no. 68: 75-81 '67.

Khebabov, N. M., P. S. Evlanov, and I. A. Volodikhin. [The legendary regiment of Chernov.] Legendarnaii Chernovskii. [Moskva] "Znanie," 1967. 271 p.

Kondrat'ev, N. D. [Vladimir Azin, commander of an army division.] Nakhodiv Vladimir Azin. Moskva, Voenizdat, 1968. 235 p. (Sovetskoe polkovodiat' i voennaii uchi).

Motor vehicle drivers during the heroic days of October. V. Gogish. Aviatransp. no. 16: 60-61 O '67.

Party struggle for developing the socialist revolution and strengthening the Soviet regime. A. Pinsulov. Komm. Vooruzh. Sil. 49 no. 4: 72-73 F '68.

Patish internationalists in the struggle against the Kornilov uprising in 1917. I. I. Gulinkovich. Ukr. ist. zhur. II no. 5: 68-74 My '68.

[Revolutionary movement in the Russian Army. Feb. 27-Oct. 24, 1917. Documents.] Revolutsionnoe dvizhenie v russkoi armii. 27 febr. - 24 okt. 1917 g. Sbornik dokumentov. Pod red. L. S. Caponenko. Moskva, "Nauka," 1968. 621 p.

Soups of Soviet-Mongolian friendship. L. E. Martini. Nar. Az. i Lit. no. 2: 131-136 '68.

With the spirit of revolution imbedded in the heart. V. Abramian. Prom. Arm. 10 no. 11: 61-62 '67.

647.084(471. 332)—Leningrad City

The first tribunal in Petrograd. P. Kamenskii. Sots. zakon. no. 5: 13-22 My '68.

Komissar of the fortress of St. Peter and Paul. Armo. Malkhasian. Prom. Arm. 10 no. 11: 65-67 '67.

647.684(471. 315)—Ivanovo Province

[For the role of the soviets. A collection of documents and reminiscences.] Za vlast' soveto. Sbornik dokumentov i vospominani. [Iaroslavl'] Verkhno-Volzhskoi kn. izd., 1967. 447 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 44)—Saralov Province

Terekhin, S. V. [The years of fiery battles. The Saralov Bolshevik organization during the October Revolution and civil war. (October 1917-1926).] Gody ognova. Sarat. organizatsiia bolshevikov v period Oktabr'skoi revoliutsii i grazhd. volny. (Okt. 1917-1926). Saratov, Privolzh. kn. izd., 1967. 212 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 44)—Saralov Province

Terekhin, S. V. [The years of fiery battles. The Saralov Bolshevik organization during the October Revolution and civil war. (October 1917-1926).] Gody ognova. Sarat. organizatsiia bolshevikov v period Oktabr'skoi revoliutsii i grazhd. volny. (Okt. 1917-1926). Saratov, Privolzh. kn. izd., 1967. 212 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

647.684(471. 323)—Karak Province

[The Karak Government during the foreign armed intervention and the civil war. (1918-1920).] Kurakskai guberniia v gody inostrannoi voennoi interentsii i grazhdanskoi volny. (1918-1920). Veronezh, Tsent. Chernozem. kn. izd., 1967. 369 p.

[Under the banner of the Great October Revolution. A collection of the reminiscences of participants in the struggle for Soviet rule in Moldavia and the Bolshevik underground in Bessarabia in 1917-1940]. Pod znamenem velikogo Oktabria. Sbornik vospominaniy uchastnikov borby za vlast' Sovetov v Moldavii i konimunist. podpol'ia v Bessarabii 1917-1940 gg. Kishinev, "Karlia moldaventskae," 1967. 308 p.

947.044(571.61)—Soviet Far East
History of the preparation and promulgation of the Constitution of the Far East Republic. IU. N. Gavril. Ist. zap. TGU no. 56:10-18 (1967).

947.054(571.651)—Chukchi National District

[The struggle for Soviet rule on the Chukchi Peninsula (1919-1923). A collection of documents and materials.] Bor'ba za vlast' Sovetov na Chukotke (1919-1923 gg.) Sbornik dokumentov i materialov. [Magadan] Magadan-skoe kn. izd., 1967. 265 p.

AUXILIARY CLASS BY PLACE

(177) Undeveloped and undeveloped areas

see under the following numbers: 323.2; 330.2; 532.4; 538.96; 592

(211) Cold, frigid regions

see under the following numbers: 358.4; 621.315; 63.69.95

(234) Mountains of Europe

see under the following numbers: 549; 551.3; 551.5; 551.7; 552; 553

(235) Mountain of Asia

see under the following numbers: 548; 550.4; 550.8; 551.7; 552; 553

(261) Oceans, Sea

see under the following numbers: 551.5; 581.3; 581.5; 591.5; 621

(261) Atlantic Ocean

see under the following numbers: 639.2; 651.2; 551.46; 591.5; 597

(261.1) North Atlantic Ocean

see under the following numbers: 551.40; 551.5; 607; 639.2

(261.3) Baltic Sea, with Gulfs

see under the following numbers: 629.127; 551.40; 597; 629.127; 639.2

(262) Mediterranean Sea, including Adriatic and Aegean Seas

see under the following numbers: 355.7; 592; 610

(262.5) Black Sea

see under the following numbers: 639.2; 639.3; 551.46; 551.7; 591.5

(262.8) Caspian Sea

see under the following numbers: 551.3; 551.40; 543.3; 599

(265) Pacific Ocean

see under the following numbers: 551.40; 577.4; 582; 591.5; 597; 639.2

(267) Indian Ocean

see under the following numbers: 601.5; 597; 639.2

(267.51) Red Sea

see under the following numbers: 591.5; 629.123

(268) Arctic Ocean

see under the following numbers: 551.40; 59; 591; 591.5; 594; 595; 597; 639.2

(282.24) European rivers

see under the following numbers: 551.48; 555.48; 628.4; 656.6

(282.25) Asian rivers

see under the following numbers: 543.3; 550.6; 551.48; 627.1

(285) Lakes, ponds, etc.

see under the following numbers: 551.3; 552

(4 9.103) Communist countries of the world

see under the following numbers: 327; 330.2; 338; 382

(4 9.104) Capitalist countries of the world

see under the following numbers: 30.07; 300.46; 303; 323.2; 323.3; 327; 329.04; 330; 339.10; 331; 331.8; 332.5; 339; 339.97; 355.02; 382; 533; 553; 553.0; 889.22

(4) Europe

see under the following number: 551.7

(4.0) European capitalist countries

see under the following numbers: 327; 330.2; 355.02; 62

(4.1) United Kingdom and Northern Ireland

see under the following numbers: 20.07; 32; 327; 330.96; 341.2; 355.7; 621.67; 640; 691.4

(430) Germany

see under the following numbers: 300.582; 327; 94

(431) German Democratic Republic

see under the following numbers: 351; 381; 381.5; 553; 608; 62; 629.1; 621.87; 622.3; 657; 658.1; 677

(433) Federal Republic of Germany

see under the following numbers: 323; 327; 329.14; 355.02; 657; 904.1

(437) Czechoslovakia

see under the following numbers: 323; 327; 329.08; 330.2; 347.0; 351.57; 581; 591.6; 621.311; 625.7; 658.6; 667; 677; 69.05

(438) Poland

see under the following numbers: 68.00; 327; 329.00; 330.2; 358; 347.063; 551.2; 551.7; 592; 711.4; 78; 94

(439) Hungary

see under the following numbers: 300.682; 608; 930

(44) France

see under the following numbers: 323; 331.2; 604.1; 63; 778.6; 702; 94

(45) Italy

see under the following numbers: 323; 324; 334; 35.05; 60; 701.4; 910

(469) Portugal

see under the following numbers: 325; 327

(470) European U. S. S. R.

see under the following numbers: 601; 338.1; 549; 550.3; 550.4; 550.8; 550.9; 551; 561.2; 551.3; 551.4; 551.48; 551.7; 551.8; 552; 553; 563.9; 595; 599; 631.4; 634.9

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

see under the following numbers: 343; 551.44; 658.1; 69; 7.04; 745

(471.1) Northern R. S. F. S. R.

see under the following numbers: 334; 338.1; 381; 621.311; 63; 631.2; 633.2; 639.1; 639; 638.08; 636.2; 639.3; 639.93; 639.1

(471.11) Archangel Province

see under the following numbers: 661.7; 552; 58; 581.6; 629.128

(471.111) Nenets National District

see under the following number: 639.2

(471.12) Vologda Province

see under the following numbers: 576.8; 577.4; 581.5; 629.19

(471.13) Komi A. S. S. R.

see under the following numbers: 378; 551.7; 553; 638

(471.2) Northwestern R. S. F. S. R.

see under the following number: 639.3

(471.21) Murmansk Province

see under the following numbers: 329.01; 551.3; 551.40; 551.7; 552; 581.5; 622.1; 627.8; 636.08; 636.2; 636.93

(471.22) Karelian A. S. S. R.

see under the following numbers: 381.5; 502.7; 551.2; 551.7; 552; 682.4; 631.52; 634.1; 677

(471.23) Leningrad Province

see under the following numbers: 329.01; 355.4; 551.7; 582.2; 622.3; 627.8; 634.1

(471.232) Leningrad City

see under the following numbers: 69.00; 323.3; 347.0; 355.4; 380.48; 391.5; 398; 618.6; 526.2; 62; 621.87; 648; 655; 656.1; 658.5; 658.8; 687; 69; 711; 610; 947; 947.084

(471.24) Novgorod Province

see under the following numbers: 329.01; 338.06; 69; 691.7; 69.95

(471.25) Pskov Province

see under the following numbers: 338.1; 399

(471.310) Moscow City

see under the following numbers: 690; 329.03; 316; 381.5; 51; 551.6; 581.6; 728; 930

(471.314) Moscow Province

see under the following numbers: 67; 329.01; 334; 338.1; 392.6; 398.40; 371.1; 381.6; 560.6; 551.4; 551.7; 679.0; 602.2; 614.2; 622.2; 622.3; 634.0; 634.1; 641; 690

(471.312) Tula Province

see under the following numbers: 622.3; 628.1

(471.313) Ryazan Province

see under the following numbers: 329.01; 373.68; 631.1

(471.314) Vladimir Province

see under the following numbers: 338.9; 343.963; 63; 658.5

(471.315) Ivanovo Province

see under the following numbers: 308.4; 389.1; 60; 581; 622.3; 668.7; 947.084

(471.318) Yaroslavl Province

see under the following numbers: 355.6; 551.7; 69.65

(471.317) Kostroma Province

see under the following numbers: 329.01; 621.314; 631.4

(471.318) Kaluga Province

see under the following number: 373.6

(471.32) Central Black Earth regions

see under the following numbers: 581.9; 699; 598.2; 599; 632; 634.0; 674

(471.321) Orel Province

see under the following number: 622.3

(471.322) Lipetsk Province

see under the following numbers: 31; 330

rk Province
the following numbers: 822.2; 631.4;
33; 947.084

ronozh Province
the following numbers: 551.3; 057;
03; 067

umov Province
the following numbers: 584.1; 634.1

odvin A. S. S. R.
the following numbers: 546.1; 581.2;
041.9; 590; 614; 010.2; 616.4;
016.7; 018.6; 010.98; 010.888; 018;
036.08; 036.2; 036.3; 036.4; 036.5;
725.7

alinin Province
the following numbers: 336.1; 362;
890.8; 651.48; 614

volensk Province
the following numbers: 31; 336; 362.1;
010.314; 014; 047

ryansk Province
the following numbers: 320.01; 331;
031.4; 031.8; 633

ge-Vysika regions
the following numbers: 027.8

orky Province
the following numbers: 381.6; 550.8;
024.1; 030.2; 858.0; 087

rov Province
the following numbers: 661.4; 553;

Marl A. S. S. R.
the following number: 016.3

Chuvali A. S. S. R.
the following numbers: 331.8; 501; 63

ntel and Lower Volga regions
the following numbers: 366.1; 651.4;
571; 031.4; 711.2; 930.25

atar A. S. S. R.
the following numbers: 302.8; 308.1;
551.3; 651.48; 561.7; 563; 663.0;
022.2; 622.3; 636.3; 057; 725.4

lysnovsk Province
the following numbers: 368; 60; 725.0;

nybyshev Province
the following numbers: 320.01; 308.48;
660.8; 021; 022.2; 625.2; 627.6;
057; 606.0; 60

Saratov Province
the following numbers: 320.02; 338.1;
388.48; 610.3; 022.2; 024.1; 027.8;
047.084

Volgograd Province
the following numbers: 358.4; 551.48;
014.7; 022.3; 022.6; 627.8; 628.3;

Astrakhan Province
the following numbers: 035.1; 664.7;

Jiel regions
the following numbers: 546; 561.7;
68; 022.2; 634.0; 058.3; 058.8; 725.4

Udmurt A. S. S. R.
the following numbers: 336; 605; 587;
2; 011

(471.52) Bashkir A. S. S. R.
see under the following numbers: 378; 553.8;
022.2; 622.3; 835.1; 65.01; 657; 678.7

(471.63) Perm Province
see under the following numbers: 362.1; 551.48;
665; 587.8; 022.2; 624.1; 631.1; 632.8

(471.53) Komi-Permyak National District
see under the following number: 910

(471.54) Sverdlovsk Province
see under the following numbers: 334; 551.5; 616.0;
622.2; 622.3; 622.6; 022.8; 631; 632; 656.2;
658.3; 68; 728

(471.55) Chelyabinsk Province
see under the following numbers: 308; 320.02;
381.5; 622.8; 631.4; 669.1; 087; 040.53

(471.56) Orenburg Province
see under the following numbers: 550.8; 577.4;
622.8; 665.6

(471.6) Northern Caucasus
see under the following numbers: 560.4; 651.48;
551.7; 562; 553; 599; 622.5; 656.2; 947

(471.61) Rostov Province
see under the following numbers: 338.1; 551.48;
581.1; 631.4; 631.5; 631.8; 033; 635.0; 657;
058.5; 063; 036

(471.62) Krasnodar Territory
see under the following numbers: 550.8; 653;
621; 622.3; 631.1; 631.4; 631.8; 033; 642;
664.1; 664.8; 660.0; 728

(471.63) Stavropol Territory
see under the following numbers: 661.48; 651.5;
581.1; 631.8; 033; 940.53

(471.632) Karachay-Cherkess Autonomous Province
see under the following number: 947

(471.64) Kabardino-Balkar A. S. S. R.
see under the following numbers: 631.4; 057;
658.7

(471.65) North Ossetian A. S. S. R.
see under the following numbers: 551.48; 672;
013.1; 014.7; 64

(471.68) Chechen-Ingush A. S. S. R.
see under the following numbers: 378; 552; 622.3

(471.67) Dagestan A. S. S. R.
see under the following numbers: 351.85; 37;
651.4; 627; 631.62; 033; 664

(474.2) Estonian S. S. R.
see under the following numbers: 320.01; 330.116;
334; 35; 551.5; 656.1; 668.8; 668.0

(474.3) Latvian S. S. R.
see under the following numbers: 31; 320.01;
338; 347.9; 374; 622.3; 631.4; 660.1;
666.1; 666.5; 668.7; 702; 910; 915; 94

(474.5) Lithuanian S. S. R.
see under the following numbers: 329.02; 343;
382; 51; 619.8; 53; 681.1; 624; 631.6;
633; 635.6; 656.4; 667; 68; 664.7; 677;
69.02

(478) White Russian S. S. R.
see under the following numbers: 07; 328.01;
338.8; 343; 355.5; 307; 368.48; 371.7;
384.6; 577.39; 695; 016.00; 621.01; 621.306;
621.67; 622.3; 824; 025.7; 631.3; 631.4;
631.5; 631.62; 633; 633.2; 635.9; 636.2;
650.1; 657; 658.5; 044.1; 69; 781; 790;
910; 947

(477) Ukrainian S. S. R.
see under the following numbers: 61; 60.08; 061;
069; 07; 30; 300.2; 323.2; 327; 329.01;
329.02; 331.8; 336.1; 336.0; 338.08; 340.86;
342; 343.8; 343.077; 347.9; 347.963; 347.986;
35.08; 351.75; 351.83; 351.85; 351.87; 352;
37; 370.17; 374; 381.5; 388.1; 398; 51; 52;
54; 541.4; 548; 550.8; 551.2; 551.3; 551.48;
551.49; 551.5; 551.7; 552; 553; 582; 576.8;
581; 582.2; 582.4; 583; 597; 614.8; 618;
621; 621.01; 621.1; 621.3; 621.31; 621.311;
621.43; 621.5; 621.74; 621.67; 621.9; 622.1;
622.2; 022.3; 622.8; 027.8; 63; 631; 631.1;
041.3; 631.4; 631.5; 631.52; 634.6; 637; 641;
055; 658.1; 658.6; 658; 658.1; 658.2; 658.3;
058.5; 659; 601.4; 003; 664; 664.1; 664.6;
664.8; 665; 666; 660.18; 674; 676; 685; 687;
69; 69.02; 69.05; 691.3; 691.4; 7.05; 718;
725.1; 738; 741; 745; 790; 830.27; 94; 947;
047.084

(477.61) Donets Basin
see under the following numbers: 352; 370.17; 301;
548.4; 550.3; 550.4; 551.48; 653; 60; 60;
014.7; 621.311; 622.2; 622.3; 622.6; 622.8;
628.3; 658.3; 080.14

(477.6) Western Ukraine
see under the following numbers: 300.1; 320.01;
343.977; 347.0; 347.003; 351.62; 374; 551.48;
551.7; 552; 502; 022.2; 629.113; 658.7; 064;
678; 947

(477.68) Transcarpathia
see under the following numbers: 308; 550.8;
551.48; 551.7; 552; 653

(477.9) Crimea
see under the following numbers: 540.1; 540.3;
540; 550.8; 551.2; 551.48; 551.7; 552; 553;
582; 583; 581.2; 581.6; 624; 664.6; 668

(478) Moldavian S. S. R.
see under the following numbers: 320.02; 338.1;
343; 343.915; 643; 656.8; 551.48; 551.7;
671; 581.5; 581.6; 631.1; 636.08; 639.2;
650.1; 664.4; 930.26; 947; 047.084

(479) Caucasian and Transcaucasia
see under the following numbers: 651.48; 633;
608.1; 614.8; 610; 636.0; 605; 947

(479.22) Georgian S. S. R.
see under the following numbers: 69; 321; 34;
651.3; 651.48; 551.5; 661; 682.4; 022.2;
027.8; 628.1; 035.1; 635.0; 031.62; 635.0;
065; 066.1; 084.8

(479.224) Abkhaz A. S. S. R.
see under the following numbers: 31; 338; 551.7;
582.4; 015.8; 031.4; 632.0; 630.20; 047

(479.24) Azerbaijan S. S. R.
see under the following numbers: 320.01; 378; 381;
381.6; 550.3; 550.8; 551.2; 551.40; 551.7;
552; 553; 553.0; 662.2; 501.2; 506; 016;
016; 060; 610; 022.2; 622.3; 631.4; 631.6;
633; 635.0; 630.3; 630.3; 660.1; 660.8; 667;
660.5; 681.1; 005.5; 060.0; 094; 716

(479.242) Nakhichevan A. S. S. R.
see under the following numbers: 031.8; 633

(479.243) Nagorno-Karabakh Autonomous Province
see under the following number: 036.26

(479.25) Armenian S. S. R.
see under the following numbers: 301; 336; 362.1;
370.17; 374; 39; 648.8; 670.8; 682.2; 62;
021; 021.31; 021.6; 621.8; 621.74; 621.06;
622; 622.2; 622.3; 627.8; 63; 060.1; 060.3;
06; 663; 669; 800.2; 674; 677; 678.7; 68;
607; 711; 741; 947

(480) Finland
see under the following numbers: 338; 382

(481) Norway
see under the following number: 636.00

(485) Sweden
see under the following numbers: 7.05

- (489) Denmark
see under the following numbers: 518.0
- (491.1) Iceland
see under the following number: 551.2
- (492) Netherlands
see under the following number: 621.87
- (493) Belgium
see under the following number: 358.4
- (494) Switzerland
see under the following numbers: 332.4
- (495) Greece
see under the following number: 711.4
- (496) European communist countries as a group
see under the following numbers: 327; 336.2; 332.4; 338.98; 340.6; 343; 381.5; 382
- (497.1) Yugoslavia
see under the following numbers: 336.2; 34; 347.9; 388; 624; 612; 846.53
- (497.2) Bulgaria
see under the following numbers: 67; 336.1; 650.8; 826; 677; 786
- (498) Rumania
see under the following numbers: 327; 328.65; 330.2; 339; 556.8; 620.6; 780
- (5) Asia
see under the following numbers: 360.45; 32; 323.15; 333; 39; 341.1; 672; 66; 612; 630
- (51) China
see under the following numbers: 28; 323.2; 327; 328.06; 332.6; 338.98; 616.0
- (510) Korea
see under the following number: 396
- (519.3) Mongolian People's Republic
see under the following numbers: 323.3; 330.2; 331; 531.2; 553; 606; 616.6; 630.27; 94
- (52) Japan
see under the following numbers: 306; 323; 327; 326.14; 546.3; 865
- (539) Arab countries as a bloc
see under the following numbers: 323.2; 327; 94
- (540) India
see under the following numbers: 312; 323; 327; 338; 42; 810; 931; 04
- (55) Iran
see under the following numbers: 327; 336.2
- (58) Near East
see under the following numbers: 355.4; 94
- (590) Turkey
see under the following numbers: 330.2; 341.2
- (567) Iraq
see under the following numbers: 333; 36.08; 362; 622.2
- (569.4) Israel
see under the following number: 327
- (57) Asiatic U. S. S. R.
see under the following numbers: 306.2; 331; 338.1; 381; 623.18; 623.7; 650.3; 661.4; 665; 666.2; 590; 621.311; 83; 631.2; 831.4; 832.95; 833.2; 836.1; 838; 836.08; 836.2; 836.63; 830; 839.1; 856.7; 868.687; 886.9
- (571) Asiatic R. S. F. S. R.
see under the following numbers: 539; 546; 548; 549; 651.2; 651.48; 551.5; 651.7; 552; 653; 662; 581.9; 595; 599; 616.0; 621.311; 625; 63; 691.1; 947
- (671.11) Kurgan Province
see under the following numbers: 380.11; 627.1
- (571.12) Tyumen Province
see under the following numbers: 379; 553; 621.6; 822.2; 622.3; 627.2; 628.1; 636.93; 650
- (571.121) Yamal-Nenets National District
see under the following numbers: 636.08; 636.2; 639.1
- (671.122) Khanty-Mansi National District
see under the following number: 639.2
- (871.13) Omsk Province
see under the following numbers: 543.3; 631.4; 659.8
- (671.14) Novosibirsk Province
see under the following numbers: 355.6; 627.8; 658.8
- (571.15) Altai Territory
see under the following numbers: 329.01; 36; 551.3; 552; 553; 631; 590; 616.0; 661.1; 664.7; 728
- (671.161) Gorno-Altai Autonomous Province
see under the following numbers: 543.3; 609; 616.0
- (571.16) Temuk Province
see under the following numbers: 313; 352; 576.8; 614.2; 615.3; 616.3; 610.8; 616.9; 616.080; 631.4; 680.5;
- (571.17) Kemerovo Province
see under the following numbers: 356.6; 663; 621.311; 622.2; 622.3; 622.7; 687
- (571.51) Krasnoyarsk Territory
see under the following numbers: 326.04; 370.17; 546.7; 661.7; 552; 621.6; 627.8; 834.0; 636.63; 693.6
- (571.511) Taymyr National District
see under the following numbers: 631.1; 636.60; 636.2
- (571.512) Evenki National District
see under the following number: 639.1
- (671.513) Khakass Autonomous Province
see under the following numbers: 822.3; 869.28
- (571.52) Tuva A. S. S. R.
see under the following numbers: 342; 549; 553; 595; 599
- (671.53) Irkutsk Province
see under the following numbers: 666; 543.3; 643.6; 649; 651.7; 563; 553; 616.0; 827.8; 631.4; 633.2; 674
- (671.54) Buryat A. S. S. R.
see under the following numbers: 31; 338; 650.4; 562; 661.1; 661.5; 682.4; 598.2; 631.4; 831.6; 636.3; 639.4; 669.74
- (671.55) Chita Province
see under the following numbers: 549; 661.2; 562; 553; 622.1
- (571.58) Yakut A. S. S. R.
see under the following numbers: 338; 651.2; 651.7; 562; 653; 699; 627.8; 632.95; 639.1
- (571.6) Soviet Far East
see under the following numbers: 342; 650.3; 599; 618; 838.1; 89; 947.084
- (571.61) Amur Province
see under the following number: 631.4
- (671.62) Khabarovsk Territory
see under the following numbers: 334; 651.40; 599; 657
- (671.63) Maritime Territory
see under the following numbers: 582.4; 660; 616.9; 619; 631.4; 636.1; 657; 664; 630.28
- (671.64) Sakhalin Province
see under the following numbers: 651.3; 551.43; 822.2
- (671.66) Magadan Province
see under the following numbers: 631.3; 636.03; 636.2; 636.5; 659
- (571.651) Chukchi National District
see under the following numbers: 629; 656.0; 725.3; 947.984
- (571.66) Kamchatka Province
see under the following numbers: 650.3; 651.2; 552; 667; 609; 633.2; 636.98; 630.2; 639.2
- (574) Kazakh S. S. R.
see under the following numbers: 333; 336.0; 368.1; 533; 549; 556.8; 551.2; 551.3; 551.48; 551.59; 551.7; 552; 553; 600; 616.9; 616.988; 62; 622.2; 622.3; 622.4; 622.6; 622.7; 622.8; 624; 626.0; 627.1; 627.6; 631.1; 631.3; 631.4; 631.8; 633; 64; 650.1; 657; 858.1; 658.3; 639.7; 639.8; 68.89; 664.7; 680.16; 680.2; 689.4; 657; 681.2; 685; 89; 601; 646.53
- (575) Central Asia
see under the following numbers: 365; 610; 627.3; 629; 620.1; 631.3; 631.4; 631.52; 631.8; 632; 833; 647
- (675.1) Uzbek S. S. R.
see under the following numbers: 31; 331.8; 332.7; 336.1; 336; 338.1; 339.08; 361; 368.6; 369; 660.3; 661.2; 661.6; 661.7; 553; 621.01; 621.313; 622.2; 622.3; 627.7; 625.7; 628.8; 631.5; 631.8; 633; 635.1; 656.1; 658; 658.2; 664.6; 664.8; 67; 677; 678.5; 665; 60; 711.1
- (675.172) Kara-Kalpak A. S. S. R.
see under the following numbers: 330.0; 651.7; 562; 570.8; 630.2
- (675.2) Kirghiz S. S. R.
see under the following numbers: 651.6; 661.2; 616.1; 627.8; 636.3; 656.1; 656; 603; 664.1
- (575.3) Tajik S. S. R.
see under the following numbers: 60; 320.05; 347.9; 347.663; 560.4; 563; 66; 562; 647.8; 656.1; 684.7
- (675.4) Turkmen S. S. R.
see under the following numbers: 651.49; 651.7; 572; 676.8; 677; 661.4; 661.5; 662.2; 662.4; 697; 698.2; 619; 622.3; 622.6; 627.2; 627.6; 632; 639.3; 656.1; 683; 647
- (681) Afghanistan
see under the following number: 625.7
- (691) Burma
see under the following number: 63
- (597) Vietnam
see under the following numbers: 323.2; 327; 355; 356.4
- (597.3) South Vietnam
see under the following numbers: 323.2; 327; 910
- (6) Africa
see under the following numbers: 32; 323.2; 330.2; 341.1; 7.8; 638
- (62) Northeast Africa, Egypt and Sudan
see under the following numbers: 66.09; 313; 319; 627.6
- (63) Ethiopia
see under the following numbers: 94; 366

and Northwest African territories
the following number: 910

and North Central Africa
the following numbers: 32; 323; 323.1;
38.9; 35.08; 355.4; 39; 910

al, South Central and East Africa
the following number: 331

the following numbers: 232.15; 550.8;
6; 665.6

(728) Central America
see under the following number: 94

(729) West Indies
see under the following number: 327

(729.1) Cuba
see under the following numbers: 323.15; 910

(73) United States of America
see under the following numbers: 308; 323; 323.15;
327; 330.2; 332.6; 341; 341.2; 343; 343.077;
35.08; 355.02; 355.4; 336.5; 330; 382; 36;
533; 549; 550.8; 553.9; 612.8; 622.2; 631.5;
631.6; 658.1; 930.26

(8) South America
see under the following numbers: 28; 323; 323.1;
324; 672; 821.039; 94

(910) Indonesia
see under the following numbers: 329.00; 343.8

(931) New Zealand
see under the following number: 308

(94) Australia (Commonwealth)
see under the following numbers: 308; 327; 341.2

(98) Arctic and North Polar regions
see under the following numbers: 540; 551.5; 66;
508.2; 618

(99) Antarctica. South Polar regions
see under the following numbers: 550.3; 550.8
551.3; 551.4; 551.6; 552

IN ENGLISH

- AKADEMIYA NAUK SSSR. Institut geokhimi i analiticheskoi khimii.**
Analysis of high-purity materials. I. P. Allnair, editor. Translated by I. Schnurak. Jerusalem, [Israel] Program for Scientific Translations, 1958. xviii, 584 p. 25 cm. Translation of *Metody analiza vysokichestvennoy vysokoi chistoty*.
QD131. A3513 68-5805
- AKADEMIYA NAUK USSR. Kiev. Institut kibernetiky.**
Character trends and pattern recognition [edited by] V. A. Kovalevsky. Translated by A. M. Karpovich and A. M. Leavitt. New York, Spartan Books [1968] ix, 267 p. 25 cm. Translation of *Chislustchie otuly i raspoznavanie obrazov*.
Q327. A4213 66-17216
- ARDAMATSKII, VASILII.**
Saturn is almost invisible [by] Vasilii Ardamatsky. [Translated from the Russian by Faina Glagoleva. Moscow, Progress Publishers, 1957] 327 p. 21 cm. Translation of "*Saturn*" pochitno videt.
PZ3. A0757Sat 68-5073
- BEREZANSKII, IURII MAKAROVICH.**
Expansions in eigenfunctions of selfadjoint operators. by Ju. M. Berzanskii. [Translated from the Russian by R. Holslein and others] Providence, American Mathematical Society, 1968. ix, 809 p. 24 cm. (Translations of mathematical monographs, v. 17) Translation of *Razlozhenie po sobesvaynym funktsiiam samooprizhennykh operatorov*.
QA320.114313 67-22347
- BOGORODITSKII, N. P.**
Properties of electronic materials [by] N. P. Bogoroditskii [and] V. V. Pasyrkov. Translated for Scripta Technica and edited by R. C. Glass. Cambridge, Mass., Boston Technical Publishers [1967] 350 p. 25 cm. Translation of *Materialy v radioelektronike*.
TK7671. B013 1967 68-115181
- BUZZI, GIANCARLO.**
The life and times of Peter the Great; translator [from the Italian] Ben Johnson. London, Hamlyn, 1968. 76 p. 30 cm.
DK131. B813 68-113838
- CHARNOCK, JOAN (THOMSON).**
Red revolutionaries. the life of Lenin: a story biography [by] Joan Charnock; illustrated by Clyde Penraen. London, Methuen, 1968. 150 p. 20 cm.
DK254. L4C477 68-115500
- CHIKHOV, ANTON PAVLOVICH, 1860-1904.**
The portable Chikhov. Edited, and with an introd., by Avraha Yarmolinsky. New York, Viking Press [1968] 634 p. 10 cm. (The Viking portable library, P35)
PG3454. A13V3 1968 68-6059
- CONQUEST, ROBERT.**
Justice and the legal system in the U. S. S. R., edited by Robert Conquest. New York, P. A. Praeger [1968] 152 p. 23 cm.
LAW 68-26181
- CONQUEST, ROBERT.**
The great terror; Stalin's purge of the thirties. [1st American ed.] New York, Macmillan [1958] xiv, 633 p. 24 cm.
DK207. C65 1968 68-17613
- CONQUEST, ROBERT.**
The Soviet police system; editor: Robert Conquest. London, Sydney [etc.] Bodley Head, 1968. 103 p. 23 cm.
HV8224. C012 68-117384
- DAVIS, JEROME, 1891- ed.**
The new Russia: between the first and second live year plans. With an introd. by Edward M. House. Freeport, N. Y., Books for Libraries Press [1968] xiv, 285 p. 22 cm.
DK266. D3 1968 68-22008
- DAVYDOV, IURII.**
The October revolution and the arts, artistic quest of the 26th century: Tolstoi, Dik, Mayakovsky. Eisenstein [by] Yuri Davydov. [Translated from the Russian by Bryan Bean and Herrard Mearns] Moscow, Progress Publishers [1967] 351 p. Translation of *Oktyabr'skaya revoliutsiia i khudozhestvennoye iskanie XX veka*.
FX556. H9D383 68-118082
- MARCAVE, SIDNEY SAMUEL, 1916-**
Russia, a history, by Sidney Marcave. 6th ed. Philadelphia, Lippincott [1968] xv, 767 p. 24 cm.
DK41. M3 1968 68-27861
- HORELICK, ARNOLD LAWRENCE, 1924-**
Fifty years after October: party and society in the USSR [by] Arnold L. Horelick. [Santa Monica, Calif., Ford Corp.] 1967. 69 p. 28 cm. (Ford Corporation Paper) P-3630
AS36. R28 no. 3630 68-5422
- HOWE, GEORGE MELVYN.**
The Soviet Union [by] G. Melvyn Howe. London, Macdonald & Evans, 1968. xix, 403 p. 23 cm.
DK17. H6 68-116200
- IVANOV, MIROSLAV.**
Leiden and Prague. [Translated from the Czech by Marian Wilbichan; ill. by Zdenek Nzel; chit ed.: Lubek Prokopov; edited by E. Lauer] Prague, Orbis, 1967. 122 p. 25 mm.
DK253. L440 I 7013 68-5003
- JACKSON, WILLIAM ARTHUR DOUGLAS, 1923-**
The Russo-Chinese borderlands: zone of peaceful contact or potential conflict? by W. A. Douglas Jackson. 2d ed. Princeton, N. J., Van Nostrand [1968] 150 p. 21 cm. (Von Nostrand searchlight book no. 2)
DK740. S. R833 1968 68-0548
- KAGANOFF, S.**
Practical scientific Russian [by] S. Kaganoff. New York, Gordon and Breach [1967] 342 p. 24 cm.
PG2112. K3 68-28007
- KATAEV, VALENTIN PETROVICH, 1897-**
The small farm in the steppe, by Valentin Kataev. [English translation by Anna Dostock] London, Lawrence & Wishart, 1958. 285, [1] p. 21 cm. Translation of *Kholovok v stepi*.
PG3476. K3R513 68-114378
- KOTOV, IVAN IVANOVICH.**
Architektura Odessy: [pulevoitell'] The monuments of Odessa. [Ivan Ivanovich Kotov, Aleksandr Troitskiy Ustikov] Odessa, Matka, 1967. 97 p. 22 cm. [Russian and English]
NA1107. O3K6 68-30844
- LAPIN, BORIS ARKAD'EVICH.**
Monkeys for science [by] Boris Lapin [and] Eiman Fridman. [Moscow] Novosti Press Agency Pub. House [1969?] 107 p. 18 cm.
QL737. P0128 68-5791
- LAWRENCE, JOHN WALDEMAR, 1907-**
Soviet Russia [by] John Lawrence. New York, D. White [1968, 1967] 127 p. 26 cm.
DK32. L36 1968 68-18407
- LENNIN, VLADIMIR ILICH, 1870-1924.**
The three sources and three component parts of Marxism. Karl Marx. Frederick Engels [by] V. I. Lenin. Moscow, Progress Publishers, 1967. 81 p. 20 cm. Translation of *Tri istochnika i tri sostavnykh chasti marksizma*.
HX56. L4543 68-113344
- MATTHEWS, WILLIAM KLEESMANN, 1901-1944**
Languages of the U. S. S. R., by W. K. Matthews. New York, Russell & Russell [1968] ix, 174 p. 21 cm.
P381. R8M3 1968 68-15331
- MCKENZIE, A. DEAN.**
Greek and Russian icons and other liturgical objects in the Collection of Mr. Charles Hollen Kewer [by] A. Dean McKenzie. Milwaukee, University of Wisconsin [1965] 44, 35 p. 28 cm.
N7827. M3 64-6211
- NENAROKOV, A. P.**
Russia in the twentieth century; the view of a historian, by Albert P. Nenarokov. With forew. by Herman Tilov and Georgi Isachenko. [Translated from the Russian by David Windheim. New York, Macmillan, 1968. viii, 309 p. 24 cm.
DK246. N4513 68-12152
- OBIAZOVANIE VZROSLOYKI V SSSR. Institut obshchestvennykh nauk na URSR. Education of adults in the U. S. S. R. Moscow, 1960. 88 p. 22 cm. [Russian, French and English]
LC5250. H8023 68-413555**
- PERSKY, SERGE M., 1870-1948.**
Contemporary Russian revolutionists. Translated by Frederick Eisenmann. Freeport, N. Y., Books for Libraries Press [1968] vi, 317 p. 22 cm. Translation of *Los maitres du roman russe contemporain*.
PG3095. P42 1968 68-24464
- POKROVSKII, MIKHAIL NIKOLAEVICH, 1868-1932**
Brief history of Russian [by] M. N. Pokrovsky. Translated by D. S. Minsky. New introd. by Peter H. Walde. [2d ed. Orono, Me.] University Press of Maine [1968] xvii, 295, 340 p. 23 cm. (U. S. S. R. series, v. 5) Translation of *Russkii istoriia v dvadtsatyi vek*.
DK40. P63 1968 68-16441
- REEVE, FRANKLIN D., 1928- comp.**
Contemporary Russian drama, selected and translated by Franklin D. Reeve. With a pref. by Valentin Rozov. New York, Pergamon [1968] 303 p. 23 cm.
PG3245. R42 68-21619
- SKTH, RONALD.**
Milestones in Russian history. [Int. ed.] 1968. Philadelphia, Chilton Book Co. [1968] v, 182 p. 21 cm.
DK41. S408 68-11679
- SIANIN, NIKOLAI ALEKSANDROVICH.**
Constructive real numbers and constructive real spaces, by N. A. Sianin. [Translated from the Russian by E. Mendelson] Providence, R. I., American Mathematical Society, 1968. iv, 325 p. 24 cm. Translation of mathematical monographs, v. 21.
QA390. S4313 68-19417
- SMITH, EDWARD ELMS.**
The Okhrana—the Russian Department of Internal Affairs. bibliography, by Edward Elms Smith with the collaboration of Rudolf Lednicky. [Stanford, Calif.] Hoover Institution on War, Revolution, and Peace, 1967. 127 cm. (Hoover Institution bibliographical series, 11)
Z7105. R6565 68-26422
- TOMPFER, AMY BRUNGARIT.**
Conquering the wind, by Amy Brungart Tompfer and Agnes C. Drelling. Edited by Victor C. Leiker. [Garwood, N. J., V. C. Leiker, 1968] viii, 268 p. 28 cm.
F087. E3T6 68-8551
- VEINK, ALBERT IOZEFOVICH.**
Thermodynamics for the foundryman [by] Albert I. Veink. English translation [from the Russian] by G. M. West, edited by H. K. Barlow. London, Macmillan, 1968. xx, 363 p. 23 cm.
TS230. V3643 68-117394

CE RAMON.
Secondary schools for the mathematically
Washington, National Council of Teachers
[1908] xi, 100 p. 23 cm.
0V63 68-36961

GRIGORI] 1883-1936.
m and war. (The attitude of the R. S. D. L. P.
war.) Moscow, Progress Publishers,
20 cm. Translation of Sotsializm i rolna.
2423 1087 68-113339

ILIN PAVLOVICH.
to da Viet [by] V. P. Zubov. Translated
nestan by David H. Krans. Cambridge,
University Press, 1966. xvii, 335 p. 25 cm.
y of Leonardo da Vinci. 67-27096

WESTERN EUROPEAN LANGUAGES

CHINGIZ.
ensary. Traduit du kirghiz par l'auteur et
Le Champ maternel. Traduit du kirghiz
et Nina Branche. Paris, Éditions tran-
s, 1968, 363 p. 16 cm.
60A3014 68-113872

IGNAZIO.
ismo e avanguardia in Russia. Roma, Ed-
1906, 266 p. 21 1/2 cm. (Nuova biblioteca
77)
FOA4 68-117651

la città comunista. [Di] A. Baburov [et al.]
di Alborio Pescotto, 88 illustrazioni. Mi-
ggeloro, 1968, 171 p. 21 cm. Translation
enrico russo italiano.
71310 68-117416

NIKOLAI ALEKSANDROVICH, 1814-1870.
pensaci i anarkhii. Enfilade et anarchie,
Michel Bakounine. Traduit par Marcel
édition et annotations de Armin Lehning.
J. Urii, 1967. xxx, 465 p. 28 cm. (Ar-
kounine, 3)
B22 68-82600

I, ENIDANO, 1921-
der Blok. L'armonia o il caos nel suo mondo
ilano, U. Mursia, 1966, 266 p. 20 cm.
terari del Novecento. Sezione russa, n. 21
102018 68-114780

AL, 1961.
cción a la lingüística caística. [La trans-
numerito atónia la sido hecha por Luis
y revisada por el autor. Salamanca] Univ-
salamanca, 1960, 96 p. 25 cm. (Acta Salma-
filosofía y letras, t. 15, num. 1)
116 68-112177

VSKI, 1863-1963: l'homme, le meilleur en-
teur; Stanislavski et le théâtre mondial; ex-
a correspondance de Stanislavski. [Souvenirs
ar Alice Orano; lettres traduites par Cyrille
ention de Irina Fomina] Moscou, Éditions
s [1966] 316 p. 22 cm.
8. 878C2 68-61246

KYI, DMYTRO, 1894- comp.
des russeschen Futurismus. Hrsg. von
chilzowski]. Wiesbaden, O. Harrassowitz,
p. 18 cm. (Hochelberger slavische Texte, 7)
P8C6 68-49681

ANÇOIS XAVIER.
dition russe ... 3^e édition mise à jour. Pa-
res universitaires de France, 1967, 126 p.
uc sats-je? No 980)
17. C65 1087 68-113942

MUT, 1926-
etische Mittheilungen in der Sicht des
rletags der KPDSt. [XV], Bundesinstitut
wissenschaftliche und Internationale Studien,
21. 1. 30 cm. (Berichte des Bundesinstituts
wissenschaftliche und Internationale Studien.
eologie. 2: Dialektischer Materialismus und
osophie, Nr. 17)
447. Nr. 17 68-113208

DERIBABIN, PETR SERGEEVICH, 1921-
Peltier de Staline [par] Pierre Deribabine et Frank
Gibney. Traduit de l'américain par Pierre Copin...
Paris, Fayard, 1968. 275 p. 20 cm. Translation of
The secret world. 68-115972

EFIMOV, NIKOLAI VLADIMIROVICH, 1910-
Éléments de géométrie analytique [par] N. Efimov.
[Traduit du russe par Mikhaïl Rygalov] 2. éd. rev.
Moscou, Éditions Mir, 1966. 269 p. 22 cm. Transla-
tion of Kratkii kurs analiticheskoi geometrii.
QA551.E3715 1966 68-T12220

EL' KONIN, DANIL BORISOVICH.
Zur Psychologie des Vorschalters. [Von] O. B.
Fikotin. (Die Entwicklung des Kindes vor der Geburt
bis zum 7. Lebensjahr.) Deutsche Übersetzung und
Redaktion: Elke Jähritz. [U] [veränderte] N[euaufl.] d
Berlin, Volk und Wissen, 1967, 235 p. 24 cm. Trans-
lation of Detskaja psichologiya.
BF721.E3815 1967 68-117103

50 [i. e. FÜNFZIG] JAHRE DEUTSCH-SOWJETISCHE
BEZIEHUNGEN, 1917-1967. (Herausgeber: Institut
für Internationale Beziehungen. Chefredaktion: Hans
Wittor. Aut. Berlin, Deutscher Verlag der Wissen-
schaften, 1967) 208 p. 24 cm. (Deutsche Außenpolitik.
Sonderheft, 1967)
DD261.4.D352 1967 Suppl. 68-114828

FUCHS, DÁVID RÁFÁEL, 1884- comp.
Volkslichtung der Kornj (Syrjén) gesammelt und
hrsg. von H. Fuchs-Fuchs. Budapest, Akadémiai
Kiadó, 1951, 472 p. 21 cm.
F111052.5.F6 68-62661

GÄNTZEL, HANS HELMUT.
Wladimir Solowjows Rechtsphilosophie auf der
Grundlage der Stittlichkeit. Frankfurt am Main,
V. Klostermann [1968] xii, 311 p. 23 cm. (Juristische
Abhandlungen, Bd. 3)
Law 68-116367

HAYIT, BAYMIRZA.
Sowjetrussischer Kolonialismus und Imperialismus
in Turkestan als Beispiel des Kolonialismus neueren
Stils gegenüber einem islamischen Volk in Asien.
Osteuropa, Anthropological Publications, 1965, 120 p.
24 cm. (Studien und Materialien aus dem Institut für
Menschen- und Gesellschaftswisse, 2)
DK857.113 68-112846

IKRAMI, DZIALAL.
La fille du feu; roman [par] Djalil Ikrami. [Traduit
du russe par Antoinette Mazzzi] Moscou, Éditions du
Progrès [1966] 810 p. 17 cm. Translation of Doch'
ognia.
PK997.8.6.1.35n814 68-116768

KAHLE, WILHELM, 1914-
Aufsätze zur Entwicklung der evangelischen Gemein-
den in Russland. Leiden, E. J. Brill, 1962, xvi, 207 p.
25 cm. (Oekumenische Studien, 4)
BX8027.K28 68-112173

KAROTAMMI, NIKOLAI GEORGIEVICH.
Geschichtliches zur Lehre von der sozialistischen
Landwirtschaft [von] N. G. Karotammi. [Übers. von
Helmuth Hesselbarth. 1. Aufl.] Berlin, Dietz Verlag,
1962, 121 p. 28 cm. Translation of K istorii selskoi
o sotsialisticheskogo sel'skogo khozjajstva.
HD1962.K3415 68-113605

KASACK, WOLFGANG.
Die Akademie der Wissenschaften der UdSSR: Über-
blick über Organisation und Aufgaben; Verzeichnis der
Institute. [Bd Godesburg] Deutsche Forschungsge-
meinschaft, 1967, 60 p. 21 cm.
AS262.A80K3 68-114616

KATAEV, VALENTIN PETROVICH, 1897-
Das Erdbeermännchen [von] Valentin Katajcw. [Aus
dem Russischen von Helene Waldschütz] Bilder von
Jamez Grabianski. Wien, Feldberg, Ueberreuter
[1966] 12 l. 28 cm. Translation of Dudechka i kuvshin-
chik.
PZ34.K33 68-115668

KOROL'KOV, IURII MIKHAILOVICH.
Der Mann, für den es keine Geheimnisse gab,
Richard Sorge in Tokio. [Von] Iuri Korolkow. [Aus
dem Russischen von Otto Braun.] Berlin, Verlag Kul-
tur und Fortschritt, 1967, 282 p. 20 cm. Translation
of Chelevec, dlia kotorogo ne bylo tajn.
UR271.R6285765 68-114377

KUMPF-KORFES, SIGRID.
Bismarcks "Draht nach Russland." Zum Problem
der sozial-ökonomischen Hintergründe der russisch-
deutschen Foktreindung im Zeitraum von 1878 bis 1901.
Berlin, Akademie-Verlag, 1968, xvii, 219 p. 25 cm.
(Quellen und Studien zur Geschichte Osteuropas, Bd. 10)
DD120.R8K8 1968 68-117694

LENIN, VLADIMIR IL'ICH, 1870-1924.
Sur la phrase révolutionnaire, articles et discours
sur les erreurs des "communistes de gauche" concer-
nant la conclusion de la paix de Brest-Litovsk [par]
V. Lénine. Moscou, Éditions du Progrès [1965] 175 p.
20 cm.
D614.R6135 68-51218

MAKARENKO, ANTON SEMENOVICH, 1888-1939.
Problèmes de l'éducation soviétique [par]
A. Makarenko. Moscou, Éditions du Progrès [1965]
201 p. 21 cm. Translation of Problemy shkol'nogo
sovetskogo vospitaniia.
T.B775.M33684 68-117744

MEHNERT, KLAUS, 1908- ed.
Die Sowet-Union, 1917-1932, systematische, mit
Kommentaren versehene Bibliographie der 1917-1932
in deutscher Sprache ausserhalb der Sowet-Union
veröffentlichten 1969 wichtigsten Bücher und Aufsätze
über den Bolschewismus und die Sowet-Union. Im Auf-
trag der Deutschen Gesellschaft zum Studium Ost-
europas unter Mitarbeit von Ritsch Blüch [et al.]
bearb. von Klaus Mehnert. New York, B. Franklin
[1968] x, 188 p. 24 cm. (Iurt Franklin bibliography
and references series, v. 200)
{Z2610} 68-115166/CD

MELIUKIN, SERAFIM TIMOFEEVICH.
Ostatkova del deantrolia en la naturaleza inorgáni-
ca [por] S. Meliukin. Versión española de Lydia Kuper
de Velasco. [l. col. en español] La Habana, Edición
Revolucionaria, 1966, 268 p. 23 cm. Translation of
O ostatki i zvestiya neorganicheskoi prirody.
DD446.M416 68-116366

MOSCOW, VSEROIUVNYI IURIDICHESKII ZACHINYI
INSTITUT.
Völkerrech. Gesamtsammlung: D. B. Lewin [und]
G. P. Kriusimaja. Berlin, Staatsverlag der Deutschen
Demokratischen Republik, 1967, 461 p. 25 cm. Trans-
lation of Mezhunarodnoe pravo.
JX3865.10.M665 68-113336

NAISKII, I. S.
Positivizmus in Vorgangenhelt und Gogonvart. Von
I. S. Naiski. [Übers. von einem Übersetzerkollektiv.
Wissenschaftlicher Bearbeiter: Günter Krüger.] Ber-
lin, Dietz, 1967, 626 p. 22 cm. Translation of Ochorki
na istorii pozitivizma and Sovremennyi pozitivizm.
B471.N314 68-116557

POLEYOI, BORIS NIKOLAEVICH.
Doktor Vera. Roman. [Von] Boris Polevoi. [Ana-
dori Russischen von Anna Specht. 2. Aufl.] Berlin, Ver-
lag Kultur und Fortschritt, 1969, 366 p. 20 cm.
Translation of Doktor Vera.
PG3478.P678D66 1968 68-115190

PONTIER, HAYMOND FRANÇOIS DENIS, 1788-1855.
Souvenirs du chirurgien Pontier, aide-major au
quartier général de la Grande Armée, sur la retraite
de Russie. Brive, Impr. Chastres et C^o, 1867,
20 p. 24 cm.
DC236.B.P6 1967 68-113428

POPOV, OLEK KONSTANTINOVICH, 1936-
Me vie de clown [par] Popov. Traduit du russe.
Paris, Stock, 1968, 226 p. 21 cm.
GV1811.P63A314 68-112611

PUSHKIN, ALEKSANDR SERGEEVICH, 1790-1837.
Die Hauptmannstochter [von] Alexander Puschkín.
Ins Deutsche übertragene sowie mit einem Nachwort
und Anmerkungen versehen von Johannes von Guenther.
Stuttgart, P. Reclam [1967, 1952] 160 p. 16 cm.
(Universal-Bibliothek, Nr. 1550/80) Translation of
Knyazhskii dochka.
PG3348.G5K32 68-114668

RÖRD, RAGNAR, 1921-
Zwei Studien über den produktiven Instrumental im
Russischen. Oslo, Universitetsforlaget, 1968 [i. e.
1967]. 84 p. 25 cm. (Dol Norská videnenskap-akademi
i Oslo. Avhandlingar. II, 1188. -Nies. klasse. Ny ser.,
no. 12)
AS283.O54 ny ser., no. 12 68-114174

RUBAN, MARIA ELISABETH.

Die Entwicklung des Lebensstandards in der Sowjetunion unter dem Einfluss der sowjetischen Wirtschaftspolitik und Wirtschaftsplanning. Berlin, In Kommission bei Duncker & Humblot, 1965. 204 p. 24 cm. (Osteuropa-Institut an der Freien Universität Berlin. Wirtschaftswissenschaftliche Veröffentlichungen, Bd. 23)

HD7035. R8

68-113769

SHULENKIN, VASILII VLADIMIROVICH, 1895-

Theorie der Meereswellen (Von) W. W. Schufelkin. Vom Verfasser neu bearb. und erg. Ausg. In deutscher Sprache hrsg. von Erich Bruns. [Übers. aus dem Russischen von Fritz Bartels] Berlin, Akademie-Verlag, 1960, vi, 158 p. 25 cm. Translation of *Teoriia morskikh voln*.

GC211. S515

68-113803

SKRZYPCZAK, HENRYK, 1926-

Marx-Engels Revolution; Standortbestimmung des Marxismus der Gegenwart. Berlin, Colloquium Verlag [1968] 120 p. 22 cm.

HX40. S568

68-117921

SOKOL'SKIĖ, A. P.

Lehrbuch der Schacherröffnungen. [Von] A. P. Sokol'ski. (Autorisierte Übersetzung aus dem Russischen: Hermann Mähaupt. 2., überarb. Aufl.) Berlin, Sportverlag, 1967. 406 p. 20 cm. Translation of *Shakhmatnyi debut*.

GV1430. S915 1967

08-113039

STÄHLIN VON STORCKSBURG, JAKOB, 1700-1765.

Originalankdolen von Peter dem Grossen; aus dem Munde angesehener Personen zu Moskau und Petersburg vernommen und der Vergessenheit entrissen. München, Winkler-Verlag [1968] 205 p. 20 cm. (Die Fundgrube, Nr. 34)

DK131. S76 1968

68-118800

STORA-SANDOR, JUDITH.

Isaac Babel', 1894-1941, l'homme et l'oeuvre. Paris, Klincksieck, 1968. 157 p. 23 cm. (Publications de la Faculté des lettres et sciences humaines de Paris-Nanterre. Essais, no. 2)

PG3476. B228

68-118056

TVARDOVSKIĖ, ALEKSANDR TRIFONOVICH, 1910-

Wassili Tjorkin. Ein Poem. [Von] Alexander Twardowski. Nachdichtung von Hugo Huppert. (Mit einer Nachwort von Hugo Huppert. 2. Aufl.) Berlin, Volk und Kultur u. Fortschritt, 1968. 280 p. 20 cm. Translation of Vasilii Terkin.

PG3476. T85V315 1968

68-11474

WELZ, HELMUT.

Verrätene Grenadiere. (3. Aufl.) Berlin, Deutscher Militärverlag, 1967. 333 p. 21 cm.

D704. W45 1967

66-113400

ZADONSHCHINA. French & Russian (Old Russian)

La Zadonščina, épopée russe du xv^e siècle. [Trad. par] A. Vaillant... Paris, Institut d'études slaves, 1967, xx, 49 p. 25 cm. (Textes publiés par l'Institut d'études slaves, 8)

PG13. T4 vol. 8

62-11588

Monthly Index *of* Russian Accessions



Volume 21, No. 8

November 1968

THE LIBRARY OF CONGRESS
WASHINGTON : 1968

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1956 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1956. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in these libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$23.00 a year domestic, \$5.75 a year additional for foreign mailing.

L. C. card, 48-46562

* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

VOLUME 21, NO. 8

NOVEMBER 1968

TABLE OF CONTENTS

	Page
Guide to Subject Classifications.....	ix
Subject Classes Arranged Alphabetically.....	xx
Part A—Monographic Works	
1. General.....	1957
2. Bibliography.....	1957
3. Philosophy & Religion.....	1957
4. History.....	1957
5. Social Sciences.....	1958
6. Political Science.....	1960
7. Law.....	1960
8. Education.....	1960
9. Music, Theater & Motion Pictures.....	1960
10. Fine Arts.....	1961
11. Language, Literature & Folklore.....	1961
12. Geography & Geology.....	1962
13. Science.....	1963
14. Medicine.....	1965
15. Agriculture.....	1966
16. Technology.....	1966
17. Military & Naval Sciences.....	1970
Part B—Periodicals	
1. General	
a. Scholarly journals.....	1971
b. Popular magazines.....	1974
2. Bibliography	
a. Bibliography.....	1975
b. Libraries & library science.....	.....
c. Printing & the book trade.....	1975
3. Philosophy & Religion	
a. Philosophy.....	1975
b. Religion.....	1975
4. History	
a. General.....	1975
b. Archaeology & antiquities.....	.....
5. Social Sciences	
a. Commerce.....	1976
b. Economics.....	1976
c. Finance.....	.....
d. Labor.....	1979
e. Sociology.....	1979
6. Political Science.....	1979
7. Law.....	1980
8. Education	
a. General.....	1981
b. Physical education & games.....	1981

	Page
9. Music, Theater & Motion Pictures	
<i>a.</i> Motion pictures.....	1981
<i>b.</i> Music.....	1982
<i>c.</i> Theater.....	1982
10. Fine Arts	
<i>a.</i> General.....	1982
<i>b.</i> Architecture.....	1982
11. Language, Literature & Folklore	
<i>a.</i> Language.....	1982
<i>b.</i> Literature & folklore.....	1982
12. Geography & Geology	
<i>a.</i> Ethnology.....	.....
<i>b.</i> Geography.....	1983
<i>c.</i> Geology & paleontology.....	1983
13. Science	
<i>a.</i> General.....	1987
<i>b.</i> Astronomy.....	1991
<i>c.</i> Biology.....	1991
<i>d.</i> Chemistry.....	1997
<i>e.</i> Mathematics.....	2003
<i>f.</i> Physics.....	2005
14. Medicine	
<i>a.</i> General.....	2009
<i>b.</i> Gynecology, obstetrics & pediatrics.....	2015
<i>c.</i> Neurology & psychiatry.....	2015
<i>d.</i> Ophthalmology & otorhinolaryngology.....	2016
<i>e.</i> Pathology & therapeutics.....	2016
<i>f.</i> Pharmacy & materia medica.....	2016
<i>g.</i> Public health & nursing.....	2017
<i>h.</i> Surgery & dentistry.....	2017
<i>i.</i> Venereology & dermatology.....	.....
15. Agriculture	
<i>a.</i> General.....	2017
<i>b.</i> Animal industry.....	2019
<i>c.</i> Forestry.....	2020
<i>d.</i> Plant culture.....	2021
16. Technology	
<i>a.</i> General.....	2021
<i>b.</i> Aeronautics.....	2027
<i>c.</i> Chemical technology.....	2028
<i>d.</i> Civil & construction engineering.....	2032
<i>e.</i> Electrical engineering.....	2040
<i>f.</i> Industries & trades.....	2046
<i>g.</i> Mechanical engineering.....	2048
<i>h.</i> Mining & metallurgy.....	2055
17. Military & Naval Sciences	
<i>a.</i> Military science.....	2064
<i>b.</i> Naval science	2064
Part C—List of Periodicals Indexed and Abbreviations Used.....	2066
Subject Index to Monographs and Periodicals.....	2071
Part D—Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages recently cataloged by the Library of Congress	2239

- PRONSHTEN, A. P. [The use of auxiliary historical fields in the study of sources. A methodological textbook for correspondence students of historical faculties of universities.] *Ispol'zovanie vspomogatel'nykh istoricheskikh disciplin pri rabote nad istochnikami. Ucheb.-metod. posobie dlia studentov-zachetnikov ist. fak. gos. un-iv. Moskva, Izd. Mosk. un-ta, 1987, 66 p.*
- [RECENT HISTORY OF FOREIGN COUNTRIES. Europe and America. 1917-1945.] *Novel'shaya istoriya zarubezhnykh stran. Evropa i Amerika 1917-1945.* [Izd. 2-e, dop. i pererabot.] Moskva, "Prosveshchenie," T. I. 1987, 543 p.
- SAVOSTENKO, V. M. [Communists of the Kuznetsk Basin were the organizers of the creative development of the masses (1929-1937).] *Kommunisty Kuzbassa - organizatory tvorcheskogo pod'nema mass (1929-1937 gody).* Alma-Ata, "Kauka," 1987, 162 p.
- SMIRNOV, N. K. [Sailors defend the motherland.] *Matrosy zashchishchali Rodinu.* 2-o dop. i ispr. izd. Moskva, Politizdat, 1968, 248 p.
- [SOVIET HISTORIOGRAPHY ON THE CLASS STRUGGLE AND THE REVOLUTIONARY MOVEMENT IN RUSSIA.] *Sovetskaya istoriografiya klassovoi bor'by i revoliutsionnogo dvizheniya v Rossii.* Otv. red. V. A. Ovsyarkin. Leningrad, Izd. Leningr. un-ta, 2. 1987, 184 p.
- STROEV, K. F. [Regional studies.] *Kraevedenie.* Moskva, "Prosveshchenie," 1987, 144 p.
- [STRUGGLE OF THE WORKING MASSES FOR THE ESTABLISHMENT AND CONSOLIDATION OF SOVIET RULE IN STAVROPOL TERRITORY (1917-April 1921).] *A collection of documents and materials [Bor'ba trudnyatskikh i mass za ustanovlenie i uprochnenie Sovetskoi vlasti na Stavropol'e. (1917-Apr. 1921 gg.)].* Sbornik dokumentov i materialov. (Izd. 2-e, dop.) Stavropol', Kn. izd., 1968, 245 p.
- [STUDIES IN THE HISTORY OF THE TULA ORGANIZATION OF THE CPSU.] *Ocherki istorii Tul'skoi organizatsii KPSS.* Tula, Priokskoe kn. izd., 1967, 636 p.
- SUSHANLO, M., and I. IUSUPOV, comp. [Participation of the Dzungars in the October Revolution and the civil war. (A collection of documents and reminiscences).] *Uchastie dzhungan v Oktobr'skoi revoliutsii i grazhdanskoi voine.* (Sbornik dokumentov i vospominanii). Frunze, 1967, 161 p.
- TUL'SKII PEDAGOGICHESKII INSTITUT. [Studies in historical sciences.] *Uchenye zapiski. Ist. nauci.* Tula, 1967, 186 p.
- [TWO HUNDRED FLAMING DAYS.] *Dvesti ognennykh dnai.* Moskva, Voenizdat, 1968, 510 p.
- [THE UKRAINIAN S. S. R. DURING THE GREAT PATRIOTIC WAR OF THE SOVIET UNION IN 1941-1945 IN THREE VOLUMES.] *Ukrains'ka SSR v Volykii Vichynzhanii vlini Itadians'koho Sojuzu 1941-1945 rr. v trokh tomakh.* Red. kolegiia: I. D. Nazarenko i inshi. Kyiv, Polityday, Ukrainy, T. 1. [The Soviet Ukraine during the repulse of the treacherous aggression of fascist Germany against the U. S. S. R. and preparations preceding a radical change in the war (June 1941-November 1942)] *Radians'ka Ukraina v period vyabystia virolomnogo napadu fashists'koi Nimechchyny na SSR i pidkulovali umov dlia korotroho perelomu v vlini (chernven' 1941 - lyelopad 1942 r.).* 1967, 552 p.
- VARSHAVSKII, A. S. [The man who was ahead of his times. Thomas Moore. A brief study of his life and work.] *Operedivshii vremia. Tomas Mor.* Ocherk zhizni i deiatel'nosti. Moskva, "Mol. gvardia," 1967, 141 p. (Pioner - znachili pervyt. Vyp. 5).
- VASILEVSKI, V. I., and others. [The struggle for Soviet rule in eastern Transbaikalia.] *Bor'ba za vlasti Sovetov v Vostochnoi Zabaikal'e.* [Irkutsk, Vostochno-Sibirskoe kn. izd., 1987, 384 p.
- ZUBAREV, S. P. [The Kama Valley in Ilanica.] *Prikan'e v ogne.* Izhevsk, "Udmurtika," 1987, 114 p.
- 6. SOCIAL SCIENCES**
- ALEKPEROV, A. G. [Practice in introducing business accounting.] *Opyt vnedreniya khozrascheta.* [Moskva] Profilizdat, 1986, 43 p. (Biblioteka sel'skogo proizvodnogo aktivista. No. 13(81)).
- DARKAUSKAS, ANTANAS. [Village, culture, living conditions.] *Kaimas, kultura, buitis.* [Vilnius], Minifa, 1987, 263 p. [In Lithuanian]
- BIRMAN, A. M. [The economist's talent.] *Talant ekonomista.* [Moskva] "Mol. gvardia," 1988, 191 p. (3-cha mologogo marketa).
- BOGOMOLOV, O. T. [Theory and methodology of international socialist division of labor.] *Teoriya i metodologiya mezhnarodnogo sotsialisticheskogo razdeleniya truda.* Moskva, "Mysl'," 1987, 254 p.
- BORODIN, S. V., A. N. DEMICHEV, and G. M. TOCHILNIKOV. [Finances and credit.] *Finansy i kredit.* Izd. 2-c, pererabot. i dop. Moskva, "Finansy," 1961, 283 p.
- [THE CITY OF KYIV DURING 50 YEARS OF THE SOVIET REGIME.] *Facts and figures.* Gorod Kyivshchyn za 50 let Sovetskoi vlasti. TSU i Ts. Iakly. Kyivshchyn, Kn. izd., 1967, 123 p.
- [COLLECTION OF ARTICLES ON DESIGN AND RESEARCH COSTS IN CONSTRUCTION.] *Sbornik tezen na proektye i izyskatel'nye raboty dlia stroitel'stva.* Izd. olits. Moskva, Stroizdat. Ch. 3. [Costs for the preparation of working drawings.] *Tseny na razrabotku rabochikh chertezhot.* Razd. 3. [Ferrous metallurgy.] *Chernaya metallurgiya.* Uiv. 21/VII 1987. Vved. v deistvie s 1-go ianv. 1988 g. 1988, 36 p. Razd. 6. [Petroleum refining and petrochemical industries.] *Neftepererabatyvalushchaya i neftekhimicheskaya promyshlennost'.* Uiv. 15/VII 1987 g. 1988, 10 p. Razd. 26. [Buildings and structures of air transport.] *Zdanitsa i sooruzhenitsa vozdukhonogo transporta.* Uiv. 22/V 1987. 1988, 6 p.
- [COLLECTION OF PROBLEMS ON THE STATE BUDGET OF THE U. S. S. R.] *Sbornik znanich po gosudarstvennomu byudzhetu SSSR.* Izd. 2-o, dop. i pererabot. Moskva, "Finansy," 1988, 160 p.
- [COLLECTION OF REGULATIONS ON PROTECTION OF LABOR FOR THE PERSONNEL OF THE PRESS (The printing industry, book trade, and publishing houses).] *Sbornik rukovodiaschikh materialov po okhrane truda dlia rabotnikov perchati.* (Poligraficheskoi promyshlennosti, knizhnoi torgovli, izdatel'stva). Moskva, "Kniga," 1987, 611 p.
- [THE COLLECTIVE AND THE INDIVIDUAL.] *Kollektiv i lichnost'.* Moskva, "Mysl'," 1968, 149 p.
- [COLLECTIVIZATION OF AGRICULTURE IN THE WESTERN REGION OF THE R. S. F. S. R. (1927-1937).] *Kollektivizatsiya sel'skogo khozaystva v Zapadnom raione RSFSR. (1927-1937 gg.)* Otv. red. D. I. Durdiev. Smolensk, ["Mosk. rabochii"], 1968, 678 p.
- DANILIV, TRODOR. [Founder of the Plast. (On Professor Oksandra Tyasovskaya's 50th birthday).] *Osnovopolozhnik Plasta (Do 80-letchitsa z dani narodzhennia profesora d-ra Oksandra Tyasovskoho).* Muntel, "Molodo zhytitsa," 1988, 46 p.
- [DAUGHTERS OF THE SOUTHERN URAL MOUNTAIN REGION.] *Docheri Juzhnogo Urala.* Chelnybinsk, Uzhm., Ural'skoe kn. izd., 1968, 212 p.
- [DEVELOPMENT AND DISTRIBUTION OF THE PRODUCTIVE FORCES OF THE KAZAKH S. S. R.] *Razvitiie i razmeshchenie proizvodnykh sil Kazakhskoi SSR.* Moskva, "Kauka," 1967, 250 p.
- [DISTRIBUTION AND SPECIALIZATION OF AGRICULTURAL PRODUCTION.] *A bibliographic list of national literature for 1968-1977.* Razmeshchenie i spetsializatsiya sel'skokhoziaistvennogo proizvodstva. Bibliogr. ukazatel' otechestv. literatury za 1968-1977 gg. Moskva, 1977, 92 p.
- [DYNASTY OF HEROES. A book of sketches.] *Dinastiia gerov.* Kniga ocherkov. [Voronezh, TSentr, - Chernozem. kn. izd., 1987, 327 p.
- [ECONOMIC ASPECTS, ORGANIZATION AND PLANNING OF AN INDUSTRIAL ENTERPRISE.] *Ekonomika, organizatsiya i planirovaniye promyshlennogo predpriyatiia.* Moskva, 1967, 140 p. (Aktual'nye problemy tekhniki).
- [ECONOMIC GEOGRAPHY OF FOREIGN COUNTRIES. A textbook for students.] *Ekonomicheskaya geografiya zarubezhnykh stran.* Posobie dlia studentov. Pod red. G. S. Nevel'shtaina i dr. [2-o izd.] Moskva, "Prosveshchenie," Ch. I. 1988, 446 p.
- [ECONOMIC PRECONDITIONS OF THE GREAT OCTOBER SOCIALIST REVOLUTION. (Based on the materials of the Ukraine).] *Ekonomichni peredumovy Volykoi Zhovtnevoi sotsialistichnoi revoliutsii.* (Na materialakh Ukrainy). Kyiv, "Naukova dumka," 1987, 160 p. (Respublikans'kii mizhvisdomchy naukovy) zbirnyk).
- [THE ECONOMIC REFORM AND PROBLEMS OF ITS REALIZATION.] *Khoziaistvennaya reforma i problemi realizatsii.* Moskva, "Ekonomika," 1988, 165 p.
- [ECONOMIC REFORM IN OPERATION.] *Ekonomicheskaya reforma v dielstvii.* Leningrad, Leningrad, 1987, 95 p.
- [ECONOMY OF MURMANSK PROVINCE DURING 50 YEARS OF THE SOVIET REGIME.] *Narodnoe khoziaistvo Murmanskoi oblasti za 50 let Sovetskoi vlasti.* [Murmansk] Murmanskoe kn. izd., 1967, 93 p.
- [ECONOMY OF SAMARKAND PROVINCE. A statistical abstract.] *Narodnoe khoziaistvo Samarkandskoi oblasti. Stat. sbornik.* Samarkand 1987, 366 p.
- [THE ECONOMY OF SVEINLOVSK BEFORE AND NOW.] *Ekonomika Sveinlovskaya prezhe i teper.* Sveinlovsk, Sred. Ural'skoe kn. izd., 1987, 143 p.
- [ECONOMY OF TERNOPOL PROVINCE. A statistical abstract.] *Narodnoe khoziaistvo Ternopols'koi oblasti. Statystychnyi zbirnyk.* Kyiv, "Statystika," 1987, 221 p.
- [ECONOMY OF THE TAJIK S. S. R.] *Ekonomika Tadjikskoi SSR.* Moskva, "Ekonomika," 1987, 102 p. (Sobremennye razvitiia i novoi planirovka, 1987-1988).
- [ECONOMY OF VOLGOGRAD PROVINCE DURING 50 YEARS.] *Narodnoe khoziaistvo Volgogradskoi oblasti za 50 let.* Volgograd, N. Volzh. kn. izd., 1987, 203 p.
- [EFFICIENCY OF CAPITAL INVESTMENTS AND FIXED ASSETS IN INDUSTRY.] *Effektivnost' kapitalnykh vlozhenii i naimovnykh fondov v promyshlennosti.* Pod red. B. M. Goliba, V. G. Lebedeva. Moskva, "Mysl'," 1987, 230 p.
- EGIAZARIAN, O. A., S. M. PYSHKINA, and P. V. SAVCHENKO. [Collective farms of industrial enterprises. Collective forms of industrial production.] *Kollektivnyye formy promyshlennogo proizvodstva.* Moskva, "Mol. rabochii," 1988, 112 p.
- ERMAKOV, P. I. [Efforts of the CPSU to strengthen economic cooperation among the peoples of the U. S. S. R. in the building of communism.] *Usiliya KPSS po ukreplenii ekonomicheskogo sotsialisticheskogo narodov SSSR v sfere sotsializma.* [Krasnoyarsk] Srednivolzhskogo no-iv, 1987, 181 p.
- FORTISTOV, V. A. [Statistical handbook for four-year students specializing in "Economics and Statistics of railroad transport." "Economics and statistics of construction work (on railroads)." "Organization of mechanized processing of economic information." Statistical handbook for four-year students specializing in "Economics and Statistics of railroad transport." Ucheb. posobie dlia studentov IV kursa spetsializatsii "Ekonomika i organizatsiya nauchnogo transporta." "Ekonomika i organizatsiya nauchnogo transporta (na zh. el.)." "Organizatsiya mekhanizirov. obrab. ekon. informatsii." Moskva, 1988, 23 p.
- [FIFTY YEARS OF SOVIET CONSUMER COOPERATIVES.] *50 let sovetkoi potrebitel'skoi kooperatsii.* Moskva, "Ekonomika," 1987, 101 p.
- [FINANCES AND ISSUING CREDIT TO INDUSTRIAL ENTERPRISES.] *Finansy i kreditirovaniye sel'sk. khoziaistvennykh predpriyati.* Pod red. M. K. Stepanova. Moskva, "Kolos," 1988, 410 p. (Plenitki i ucheb. posobia dlia s.-kh. tekhnichesk.).
- GAMAIUNOV, M. V. [Recent changes. Lenin's cooperation plan and its realization in the U. S. S. R.] *Polnoe poroneniye. Leninskii koop. plan i ego osushchestvleniye v SSSR.* Moskva, "Mosk. rabochii," 1988, 350 p.
- GETMAN, A. L. [Mass telephone work and the trade unions.] *Oborotno-massovaya rabota i profsoyuz.* [Moskva] Profilizdat, 1988, 78 p. (3-cha predmetnogo aktivista, 0(20)).
- GURIN, J. S., I. A. SYMAISKII, and A. D. MERKULOV. [Problems and methods of the optimal distribution of resources.] *Zadachi i metody optimal'nogo raspredeleniya resursov.* Moskva, "Sov. radio," 1988, 663 p.
- GUZ, R. Z. [Organization of the trade of industrial enterprises.] *Organizatsiya torgovli promyshlennymi tsirkulami.* Moskva, "Ekonomika," 1988, 288 p.
- IASNIKIN, N. I. [Economic aspects of inventions and efficiency promotion in an enterprise operating on a business accounting basis.] *Voprosy ekonomiki izobretenii i ratsionalizatsiya na khoziaistvennykh predpriyati.* Leningrad, 1987, 24 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Ekonomika i planirovaniye proizvodstva").

[Material and moral incentives on collective farms] Material'noe i moral'noe stozheniye v sovkhlozakh i kolkhlozakh. [Moskva] 1968, 48 p. (Bibliogr. sel. profanizatsionnogo (192)).

V. , and I. S. SONATOV. [Statistics of the service industries] Statistika slyuzhbovogo kharakteristika. Moskva, "Nekhtim industriya,"

V. V. GLOTOV, and S. I. RUZIN. [Economy, natural planning of forest industry enterprises, production, organization of plantations and forest industry enterprises]. Moscow, "Lesnaya" 1967, 331 p.

11. L. V. [Mathematical problems of rationalizing dynamic models] Matematicheskiye voprosy i analiza optimal'nykh khraneniya. Novosibirsk, 1965. 11 p.

(Trade unions of Dagestan during the
the War and postwar years (June 1941-
Sobremennyy Dagestan v period Otechestvennoy
revolyutsii i voyny (Ism* 1941-1965 gg.)
a, 1967, 296 p.

[Gorkiy Province. Nature, population
factors on economic geography] Gor'kov-
skiy, I. I. Proizh. naseleniya, khoziaistvo, ekon.
Gorki, [izd. 2-o, pereizdaniye. 1 dop. Gor'kii],
Gorki, izd., 1957, 368 p.

A. T. [Geography of the U. S. S. R. - textbook (lecture course) for students of Geography of all universities] *Geografiya SSSR. Uchebnoe posobie (kurs teksta)* o geografiicheskikh faktoriakh gosudarstva. Universitetov, [Moskva] Izd. Mosk. un-ta,

1A. [In the name of man] Vo imia ches-
kva, "Znaniye," 1907. 32 p. (Novoe v
ye, traktatki, 11 seriya, "Nauka, kom-
0).

P. I. and G. S. SUNDUKIAN, [Warehouse
t and principles of the mechanization of
t organizations] Skladskoe khozhaistvo i
t organizatsii zagotovitel'nykh predpriyatiy,
"Ekonomika," 1968, 203 p.

D. I. SHATRANOV, and A. V. CHEN-
Mannal of timber export] Lesokosportnyy
Moskva, "Lesnaya promisl", 1967.

4. [How is socialist enterprise is managed.
b) Kak upravlyaietsia sotsialisticheskoo
p. (Ucheb. posobie), Moskva, "Znanie,"
(Nar. in-t, Fak. peruvoykh znanii. O).

4. [Soviet family budget] *Haizhot sovet*.
Moskva, Polizdat, 1967, 64 p.

Current objectives of the Soviet regime]
zadachi Sovetskoi vlasti. Moskva, Polit.
143 p.

US, TIME] Slushai nas, vremia! [Moskva] gvar'dia," 1997, 274 p.

3. T. [The October Revolution and the state in the U. S. S. R.] Oktyabr'skain revoliutsionno zhenshechin v SSSR. Moskva, "Znaniye", 1971.

L. nnil D. G. NADZHAFOV, [America at
hands. A study of the sociopolitical history
deal" in the U. S. A.] Amerika na pere-
vork sotsial'no-polit. istorii "novego kursa"
oskva, "Nauka," 1967, 228 p.

N. M. [Differentsial rent and profitability
of farms]. Differentsial'naya renta i rento-
bilitetov. Yerevan, Izd. AN Arm. SSR,

UKRAINSKOI SSR, 2d, Kiev, 1965. [Comprehensive mapping of the productive forces of the Ukrainian S. S. R. Materials.] Kompleksnoe kartografirovaniye proizvedeniynki sili Ukrainskoi SSR. Materialy. Kiev, "Naukova dumka," 1967. 271 p.

[NEW FACE OF THE JAPANESE INDUSTRY. Translated from the Japanese] Novoe litsso japonskoi promyshlennosti. Pod red. K. Nagasu. Obshch. red. S. I. Rustitskogo. Perelad. I. A. Pevznera. Moskva, "Progress," 1967. 449 p.

NIKOLAEV, K. K., A. V. BORISOV, and A. I. BYKOV.
[Foremost region of the state] *Opornyi kraj derzhlavy.*
[Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967] 162 p.

NOVGORODSKIY, I. U. P., and N. M. KHAIKIN. [Training cadres for industry] *Podgotovka kadrov dlia promyshlennosti*. Moskva, "Ekonomika," 1968, 72 p.

OGURODNIKOV, D. E. [Principles of commercial correspondence] Osnovy deloproduktstva. Izd. 5-e, 1907. 1 delo. Moskva, "Ekonomika," 1907. 152 p.

[ON THE STATE BUDGET OF THE R. S. F. S. R. FOR 1968 AND ON THE CARRYING OUT OF THE STATE BUDGET OF THE R. S. S. R. FOR 1968. Report and closing address by I. I. Fadeev, Minister of Finance of the R. S. F. S. R., delegate at the 2nd session of the 7th Supreme Soviet of the R. S. F. S. R., October 17 and 18, 1967. The law of the Russian Soviet Federative Socialist Republic on the state budget of the Russian Soviet Federative Socialist Republic for 1967.] O gosudarstvennom budzhetoz RSFSR na 1968 god i ob ispolnenii Gosudarstvennogo budzhetna RSFSR za 1968 god. Doklad I zaključitel'noe slovo Ministra Finansov RSFSR deputata I. I. Fadeeva na vtoroi sessii Vysshnogo Soveta RSFSR pod nazvaniem sozvaia 17 i 18 oktiabria 1967 goda. Zakon Sovetskoi Sovetskoi Federativnoi Socialisticheskoi Respubliki o gosudarstvennom budzhetoz Rossiiskoi Sovetskoi Federativnoi Socialisticheskoi Respubliki na 1968 g. Moskva, "Finansy, 1967, 36 p.

[PLANNING PRODUCTION TIES IN CONSTRUCTION ON THE BASIS OF INTERBRANCH BALANCE. (Scientific report.) Planirovaniye proizvodstvennykh svyazei stritel'stva na osnove mezhdvorastovogo balansa. Mstuch, gosbushchenco. Moskva, Stroiizdat, 1967, 168 p.

[Ch. 1]. [Capitalist means of production] Kapitalisticheskii sposob proizvodstva. 1907. 431 p.

POPOV, CHERKASOV, I. N., E. P. VORONIN, and L. N. KIRAPOV. [Concise reference dictionary on labor and wages] Kratki slovar'-spisatelskikh po voprosam truda i zarabotnoi plati. Pod red. L. N. Popova, Cherkasova. Moscow, "Ekonomika," 1967, 311 p.

[PRINCIPLES OF THE ECONOMICS AND PLANNING OF INDUSTRIAL ENTERPRISES] Osnovy ekonomiki i planirovaniia promyshlennyykh predpriyatiy. Moskva, ["Statistika"], 1966. 256 p.

[PROCESSES OF CHANGES IN THE SOCIAL STRUCTURE OF SOVIET SOCIETY] *Protsessy izmeneniia sotsial'noi struktury v sovetskoi obshchestve*. Sverdlovsk, 1967. 211 p. (Materialy Ikhilnoi nauka, seshi razov Uche'skol zony. Filosof. nauki. Vyp. 2).

[PROGRAM FOR A COURSE ON THE ECONOMIC HISTORY OF THE U.S.S.R. AND FOREIGN COUNTRIES. For higher schools and faculties of economics]
 Programma kursa ekonomicheskoi istorii SSSR i zurnbeznykh stran. Dlia ekonomicheskikh vysshikh nauchnykh zavedenii i fakul'tetov, Moskva, "Mysl", 1967, 45 p.

[PROGRESS OF THE FIVE-YEAR PLAN] Shagi planirovaniye.
Kemerovo, Kn. Izd.
Vyp. 8. Kuzbass, God 1966. 1967. 174 p.

RANDALOV, III, B. [Socialist transformation of the economy, way of life, and culture of Buryat villages during the Soviet regime (1917-1961). A historical and ethnographical study] *Sotsialistichesko preobrazovanie khoziaistva, byta i kul'tury buryatskogo ulusa za gody Sovetskoi vlasti (1917-1961 gg.)*. Opyt ist.-etnogr. issledovaniia. Ulan-Ude, Buriat. kn. izd., 1967. 173 p.

SHEBANOVA, A. I. [Protection of youth labor]
trud podroskov. [Moskva] Profizdat, 1968
(D-rka profsloznoho aktivista. 16 (2071))

SHER, A. A., and N. G. VARAKSIN. [Establishing norms and wages for workers of sea harbors] Normirovaniye i oplata truda rabotnikov morskikh portov. Izd. 2-e, dop. 1 pereizdaniye. Moskva, "Transport," 1967. 212 p. (Ekonimika i kalkulatsiya morskogo transporta).

SITARIAN, S. A., and V. A. SOROKIN. [Fixed payments]
Fiksirovannyye plat'ezhi. Moskva, "Finansy," 1968.
60 p.

SNKZHIKO, I. T. [Creation of the material and technical foundation of communism in the U. S. S. R.] *Sozistale material'no-tekhnicheskoi bazy koinunizma v SSSR.*

[SOME TENDENCIES OF THE DEVELOPMENT OF THE
CAPITALIST ECONOMY, 1917-1967] Nekoluyev

[STANDARDIZATION IN THE NATIONAL ECONOMY OF THE U. S. S. R., 1917-1987] Standartizatsiya v narodnom khozyaistve SSSR, 1917-1987, Pod red. V. V. Bol'sheva. Moskva, Izd. standartov, 1987, 274 p.

[STUDIES ON THE HISTORY OF THE NATIONAL ECONOMY OF TAJIKISTAN (1917-1965)] Ocherki istorii narodnogo khoziaistva Tadjikistana (1917-1965 gg.). Pol. red. I. K. Narzikulova, Kh. S. Saidimmaralov i G. Ia. Kartseva, Dushanbe, "Dushanb." 1967, 493 p.

SYROEZIIN, I. M. [Mathematics of network charts]
Matematika setovyykh planov, Moskva, "Ekonomika,"
1967. 100 p. (Lektsii po setovomu planirovaniu).

TAMBOV. [Voronezh], Tsent. - Chorozein. kn. izd., 1907]. 151 p.

[TAMBOV PROVINCE DURING 60 YEARS OF THE SOVIET
REGIME. A statistical abstract.] Tambovskaya oblast
za 60 let Sovetskoi vlasti. Stat. sbornik. Tambov,
"Tambo. pravda," [1967]. 187 p.

TEMIRZHANOV, V. KI. [Means for utilizing the law of value in collective farm production] *Pril'ogi k zhurnal'no zakonu stolimosti v kollektivnom proizvodstve*. Pod red. N. A. Melnikovom. Nal'chik, Kabardino-Balkarskoe kn. izd., 1967. 104 p.

ТИКОМИЛОВ, В. Г. [How to organize efficiently the use of new articles] Kak raznolazno organizovat' osvoenie novykh izdaniy. Moskva, "Ekonomika," 1968, 50 p. 10 chkn kiroz. rukovoditel'sk.

TIME TABLE FOR SUBURBAN TRAINS, Moscow-Borodino. Borodinskii Station of the Moscow Railroad, Summer 1967. *Raspisanie deticheskoi prigorodnykh poezdov, Moskva-Borodino, Borodinskii vokzal Moskovskoi zh. d. Lcio 1967 g., Moskva, "Transport," 1967, 63 p.*

[TRANSFORMED REGION. A story about great changes which took place in Transbaikalia during the Soviet regime]. *Preobrazhennyy kraj. Rasskaz o velikikh preobrazovaniyakh, proizshedshikh v Zabaikale za gody Sovetskoi vlasti.* [Irkutsk] Vostochno-Sibirskoe kn. izd., 1967. 186 p.

[THE WEST SIBERIAN ECONOMIC REGION] Zapadno-Sibirskii ekonomicheskii rayon, Moskva, "Nauka," 1967, 261 p.

ZHELEZOV, V. A., and S. M. POLOTSKI. [An industrial branch under new conditions] Otrasi' v novykh usloviakh. Moskva, "Ekonomika," 1968, 64 p. (Ob"edinenie, glavk, otrasi' v novykh usloviakh).

ZVEREV, A. G. [Checking the observance of labor laws]
Proverka sobliuzionii trudovogo zakonodatel'stva,
Moskva, Stroizdat, 1968, 70 p. (V pomoshch' obshchestv. inspektora na okliknins truda).

6. POLITICAL SCIENCE

BOBKOV, I. S., II. V. PANKOV, and V. M. SAVEL'EV. [Materials for test papers on the history of the CPSU] Materialy k kontrol'nym rabotam po istorii KPSS. Moskva, "Vyssh. shkola," 1967, 243 p.

BREZHNEV, L. I. [Fifty years of great achievements of socialism. Report and closing speech at the joint formal meeting of the Central Committee of the CPSU, the Supreme Soviet of the U. S. S. R., and the Supreme Soviet of the R. S. F. S. R. at the Kremlin Palace of Congresses, November 3-4, 1967] Plat'desiat let velikikh poled sotsializma. Doklad i zaklyuchit. rech' na sovetskom torzhestve. zasedani TsK KPSS, Verkhovnogo Soveta SSSR i Verkhovnogo Soveta RSFSR v Kremleskom dvoritse s'ezdov 3-4 noyabrya 1967 g. Moskva, Politizdat, 1967, 134 p.

[THE COMMUNIST. A calendar and reference book, 1968] Kommunist, Kalendár: spravochnik. 1968. Moskva, Politizdat, 1967, 283 p.

[CURRENT PROBLEMS OF WORLD POLITICS. A quarterly international review (July-September 1967)] Tekushchie problemy mirovoi politiki, Ezhekvartal'noye mezhduнародное obozreniye (Iul' - sentyabr' 1967 g.). Moskva, "Pravda," 1967, 44 p. ("Mirovaia ekonomika i mezhduнародnye otnosheniya").

DENISOV, A. I. [The Soviet state, its origin, development, nature, and functions] Sovetskoe gosudarstvo. Vozniknoveniye, razvitiye, sushchestvovaniye i funktsii. Moskva, Izd. Mosk. un-ta, 1967, 426 p.

GENTS, N. N. [Let us think independently and act forcefully] Samostoiatel'no nysylit', aktivno deistvoval'. Moskva, "Mosk. rabochii," 1968, 80 p. (Besedy o prop. masterskoye).

KRIVUSHEV, V. I. [V. I. Lenin on the role of the masses in the building of socialism and communism] V. I. Lenin o roli narodnykh mass v stroitel'stve sotsializma i kommunizma. Moskva, "Znanie," 1968, 60 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Istoriya i politika KPSS," 5).

KUFKOVA, N. A. [Legal status of the government employees in bourgeois countries. (Textbook)] Pravooye polozenie sluzhashchikh gosudarstvennoy upravleniya burzhuaiznykh stran. (Uchebnoye posobie). Moskva, 1967, 94 p.

LENIN, V. I. [Last letters and articles. December 23, 1922-March 2, 1923] Poslednie pis'ma i stat'i. 23 dek. 1922-2 marta 1923 g. Moskva, Politizdat, 1967, 71 p.

LENIN, V. I. [Selected works. In three volumes] Izbrannye proizvedeniya. V 3-kh t. Moskva, Politizdat, 1968, 3 v.

LEONOV, P. D., and F. I. OPALIKHIN. [V. I. Lenin's book "Proletarian revolution and Kautsky, the renegade"] O knige V. I. Lenina "Proletarskaya revoliutsiya i renegat Kauskiy." Moskva, Izd. polit. lit-ry, 1968, 84 p. (Konsultatsii po istorii KPSS).

MATKOVSKII, N. V. [Movement of the advocates of peace at the present stage] Dvizheniye storonnikov mira na sovremennom etape. Moskva, "Znanie," 1968, 48 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Mezhduнародn." 5).

MAZAEV, A. G. [Fighting Vietnam] Srazhaushchisya V'etnam. Moskva, "Znanie," 1968, 48 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Mezhduнародn." 6).

MEL'NYCHUK, I. U. S. [Soul sellers] Proshch-dasha. I'viv, "Kamenar," 1967, 170 p.

MLUTENKO, V. B. [The road to the stars lies on the earth. (Some thoughts about figures, facts, and documents concerning the work of the V. I. Lenin All-Union Communist Youth League)] K zvezdam idut po zemle. (Razdum'ia nad istinami, faktami, dokumentami o delatel'nosti VLKSM). Moskva, "Znanie," 1968, 80 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Nolodezhnaya," 3).

MITROKHIN, L. N. [Anticommunism in the U. S. A. (The ideology of right-wing extremism)] Antikommunizm v SShA. (Ideologiya pravogo ekstremizma). Moskva, "Znanie," 1968, 48 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Filosofiya," 6).

NECHAEVA, V. S. [V. G. Belinskii. Life and work. 1842-1848] V. G. Belinskii. Zhizn' i tvorchestvo. 1842-1848. [Moskva], "Nauka," 1967, 520 p.

[THE ORGANIZATION HAS INCREASED ITS STRENGTH] TENFOLD. Documents and materials of congresses, conferences and the Central Committee of the All-Union Communist Youth League named after Lenin in the field of organizational work (1918-1968) Organizatsiya udesialitel'sily. Dokumenty i materialy s'ezdov, konferentsii i TsK VLKSM po org. rabote (1918-1968 gg.). Moskva, "Mol. gvardiya," 1968, 375 p.

[PROGRESSIVE GROWTH OF THE LEADING ROLE OF THE CPSU DURING THE BUILDING OF COMMUNISM] Vozrastanie rukovodivshchel roli KPSS v period stroitel'stva kommunizma. Pod red. N. S. Shevtsova i N. I. Kolchenko. Moskva, Izd. Mosk. un-ta, 1968, 338 p.

SHIGER, A. G. [New developments on the map of the world outside the U. S. S. R. A reference book] Novoe na karte zarubezhnogo mira. Spravochnik. Moskva, "Mysl'," 1968, 87 p.

[SOVIET-CZECHOSLOVAK RELATIONS IN THE PERIOD BETWEEN TWO WARS. 1918-1939. From the history of state, diplomatic, economic, and cultural contacts] Sovetsko-cheskoslovatskie otnosheniya mezhdu dvumia voynami. 1918-1939. Iz istorii gos., diplomat., ekonom. i kul'turnykh svyazey. Pod red. S. I. Prasoletsa i P. I. Reznova. Moskva, "Nauka," 1968, 228 p.

[THE SUPREME SOVIET OF THE U. S. S. R.] Verkhovnyi Sovet SSSR. Moskva, [Izvestia] 1967, 268 p.

[V. I. LENIN'S THEORY OF IMPERIALISM AND OUR TIME] Uchebnye V. I. Lenina ob imperializme i sotsializme. Moskva, "Nauka," 1967, 404 p.

VIDCOP, L. N., and I. A. S. SUMKOTIN. [Great and touching friendship. Pages from the lives of Karl Marx and Friedrich Engels] Druzba velikih i trogatel'naya. Stranichki iz zhizni Karla Marksa i Fridrikha Engela. [Moskva] "Mol. gvardiya," 1967.

[WONDERFUL FORCE] Chudestatna sila. [Moskva] "Izvestia," [1968], 527 p.

7. LAW

[CLASSIFIED COLLECTION OF THE LAWS OF THE R. S. F. S. R., THE DECREES OF THE PRESIDIO OF THE SUPREME SOVIET OF THE R. S. F. S. R., AND THE DECISIONS OF THE GOVERNMENT OF THE R. S. F. S. R.] Sistematicheskoye sobraniye zakonov RSFSR, ukazov Prezidiuma Verkhovnogo Soveta RSFSR i reshenii Pravitel'stva RSFSR. Moskva, "Urud. lit.," T. 13, 1967, 671 p. T. 14, 1967, 671 p.

GREG, A. M. MOKILIN, and E. TISHCHENKO. [What kind of person you will be, my boy? Kkim ty budesh', paren? Riga, "Liesna," 1967, 109 p.

PETROV, A. P. [The foramen. His labor rights and duties. A legal reference book] Moler. Trudovoye prava i obiazannosti. Spravochnoe posobie po zakonodatel'stvo. Izd. 2-e. [Moskva], Politizdat, 1968, 161 p.

[PROBLEMS OF SOCIALIST STATE AND LAW] Voprosy sotsialisticheskogo gosudarstva i prava. Sverdlovsk, 1967, 308 p. (K platidesiatletiyu Volkogo Oktabrya).

8. EDUCATION

CHEREPAKIOVA, E. M. [Initiation into the working class] Posviashcheniye v rabochii klass. [Moskva] "Mosk. rabochii," 1967, 93 p.

[FUNDAMENTALS OF THE THEORY AND PRACTICE OF LOGOPEDICS] Osnovy teorii i praktiki logopedii. Pod red. R. E. Lovinov. Moskva, "Prosvetshcheniye," 1968, 367 p.

[HOCKEY. Competition rules] Hokkei. Pravila sorovnovaniy. Moskva, "Fizkul'tura i sport," 1967, 66 p.

[ICEBOATING. Competition rules] Bueranyi sport. Pravila sorovnovaniy. Ur. 26/VIII 1968 g. Moskva, "Fizkul'tura i sport," 1968, 66 p.

LEBEDEVA, G. M. ["Science is food of youth..."] "Leesen" "Nauka kushet i pitat..." "Klassnyi chas. Perm', Kn. izd., 1967, 67 p.

MURADOV, KH. [Development of public education in the Turkmen S. S. R. during the years of reconstruction of the socialist national economy, 1946-1960] Razvitiye narodnogo obrazovaniya Turkmenoi SSR v gody vostoanovleniya sotsialisticheskogo narodnogo khoz'tva (1946-1960 gg.). Ashkhabad, "Turkmenistan," 1967, 119 p.

ORIOV, F. [Abolishing illiteracy in Uzbekistan] Uboz: slonda savodizlikning tugallishi. Toshkent, "Taduvchi," 1967, 102 p. [In Uzbek]

POPOVA, N. M. [Hygienic principles of lesson structure in school workshops of eight-year schools] Gigenicheskie printsipy postroeniya zaniat'y v shkolskikh masterokkhi vos'miletnei shkoly. Moskva, "Znanie," 1967, 102 p.

[PROGRAMMED INSTRUCTION AHEAD. Translated from the English] Programmirovannoe obucheniye na rubezhom. Moskva, "Vyssh. shkola," 1968, 276 p.

[SCIENTIFIC AND PRACTICAL PROBLEMS OF INSTRUCTION DURING NATURAL SLEEP] Nauchnye i prakticheskie voprosy obucheniya s l'gizovaniya estestvennogo sna. Pod red. V. P. Zakharia. Moskva, 1967, 170 p.

9. MUSIC, THEATER & MOTION PICTURES

DRIANTSEVA, V. N. [Myths of ancient Greece and music] Mity Gretsii i muzyka. Moskva, "Muzyka," 1967, 64 p. (Rasskazy o muzyke dli shkol'nikov).

FRID, E. L. [Music in Soviet motion pictures] Muzyka v sovetskom kino. [Leningrad, "Muzyka," 1968], 200 p.

GERSHUNI, E. P. [I am telling about the stage] Besedy vnu ob estrade. Red. i posled. A. Bezhina. [Leningrad, "Iskusstvo," 1968] 254 p.

[HISTORY OF THE SOVIET DRAMA THEATRE. 10 volumes] Istoriya sovetskogo dramaticheskogo teatra. V 10-ti t. Moskva, "Nauka," T. 3, 1926-1932, 1967, 613 p.

IAKUBOV, M. A. [The rondo form in the works of Soviet composers] Forma rouna v proizvedeniakh sovetskikh kompozitorov. Moskva, "Muzyka," 1967, 83 p. IV pomoshchi' peitogoiu-muzykamin).

KANANOV, P. KIL, and I. P. VIL'YKIL. [Forest, literature on music. Index of abstracts of books for 1968-1969] Zarnbezshnii literaturny muzyke. Bibliograficheskii knig zh 1964-1967 gg. Moskva, "Sov. kn. poizh," Vyp. 2, Ch. 2, 1967, 116 p.

KAPLER, A. LA. [Years, screenplay, film... I am signatit, fil'mny... Moskva, 1960], 63 p. (Rasskazy o tvorcheskom pnti).

KOGADEEV, A. P. [Techniques of choir directing. (Elementary principles)] Tekhnika kharovoi zhi-zhrovniya. (Elementarnyye osnovy). Pod red. I. I. Shtriny. Minsk, "Vysholish. shkola," 1968, 251 p.

KOLOS, G. D. [Dialogue across the foothills] Dva'g chorozy rampy. [Minsk, "Iskusstvo," 1967] 251 p.

LAPCHINSKII, G. I. [Musical culture of Kurlin] Muzykal'naya kul'tura Karelin. Leningrad, "Muzyka," 1968, 103 p.

LITOV, V. [Educational films of unforgettable days] Kinelodry nozhbyvomykh dnei. Moskva, "Iskusstvo," pagandy sovetskogo kinostanislava. 1967, 52 p. (Iz khazhnozhnaya).

MAKIMOV, S. E. [A singing system] Pevchieskii sistem. Moskva, "Muzyka," 1967, 163 p.

MARKOV, P. A. [Theater of various countries] Teatr raznykh stran. Moskva, VTO, 1967, 364 p.

MESSERER, A. M. [Lessons in classical dancing] Uchebnye klassicheskogo tanca. Moskva, "Iskusstvo," 1967, 561 p.

MIKILEVA, A. N. [When rhinoceroses walk the stage... The theater of the absurd of Eugene Ionesco] Kogda p'sisno khodiat nosorogi... Teatr absurda E. Ionesko. Moskva, "Iskusstvo," 1967, 170 p.

["MOSFILM" IS SHOWING] Pokazyvnet "Mosfil'm." [Moskva, "Iskusstvo," 1967] 115 p. illus.

NURDZHANOV, N. KIL. [The Tajik theater. Outline history] Tadzhikskii teatr. Ochoik istorii. Pod obshch. red. G. Golann. Moskva, "Iskusstvo," 1968, 281 p. (Iz serii ocherkov "Teatr narodov SSSR").

PANFILOV, A. P. [Theater arts of the Urals. 1917-1947] Teatral'noe iskusstvo Urala. 1917-1947. Pod red. I. U. A. Dmitriyeva. Sverdlovsk, Sred. - Ural'skoe kn. izd., 1967, 327 p.

... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

OWER. Ballet in 3 acts. Music by S. S.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

N. [Composer Vasilii Efimov. A
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

10. FINE ARTS

N. I. GIACH, and M. I. TORNEUS.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Originality in Soviet architecture]
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Association of Artists of Revolu-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Aesthetics in prefabricated house con-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Sculptural portraits in Georgia]
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

MORY MUSEUM IN THE MOSCOW
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Architecture of the left-bank Ukraine
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Pages from a stone chronicle]
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

LITERATURE & FOLKLORE

[Outline history of Russian literature of
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Writers of my country] Pisatel' moei
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[White light. A novel] Belyi svet.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Georgian folk tales. Trans-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[Writers of my country] Pisatel' moei
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

BORISOV, D. A. [True stories of Sevastopol] Sevasto-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

BORISOV, L. I. [Selected works. In 2 volumes] Izbrannyye
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[BRIGANTINE. Collection of stories about travels,
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

CHIKHENDZE, B. I. [Stories. Translated from the
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

CHUKOVSKI, K. I. [The miraculous tree. Fairytales,
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

CH'UNHYANG CH'ON KW'ON CHI TAN. A short tale
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

DAVYDOV, I. V. [The silent time of falling leaves. A
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

DRUMNA, I. V. [Selected lyrics. Izbrannaya lirika.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

ELI, TEO [Valley of new life. A science fiction novel.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

ESHEN, S. A. [Collected works. In 5 volumes] Sobranie
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[ETYMOLOGY. 1960. Problems in linguistic geography
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

FADEEV, A. A. [Letters, 1916-1956] Pis'ma, 1916-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

FLOROV, G. F. [House of friends] Dom družel. Moskva.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

[FOR CHILDREN ABOUT LENIN] Detslam o Lenine.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

FUČIK, JULIUS, and DOMUMILA SILOVÁ. [Letters from a
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

FURMANOV, A. [Red landing] Kraeniy desant. Moskva.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

GERNET, N. V., and C. B. IADDFE, D. [Katta and the
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

GOGOL', N. V. [Collected works. In 4 volumes] Sobra-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

GONCHARENKO, G. I. [Birth of a heroic deed. Stories]
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

IL'F, I. A., and E. P. PETROV. [Twelve chairs. The
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

IONKIS, G. E. [English poetry in the first half of the 20th
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

IUSUPOV, I., and A. KHAVAZOV. [Russian-Dungan dic-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KHALUPOVICH, V. A. [And there is no vacation for
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KIARABAROV, I. M. [Ramson. Verse] Choremsha,
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KIVI, OSVALD. [Estonian belles lettres, folklore and
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KNOORRE, FEDOR. [Captain Krokus. A fairy tale]
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KOROL'EV, V. T. [Heroes of the Pacific Ocean. Sketches
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KORSHUNOV, ANATOLII. [Lightning bolts in the hand.
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KOTOV, V. P. [Selected lyrics. Izbrannaya lirika. Mo-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KRASNOIARSKI GOSUDARSTVENNYI PEDAGOGICHES-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KRASNDV, A. M. [Flowers, flowers...] Tsvely, lavely...
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KREMLEV, I. L. [In the literary parks. Reminiscences]
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KRESTINSKAYA, T. P., and S. V. PETROV. [How to use
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KRUCHENIUK, P. A. [World of spring. Verse and a
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KULAKOV, G. N. [Diary of a commissar. A documentary
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KULIEV, KAISYN. [The injured stone. Verse and a
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KURAKIN, P. G. [Iakov Kurbatov. A novel based on his-
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

KUTATELI, A. N. [Tona and Manana. Translated from
... [Minsk, "Dolarus", 1907].
... samodiatel'nosti)

- [LANGUAGE SITUATION IN THE COUNTRIES OF ASIA AND AFRICA] Iazykovnaya situatsiya v stranakh Azii i Afriki. Moskva, "Nauka," 1967. 169 p.
- LEVCHENKO, S. F., L. G. SKRYPMK, and N. P. DZIATKOVSKAIA, comps. [Dictionary of personal names of people. (Ukrainian-Russian and Russian-Ukrainian) Svar' sobisvennykh imen liudei. (Ukrainsko-russkii i russko-ukrainskii). 3-e izd., ispr. i dop. Pod red. S. F. Levchenko. Kiev, "Naukova dumka," 1967. 168 p.
- [LITERARY LITHUANIA. 1967. Organ of the Society of Writers of the Lithuania S. S. R.] Liuva literatūra. God 1967. Organ Sotara pisatelei Litov. SSR. Vilnius, "Vaga," 1967. 169 p.
- LIUBOVTSOV, V. I., and P. N. SHAIKOV. [Three steps from the border. A tale. V trekh shagakh granitsa. Povest'. Moskva, [1966] 174 p. (Biblioteka zhurn. "Pograntchnik," No. 3(15)).
- L'VOV, A. I. [Big sun of Odessa. Stories] Bol'shoy solntse Odessy. Rasskazy. Moskva, "Sov. pisatel'," 1968. 275 p.
- MAKSIMOV, G. M. [The troop leader. A novel] Polkovodets. Roman. Moskva, "Sov. Russkii," (Izmany, povesti, rasskazy Sovetskoi Rossi). [Kn. 1]. 1966. 449 p.
- MREVLISHVILI, M. N. [Kharateli's home. Translated from the Georgian] Ochny Kharateli. Tbilisi, "Literatura da khelomeba," 1967. 112 p. (Biblioteka gruzinskoi sovetskoi prozy).
- NIKOLAEV, A. M. [My friend, man. Lyrics. Humur] Moi drug, chelovek. Litika. Umor. (Moskva, "Sov. Rossiia," 1967) 133 p.
- NIKOLAEV, P. A. [Aesthetics and the literary theories of G. V. Plekhanov] Estetika i literaturnye teorii G. V. Plekhanova. Moskva, "Iskusstvo," 1966. 244 p.
- OS'MAKOV, N. V. [Russian proletarian poetry. 1850-1917] Russkaya proletarskaya poeziia. 1850-1917. Moskva, Izd-vo "Nauka," 1966. 278 p.
- [OUR STAGE. A repertory collection for army and navy amateur performances] Nasha estrada. Reperturnyi sbornik dlia armelskoi i morskoi khudozh. samodelatel'stva. Moskva, Voenizdat. Vyp. 1. 1966. 221 p.
- PISTOL'ENKO, V. I. [In open doorways. A tale] U otkrytykh dverei. Povest'. Moskva, "Det. lit." (Shkol'naya b-ka). [Kn. 3]. 1966. 461 p.
- POTUSHANSKAIA, L. L., I. D. SHKUNAIEVA, and I. A. IUDINA. [Practical course in French] Prakticheski kurs franluzskogo iazyka. 2-e izd., ispr. i dop. Moskva, IMO, 1967. 283 p.
- [PROBLEMS OF THE STRUCTURE OF THE ENGLISH LANGUAGE IN SYNCHRONY AND DIACHRONY] Voprosy struktury angliiskogo iazyka v sinkhronii i diakhronii. Otv. red. I. P. Ivanova. Leningrad, Izd. Leningr. un-ta. Vyp. 1. 1967. 167 p.
- PUL'KINA, I. M., and F. B. ZAKHARA-NEKRASOVA. [Russian Language textbook for foreign students] Uchebnik russkogo iazyka dlia studentov-instranisev. 4-e izd. Moskva, "Vyssh. shkola," 1966. 600 p.
- PUSHKIN, A. S. [Evgenii Onegin. A novel in verse] Roman v stikhakh. Moskva, "Khudozh. lit.," 1967. 224 p. (Nar. b-ka).
- RADVOLINA, I. M. [A story about Julius Fuchik] Rasskaz o Iuliushe Fuchike. Moskva, "Sov. pisatel'," 1967. 300 p.
- RAPPOPORT, EVGENII [The manuscript was considered lost. Hypotheses and notes of searches and findings] Rukopis' uchitalas' uteriannoi. Opolozhy i zametki o polskakh i nakhodkakh. Irkutsk, Vost.-Sib. kn. izd., 1967. 99 p.
- RESHETOV, A. E. [Verse about Leningrad] Stikhi o Leningrade. [Leningrad] Lenzidai, 1967. 36 p.
- ROMANOVA, A. V., and A. N. MYRREVA. [Dialectal dictionary of the Evenki language. Materials on the dialects of the Evenki of Yakutia] Dialektologicheski slovar' evenkiiskogo iazyka. Materialy govorov evenkov Yakutii. Pod red. G. M. Vasil'evich. Leningrad, "Nauka," 1966. 216 p. (Dialektol. materialy po govoram evenkov Yakut. ASSR, Vyp. 3).
- ROMANOVA, A. V., and A. N. MYRREVA. [Studies of the Tuko and Tomtom dialects] Ocherki takinskogo i tomatskogo govorov. Leningrad, 1962. 104 p. (Dialektologicheskie materialy po govoram evenkov Yakutskoi ASSR. Vyp. II).
- [RUSSIAN-MOLDAVIAN TECHNICAL DICTIONARY] Russko-moldavskii tekhnicheskii slovar'. Kishinev, Editura "Tehnica," 1967. 251 p.
- SADYKHOV, M. Z. [Writers-Decembrists and Azerbaijan] Pisateli-dekabristy i Azerbaidzhan. Bakva, Azerbaidzhanskoe gos. izd., 1967. 141 p.
- SHAKHISVARIAN, A. O. [Shahnamah and its Armenian sources. Shahnameh i armianskie istochniki. Erovan, "Atanastan," 1967. 166 p. (In Armenian)]
- SHARIPOV, DZII, SH. [Khorezm. A novel. Translated from the Uzbek] Khorezm. Roman. Moskva, "Sov. pisatel'," 1966. 200 p.
- SHOKOPIIAS, IU. IU. [Man lives twice. A novel. Translated from the Ukrainian] Chelovek zhivet dvazhdy. Roman. Moskva, "Sov. pisatel'," 1967. 586 p.
- SIMONOV, K. M. [War lyrics. 1936-1956] Voennaya lirika. 1936-1956. Moskva, "Sov. Rossiia," 1966. 175 p.
- STEVENSON, ROBERT LOUIS. [Collected works. In 5 volumes. Translated from the English] Sobranie sochinenii. V 5-ti t. Moskva, "Pravda," (D-kn. "Ogon'ek"). T. 1. 1967. 391 p.
- TKACHEV, A. V. [Forest symphony] Lesnaya simfoniia. Murmansk, Kn. izd., 1968. 24 p.
- TUMASHEVA, D. G. [Language of the Siberian Tatars] Iazyk sibirskikh tatar. Kazan', Izd. Kazan. un-ta. Kn. 2. 1966. 162 p.
- TURGENEV, I. S. [Complete collected works and letters. In 26 volumes] Polnoe sobranie sochinenii i pisem. V 26-ti t. Leningrad, "Nauka," [Letters in 13 volumes] Pis'ma. V 13-ti t. T. 13. [Letters] Pis'ma. Kn. 1. 1966-1967. 1968. 622 p.
- TURGENEV, I. S. [Complete collected works and letters. In 26 volumes] Polnoe sobranie sochinenii i pisem. V 26-ti t. Moskva, "Nauka," [Works. In 15 volumes] Sochineniia. V 15-ti t. T. 14. [Reminiscences. Criticism and Journalism. 1854-1883] Vospominaniia. Kritika i publistika. 1854-1883. 1967. 520 p.
- [A TURGENEV COLLECTION. Materials to the complete collection of works and letters of I. S. Turgenev] Turgenevskii sbornik. Materialy k polnomu sobraniu sochinenii i pisem I. S. Turgenova. Leningrad, "Nauka," T. 3. 1967. 430 p.
- UKRAINSKI MUZEI. Arkhiv u Kyivendi. [Volodymyr Radzkyevych. An anniversary collection] Volodymyr Radzkyevych. 10-letnyi zbirnyk. Cleveland, 1966. 89 p.
- USPENSKI, E. K. [A multicolored little family] Raznoletsnaia semetka. Moskva, "Det. lit.," 1967. 1 v. (chiefly illus.)
- USPENSKI, L. V. [The name of your home. Studies in toponymics] Imia doma tvogo. Ocherki po toponimiko. Leningrad, "Det. lit.," 1967. 393 p. (Shkol'naya b-ka).
- VASILENKO, I. D. [Life and adventures of a starveling] Zhizn' i priklucheniia zanyvysia. Moskva, "Detalska lit-ra," 1967. 574 p. (Zolotaya biblioteka. Izbrannye proizvedeniia dlia detoi i юноshestva).
- VELICHKO, V. A. [Human lives. Sketches] Zhizni chelovecheskie. Ocherki. Moskva, "Sov. pisatel'," 1967. 160 p.
- VENCOLOVA, ANTONAS. [Spring river] Pavasario upo. Vilnius, Vaga, 1966. 456 p. (In Lithuanian)
- VERMISHEV, G. K. [Amirapassalar. A historical novel] Amirapassalar. Ist. roman. Moskva, Voenizdat, 1966. 606 p.
- VESFLUKHINA, K. V. [For the young polyglot. Foreign languages] Dnuomu poliglota. Inostr. iaz. Perm', Kn. izd., 1967. 41 p.
- VINHRANOVSKYI, MYKOLO. [A hundred poems] Sto poezii. Kyiv, "Molot," 1967. 125 p.
- VINOGRADOV, IU. A. [When rockets are launched. Plays] Kogda startulut rakety. 11'ey. Huga, "Litera," 1962. [162] p.
- VISHNIA, OSTAP. [Selected works. In 3 volumes] Vybory proizvedeniia. V 3-kh t. Moskva, "Pravda," (D-kn. "Ogon'ek"). T. 1. 1967. 448 p.
- VITTESHIKO, N. L., and I. S. SAMOKHOTSKAIA. [Textbook of the French language for nonlanguage students of higher education] Le français. Uchebnik frants. iaz. dlia neizykovykh vizov. Moskva, "Vyssh. shkola," 1967. 236 p.
- ZAKHARCHUK, V. A. [The creation of the world. A novel] Sozreniie mira. Roman. Moskva, "Sov. pisatel'," 1966. 2 v.
- ZALIKHANOV, ZHANAKAIT. [Loyalty. Verse. A poem. Translated from the Balkar] Vernost'. Stikhi. (Nar. b-ka. Kabard.-Balkar. kn. izd., 1967) 169 p.
- ZALITIS, VALTEUS. [On the threshold. Sketches, miniatures, short stories] Uz niekamo, skel'ra, miniatyura, mazl'stati. Riga, "Litera," 1967. 70 p. (In Latvian)
- ZALYGIN, S. P. [Solennaya Piat'. A novel] Solennaya Piat'. Roman. Moskva, "Sov. pisatel'," 1966. 442 p.
- ZAMONIN, T. P. [The modern Russian story] Svyaznyy russkii rasskaz. Kiev, "Naukova dumka," 1966. 264 p.
- ZAVADOVSKII, III, N. [The Herber language] Iuzi rek. I inzyk. Moskva, "Nauka," 1967. 70 p. (Iazyki narodov Azii i Afriki)
- CLY
- ZAZUDRIN, V. IA. [Two worlds. A novel] Dva mira. Roman. Moskva, Voenizdat, 1966. 100 p.
- ZEDGINIDZE, E. K. [Stories. Translated from the Georgian] Rasskazy. Tbilisi, "Literatura da khelomeba," 1967. 96 p. (Biblioteka gruzinskoi sovetskoi prozy).
- ZEL'DOVICH, M. G. [Russian literature of the 19th century. A reader of materials on literary criticism] Russkaya literatura XIX v. Khrestomatiiia kritiki. materialov. Izd. 3-o. Moskva, "Vyssh. shkola," 1966. 536 p.
- ZHDANOV, KIOR'. [The eight of the world. Verse] Vostitaz aveti. Stikhi. Moskva, Voenizdat, 1967. 150 p.
- ZHEGALOV, N. N. [M. Gorkii and world culture] M. G. Gorkii i mirovaia kul'tura. Moskva, "Znanie," 1963. 48 p. (Novoe v zhizni, nauka, tekhnika. 3 serii. Literatura).
- ZHUKOV, V. P., comp. [Dictionary of Russian proverbs and sayings] Slovar' russkikh posloviit i poslovits. Izd. 3-o. Moscow, "Sov. estetikhetika," 1966. 536 p.
- ZLOBIN, A. P. [Home among plies] Dom sred' osen. Moskva, "Sov. Rossiia," 1967. 170 p.
- ZOSHIENKO, M. M. [Selected works. In 2 volumes] Izbrannye proizvedeniia. V 2-kh t. 1966. 2 v.
- ZVIAGINTSEVA, V. K. [Contestion. Verse] Inpovei. Stikhi. Moskva, "Sov. pisatel'," 1967. 60 p.

12. GEOGRAPHY & GEOLOGY

[BOUNDARY OF THE TERTIARY AND QUATERNARY] Granitsa troitichnogo i chetvortichnogo periodov. Moskva, "Nauka," 1966. 116 p. (Izvestiia gos. i z. gos. XXIII soobsh. Doklady sovetskikh geologov. Problema 10).

DVK, V. L. [Folds of the zone of ultrametamorphism. Northern part of the northwestern White Sea region] Skladki zony ul'trametamorfizma. Severnaya chast' severo-zapadnogo Belomor'ia. Leningrad, "Nauka," 1967. 62 p.

DUVANN, A. I. [Wave innovations in the sea] Volnyye dvizheniia v more. Leningrad, Oldromoteledai, 1966. 223 p.

- DOBROTIN, D. A. [Analytic geometry and the elements of linear algebra. Abstract of lectures] Analiticheskaia geometriia i elementy lineinogo algebry. Konspekt lektsii. Leningrad, 1967. 171 p.
- [EFFECT OF IONIZING RADIATION ON PLANTS AND ANIMALS] Del'stvie ioniziruiushchikh izlucheniia na rastitel'ny i zhivotnyy organizmy. Moskva, "Nauka," 1965. 264 p.
- [ELECTROMAGNETIC METHODS FOR MEASURING THE PARAMETERS OF MAGNETOHYDRODYNAMIC PROCESSES] Elektromagnitnye metody izmereniia parametrov MGD: protsessov. Riga, "Zinatne," 1968. 197 p.
- [ELECTRON ACCELERATORS. Transactions of the Sixth International Conference on Electron Accelerators. Tomsk, February 21-26, 1968] Elektronnyye uskoriteli. Trudy VI mezhdunarodnoi konferentsii po elektronnyim uskoritel'm. Tomsk, 21-26 febr. 1968 g. Moskva, "Energiia," 1968. 591 p.
- ENSLEY, J. W., J. FEENEY, and L. H. SUTCLIFFE. [High resolution nuclear magnetic resonance spectroscopy. Translated from the English] Spektroskopiiia iadernogo magnitnogo rezonansa vysokogo razresheniia. Pod red. V. F. Bystraya i I. U. M. Shcherbina. Moskva, "Mir," T. 1. 1968. 630 p.
- [EQUILIBRIUM GRADIENT OF TEMPERATURE] Ravnovesnyi gradient temperatury. Sbornik statei. Pod red. M. I. Budyko i M. I. Uliana. Leningrad, Gidrometeoizdat, 1967. 192 p.
- FAERSITFEIN, M. G. [Charles Gerhardt, 1816-1856] Sharl' Zherar. 1816-1856. Moskva, "Nauka," 1968. 183 p. (Nauch.-biogr. seriya).
- FIKHTENGOLTS, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Izd. 5-o, stereotip. Moskva, "Nauka," T. 2. 1966. 483 p.
- GARDNER, M. [The theory of relativity for millions. Translated from the English] Teoriia otносitel'nosti dlia millionov. Pod red. A. I. Bazila. Moskva, Atomizdat, 1967. 196 p. (Nauch.-popul. u.-ka).
- [GENERAL BIOLOGY. A manual for the 10th grade of high school] Obshchaya biologiya. Ucheb. posobie dlia X klassa sred. shkoly. Pod red. I. I. Polianskogo. Izd. 3-o. Moskva, "Prosvetshchenie," 1968. 364 p.
- GRISHBERG, M. A. [Geodesy] Geodeziia. Moskva, "Nedra," Ch. 1. 1967. 383 p.
- GNEDENKO, B. V. [Talks on mathematical statistics] Besedy o matematicheskoi statistike. Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Matematika. Kibernetika." 8).
- GORKOVSKII UNIVERSITET IM. N. I. LODACHIEVSKOGO. [Abstracts of reports at the conference of young scientists. Section of chemical sciences] Tezisy dokladov konferentsii molodykh nauchnykh rabotnikov. Sektsiia khim. nauk. Gor'kii, 1967. 37 p.
- GREBINSKII, S. O. [Plant biochemistry] Biokhimiia rastenii. L'vov, Izd. Lvovskogo un-ta, 1967. 272 p.
- GRIGOR'IAN, A. T., and A. N. VIAL'TSEV. Genrikh Gerts. 1857-1894. Moskva, "Nauka," 1968. 309 p. (Nauch.-biogr. seriya).
- [GROUSE RESOURCES IN THE U. S. S. R. (Geographical distribution, ecologic population characteristics, utilization and restoration of resources). Materials of the conference of April 2-4, 1968] Resursy fazovinykh ptits v SSSR. (Geogr. raspriostaneniie, ekol. osobennosti naseleniia, ispol'zovanie i vosstanovlenie zapasov). Materialy soveshchaniia 2-4 apr. 1968 g. Moskva, "Nauka," 1968. 95 p.
- [HELMINTHS OF ANIMALS AND PLANTS IN GEORGIA] Gel'mintoznaia zhivotnykh i rastenii v Gruzii. Tbilisi, "Meznerieba," 1967. 142 p. (In Russian and Georgian).
- [INTEGRAL EQUATIONS] Integral'nye uravneniia. Moskva, "Nauka," 1968. 448 p. (Spravochnaia matem. u.-ka).
- IVANOV, I. D., and E. E. RAKILEVA. [Polarography of the structure and functions of biopolymers] Poliarografiia struktury i funktsii biopolimerov. Moskva, "Nauka," 1968. 344 p.
- KALNIN, R. A. [Algebra and elementary functions] Algebra i elementarnyye funktsii. Izd. 3-o, pererabot. Moskva, "Nauka," 1967. 484 p. CI.U. MC
- KARAPETIAN, S. K., and V. A. YARDANIAN. [Ionizing radiation effect on oogenesis] Del'stvie ioniziruiushchego izlucheniia na oogenez. Erevan, Izd. AN Arm. SSR, 1967. 145 p.
- KATS, A. L. [Circulation in the stratosphere and mesosphere] TSirkulatsiia v stratosfere i mezosfere. Leningrad, Gidrometeoizdat, 1968. 204 p.
- KIRSHENBLAT, I. A. D. ["Telergons" - chemical relationships among animals] Telergony - khimicheskie sredstva vzaimosviia zhivotnykh. Moskva, "Nauka," 1968. 107 p. (Nauch.-popul. seriya).
- KISELEV, A. I., M. L. KRASNOV, and G. I. MAKARENKO. [Collection of problems in the field of ordinary differential equations] Sbornik zadach po obyknovennym differentsial'nym uravneni'am. Izd. 2-o. Moskva, "Vyssh. shkola," 1967. 310 p.
- KLEINENBERG, S. E., and V. M. BEL'KOVICH. [Dolphins. Myths and reality] Del'finy. Mify i del'stviel'nost'. Moskva, "Znanie," 1967. 63 p. (Prachit. tovaristchi).
- KOBUSHKIN, V. K. [Methods for solving problems in physics] Metody resheniia zadach po fizike. Leningrad, Izd. Leningr. un-ta, Ch. 1. [Mechanics] Mekhanika. 1968. 187 p.
- KREIN, S. G. [Linear differential equations in Dnakh space] Lineinye differentsial'nye uravneniia v dnakhovom prostranstve. Moskva, "Nauka," 1967. 464 p. (Sovrem. problemy matematiki).
- KULINKOVICH, K. A., and B. V. VITMAN. [Sports in White Russia] Belorusskaia sportivnaya. Minsk, "Detarva," 1967. 1 v. (chetyri tika.)
- KURAKIN, A. T. and V. I. GLUKHOV. [Laboratory treatment of motion picture films] Laboratornaia obrabotka kinoplenki. Izd. 2-o, pererabot. i dop. Moskva, "Tekhnika," 1968. 104 p. (D.-ka kinofabrika).
- LEINERT, H. O. [Dynamics of charged particles. Translated from the English] Dinamika zarizhnykh chastic. Moskva, Atomizdat, 1967. 351 p.
- LENNINSKII KOMMUNISTICHESKII SOIUZ MOLODEZHII ARMENII. Sovet molodykh uchenykh. [Materials of the Scientific and Technological Conference of Young Scientists of the Armenian S. S. R. (May 1968)] Materialy Respublikanskoi nauchno-tekhnicheskoi konferentsii molodykh uchenykh (Maj, 1968 g.) Erevan, "Luis," 1967. 190 p.
- LEONOV, M. P., and G. I. PERLET. [Active cloud modification during the cold half of the year] Aktivnye vozdelsiia na oblake v khlodnoi polovodie. Pod obsch. red. V. G. Morachovskogo. Leningrad, Gidrometeoizdat, 1967. 162 p.
- LONDON, E. S. [Selected works. (On the centenary of E. S. London's birth)] Izbranyye trudy. (K stoletiu so dnia rozhdeniia E. S. Londona). Pod red. D. A. Birukova. Leningrad, "Meditsina," 1968. 361 p.
- LUR'E, I. U. [Manual on analytical chemistry] Spravochnik po analiticheskoi khimii. Izd. 3-o, stereotip. Moskva, "Khimiia," 1967. 390 p.
- [MANUAL ON THE CLIMATE OF AFRICA] Klimaticheskii spravochnik Afriki. Pod red. A. N. Lebedeva. Leningrad, Gidrometeoizdat, Ch. 2. [Wind, relative humidity of the air, cloud cover, fogs, thunderstorms, and aeroclimatic characteristics] Vetro, otnositel'naya vlazhnost' vozdukh, oblachnost', tunany, grozy i aeoroklimaticheskie kharakteristiki. 1967. 250 p.
- MARKUSHEVICH, A. I. [Theory of analytic functions] Teoriia analiticheskikh funktsii. Izd. 2-o, lapr. i dop. Moskva, "Nauka," 1967-1968. 2 v.
- MARTYNEKO, V. S. [Calculus of operations] Operatsionnoe ischislenie. Izd. 2-o, pererabot. Kiev, Izd. Kievskogo un-ta, 1968. 198 p.
- MEDVEDEV, B. V., and M. K. POLIVANOV. [Interaction model with derivatives which permits an exact solution] Model' vzaimodel'stviia s proizvodnymi, do puskat'shechna tochnos reshenie. Kiev, 1967. 26 p.
- MIKHASILOV, F. A., and others. [Dynamics of non-stationary linear systems] Dinamika nestatsionarnykh lineinykh sistem. Moskva, "Nauka," 1967. 387 p.
- MOGENDOVICH, M. R. [The brain and life. Biology] Mozg i zhizn'. Biologiya. Perin', Ku. Izd., 1967. 57 p.
- MOROZOV, K. E. [Mathematical models in cybernetics] Matematicheskie modeli v kibernetike. Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Matematika. Kibernetika." 3).
- [MORPHOGENESIS OF THE VASCULAR AND NERVOUS SYSTEMS] Morfogenez sositel'noi i nervnoi sistemy. Kiev, "Zdorov'ia," 1967. 218 p.
- MURZIN, V. S., and L. I. SARYCHOVA. [Cosmic rays and their interaction] Kosmicheskie luchy i ikh vzaimodel'stviie. Moskva, Atomizdat, 1968. 331 p.
- NEKRASOV, D. V. [Principles of general chemistry; Osnovy obshchego khimii. Moskva, "Khimiia," T. 2. 1967. 369 p.
- NIKOLAI IVANOVICH VAVILOV. Vstupil. sbirka A. A. Fedorova, Bibliogr. sost. R. I. Gorischev i I. M. Zhukovoi. Moskva, "Nauka," 1967. 130 p. (Materialy k bibliografiim uchenykh SSSR. Seriya khim. nauk. Genetika. Vyp. 1).
- OGIBALOV, P. M. and V. F. GRIMANOV. [Thermal stability of plates and shells] Termoustoiichivost' ploskii i obolochek. Moskva, Izd. Mosk. un-ta, 1968. 529 p.
- PAVLOV, T. D. [Information, reflection, and creative work] Informatsiia, otrazheniie, tvorcheskoe. Moskva, "Progress," 1967. 101 p.
- POLIAKOV, P. P. [Taxonomy and origin of the plants] Sistematika i proiskhozhdeniie slozhnotsvetnykh. Alma-Ata, "Nauka," 1967. 336 p.
- POLOTNICHENKO, A. G., O. I. PROKHOROVSKAYA, and L. I. LAKUT. [Mathematical problems offered at the entrance examinations to Voronezh State University] Zadachi po matematike, predlagavshiesia na vstupitel'nykh ekzaminakh v Voronezhskoi gosudarstvennoi universitet. Voronezh, Izd. Voronezhskogo un-ta, 1967. 107 p. (V pomoshch' postupaushchima v vyssh. ucheb. zaviedeniia).
- POLOUKTOV, I. A., and I. P. PRESNIAKOV. [Large transfer accompanied by excitation] Osvetshenie, soprovozhdaemoe vzvuzhudeniem. Moskva, 1966. 18 p. [MICHONIN]
- POPOV, P. I., B. A. VORONTOV-VIL'JAMINOV, and R. V. KUMTSKI. [Astronomy] Astronomiia. Izd. 5-o, pererabot. Pod red. R. V. Kumskega. Moskva, "Prosvetshchenie," 1967. 465 p.
- RADINOWITSH, EUGENE, and BELFOND, R. INN. [Spectroscopy and photochemistry of uctyl car-pounia. Translated from the English] Spektroskopiiia i fotokhimiia osvetleniia umilia. Pod red. I. V. Liptsa. Moskva, Atomizdat, 1968. 343 p.
- REPUBLIKANSKII SEMINAR PO KVANTOVOI FIZIKE I NIKKI. Kiev. [Quantum electronics. Transactions of the Ukrainian seminar] Kvantovaya elektronika. Trudy Respublikanskogo seminar. Kiev, Vyp. 2. 1967. 354 p.
- HODIN, L. E., N. P. REMEZOV, and N. I. MAZOL'VICH. [Mathematical instructions in studying the dynamics and biological cycle in phycococcus] Metodicheskie ukazaniia k izucheniui dinamiki i biologicheskogo krugovorota v fitotsenozakh. Leningrad, "Nauka," 1968. 143 p.
- RUSTAMOV, P. G. [Gallium chalcogenides] Khalkogenidy gallia. Baku, Izd. AN AzSSR, 1967. 130 p.
- RZILANIKOVA, L. N. [Phylogenetic characteristics of the Pliocene and Neogene of the Zayatsk Depression] Filogenicheskie kharakteristiki patogenei i neogenei Zaysanskoi vpadiny. Alma-Ata, "Nauka," 1968. 224 p.
- SAVELEV, I. V. [General physics course] Kurs obshchego fiziki. Izd. 3-o, Moskva, "Nauka," T. 1. [Mechanics, vibrations and waves, molecular physics] Mekhanika, kolobaniia i volny, molekularnaia fizika. 1968. 404 p. T. 2. [Electricity] Elektricheskoe. 1968. 335 p.
- SHAKINO, K. U. [How to prepare for entrance examinations in mathematics at schools of higher education] Kak gotovitsia k priimomym ekzamenam v vuz po matematike. Izd. 5-o, stereotip. Minsk, "Vyssh. shkola," 1968. 327 p.

1.4. MEDICINE

- [illegible]

[OCCUPATIONAL HYGIENE IN THE OPERATION OF MANUAL POWER TOOLS] Gigiena truda pri rabote ruchnykh mekhanizirovannykh instrumentami. Pod red. E. T. Andreyev-Galanin. Leningrad, "Meditsina," 1957. 243 p.

[OCCUPATIONAL HYGIENE OF ADOLESCENTS IN VARIOUS BRANCHES OF THE NATIONAL ECONOMY] Gigiena truda podrostkov v raznykh otaslakh narodnogo khozaystva. Pod red. I. A. Anisimov. Moskva, "Meditsina," 1957. 390 p.

[PREMEDICATION, ANESTHESIA AND BLOOD CIRCULATION, COMPLICATIONS IN ANESTHESIA AND REANIMATION] Premedikatsiya, anestezia i krovoobrazhenie, oslozhneniya narkoz i reanimatsiya. Trudy Vsesoyuz. uchredn. konferentsii anesteziologov i reanimatologov. Moskva, 15-18 iyunia 1966 g. Otv. red. T. M. Dabitskii. Moskva, 1967. 263 p.

[PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION] Voprosy gematologii i perelivaniya krvi. Itogi, "Znaniye," 1967. 152 p. (DNLM)

[RADIATION MEDICINE. (Manual for physicians and students)] Radiatsionnaya medicina. (Posobie dlya vrachei i studentov). Pod red. A. I. Burzhalova. Izd. 4-e, pererabot. i dop. Moskva, Atomizdat, 1966. 387 p.

RASHEVSKAYA, A. M., and L. A. ZORINA. [Occupational blood system diseases of chemical etiology] Professional'nye zabolevaniya sistemy krovi khimicheskoi etimologii. Moskva, "Meditsina," 1968. 304 p.

SMETANNIKOV, P. G. [Higher nervous activity in depressive syndrome] Vysshaya nervnaya deiatel'nost' pri depressivnykh sindromakh. [Leningrad] "Meditsina," 1967. 182 p. (DNLM)

SIVOROV, N. F. [Central mechanisms of vascular disorders] Tsentral'nye mekhanizmy sudeyistnykh naru-shenii. Leningrad, "Nauka," 1957. 244 p. (DNLM)

VIKSHRAITIS, Č. [Prevention of cancer of the cervix uteri] Profilaktika raka shelki matki. S predisl. i pod red. A. I. Seredova. Vilnius, "Mintis," 1967. 211 p. (DNLM)

VOLKOV, P. T. [Surgical treatment of external gastric and intestinal fistulas] Operativnoe lechenie naru-znykh svyazhech zheludka i kishchnika. Leningrad, "Meditsina," 1968. 159 p. (B-ka prakt. vrachei).

ZARZAR, A. S. [Late results of the surgical treatment of cholelithiasis] Otdalennyye rezul'taty khirurgicheskogo lecheniya kholelitiazisa. Pod red. S. A. Masumova. Tashkent, "Meditsina," 1967. 246 p. (DNLM)

ZLATKOVSKAYA, N. M. [Enterovirus diseases in children] Enterovirusnye zabolevaniya u detei. Moskva, 1957. 52 p.

15. AGRICULTURE

AIRAPETOVA, R. A., and E. A. ALIEVA. [N. K. Gantev. Bibliography] N. K. Gantev. Bibliografiya. Baku, Izd. AN AzSSR, 1967. 128 p. (Detalii nauki i kul'tury Azerbaidzhana).

AKILAMOV, I. D., I. M. GRINCHUK, and V. K. ZHURKIN. [Machines for grass seed production. Design and construction] Mashiny dlya semenovodstva i trav. Konstruktsiya i raschet. Moskva, "Mashinostroyeniye," 1966. 171 p.

BABAIAN, K. E., and L. M. GORDON. [Present state and future development of pond fisheries in the U.S.S.R.] Sovremennoye sostoyaniye i perspektivy razvitiya prудovogo rybovodstva SSSR. Moskva, "Pishchevaya prom-st'," 1968. 89 p.

[BRIEF RESULTS OF A ZONAL STUDY ON THE EFFECTIVENESS OF FERTILIZERS IN THE GEOGRAPHICAL NETWORK OF TESTS...] Kratkie itogi zonal'nogo izucheniya effektivnosti udobrenii v geograficheskoi seti opytov... Moskva, "Kolos," 1967. Vyp. 2. [1963-1964] ... 1963-1964 gg. 1967. 199 p.

[GARDENS] Sady. Moskva, "Znanie," 1967. 84 p. (Narodnyi universitet. Sel'skokhoz. fak. II)

LAROSHEVSKIY, V. A. [Weather and fine-wool sheep breeding. Problems of zoomeeteorology] Pogoda i tonkorunnye ovtshevodstvo. Voprosy zoomeeteorologii. Leningrad, Gidrometeoizdat, 1968. 203 p.

KISHINEVSKIY SEL'SKOKHOZIAISTVENNIY INSTITUT. [Transactions of a Scientific Conference. (Reports of postgraduates)] Trudy Nauchnoi konferentsii. (Sbornik dokladov aspirantov). Kishinev, "Karlia moldovenaske," 1967. 300 p.

KOLOMI, V. P. [Ammeledated feeds and their influence on animal organism] Ammeledirovannyye korimi i ikh vliyaniye na organizm zhivotnykh. Moskva, "Kolos," 1968. 200 p.

[LAND RECLAMATION IN THE U.S.S.R. DURING 50 YEARS] Melioratsiya v SSSR za 50 let. Moskva, "Kolos," 1957. 296 p.

LEMESH, V. F. [Mixed silage types, their preparation and utilization] Komleksnyy, ikh prigotovleniye i ispol'zovanie. Minsk, "Urozhai," 1968. 65 p.

LITVINENKO, A. M., P. A. PAK, and M. A. MUKHAMED-ZIYANOV. [Machinery for complex mechanization of cotton growing] Mashiny dlya kompleksnoi mekhanizatsii khlopkovodstva. Moskva, "Vyssh. shkola," 1967. 279 p.

LEGOVSKOI, M. V., and others. [Water supply mechanization on livestock farms] Mekhanizatsiya vodoabrazheniya zhivotnovodcheskikh ferim. Moskva, "Vyssh. shkola," 1967. 104 p.

[MECHANIZATION OF DRAINAGE AND RECLAMATION OF NEW LANDS] Mekhanizatsiya osushcheniya i osvoeniya novykh zemel'. Minsk, "Urozhai," 1968. 100 p.

MEJILAILOVSKIY, N. M. and A. N. MARTYNOV. [New XT-1, 2 cotton harvesters] mekhan. Operation and technical maintenance] Novyya khlopkosobiratel'naya mashina XT-1, 2. (Ekspluatatsiya i tekhn. obsluzhivaniye). Tashkent, "Uzbekistan," 1967. 133 p.

MITSEVICH, V. M. [Hemiparesis in children and the diseases caused by them] Gemiparezis severnogo otzema i vyzvaeniye im zabolevaniya. Leningrad, "Kolos," 1957. 308 p.

OIL, B. K. [Mineral feeding of animals under different natural and economical conditions] Mineral'noe pitaniye zhivotnykh v raznykh prirodno-khozhaystvennykh usloviyakh. Leningrad, "Kolos," 1967. 208 p.

PETHOV, N. V. [Inspection of the quality of grain products and oilseed cakes during transportation] Inspektirovaniye kachestva zernoproduktov i zhnykhov pri perevozhakh. Izd. 3-e, pererabot. i dop. Moskva, "Kolos," 1967. 95 p.

[PREPARATIONS FOR CHEMICAL CONTROL OF WEEDS IN IRRIGATION CANALS AND SYSTEMS. (Selected abstracts)] Preparaty dlya khimicheskoi bor'by s sorakami na oroshitel'nykh kanalakh i sistemakh. (Referativnaya podborka). Kishinev, 1967. 15 p.

[PROBLEMS OF THE MECHANIZATION OF AGRICULTURE] Voprosy mekhanizatsii sel'skogo khozaystva. Tashkent, "Fan," 1966. 173 p.

[SAFETY MANUAL FOR WORK INVOLVING THE USE OF MACHINERY FOR CULTIVATING AND HARVESTING FLAX] Pamiatka po tekhnike bezopasnosti pri rabote na mashinakh po vozdel'yvaniyu i uborko flina. Moskva, Rossel'khozizdat, 1967. 13 p. (Pamiatka po tekhnike bezopasnosti).

[SAFETY MANUAL FOR WORK INVOLVING THE USE OF MACHINERY IN CULTIVATING AND HARVESTING CORN] Pamiatka po tekhnike bezopasnosti pri rabote na mashinakh po vozdel'yvaniyu i uborko kukuruzy. Moskva, Rossel'khozizdat, 1967. 12 p. (Pamiatka po tekhnike bezopasnosti).

[SCIENTIFIC ACHIEVEMENTS IN COTTON GROWING] Dostizheniya nauki po khlopkovodstvu. Tashkent, "Fan," 1968. 276 p.

SEMENCHENKO, P. P. [Black currant in Moldavia] Chernaya smorodina v Moldavii. Kishinev, "Karlia moldovenaske," 1968. 83 p.

[SOILS OF THE KAZAKH S.S.R. IN 16 VOLUMES] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ata. Vyp. 9. Storozhenko, D. M. [Soils of Karaganda Province] Pochvy Karagandinskoi oblasti, 1967. 329 p.

[TECHNICAL SERVICE FOR THE MACHINE-TRACTOR YARD ON COLLECTIVE AND STATE FARMS OF THE WHITE RUSSIAN S.S.R.] Tekhnicheskoe obsluzhivaniye mashino-traktornogo parka v kollektivnykh i goskhozakh BSSR. Minsk, "Urozhai," 1967. 131 p.

[USE OF ISOTOPES AND RADIATIONS IN AGRICULTURAL RESEARCH] Ispol'zovanie izotopov i izlucheniya v issledovaniyakh po sel'skomu khozaystvu. Pod redaktsiyey S. V. Neprina. Moskva, "Kolos," 1967. 243 p. (Agrofitz. nauch. issled. in-t. Narkh. Italiy).

16. TECHNOLOGY

[A. C. HIGH-VOLTAGE SWITCHES. General technical requirements] Vyklyuchatel'nyye peremennogo toka vysokogo napryazheniya. Obshchie tekhnicheskyye trebovaniya. Izd. ofits. Moskva, 1967. 44 p. (Gos. standarty SSSR).

ADAMOVICH, I. V. [Fundamentals of the installation of sanitary installations] Osnovy ustanovki sanitarnykh ustroystv. Moskva, Stroiizdat, 1967. 193 p.

[AERIAL PHOTOGRAPHY AND ITS APPLICATION] Transactions of the Ninth All-Union Conference on Aerial Photography. Leningrad, March 15-23, 1967. Aerial'nyy foto prikladnoye. Trudy IX Vsesoyuz. soveshchaniya po aviorafotke. Leningrad, 15-23 marta 1965 g. Leningrad, "Nauka," 1967. 410 p.

ALEKSEEV, A. A. [Designing and building highway tracks] Proektirovaniye i stroitel'stvo velosledov. Moskva, Stroiizdat, 1967. 171 p.

ALT'ERMAN, S. I., and I. N. PAVLOV. [High-voltage station shift equipment] Posobie inzhenerov pri sluzhenii. Moskva, "Transport," 1968. 210 p.

[ANALOG AND ANALOG-DIGITAL COMPUTATION TECHNIQUE] Analogovaya i analogo-tsifrovaya vychislitel'naya tekhnika. Sbornik statei. Pod red. V. M. Usukova. Moskva, "Sov. radio," Vyp. 1. 1968. 310 p.

[ANTI-CRASH SYSTEMS FOR AIRCRAFT. Principles of design and testing methods] Prilozheniya k Priborostroyeniye i stroitel'stvo velosledov. Moskva, Stroiizdat, 1967. 171 p.

ARTUSHENKO, V. I. [Manual for radio-technical installation workers] Posobie inzhenerov pri sluzhenii. Moskva, "Transport," 1968. 210 p.

ATABKIDOV, V. B. [High-voltage equipment] Vyskovol'tnyye apparaty. Izd. 2-o, pererabot. i dop. Moskva, Stroiizdat, 1967. 204 p.

[AUTOMATION OF CONTROL PROCESSES AND REMOTE PROBLEMS OF AUTOMATION] Avtomatizatsiya protsessov kontrolya i obshchie voprosy avtomatizatsii. Moskva, "Nauka," 1967. 169 p.

[AUTOMATION OF DRIVES AND THE CONTROL OF MACHINES] Avtomatizatsiya privoda i upravleniya mashinami. Moskva, "Nauka," 1967. 316 p.

DADICHKOVA, O. I., I. A. IVANOVA, and S. M. NYEMETA. [Technological and chemical control of the vegetable drying and food-concentrating industry] Tekhnicheskii kontrol' v obshchestvennoy i khimicheskoy promyshlennosti. Moskva, "Pishchevaya prom-st'," 1967. 203 p.

DALBASHOV, A. M., and A. A. CHERVONENKOV. [Overheating furnace technology. (Optical and thermal methods of investigation of furnace operation)] Tekhnika otrazhatel'nykh pochet. (Opticheskoye i teplovoye opticheskoye puchko. Otsor otel' iz zharubnykh zhurnalov. Moskva, "Energiya," 1968. 40 p. (B-ka elektrotekhnika. Vyp. 32).

DARDIN, I. P. [Selected works] Izbrannyye trudy. Moskva, "Nauka," T. 2, 1968. 207 p.

BILIAKOV, V. M. [Building a "do-it-yourself" house] Kak samomu postroit' dom. Moskva, "Znanie," 1968. 95 p. (Novoye v zhizni, nauka, tekhnika. Seriya "Stroitel'stvo i arkhitektura," 5/6).

BELOUSSOV, V. O. [Technology of preventing dill-collies in well drilling] Tekhnologiya bor'by s razlozheniyami pri buroukh skvazhin. Moskva, "Nedra," 1967. 101 p.

BELOV, E. P., and I. N. OVSIANNIKOV. [Work organization for the auto moving of BU-76B equipment] Organizatsiya raboty po bezopasnomu peredvizheniyu ustanovok BU-76B. Moskva, "Nedra," 1968. 80 p.

- KH, M. N. [Electric prospecting by the magnetotelluric profile]. Elektricheskaya metoda magnetotelluricheskogo profilirovaniya. "Nedra," 1968, 255 p.
- A. I. and V. A. Sivkov. [Automatic failure of magnetotelluric indicators]. Avtomaticheskoe indikirovaniye otkazov. "Energiya," 1967, 88 p. (B-kn po avtomatizatsii, 1967, 200).
- A. I., M. E. ZUBTSOV, and L. N. BALAKINA. [Working of metals]. Obrabotka metallov. Leningrad, "Mashinostroyeniye," 1967.
- E. F. [City streets and city traffic]. Gorodskaya ulitsa i avtomobilnyy transport. "Nedra," 1967, 200.
- A. M. [Multitransistor trigger circuits]. Istoriya i razvitiye skhem. Mirmansk, 1967, 71 p.
- V. I. [Construction of 6-10 kv. current]. Montazh i ekspluatatsiya 6-10 kv. Moskva, 1968, 78 p. (1-kn elektromontazha).
- EVICH, A. M., V. L. BYKOV, and P. I. [Noncontact elements of self-aligning networks, calculations, design]. Beskontaktnyye samonastroyayushchiesya sistemy, raschety, proektirovaniye. Pod red. P. I. Moskva, "Mashinostroyeniye," 1968, 202 p.
- N. V., I. S. RAPOPORT, and E. IU. [Reducing power consumption in metal-lics]. Snizheniye energoizdatel'nosti zatraty na energoizdatel'nykh zatrat. Moskva, "Metal," 1968, 135 p.
- V. [Spectrum analysis of motor vehicle and methods for testing their condition]. Spektroanaliz i metody ispytaniy avtomobilov. Spetsial'nyy analiz avtomobilov v transporte. Moskva, "Transport," 1967, 85 p.
- V. V. P., V. M. KONEVSKIY, and V. N. [Gas-discharge noise sources]. Gazovyye razryadnyye istochniki zvuka. Moskva, "Sov. radio," 1968, 100 p. (1-kn po akustike).
- V. F. [All-purpose and special glues]. Vseobshche primenimyye i spetsial'nyye klei. Moskva, "Ekonomika," 1967, 16 p. (Khimiya i fizika).
- CONSTRUCTION OF THE U. S. S. R. | Organizatsiya stroitel'stva. Moskva, Stroiizdat, 1967, 307 p.
- ON OF NEW COSTS FOR CONSTRUCTION, AND REPAIR WORK ESTABLISHED BY THE UNIFIED NORMS AND COSTS COMMITTEE. [The coverage of the increase of tariffs for first and second workers effective January 1, 1968]. Novyye tarify na rabotu i zaplatu za rabotu s 1-ym i 2-ym raznyami. Izd. offt. Moskva, 1968, 132 p.
- ION OF AIRPORTS]. Stroitel'stvo aeroportov. N. I. Ivanov, Moskva, "Transport," 1967, 100 p.
- ION SPECIFICATIONS AND REGULATIONS. [The execution of work and acceptance of work]. Poly. Pravila proizvodstva i priemya. SNIP III-V, 14-62. Uv. 11/XII 1962 g. 31 p.
- Razd. G, Gl. 10. [Plant supply. Exterior work. Regulations for the construction work organization, execution of work, and acceptance of work]. Teplosnabzheniye. Naruzhnyye raboty. Pravila organizatsii stroitel'stva, proizvodstva i priemya v ekspluatatsii. SNIP III-G, Uv. 23/IX 1963 g. 1967, 20 p.
- Razd. G, Gl. 10, 3. [Pumps. Regulations for the execution of assembly work and acceptance of completed work]. Nasosy. Pravila proizvodstva i priemya monolitnykh i raznykh. SNIP 10, 3-62. Uv. 13/VII 1963 g. 1967, 21 p.
- [DESIGN OF HYDROELECTRIC POWER GENERATORS]. Proektirovaniye gidrogenerators. Leningrad, "Energiya," 1968, 384 p.
- Ch. 2. Dombrovskiy, V. V., and others. [Design. Mechanical calculations]. Konstruktsionnyye mekhanicheskiye raschety. 1968, 384 p.
- DEVILSIEV, P. P. [Rear organization at fires]. Organizatsiya raboty tyazheloiznykh. Moskva, Stroiizdat, 1967, 86 p.
- [DRAWINGS FOR THE MANUFACTURE OF MACHINERY]. Chertezhi v mashinostroyenii. Izd. offt. Moskva, Izd. standartov, 1968, 152 p. (Gos. standarty SSSR).
- DIBROVSKIY, E. P. [Subscriber's apparatus of municipal telephone networks]. Abonentskiye ustroystva gorodskikh telefonnykh setey. Spravochnik. Moskva, "Svyaz," 1967, 240 p.
- [ECONOMICS, PRODUCTION ORGANIZATION AND PLANNING IN COAT. PREPARATION PLANTS]. Ekonomika, organizatsiya proizvodstva i planirovaniye na tekstil'nykh i shvaybnnykh fabrikakh. Moskva, "Nedra," 1968, 100 p.
- [ELECTRONIC AND IONIC DEVICES. Methodological textbook for practical work]. Elektronnyye i ionnyye pribory. Metodye, posobie k prakticheskim. Pod obshch. red. V. S. Andrusheviicha i V. N. Shvetskiya. Saratov, Izd. Sarat. un-ta, 1967, 251 p.
- [ENCYCLOPEDIA OF MEASUREMENTS, CONTROL, AND AUTOMATION]. Entsiklopediya izmereniy, kontrolya i avtomatizatsii. EIKa. Moskva, "Energiya," Vyp. 6, 1969, 65 p.
- ENIKOLOPOV, N. S., and S. A. VOL'FSON. [Chemistry and technology of polyurethane]. Khimiya i tekhnologiya poliuretanov. Moskva, "Khimiya," 1968, 279 p.
- EROFEYEV, I. U. [Operation of delayed relaxation oscillators with small appling of the output in pulses]. Rabota zatsennoyemnykh relaksatsionnykh generatsiy pri maloy skazhenosti vykhodnykh impulsov. Pod red. I. U. Mamontova. Moskva, "Sov. radio," 1968, 209 p.
- [FALLOUT SHELTER DESIGN AND ANALYSIS. Translated from the English]. Raschet i proektirovaniye ukrytiy i indyatsionnykh osadkov. Predl. A. I. Durnitskaya. Moskva, Stroiizdat, 1968, 148 p.
- FATIUKHIA, L. K., and A. I. VYSOTSKIY. [Mechanization of operations in machinery plants of the Dnieper Valley]. Mekhanizatsiya truda na mashinostroyel'nykh zavodakh Priднепров'ya. Dnepropetrovsk, "Promst," 1967, 62 p.
- [FERROMAGNETIC FREQUENCY MULTIPLIERS]. Ferromagnitnyye umnozhiteli chastoty. Moskva, "Energiya," 1968, 176 p. (Transformatory. Vyp. 10).
- [FLEXIBLE WIRE SHAFTS FOR POWER TRANSMISSIONS]. Vly gubki provolochiny dlya silovykh predachi. GOST 11026-67, GOST 13226-67 - GOST 13227-67. Izd. offt. Moskva, [Izd. standartov, 1967] 32 p. (Gos. standarty SSSR).
- [FORGING AND CLOSED IMPRESSION DIE FORGING OF STEEL. Handbook in 2 volumes]. Kovka i ob'omnaya shtamponovka stali. Spravochnik v 2-tkh t. Pod red. M. V. Sirozhova. Izd. 2-e, pereabot. Moskva, "Mashinostroyeniye," 1967-1968, 2 v.
- [FUNDAMENTALS OF SOVIET CITY CONSTRUCTION]. Osnovy sovetskogo gradostroyeniya. Moskva, Stroiizdat, 1967, 104 p.
- [GEARS]. Zubchatyye poredachi. Izd. offt. Moskva, Izd. standartov, 1968, 164 p. (Gos. standarty SSSR).
- [GENERAL ENGINEERING NORMS FOR METAL-CUTTING OPERATIONS USED IN THE STANDARDIZATION OF WORK ON MACHINE TOOLS]. Oshche-mashinostroyel'nye normativy rezhimov rezaniya dlya tekhnicheskogo normirovaniya rabot na metallorezhushchikh stankakh. Moskva, "Mashinostroyeniye," 1967, 412 p.
- Ch. 1. [Turning, vertical boring and turning, turret, diamond-boring, drilling, planning, slotting, and milling machines]. Tokarnyye, fuzusel'nye, tokarno-revol'yernyye, al'mazno-rastochnyye, sverlil'nye, strugil'nye, doberzhnyye i frezernyye stanki. 1967, 412 p.
- [GERMAN-RUSSIAN TECHNICAL DICTIONARY. Approximately 40,000 terms]. Nemetsko-russkiy tekhnicheskii slovar'. Okolo 40 000 terminov. Pod red. I. I. Barona. Izd. 2-o, stereotip. Moskva, "Sov. ensiklopediya," 1968, 726 p.
- GILLOV, I. M., and T. I. KIL'PE. [Interior and furniture of restaurants, cafes and eating places]. Inter'yer i mebel' restorana, kafe, stolovoy. Moskva, "Ekonomika," 1968, 1 v. (chiefly illus.).
- GLIZMANENKO, D. L. [Welding and cutting of metals]. Svarka i rezka metallov. Izd. 6-e, pereabot. Moskva, "Vyssh. shkola," 1968, 446 p.
- GONCHARENKO, V. V. [We fly without engines]. My letim bez molora. Leningrad, Gidrometeoizdat, 1967, 161 p.
- GRINBERG, A. M. [Dephosphatization of waste waters of coke chemical plants]. Otsenphosirovaniye vod koksokhimicheskikh zavodov. Moskva, "Metallurgiya," 1968, 211 p.
- GUSAKOV, N. P., and I. V. RODIONOV. [Machinery and mechanisms for working frozen ground. Practice of construction organizations of the Main Administration for the Construction of Industrial Establishments in West Siberian Regions]. Mashiny i mekhanizmy dlya razrabotki merozemykh gruntov. Opyt stroitel'nykh organizatsii Glavzapobstov. Moskva, Stroiizdat, 1967, 23 p.
- GUTOVSKIY, M. V. [Calculation and design of elements and systems used in electrical equipment in aviation]. Raschet i proektirovaniye elementov i sistem aviatsonnogo elektrooborudovaniya. Pod red. I. U. A. Popova. Moskva, 1967, 132 p.
- Ch. 3. [Emergency conditions and calculation of short-circuit currents in electrical systems of aircraft]. Avialyudnyye rezhimy i raschet tokov korotkogo замыкания v elektricheskikh tsybl'nykh apparatov. 1967, 132 p.
- [HANDBOOK ON APPLIED MEASUREMENT TECHNIQUES]. Spravochnik po prikladnoi izmeritel'noi tekhnike. Pod red. D. Koldalova i S. Rossa. Moskva, "Energiya," 1968, 624 p.
- [HARD CERAMIC METAL ALLOYS AND POWDER METALS]. Splyvy tvordyye metallokeramicheskiye i poroshki metallicheskoye. Izd. offt. Moskva, Izd. standartov, 1967, 176 p. (Gos. standarty SSSR).
- JAGODKIN, V. V., and G. A. KHIL'BNIKOV. [Gyroscopic instruments of ballistic missiles]. Gyroskopicheskiye pribory ballisticheskikh rakot. Moskva, Voenizdat, 1967, 214 p.
- KONNIKOV, S. N. [Testing magnetic components of automatic equipment]. Ispytaniya magnitnykh elementov avtomaticheskikh ustroystv. Moskva, "Energiya," 1968, 88 p. (B-kn po avtomatizatsii. Vyp. 202).
- KONNIKOV, S. N., and V. I. IVANOV. [Manual on laboratory work in a course in "Electrical and magnetic measurements"]. Rukovodstvo k laboratornym rabotam po kursu "Elektricheskoye i magnitnoye izmereniya." Moskva, 1967, 94 p.
- Ch. 2. Pod red. S. N. Konnikova. 1967, 94 p.
- [IMPROVEMENT OF THE PRICE REGULATION IN CONSTRUCTION. (Materials of the Third Enlarged Session and Conference carried out by the Scientific Council on Problems of Price Regulation and by the Institute of Economics of Construction of the Gosstat of the U. S. S. R. in 1963-1966). Soveshaniya i konferentsii po problemam tsennoobrazovaniya i in-tom ekonomiki stroitel'stva Gosstat SSSR v 1963-1966 gg.). Pod red. V. P. D'yachukova i dr. Moskva, Stroiizdat, 1967, 101 p.
- [INSTRUCTIONS ON METEOROLOGICAL SERVICE TO CIVIL AVIATION (NMO GA-60)]. Nasilavleniye po meteorologicheskuyu obsposobeniu grazhdanskoy aviasii (NMO GA-60). Leningrad, Gidrometeoizdat, 1967, 105 p.
- [INSTRUCTIONS ON STRUCTURAL DESIGN OF THERMAL ELECTRIC POWER PLANTS]. Ukazaniya po stroitel'nomu proektirovaniyu teplovyykh elektricheskikh stantsiy. Uv. 21/VII 1967 g. Moskva, Stroiizdat, 1968, 71 p.
- [INSTRUCTIONS ON THE DETERMINATION OF THE STRUCTURE AND SCOPE OF ENGINEERING SURVEYS IN THE DESIGNING OF THERMAL ELECTRIC POWER PLANTS]. Instruksiya po opredeleniyu sostava i ob'ema inzhenernykh izyskaniy pri proektirovaniy teplovyykh elektricheskikh stantsiy. Uv. 23/XII 1966 g. Moskva, "Energiya," 1968, 129 p.

[INSTRUCTIONS ON THE USE OF CONTROL METHODS FOR TESTING WELDED JOINTS OF STRUCTURAL MEMBERS AND PIPELINES] Instruktسيا po metodam kontrola, primeniamym pri proverke kachestva svarnykh soedinenii stal'nykh stroitel'nykh konstruktsii i truboprovodov. SN 375-67. Izd. offta. Utr. 26/VII 1967 g. Moskva, Stroiizdat, 1968. 70 p.

[INTER-PUBLIC TECHNICAL SPECIFICATIONS FOR STAIRCASES, ROOF AND BALCONY ENCLOSURES] Tekhnicheskoe spetsialnoye tekhnicheskoe ustoyevaya ogranicheniya leseniya, krysha i balkony. MRTU 20 - 3 - 65, MRTU - 4 - 65, MRTU - 5 - 65. Moskva, Stroiizdat, 1967. 27 p.

IOFFE, V. F. [Equipment for electric-spark machining of precision parts] Ooborudovanie dlia elekroiskrovogo izgotovleniya presizlennykh detalей. Leningrad, 1968. 26 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Progressivnye metody obrabotki materialov").

IOFIS, E. A. [Technique of processing motion-picture films. (For mass production professions)] Praktika obrabotki kinoplenki. (Dlia massovykh rabotnykh professii). Moskva, "Iskusstvo", 1967. 262 p.

IL'ITSKI, S. A. [Pneumatic systems for controlling the drives of automatic machines. (Methods for design)] Pnevmaticheskie sistemy upravleniya prirudom nashin avtomatov. (Metody postroyeniya). Moskva, "Energiya", 1968. 98 p. (B-ka po avtomatike. Vyp. 239).

IUDOV, M. F. [Vibration and deformation of the rotor windings of synchronous machines] Vibratsiya i deformatsiya obmotok sinhronnykh nashin. Moskva, "Energiya", 1968. 160 p.

IVANKOVICH, A. S., V. M. KOVALEVSKI, and L. N. PLAKSA. [Mechanization of the construction and maintenance of snow-covered logging roads] Mekhanizatsiya stroitel'stva i ooborudovaniya snezhnykh teso-vykh dorog. Moskva, "Lenaia prom.-st.", 1967. 92 p.

KACHURINA, N. M. [Coloration of cotton and staple fabrics] Koloratsiya khlopchatobumazhnykh i shapet'nykh tkaney. Pod red. L. I. Delenkova. Moskva, "Legkaya industriya", 1967. 120 p.

KAMENETSKI, I. K., and M. F. GIRKO. [Technical and economic grounds and calculations in the design of open-pit coal mines] Tekhniko-ekonomicheskie osnovaniya i rachety pri projektirovani ugol'nykh kar'terov. Moskva, "Nedra", 1968. 144 p.

KARTASHEV, G. I. [Safety manual for use in corrosion protection of apparatus and structural members] Pamiatka po tekhnike bezopasnosti pri rabotakh po zashchite ot korrozii apparatury i stroitel'nykh konstruktsii. Moskva, Stroiizdat, 1967. 38 p. (Tekhnika bezopasnosti v stroitel'stve).

KIERKIEULIDZE, I. I. [Lattice-type flow-through regenerative and regulating structures of sectional reinforced concrete for use in mountain rivers] Skvoznoye zaschekhlyue i reguliruyemye sooruzheniya iz sbornogo zhelezobetona na gornykh rekakh. Pod red. G. N. Khmaladze. Moskva, Gidromolotizdat, 1967. 129 p.

KIMSON, E. V. [Supplying materials to individual building sites. (Based on the practice and examples of construction organizations of the Ministry of the Construction of Transportation Systems of the U.S.S.R.)] Mikroobrazheniya stroitel'stva. (Na opute i primerykh stroitel'nykh organizatsii Ministerstva transportnogo stroitel'stva SSSR). Moskva, "Transport", 1967. 66 p.

KLUEV, A. S. [Automatic control] Avtomaticheskoe regulirovaniye. Moskva, "Energiya", 1967. 343 p.

[KNIT GOODS] Trukolozhnye izdeliya. Izd. offta. Moskva, Izd. standartov. (Gos. standarty SSSR). Ch. I. 1968. 369 p.

KOROLEV, U. N. [Thyristors] Tiristory. Moskva, "Znanie", 1969. 64 p. (Novoe v zhitii, nauke, tekhnike. Seriya "Radioelektronika i svyaz", 5).

KOZKO, F. I. [Economics, production organization and planning in open-pit mining] Ekonomika, organizatsiya proizvodstva i planirovaniye na okrytykh gornykh rabotakh. Izd. 2-e, pererabot. i dop. Moskva, "Nedra", 1967. 299 p.

[THE "KRISTALI" GEODIMETER. Description and operational instructions] Svetodimometr "Kristali". Opisaniye i instruktatsiya po ekpluatatsii. Moskva, 1967. 48 p.

KULIEV, S. M., D. I. ES'MAN, and G. G. GABUZOV. [Temperature conditions of boreholes during the drilling process] Temperaturnyy rezhim buriaschikh skvazhin. Moskva, "Nedra", 1966. 184 p.

KUZNETSOV, A. S. [Simple oscillograph] Prostoye osillograf. Moskva, "Energiya", 1968. 18 p. (Massovaya radiofizika. Vyp. 841).

[LASERS. Index of Soviet and foreign literature for 1968] Opticheskie kvantovye generatory. Kazatel' obochestv. i mosk. literature za 1968 g. Moskva, 1967. 441 p.

LASSKAI, E. A., and M. G. VORONKOV. [Organosoliton water-repellent foams in construction work] Kremni-organicheskie vodootalivayushchie pokrytiya v stroitel'stve. Kiev, "Budivelnik", 1968. 92 p.

LEBEDEV, M. D. [Present state and development of automatic control systems] Sostoyaniye i razvitiye avtomaticheskikh sistem kontrola. Moskva, "Energiya", 1968. 80 p. (B-ka po avtomatike. Vyp. 288).

LEBEDEV, V. N. [Calculating the motion of a space vehicle with low thrust force] Raschet dvizheniya kosmicheskogo apparata s maloy tlogoi. Moskva, 1968. 193 p. (Matem. metody kosmich. apparatov. Vyp. 5).

[LENINGRAD GAS SUPPLY] Gazovoye khozaystvo Leningrada. Leningrad, "Nedra", 1967. 129 p.

LEVINA, G. F., and B. V. SEMENOV. [Practice in building bathrooms at the Otkhovo House. Building Combine] Oput izgotovleniya sanitarno-tekhnicheskikh kabin na Otkhovskom domostroitel'nom kombinatе. Leningrad, 1967. 18 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya: Stroitel'nyye materialy i konstruktsii).

LIAVEN, R. C., and V. F. USTIHOV. [Compressor systems of electric power plants and substations] Kompresornyye ustanoivki elektrostaniy i podstantsii. Moskva, "Energiya", 1968. 65 p. (B-ka elektromontera. Vyp. 240).

LUDCHIK, M. A. [Large d.c. electromagnets of automatic apparatus and devices. (Calculation and elements of design)] Silovyye elektromagnitnyye apparaty i ustroystva avtomaticheskikh posilatel'nykh tsepey. (Raschet i elementy projektirovaniya). Moskva, "Energiya", 1968. 162 p. (B-ka po avtomatike. Vyp. 257).

LOVUSIKIN, V. N. [Transistorized d.c. voltage converters] Transistornyye prevrashchately posilatel'nykh napravleniya. Moskva, "Energiya", 1967. 112 p. (B-ka po avtomatike. Vyp. 288).

[MANUFACTURE AND OPERATION OF MINE EXPLOSION-PROOF SAFETY LAMPS] Izgotovleniye i ekpluatatsiya rudnichnykh vzryvobezopasnykh i vzryvozashchishchennykh svetovykh priborov. Moskva, "Nedra", 1968. 162 p.

MASANOV, N. F. [Steel cable wiring] Trosovyye elektroprovodki. Izd. 2-o, pererabot. i dop. Moskva, "Energiya", 1968. 81 p. (B-ka elektromontera. Vyp. 247).

MATUKHIN, A. N. [Carrying out heat-insulating operations] Proizvodstvo teploizolyatsionnykh rabot. Moskva, "Vyssh. shkola", 1967. 255 p.

[MEASURING INSTRUMENTS] Izmeritel'nyye instrumenty. Izd. offta. Moskva, Izd. standartov. (Gos. standarty SSSR). Ch. 1. 1968. 24 p.

MEOS, A. I., and I. A. KIART. [The strongest fibers] Snyye prochnyye volokna. Leningrad, 1967. 42 p.

[MICROELECTRONICS] Mikroelektronika. Sbornik statei. Pod red. F. V. Lukina. Moskva, "Sov. radio", Vyp. 1. 1967. 306 p.

[THE MODERN TELESCOPE] Sovremennyy teleskop. Moskva, "Nauka", 1968. 320 p.

[MODIFICATION OF WOOD] Modifikatsiya drevessiny. Riga, "Zinatne", 1967. 228 p.

MOLCHANOV, P. V. [Open pit mining of mineral deposits] Okrytaya razrabotka mestorozhdeniy poloznykh iskopnykh. Moskva, "Nedra", 1967. 191 p.

MOLOCHIK, V. A. [Repair of steam turbines] Remont parovykh turbin. Izd. 3-o, polnost'yu pererabot. Moskva, "Energiya", 1968. 376 p.

MOSKOVSKI ENERGETICHESKI INSTITUT. [Reports of a scientific and technical conference on results of research work in 1966-1967. Section of automation, computers, and measurement techniques. Subsection of automatic and remote control] Doklady Nauchno-tekhnicheskoi konferentsii po itogam nauchno-issledovatel'skikh rabot za 1966-1967 gody. Sektsiya avtomatiki, vychislitel'noi i izmeritel'noi tekhniki. Poloskatsiya avtomatiki i telemeidantiki. Moskva, Ch. I. Redaktory: A. V. Netushtii, V. P. Boroduk. 1967. 288 p.

MOSKOVSKI ENERGETICHESKI INSTITUT. [Reports of a scientific and technical conference on results of research work in 1966-1967. Section of electrification and automation in industry and transportation. Subsection of electrothermal systems] Doklady Nauchno-tekhnicheskoi konferentsii po itogam nauchno-issledovatel'skikh rabot za 1966-1967 gody. Sektsiya elektrofiziki i avtomatizatsii promyshlennosti i transporta. Poloskatsiya elektrotimicheskikh ushrovok. Red. A. D. Sventchanskii. Moskva, 1967. 100 p.

MOSKOVSKI ENERGETICHESKI INSTITUT. [Reports of a scientific and technical conference on results of research work in 1966-1967. Section of electric machinery construction. Subsection of electric equipment design] Doklady Nauchno-tekhnicheskoi konferentsii po itogam nauchno-issledovatel'skikh rabot za 1966-1967 gody. Sektsiya elektromekhanicheskaya. Poloskatsiya elektropriborostroyeniya. Red. G. V. Bulkevich. Moskva, 1967. 102 p.

MOSKOVSKI ENERGETICHESKI INSTITUT. [Reports of a scientific and technical conference on results of research work in 1966-1967. Section of power machinery construction. Subsection of steam generator construction] Doklady Nauchno-tekhnicheskoi konferentsii po itogam nauchno-issledovatel'skikh rabot za 1966-1967 gody. Sektsiya energomashinostroneniya. Poloskatsiya parogeneratorsiroeniya. Red. A. P. Kovalev. Moskva, 1967. 254 p.

[MOTOR VEHICLES OF THE U.S.S.R. Catalog and reference book] Avtomobil'nyy katalog. Katalog-spravochnik. Moskva, (Seriya "Spezializir. avtomobil'nyye i prikladnyye podvzkhnoye ustavy"). Vyp. 2. Dnepropetrovsk. Avtomobil'-samostoy. 1967. 20 p.

MOVSHOVICH, M. I. [Semiconductor frequency converters. Principles of theory and design] Poluprovodnyye konyi prevrashchately chistoty. Osnovy teorii i racheta. Leningrad, "Energiya", 1968. 264 p.

[MUNICIPAL MACHINERY, MECHANISM, AND EQUIPMENT. Handbook] Mashiny, mekhanizmy i oborudovaniye kommunalnogo khozaystva. Spravochnik. Pod obshch. red. E. M. Antrova. Kiev, "Budivelnik", 1968. 200 p.

NARJUT, A. N. [Testing hydrodynamic transmitters of construction and road machinery. Review] Issledovaniye gidrodinamicheskikh peredach stroitel'nykh i dorozhnykh mashin. Obzor. Moskva, 1967. 77 p. (NII Informatsii po stroit. i dor. i kommun. mashinostroyeniya. Seriya "Stroitel'noye mashinostroyeniye").

NAUMENKO, V. S., and K. I. IL'INOVSKAYA. [Precast reinforced-concrete abutments and pavement slabs for streetcar tracks] Bournyye zhelezobetonnyye osvayeniya i pokrytiya tranval'nykh puti. Moskva, Stroiizdat, 1967. 101 p.

NECHAYEV, G. A. [Insulation of heating pipelines by hydrophobic naphthol kuramul concrete] Izolatsiya teploprovodov gidrofobnyim naphtholokuramulobetonom. Leningrad, 1968. 27 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Stroitel'noye mashinostroyeniye").

NIKIFOROV, A. S. [Assembly and adjustment of hoisting and conveying equipment. (From the series "Engineer's speciality in the assembly of metallurgical equipment") Montazh i nalazhka pri'emo-razvalyayushchego oborudovaniya. (Iz serii "Inzhener-montazhnik tsel'nykh oborudovaniy"). Moskva, "Metallurgiya", 1969. 100 p.

NIKIFOROV, V. A. [Winning coal deposits and U.S. mechanical cutting of peat] Izrabotka i mekhanicheskaya porabotka torfa. Minsk, "Vyshtetel'skaya shkola", 1969. 331 p.

NIKITIN, B. P. [Fish products] Rybnyye produkty. Moskva, "Pishchevaya prom.-st.", 1968. 349 p.

NODOZHILOV, A. F. [Technology and mechanization of flooring operations using plastic materials] Tekhnologiya i mekhanizatsiya rabot po ustroystvu pokrytiya iz plastmassovykh materialov. (Opyt Novosibirska "Okolostroi"). Moskva, Stroiizdat, 1967. 50 p.

NOVIK, I. S., and P. A. NOGIN. [Cinematographic optics] Kinos'omicheskaya optika. Moskva, "Iskusstvo", 1968. 408 p.

NUSS, P. A., and A. N. IAMPOL'SKI. [Economy and efficient use of materials at building sites] Ekonomika i ratsional'noye ispol'zovaniye materialov na stroitel'stve. 2-o izd., pererabot. i dop. Moskva, Stroiizdat, 1967. 160 p.

[Materials of a conference on the results
 scientific research in the field of metallurgy]
 1977 konferentsii po itogam nauchno-issle-
 doval'skikh rabot v oblasti metallurgii. Pod
 red. V. P. Solntseva i A. V. Kuzina. 1967, 206 p.

ION OF PRODUCTION IN VARIOUS
 S OF THE MACHINE-TOOL INDUSTRY.
 Index of Soviet Literature (1917-Novem-
 ber). Organizatsiya proizvodstva v razlichnykh
 stankostroitel'noi promyshlennosti. Bibli-
 oteka ukazatel' obochestvennoi literatury (1917-
 37 gg.) Moskva, 1967, 64 p.

V, P. K. [Life and dreams. Notes of an
 inventor, designer, and scientist] Zhizn'
 Zapiski inzhenera-izobretenitsa, konstruk-
 tora. Moskva, "Mosk. rabochii," 1967.

KI, B. M., and V. A. SABOLIN. [Distribu-
 tion of passenger traffic according to types of trans-
 port systems and their regionalization] Inzhe-
 nerskii ukazatel' obochestvennoi literatury (1917-
 37 gg.) Moskva, "Transport," 1966.

AND THE SEA. A translation. Net' i
 Moskva, "Nedra," 1967-1968, 2 v.

PRODUCTS. Test methods. Nalozhennosti
 izl. ofits. Moskva, Izd. standartov,
 1967, 745 p.
 1967, 364 p.

REFINING AND PETROCHEMISTRY]
 rabotka i neftekhimiya. Kiev, "Naukova
 1967, 291 p.

N. M. [Shift striking and decanting] Pro-
 duktsiya shvov shakli. Izd. 3-e, pereb. i
 Moskva, "Nedra," 1967, 243 p.

L. S. [Small machines for preparing mixed
 granular (mixture) konvolyatornyye mashiny.
 "Kartia Moldovenko," 1964, 67 p.
 [MICROFILM]

V. V. and I. I. STASHENIKOV. [Improving
 of cast iron] Povyshenie kachestva chuguna.
 ovs. "Promin," 1967, 80 p.

P., and S. F. MATALASOV. [Freight and
 at operations on railroads] Gruzovaya i
 Moskva, "Mashinostroenie," 1967, 360 p.

SOURCES OF THE U. S. S. R. [Energetiches-
 y SSSR. Moskva, "Nauka,"
 [Fuel and power resources] Toplivo-
 energeticheskie resursy. Avi. A. K. Arak't. i dr.
 redakt. M. V. Molotov, 1966, 631 p.

ON ABRASIVE MATERIALS] Proizvodstvo
 sh materialov. Pod red. V. N. Krylova.
 "Mashinostroenie," 1966, 170 p.

ETRONICS HANDBOOK] Spravochnik po
 ronika. Pod obsled. red. A. A. Kulikovskogo
 "Energiya,"
 1967, 646 p.

[Dynamics and strength of centrifugal com-
 plications] Dinamika i prochnost' isentrobozh-
 nitsosnykh mashin. Leningrad, "Mashino-
 1966, 268 p.

ING OF GYPSUM PRODUCTS. (Review)]
 ta sushka gipsovykh izgot. (Obzor). Mo-
 7, 27 p. (Tekhnicheskaya informatsiya).

EMENT USED IN MANUFACTURING REIN-
 CONCRETE MEMBERS (Review)] Armatura,
 nala dlia izgotovleniya zhелеzobetonnykh
 (Obzor). Moskva, 1967, 31 p. (Tekhnich-
 informatsiya)

[ROSTOV KREMLIN] Rostovskii kreml'. Tekst E. Dor-
 sha. Fotogr. i G. Zemtseva. Moskva,
 "Sov. khudozhnik," 1967, 20, [60] p. Illus.

SADYKOVA, F. Kh. [Study of textile materials and prin-
 ciples of textile production] Tekstil'nyye materialy-
 vedeniye i osnovy tekstil'nogo proizvodstva. Moskva,
 "Legkaya industriya," 1967, 363 p.

[SAFETY MANUAL FOR USE IN SERVICING AND
 REPAIRING STORAGE BATTERIES] Pamiatka po
 tekhnike bezopasnosti pri obsluzhivani i remonte
 akkumulyatornykh baterii. Moskva, Rossel'khozizdat,
 1967, 23 p. (Pamiatka po tekhnike bezopasnosti).

[SAFETY MANUAL ON THE OPERATION OF EARTH-
 MOVING MACHINERY] Pamiatka po tekhnike bezopas-
 nosti pri rabote na zemlerolnykh mashinakh. Mo-
 skva, Rossel'khozizdat, 1967, 28 p. (Pamiatka po
 tekhnike bezopasnosti).

[SAFETY RULES AND INDUSTRIAL SANITATION IN
 MACHINERY INDUSTRY FOUNDRIES] Pravila tekhn-
 iki bezopasnosti i proizvodstva sanitarnykh i gien-
 nomy proizvodstva mashinostroitel'noi promyshlenn-
 nosti. Uv. 19/XI 1958 g. S izm. 110p. ot 26 avg.
 1965 g. Moskva, "Mashinostroenie," 1967, 71 p.

SAMOILOV, G. P., and V. A. SKOTIN. [Distortions of
 picture and sound in television and methods for
 eliminating them] Izkazheniya izobrazheniya i zvuka
 v televizore i sposoby ikh vstraneniya. Moskva,
 "Svyaz," 1968, 127 p. (B-elektr. "Televiz. priem."
 Vyp. 42).

[SANITARY EQUIPMENT] Sanitarno-tekhnicheskoe
 oborudovaniye. Izl. ofits. Moskva, Gos. standarty,
 1967, 462 p. (Gos. standarty SSSR)

[SEMICONDUCTOR DEVICES IN ELECTRICAL COM-
 MUNICATION] Poluprovodnikovyye pribory v tekhnike
 elektratsvya. Summ. st. izl. ofits. L. F. Nikolaev-
 skogo. Moskva, "Svyaz,"
 Vyp. 1, 1967, 263 p.

SEMIKHATOVA, N. M., M. V. MALYGINA, and S. P.
 PAPOK. [Production of yeast] Proizvodstvo droz-
 zhe. Moskva, "Mishchevala prom-st," 1967, 154 p.
 (Uchebnoe posobie dlia podgotovki kadrov massovykh
 professii).

SEMINAR "ALGORITHMIZATSIYA PROIZVODSTVENNYKH
 PROTSESSOV." [Seminar "Algorithmization of
 production processes"; reports] Seminar "Algorit-
 mizatsiya proizvodstvennykh protsessov"; [doklady].
 Kiev.
 Vyp. 1, 1966, 162 p.

SEMINAR "ELEKTRONNOE MODELIROVANIYE ZADACH
 MEKHANIKI." [Seminar "Electronic modeling of
 mechanical problems"; reports] Seminar "Elektron-
 noe modelirovaniye zadach mekhaniki"; [doklady]. Kiev.
 Vyp. 1, 1967, 107 p.

SEMINAR "TEORIYA TOCHNOSTI I NADEZHNOSTI
 KIBERNETICHESKIKH SISTEM." [Seminar "Theory
 of precision and reliability of cybernetic systems";
 reports] Seminar "Teoriya tochnosti i nadezhnosti
 kiberneticheskikh sistem"; [doklady]. Kiev.
 Vyp. 1, 1967, 111 p.

SENCHENKO, N. M. [Dampness in residential buildings,
 its sources and control] Syrost' v zhilykh zdaniyakh,
 ee istochniki i bor'ba s nei. Moskva, Stroiizdat, 1967,
 257 p.

[ITLS SCRAPER WINCHES] Skrapernyye lebedki ITLS.
 Moskva, "Nedra," 1968, 77 p.

SHOR, K. G. [Transistorized television channel selector
 stages] Bloki PTK na tranzistorakh. Moskva, "Ener-
 giya," 1968, 47 p. (Massovaya radiobiblioteka.
 Vyp. 671).

SHUL'MAN, M. IA. [Modern cameras] Sovremennyye
 fotograficheskiye apparaty. Moskva, "Iskusstvo,"
 1968, 111 p. (Massovaya fotogr. b-ka).

SIDENKO, P. M. [Contribution to the chemical industry]
 Izmeleniye v khimicheskoy promyshlennosti. Mo-
 skva, "Khimiya," 1968, 382 p.

SOLOVEICHIK, A. I. [Manual for televiewers] Spr-
 avochnik televizitela. Izd. 2-e, dop. Moskva,
 "Svyaz," 1968, 80 p.

SOTNIKOV, S. K. [Long-distance television reception]
 Dal'nai priem televizitela. (Izd. 2-e, pereb. i
 dop.) Moskva, "Energiya," 1968, 67 p. (Massovaya
 radiobiblioteka. Vyp. 668).

STARODUBTSOVA, V. S. [Collection of problems on the
 establishment of engineering norms for machinery
 manufacture. (Metal-casting and fitting-assembling
 operations)] Sbornik zadach po tekhnicheskomy
 normirovaniyu v mashinostroenii. (Stanochnyye i
 slernno-slernnyye raboty). Moskva, "Mashinostroe-
 nie," 1967, 151 p.

[STRUCTURAL MECHANICS IN EXAMPLS AND
 PROBLEMS] Stroiitel'naya mekhanika v primerakh i
 zadachakh. Pod red. V. A. Kiseleva. Izl. 2-e, ispr.
 i dop. Moskva, Stroiizdat, 1968, 387 p.

[STRUCTURAL THERMOPHYSICS] Stroiitel'naya teplo-
 fizika. Pod obsled. red. A. V. Lykova. Moskva,
 "Energiya," 1968, 351 p.

[SURVEYING] Inzhenernaya geodeziya. Pod obsled. red.
 L. S. Khrenova. Moskva, "Nedra," 1967, 366 p.

SVETKIN, B. K. [Technological sciences and industry]
 Tekhnicheskiye nauki i proizvodstvo. Moskva, "Mosk.
 rabochii," 1967, 144 p.

TARASOV, S. V. [Continuous linen-spinning line] Polochn-
 noe pradeniye lina. Moskva, "Legkaya industriya,"
 1967, 176 p.

[THEORY AND PRACTICE OF ELECTRIC AND MAG-
 NETIC METHODS OF SEPARATING MINERALS]
 Teoriya i praktika elektricheskikh i magnitnykh meto-
 dov asparatsii poleznykh iskopaemykh. Moskva,
 "Nauka," 1968, 127 p.

TIKHOMIROVA, A. N., P. L. TIKHOMIROV, and B. P.
 TARYSHEV. [Fundamentals of electrical engineering,
 electronics, and radio engineering] Osnovy elektr-
 otekhniki, elektroniki i radioelekhniki. Izl. 3-e,
 stereotip. Leningrad, "Nedra," 1968, 471 p.

[TITANIUM METALLURGY] Metallurgiya titana. Moskva,
 "Metallurgiya," 1968, 243 p.

TOZONI, O. V. [Calculation of electromagnetic fields
 using computers] Raschet elektromagnitnykh polov
 na vychislitel'nykh mashinakh. Kiev, "Tekhnika,"
 1967, 251 p.

TROSTIN, E. A., V. N. LITVINOV, and V. M. KRIVO-
 ROT'KO. [Illustrated manual for car inspectors]
 Illustrirovannoe posobie osmotritel'nykh vagonov.
 Moskva, "Transport," 1967, 150 p.

TSYGANOK, I. P. [Vulcanization equipment of tire
 plants] Vulkanizatsionnoye oborudovaniye shinykh
 zavodov. Moskva, "Mashinostroenie," 1967, 324 p.

[UTILIZATION AND PROTECTION OF WATER RE-
 SOURCES OF WHITE RUSSIA] Ispol'zovaniye i okhrana
 vodnykh resursov Belorussii. Minsk, "Nauka i lekhnika,"
 1967, 203 p.

[USE OF NONDESTRUCTIVE METHODS OF CONCRETE
 TESTING IN BUILDING PRACTICE. Transactions of
 the International Scientific and Technological Confer-
 ence held in April 1968, in Leipzig (DDR). Translated
 from the German] Primeneniye nerazrushatel'skikh
 metodov issledovaniya bolona v stroitel'noi praktike. Trudy
 Mezhdunar. nauch.-tekhn. konferentsii, sostoyavshiesya
 v apr. 1968 g. v g. Leipzige (DDR). Pod red.
 A. K. Posadetskogo. Moskva, Stroiizdat, 1968, 215 p.

VALK, Kh. IA. [Antiseptic treatment of power trans-
 mission line poles] Antisepticheskoye opor liniy elektro-
 peredachi. Moskva, "Energiya," 1968, 94 p. (B-ka
 elektromonera. Vyp. 240).

VASYLEVS'KIY, I. A., and I. T. DASHENKO. [Electric
 power engineering in Transcarpathia] Elektro-
 energiya Zakarpattia. Uzhhorod, "Karpaty," 1967,
 103 p.

- VECHERA, N. D. [Use of electric power in agriculture] *Primenenie elektricheskoi energii v khozstaysve*. Moskva, "Kol'os," 1968. 87 p.
- VIASEVSKO, V. N., I. A. DENIDENKO, and G. A. TSELYKOVSKI. [Concise handbook for reinforcement litters] *Kratkii spravochnik armaturnykh lityi*. Kiev, "Bdivel'-nik," 1959. 171 p.
- VOLKOV, I. I. [Production of chlorine and caustic soda by means of electrolysis with a mercury cathode] *Proizvodstvo khloro i kausiticheskoi sody metodom elektroliza s rutilnyimi katodami*. Pod red. L. M. Iakimchaka. Minsk, "Khimika," 1959. 220 p. (Proizvodstvo khloro i kausit. sudy)
- VOLKOV, O. I. [Economic efficiency of production mechanization and automation under mass and large-lot production] *Ekonomicheskaya effektivnost' mekhanizatsii i avtomatizatsii proizvodstva v mashinostroenii v usloviyakh massovogo i krupnoseriynogo proizvodstva*. Moskva, "Mashinostroyeniye," 1963. 124 p.
- VOLKOV, V. M. [Functional electronic amplifiers with a wide dynamic band] *Funktsional'nye elektronnyye usiliteli s shirokim dinamicheskimi diapazonom*. Kiev, "Tekhnika," 1967. 341 p.
- VOL'PERT, G. D. [Reconditioning worn-out parts] *Vosstanovlenie iznoshennykh detalей*. Moskva, "Mashinostroyeniye," 1967. 117 p.
- VORONKOV, B. D. [Nonlubricated bearings] *Podshkurniki sukhogo treniya*. Leningrad, "Mashinostroyeniye," 1966. 139 p.
- VSESOUZNOE NAUCHNO-TEKHNIЧЕСКОЕ СОВЕЩАНИЕ ПО АВТОМАТИЗАЦИИ И МЕХАНИЗАЦИИ ПРОЦЕССОВ ЛИТЕЙНОГО ПРОИЗВОДСТВА, 2d. [Automation of melting and casting processes. Automation and mechanization of foundry processes. Abstracts of reports] *Avtomatizatsiya protsessov plavki i razlivki. Avtomatizatsiya i mekhanizatsiya litelnykh protsessov. Tezisy dokladov*. Lugansk, Sektsiya I. 1967. 139 p.
- VSESOUZNYI NAUCHNO-ISSEDOVATELSKIY INSTITUT PRIRODNYKH GAZOV. [Reports at the meeting of the scientific council dedicated to the 50th anniversary of the Great October Revolution. October 18-19, 1957] *Doklady na zasedanii Prirodnogo soveia, posvashchennomu 50-letiyu Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. 18-19 okt. 1957 g.* [Moskva,] 1967. 133 p.
- [WOODEN STRUCTURAL ELEMENTS FOR RESIDENTIAL AND PUBLIC BUILDINGS] *Derevyannye izdeliya dlia zhilykh i grazhdanskikh zdaniy*. Izd. otkr. Moskva, Izd. standartov, 1957. 172 p. (Gos. standarty SSSR).
- ZAKHAROV, V. K. [Electronic elements of automatic control] *Elektronnyye elementy avtomatiki*. Leningrad, "Energiya," 1957. 352 p.
- ZIERBEY, M. M., S. I. BALINSKI, and S. O. OUKHOVNYI. [Waste-dumping transporter bridges and waste pile stackers] *Transportno-otval'nye mosty i otvalnoobrazovalei*. Kiev, "Tekhnika," 1968. 122 p.
- ZHUUKOV, A. A., I. P. LUZINKOV, and R. IA. DYNKINA. [Materials used in machinery manufacture. Pocket handbook] *Mashinostroitel'nye materialy. Karmannyi spravochnik*. Moskva, "Mashinostroyeniye," 1967. 162 p.
- ZOTOV, I. G., and D. I. PANFEROV. [Handbook of the motorcycleist] *Spravochnik mototsiklistov*. Moskva, DOSAAF, 1967. 205 p.

17. MILITARY & NAVAL SCIENCES

BEIJON, S. I. [Blue ribbon of the Atlantic] *Golubaya lentva Atlantiki*. Leningrad, "Sudostroyeniye," 1967. 299 p.

[CATALOG AND REFERENCE BOOK ON EQUIPMENT AND DEVICES FOR MECHANIZING SHIP REPAIR OPERATIONS] *Katalog-spravochnik oborudovaniya i prispособleniy dlia mekhanizatsii avtomatizatsii rabot*. Moskva, "Transport," Vyp. 2. 1966. 128 p.

FLEEROV, NIKOLAI. [Ship named after the Revolution. Korabl' imeni revoliutsii]. Moskva, Izd. DOSAAF, 1967. 120 p.

[GUARDING THE ACHIEVEMENTS OF THE GREAT OCTOBER REVOLUTION FOR 50 YEARS] *Plat' shatel na strazhe zavoevannoi Velikoi Oktabr'skoi Vostanitsy*. [Moskva Voenizdat, 1968] 32 p.

LESIUKOV, V. A. [Theory and arrangement of vessels for inland navigation] *Teoriya i ustroystvo sudov vnutrennego plovaniya*. Izd. 2-n, pereizdat. 1 d.p. Moskva, "Transport," 1967. 362 p.

MAN'KO, P. A., and V. F. MEDVOLOV. [Marine hull-maker] *Sukhovoi kolebelsnik*. Leningrad, "Sudostroyeniye," 1966. 203 p.

MIKHAILOV, M. P. [A medal for combat, a medal for work...] *Medal' za bitvu, medal' za trudu... Perel.* Kn. izd., 1967. 52 p. (Iz chlen priizyvanits).

NOGIB, I. M. [Design of seagoing ships] *Proektirovaniye morskikh sudov*. Leningrad, "Sudostroyeniye," Ch. 2. [Ship stability and the behavior on waves, seas] *Odnobitovost' sudov i ego povedeniye na vyzvayavaniyakh morya*. 1967. 241 p.

[PEOPLE FROM THE URALS ARE GOOD FIGHTERS] *Ital'nyy bitovitsa zibuvaya. Sverilovsk, Sverdlovskaya oblasht', 1966. 236 p.*

[PROVISIONAL TECHNICAL CONDITIONS AND STANDARDS FOR STORING PIECE CANNONS IN WARPHOUSES] *Vremennyye tekhnicheskiye usloviya i etandarty zagruzki skladyv zhitovnykh pruzam, Uv. 26/III*. 1967 g. Moskva, "Transport," 1967. 61 p.

VAKHAROVSKI, G. A., P. F. KUCHENKOV, and V. F. MUZIK. [Modern dock facilities for large and medium ships] *Sovremennyye dokovyye sooruzheniya dlia krupnykh i srednikh sudov*. Leningrad, "Sudostroyeniye," 1966. 256 p.

ZUBAROV, D. I., and V. M. RUBAN. [Ventilation and air conditioning on motor ships. Characteristics of design and construction] *Ventilyatsiya i konditsionirovaniye vozdukh na abmotnykh sudakh. Oshcherceniye proektirovaniya i ustroystva*. Leningrad, "Sudostroyeniye," 1966. 338 p.

- Zhetelov, V. A. - Perturbation of Schrödinger's periodic operator by a vanishing potential. p. 144.
- Maz'la, V. G., Khavina, V. P. - Cauchy problem for the Laplace equation. p. 146.
- Kud'merov, V. A. - Difference analog of a multiplicative inequality. p. 150.
- Vol. 23, no. 10, May, 1958. Fizika, Khimiya [Physics, Chemistry], no. 2.
- Table of contents translated:
- Litkavskii, V. D., Tsigulev, M. N. - Interacting generalized Yang-Mills fields. p. 7.
- Adamov, M. N., and others - Calculating the square of the matrix element of the operator of the dipole moment for the first $s \rightarrow p$ -transition in a simple F-center model. p. 16.
- Shul'f, A. V. - Valency electron core correlation and the polarization potential. p. 22.
- Iarunin, V. S. - Quadrupole interaction in a linear chain of orth-hydrogen molecules. p. 28.
- Grebinskii, A. S. - Effect of the tensor of viscous stresses on the instability of Alfvén waves in a uniformly moving media. p. 35.
- Vaganov, P. A. - Elastic and inelastic scattering of polarized 20 Mev. protons by Mg_{24} , Mg_{25} , Mg_{26} , Al_{27} , and Si_{28} nuclei. p. 41.
- Petrova, T. S., Razumovskii, A. N. - Measuring the amplification factor in gaseous lasers operating at 0.63 and 1.15 μ . p. 56.
- Kruglov, V. L., Strakhov, L. P., Gishin, N. A. - Diffusion in amorphous As_2S_3 films. p. 62.
- Pimerov, I. D. - Surface excitation states produced by adsorption of organic molecules. p. 68.
- Vaid'kova, I. V., El'mor, A. I., Lisenko, E. K. - Kinship of formation of coordination compounds K_2CrCl_4 , K_2CrCl_4 , K_2CrCl_4 . p. 73.
- Kravtsov, V. I., Chumacov, V. N. - Exchange currents of zinc amalgam and zinc electrodes in oxalate electrolytes. p. 80.
- Tikhonchikova, K. P., Koz'mina, V. S. - Effect of electrokinetic properties of capillary systems on the electroosmotic displacement on anisotropic kerosene by water. p. 87.
- Grigorov, O. N., Sverdlov, N. S., Bazhenova, A. V. - Electrochemical activity of concentrated O.W. emulsions stabilized by solid emulsifiers. p. 91.
- Chernoberezhskii, I. U. M., Anikovich, A. I., Zet'ser, A. B. - Use of sol-concentration (suspension) effect for the determination of the isoelectric point. p. 100.
- Kazakov, F. V., Karpova, I. F. - Mechanism of formation of ferrocyanide-organic ion exchangers and nature of the exchange involved. p. 105.
- Okunev, A. S., Fridlitsberg, D. A. - Study of electroosmosis in the inner circuit of galvanic cell. Part I: Convective flow in a porous cell diaphragm. p. 110.
- Gajindashvili, Kh. I., Kholiditskii, B. A. - Preparation of glass ultrafilters of geometrically regular structure. p. 115.
- Zhukov, A. N. - Study of flow currents in nonpolar liquids. p. 121.
- Goldstina, Z. G., Lebedeva, I. I., Ikhareva, T. P. - Effect of organic reagents on the precipitation of tungsten as tungstic acid. p. 128.
- Stoliarov, K. P., Pogodaeva, V. G., Kuz'mina, N. E. - Photometric determination of tin with morin. p. 133.
- Ivanov, V. S., and others. - Study in the field of radiation polymerization. Part II: Radiation polymerization of 2-p- and 2-n- chlorophenylmalonides. p. 137.
- Khusanov, G., Rudenok, M. I. - Study of tungsten oxide aerosol. p. 141.
- Kochergina, N. N., Parfenov, A. I., Petrova, T. V. - Method of studying the chemical stability of glasses at 90-150° C. p. 144.
- Arkhangelskii, I. K., Malorova, E. A. - Some regularities of water vapor absorption by mixed forms of sulfonated cation exchangers with a different number of cross linkages. p. 146.
- Franklin, A. A. - Additive electroconductivity of polyalkaline silicate glasses. p. 148.
- Romanov, I. U. F. - Effective stream and effective cross section for the (p, γ) reaction in the reactor spectrum of neutrons. p. 150.
- Kholiditskii, B. A. - Liquid viscosity value in the system of thin capillaries. p. 153.
- B. M. Isaanovskii, 1894-1967; obituary. p. 155.
- NALCHIK. KABARDINO-BALKARSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [KABARDINO-BALKAR STATE UNIVERSITY. Studies]. No. 30, 1968. Series in Mathematics.
- Table of contents translated:
- Ardeev, N. A. - Distribution of stellar velocities near the sun. p. 3.
- Bugulov, E. A. - Existence of odd hyperperfect numbers. p. 8.
- Gritshpun, Z. S. - On some classes of orthogonal polynomials. p. 21.
- Gladukhin, I. B., Elishinskii, A. M. - Integration of equations. p. 25.
- Elin, M. V. - Near-convergence and general properties of continuous summing methods. p. 28.
- Ignatieva, R. P. - Theorems on embedding subgroups in a local group. p. 31.
- Kirishchev, R. I. - Equidistant projections in Lobachevskii space. p. 45.
- Kirishchev, R. I. - Oricyclic projections in Lobachevskii space. p. 61.
- Kolobov, P. G. - Infinitesimal deformations of surfaces with conservation of the area. p. 65.
- Karasev, I. M. - Theory of generalization of integral Legendre transformations. p. 69.
- Kudae, M. B. - Periodic solutions of systems of differential equations. p. 71.
- Kudae, M. B. - Boundedness of solutions of systems of differential equations. p. 72.
- Labatkin, D. N. - Dispersion of a series of values of a gauge linear function. p. 75.
- Labatkin, D. N. - Construction of gauge curves. p. 77.
- Labatkin, D. N. - Sum of quantities inverse to unitarily cuptime natural numbers. p. 80.
- Lanin, I. N. - Contribution to the theory of the equation $y_{2x} + y_{2y} = 0$. p. 83.
- Lease, V. D. - Group of principal units of completely branching extensions of a regular local field. p. 85.
- Lease, V. D. - On a theorem of E. Noether. p. 82.
- Lozovskii, R. A. - Programmed control testing in vector algebra. p. 97.
- Mokoev, A. Z. - Use of programming elements in differentiated group teaching of mathematics in school. p. 103.
- Malor, N. V. - Generalization of a variational problem. p. 113.
- Malov, N. V. - Convergence conditions of Galorckin-type methods for nonlinear equations with potential operators. p. 118.
- Mavakants, L. G. - Multiplications of completely decomposable groups of finite rank. p. 122.
- Mavakants, L. G. - Multiplications on a direct sum of Abelian semigroups. p. 124.
- Mavakants, L. G. - Multiplications in groups of the first rank. p. 125.
- Mavakants, L. G. - Homomorphisms of Abelian semigroups. p. 127.
- Naumovich, N. V. - Model of Monge's projection diagram of a Lobachevskii space on a Euclidean plane. p. 129.
- Naumovich, N. V. - Monge's method in n-dimensional Lobachevskii space. p. 134.
- Naumovich, N. V. - Perspective projections in Lobachevskii space. p. 141.
- Naumovich, N. V. - Parallel projections in Lobachevskii space. p. 146.
- Naumovich, N. V. - A radial model of Lobachevskii space. p. 163.
- Oricyclic and equidistant projections in n-dimensional Lobachevskii space. p. 122.
- Nilov, G. N. - Calculation of $\sum_{m=1}^n \frac{1}{m^2}$. p. 101.
- Nikitin, A. K., Puletko, E. N. - Wave motion of a viscous fluid. p. 193.
- Ozlegov, V. B. - General approach to the study of certain properties of regular monotone polynomials (see also 1967, no. 1, p. 106).
- Sergeev, E. A. - Fields akin to a cubic field. p. 201.
- Sogomova, G. A. - Extremum problems in the theory of regular monotone polynomials. p. 203.
- Skvortsov, P. G. - Upper limit of oscillation in some summing methods. p. 205.
- Skvortsova, M. G. - Classification criteria for Fourier trigonometric series. Part I. p. 211.
- Skvortsova, M. G. - Multipliers of Fourier series. Part I. p. 219.
- Skvortsova, M. G. - Classification criteria for orthogonal series. Part I. p. 229.
- Skvortsova, M. G. - New classification criteria for orthogonal series. Part I. p. 233.
- Smolin, B. N. - Generalization of the orthogonality concept. p. 241.
- Skopets, Z. A., Shumilov, A. N. - A constructive method for studying Laguerre transformations on a hyperbolic plane. p. 243.
- Skopets, Z. A. - Mapping a four-dimensional space onto a two-dimensional plane with the aid of a normed surface. p. 251.
- Tikhonov, V. R. - Convariant form of the laws of vector currents in Minkowski space. p. 259.
- Tikhonov, V. R. - Necessary and sufficient condition for the conversion of an arbitrary matrix into a Hermitean matrix by a similarity transformation. p. 263.
- Timofeev, A. V. - Estimating the effect of the number of indicators on the reliability of recognition. p. 265.
- Telova, E. I. - Oblique mapping of a plane onto a plane in four-dimensional space. p. 269.
- Tipov, G. I. - Corner area of figures on equidistant surfaces in Lobachevskii space. p. 275.
- Frankovskii, A. T. - Equivalence of the totalization principle. p. 279.
- Khavachov, S. K. - Boundedness and continuity of a function with limited variation. p. 283.
- Khavachov, S. K. - Overappings of Lobachevskii spaces. p. 291.
- Kos, N. I. - New theorems on birationality (Theorems 9-16). p. 293.
- Klaiman, H. N. - Maximal arcs in the Golubev plane S_2 . p. 297.
- NOVGORODSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [NOVGOROD STATE PEDAGOGICAL INSTITUTE. Studies]. Novgorod, vol. 7, 1968. Higher mathematics.
- Table of contents translated:
- Domracheva, G. I. - Note on infinite-order algebras and their ideals. p. 3.
- Ivanov, G. A. - Ideals in generalized semibounded rings of continuous functions. p. 17.
- Ivanov, G. A. - Characteristics of maximal ideals in normal subrings of a ring of continuous functions. p. 28.
- Zyblin, I. M. - Convergence conditions for a sequence of linear operators of class S_{pp} . p. 37.
- Kantor, H. E. - One meaning of an integral of the mean curvature of a smooth surface of bounded curvature. p. 44.
- Tharsov, V. A. - Estimation of the maximum module of bounded generalized solutions of quasi-linear second-order elliptic equations with divergent main part in the infinite domain. p. 48.
- Oskolkov, A. P. - A problem for the Laplace equation in a sphere and a circle. p. 54.
- Igorovskii, L. A. - Method for estimating and computing errors of alternating series and its application in physics. p. 60.
- Brzhozovskii, M. I. - Superposition of an E-function and elementary functions of several variables. p. 71.
- Polotskii, V. V. - New proof of some theorems on mathematical analysis. p. 112.
- Petrova, E. S. - Remarks on the presentation of one-dimensional geometry as a basis for the axiomatic formulation of a two-dimensional geometry. p. 88.
- Petrova, E. S. - An interpretation of the system of axioms in Euclidean plane geometry. p. 96.
- Kropina, V. K. - Constructing a model of a Euclidean plane on the basis of a projective plane. p. 100.
- OREL. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 37, 1967. The October Revolution and development of the new social relations of the 50th anniversary of the Great October Socialist Revolution.
- Table of contents translated:
- Domracheva, G. I. - Historical dynamics for the theory of origination and development of the two forms of property in the U.S.S.R. p. 5.
- Korolev, V. A. - Development of socialist property in the process of the building of socialism. p. 40.
- Shklovskii, A. I. - Changes in the social structure of rural areas and the implementation of the alliance of peasants and workers during the building of socialism and communism in the U.S.S.R. p. 60.
- Leuskov, A. I. - Labor power during the first years of Soviet rule. p. 103.
- Shklovskii, M. I. - Role of the agricultural proletariat in the consolidation of Soviet rule in rural areas 1917-1927. p. 130.
- Kopylov, I. A. - International traditions of the October Revolution. p. 183.
- The October Revolution and some problems of freedom and democracy. p. 140.
- PETROZAVODSK. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 11, no. 3, 1968. Problems of science and animal husbandry in Karelia.
- Table of contents translated:
- Gulnov, M. S. - Profit and carrying capacity are the most important economic indices of state farm production. p. 3.
- Petrovskii, I. A., Galochkina, M. V. - Problems in attempting specialization on the state farms of the Karelian A.S.S.R. p. 10.
- Zaitsev, S. V., Petrovskii, I. A. - Concentration of fur farming on the state farms of the Karelian A.S.S.R. p. 15.
- Karmanova, K. P. - Inheritance of some milk components in cows of the red-polish Swedish breed. p. 18.
- Karmanova, E. P., Nikolaeva, G. N. - Interrelation of some biochemical indices of milk and blood in cows of the Finnish breed and its hybrids. p. 22.
- Bolgov, A. E. - Some biochemical indices of the blood and milk in Ayreshire cattle. p. 28.
- Bolgov, A. E. - Exterior features of the cows of the Ayreshire breed and its hybrids in Karelian conditions. p. 31.
- Bolgov, A. E. - Relationship between milk yield, live weight and the exterior characteristics of Ayreshire cows. p. 37.
- Rachkov, A. A., Efremova, T. V., Konashkova, T. M. - Pedigree of a herd of brown Latvian cattle on the collective farm named after Zaitsev. p. 40.
- Borostov, V. A., and others. - Glyco- and lipoproteins in the blood of mink, polar fox, and common fox. p. 40.
- Borostov, V. A., Rodnikov, A. D. - Diagnosis of fatty degeneration of the liver in minks. p. 60.

pylous infestation in the lung tissue of rosin

V.D. - Feed composition of domestic ducks in pasture on Karelian lakes. p. 70.

V.B. - Results of a determination of the composition of the food of domestic ducks in pasture on the White Sea littoral. p. 80.

N.I. - Significance of the pulvic excretions in temperature regulation reactions in felines. p. 91.

I.F. - Rattus species of rodents in Karelia and its role in the foci of transmissible diseases. p. 100.

P.I., Troitskiy, G.A. - Use of the marten in the fur trade in Karelia. p. 97.

V.V., Lobkova, M.P. - Squirrel nutrition in the forest and significance of the food factor in its life. p. 100.

V.V. - Materials on the reproduction of the muskrat population. p. 109.

A. - Role of the duodenum in the regulation of the metabolism. p. 117.

S. - Effect of the closeness of populated areas on the abundance of the tick Ixodes ricinus L. in the forest pastures in southwest Karelia. p. 125.

Kh., T.K. - Some data on the biology and distribution of the tick Ixodes trianguliceps Dfr. in the forest pastures in Karelia. p. 125.

N.A. - Study of the gamasid mites (Gamasida, Parasitiformes) and the water vole (Arvicola leucurus L.) in Karelia. p. 130.

Y.S., TSarogorodskaya, S.O., Zakharova, E. - Effect of some components on the activity of coenzyme A-synthetase in the pigeon liver. p. 137.

M.N. - Some features of the transformation of glycine into glucose and glycogen in the liver. p. 137.

O.F. - Effect of crop rotation on the fertility of the soil. p. 141.

A.M., Litvinenko, G.T. - Effect of mulching on the thermal and nutritive balance of the soil in the forest. p. 147.

N.A., Koronovskaya, T.I. - Selection of early ripening potato varieties resistant to late blight in the conditions of the forest. p. 150.

T.A., Koronovskaya, T.I. - Susceptibility of potato to rust (ferrugineous spot) in different soil temperatures. p. 153.

N.A., L.V. - Growth, development, and accumulation of the harvest of several sorts of potatoes. p. 153.

S.N., Bulykha, N.P. - Methods of studying the resistance of potato varieties. p. 153.

M.A. - Effect of the planting thickness on the yield of early potatoes. p. 157.

N.A., L.L. - Selection of seedlings for the study of the resistance of potatoes to late blight. p. 172.

E.A. - Selectional evaluation of spring potatoes obtained by the injection method. p. 178.

I.I., Dolgov, M.M. - Evaluation of new varieties of winter wheat obtained by the injection method. p. 183.

M.P., Androva, T.I. - Effect of climate on the chemical composition of some legumes. p. 183.

K.S., Izorgina, M.M. - Possibility of the selection of the substrates during hydroponic vegetable growing. p. 194.

V.A. - Some data on the biology of hair grass in mixed and grass-dominant species in meadow communities. p. 197.

I.M. - Productive capacity of sorts of apples in the selection in the botanical garden of the Leningrad State University named after O.V. Kuksin. p. 202.

I.M. - Decumbent apple culture in Karelia. p. 202.

N.V., Afonina, V.V. - Seasonal variations of nutritive substances in Scotch pine needles and undrained bog. p. 208.

N.V., Kuznetsova, S.I.A. - Lignification of early shoots of Scotch pine on drained and undrained bogs. p. 212.

V.N. - Growth and development of birch and other plantings in southern Karelia. p. 215.

MORDOVSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [MORDVIN STATE UNIVERSITY. Studies]. No. 60, 1967. Seriya khimicheskikh nauk [Series in the Chemical Sciences], pt. 1.

Table of contents translated: M. I. L., Astaf'ova, E. I.A. - Interconversion of binary crystalline substances. p. 3.

medium. p. 42.

Rumiantsev, N. P., Rumiantseva, K. S., Lopatina, E. A. - Condensation of benzaldehyde and n-nitrobenzaldehyde with nitromethane in liquid ammonia. Report No. 2. p. 49.

Rumiantsev, K. S., Rumiantsev, M. P., Dorogatskaya, L. P. - Condensation of p-dimethylaminobenzaldehyde with nitromethane in liquid ammonia. Report No. 3. p. 54.

Harashova, G. S., Chornavina, M. V. - Study of plant raw material containing pectic enzymes. p. 57.

Mitveeva, L. N. - Activity of pectic enzymes of micelle. Penicillium chrysogenum. p. 64.

Rumiantsev, V. I., Ermakov, E. P., Goshkina, A. F. - Comparative efficiency of sodium hexametaphosphate and sodium tripolyphosphate in the purification process of streptomycin. p. 70.

Rumiantsev, V. I. - Possibility of the utilization of air discarding in the fermentation of antibiotics. p. 76.

SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIIA, 1955-1958. Informatsionnyi bul'eten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, no. 67, 1958.

Table of contents translated: Dubrovskiy, L. I. - Eleventh Soviet Antarctic Expedition. p. 5.

Artem'ev, A. N. - Activities of Vostok Station in 1958. p. 12.

Koplev, A. P. - Acronicleurological studies during the 11th Soviet Antarctic Expedition. p. 19.

Dubrovskiy, L. I. - Accumulation of snow on the section Mirnyy-105th kilometer. p. 24.

Petrov, V. N. - Snow accumulation on the profile Molodezhnaya Station-200th kilometer. p. 31.

Koplev, A. P. - Heat properties of snow and ice measured at Mirnyy. p. 35.

Zakharov, V. F. - Modern tendency in iceing of the Schirmacher Fjords. p. 41.

Dubrovskiy, L. I. - Tides in the bays of the Danger Hills. p. 47.

Koblenko, I. A. P. - Results of observations on ice drifts in Anashovoy Bight. p. 52.

Sudakov, V. D. - Geophysical studies at Mirnyy in 1959. p. 53.

Molev, B. S. - Magnetic activity and auroras during a protonic flash on the sun. p. 61.

Koblenko, I. A. P. - Topographic and hydrographic works in the Molodezhnaya Station region. p. 65.

Kanonev, V. M. - Ornithological observations in the Mirnyy region in 1959/60. p. 72.

Slonikova, L. G. - New scale (tick) Pelorosia oblongus nov. gen., nov. sp. (Acari: Oribatei) from Antarctica. p. 75.

Dalakov, L. L. - Sixtieth birthday of M. M. Somov. p. 77.

Shanin, V. A. - Thirtieth Soviet Antarctic Expedition. p. 80.

By radio from the Antarctic. p. 84.

V. K. - Expedition of Japanese polar team along the route Syowa Station-Molodezhnaya Station-Syowa Station. p. 90.

Bibliography. p. 97.

No. 68, 1968. Table of contents translated: Senko, P. K. - Seasonal activities of the 12th Soviet Antarctic Expedition. p. 5.

Ravich, M. G., Solov'ov, D. S., Kanonev, E. N. - Geological studies in the eastern part of Queen Maud Land. p. 14.

Bardin, V. I., Ravich, M. G. - Petrographic composition of moraine sediments in the eastern part of Queen Maud Land. p. 28.

Znachko-Iarovskiy, G. A. - Marine geological research along the Australian-Antarctica section. p. 38.

Eskin, L. I. - Ice conditions in the Molodezhnaya Station region in December 1959. p. 40.

Grigor'ev, I. A. - Circulation of surface waters in Prydz Bay. p. 44.

Eskin, L. I. - Is there any water exchange between the Davis Sea and Prydz Bay? p. 49.

Kogan, A. L. - Preliminary data on seismic works during the intercontinental field trip. p. 53.

Zakharov, V. F. - Field trip from the Novolazarevskaya Station to Wegener Plateau. p. 57.

Medvedev, I. P. - Observations on seals during the 12th voyage of the diesel-electric ship "Obi". p. 64.

Medvedev, L. P. - Observations on cetaceous mammals during the 12th voyage of the diesel-electric ship "Obi". p. 67.

By radio from the Antarctic. p. 71.

Senko, P. - Autumn light deep in Antarctica. p. 77.

Bibliography. p. 82.

Complexometric determination of bismuth by means of the indicator of N-methylanthranilic acid. [α'-azo-2]-1 naphthol-5-sulfonic acid (MAAH-S). p. 15.

Dzhilabova, R. Kh., and others. - Complexometric determination of trivalent thallium with the use of N-methylanthranilic acid. [α'-azo-2]-1 naphthol-5-sulfonic acid as metal indicator. p. 22.

Tal'pov, Sh. T., Krukovskaya, E. L. - Complexometric titration of rare earth elements with N-methylanthranilic acid-paracetamol as an indicator. p. 26.

Dzhilabova, R. Kh., Tal'pov, Sh. T., Turakhanova, N. T. - Photometric determination of bismuth by means of N-methylanthranilic acid-β-naphthol. p. 36.

Chaprasova, L. V., Tal'pov, Sh. T., Dzhilabova, R. Kh. - N-methylanthranilic acid-α'-azo-β-naphthol as a reagent for photometric determination of cobalt. p. 42.

Amirkhanova, T. B., Podgornova, V. S. - Direct complexometric titration of bismuth in the presence of N-methylanthranilic acid-α'-azo-β-naphthol as an indicator. p. 48.

Usupov, M., Dzhilabova, R. Kh., Tal'pov, Sh. T. - The new azo dye N-methylanthranilic acid-β-hydroxyquinoline. p. 56.

Usupov, M., Dzhilabova, R. Kh., Tal'pov, Sh. T. - Study of the complexing of trivalent thallium with N-methylanthranilic acid-β-hydroxyquinoline. p. 61.

Dzhilabova, R. Kh., Abdurakhmanov, M., Tal'pov, Sh. T. - Extraction photometric determination of zirconium. p. 70.

Chaprasova, L. V., Tal'pov, Sh. T., Dzhilabova, R. Kh. - Extraction photometric determination of palladium by means of N-methylanthranilic acid-α'-azo-β-naphthol. p. 76.

Tal'pov, Sh. T., Gor'kova, G. I., Dzhilabova, R. Kh. - Photocolorimetric determination of molybdenum in the form of complex compound molybdenum-pyrocatechol-papaverine. p. 83.

Maksimovskaya, Z. T., Mukhomedshina, V. A. - Study of the systems RbNO₃ - HClO₄ - H₂O and RbNO₃ - HClO₄ - water-ethanol mixture. p. 87.

Krukovskaya, E. L., Tal'pov, Sh. T. - Study of the reaction in the system CeCl₃ - Na₂HPO₄ - H₂O. p. 93.

Krukovskaya, E. L., Tal'pov, Sh. T., Maksimovskaya, Z. T. - Solubility of cerium phosphate in HNO₃ and H₂SO₄. p. 98.

Usmanov, Kh. U., Tiliyev, I. S., Khamitov, T. - Radiation grafting of vinyl acetate to butyl rubber. p. 102.

Usmanov, Kh. U., and others. - Modification of polyvinyl chloride with synthetic rubber SNK-40. p. 107.

Tashmukhamedov, S. A., and others. - Study of the viscosity of a solution of chlorinated polyvinyl chloride graft copolymers with some vinyl monomers obtained by radiation method. p. 112.

Usmanov, Kh. U., and others. - Synthesis of vinyl fluoride. p. 117.

Usmanov, Kh. U., Tiliyev, I. S., Usmanov, M. K. - Radiation grafting of vinyl chloride to SKN-40. p. 123.

Minaev, U. N., Tiliyev, I. S., Usmanov, Kh. U. - Study of swelling of graft copolymers in different liquids. p. 127.

Usmanov, Kh. U., and others. - Laboratory equipment for the preparation of ozone with a transistor interrupter. p. 131.

Usmanov, Kh. U., and others. - Study of mercuration and inclusion of hydro cellulose. p. 133.

No. 315, 1967. From the history of the struggle of the Communist Party of Uzbekistan in the development of cotton growing.

Table of contents translated: Khamitkhodzhaev, A. - A short review of the state of cotton growing in pre-revolutionary Turkestan and the Soviet regime's first steps for its restoration. p. 5.

Khamit, V. P., Sen'kin, I. M. - Some problems in the activity of the Communist Party of Turkestan for the restoration of cotton growing. p. 10.

Khamit, A. I. - Struggle of the Communist Party of Turkestan towards the revival of cotton growing in the Republic from 1921 to 1928. p. 17.

Matekevich, B. N., Matekevich, T. P. - Participation of the textile workers' trade unions in the party's struggle for the revival of cotton growing in the Republic, 1921-1928. p. 20.

- Mamedov, I. M. - From the history of the work of the Communist Party of Uzbekistan in the renewal and development of cotton growing, 1928-1929. p. 38.
- Pak, D. N. - The Communist Party of Uzbekistan in the struggle for expansion of cotton growing during the second five-year period, 1932-1937. p. 53.
- Abdrazzov, Dzh. - The Communist Party of Uzbekistan as the organizer of socialist competition between cotton growers from 1938 to 1941. p. 65.
- Kalymbetov, Zh. - Activity of the Communist Party of Uzbekistan in securing cotton for the country during the Great Patriotic War. p. 82.
- Mirzaev, K. - Work of the Communist Party of Uzbekistan in strengthening the material and technical basis of cotton-growing collective farms during the fifth five-year plan period; from the example of Kashka-Darynskaya Province. p. 97.
- Saidov, Kh. - Measures of the Communist Party of Uzbekistan in the domain of cotton growing, 1956 to 1959. p. 104.
- Gittin, S. I. - From the history of activity of the Communist Party of Uzbekistan in the field of cotton growing, 1959 to 1966. p. 115.
- Frazarov, K. M. - Contribution by the party organizations in machine-building enterprises of Uzbekistan in the all-round mechanization of cotton growing, 1959 to 1965. p. 127.
- Sultanov, F. - The party organizations' work in Uzbekistan for improving propaganda lectures among cotton growers during the seven-year plan period. p. 139.
- Dragimov, I. U. - From the history of the struggle of the Communist Party of Uzbekistan in developing irrigational and ameliorative construction as a determining factor in the progress of cotton growing. p. 146.
- No. 326, 1967. Materials on the problematic laboratory of sedimentary formations and ores. Geochemistry and lithology of Central Asia. Third Scientific Session, 1966.
- Table of contents translated:
- Fokin, A. M. - Modern processes of mountain slopes in the light of Tashkent sedimentologists. p. 5.
- Poslavskaya, O. I. U., Shapurov, Kh. Sh. - Some criteria for the correlation of erosion and mountain glaciation. p. 11.
- Davlatov, Sh. D. - Some features of the tectonic development of western Uzbekistan in the Jurassic and Cretaceous. p. 15.
- Popov, V. I., Telenkov, A. S., Pleshchenko, I. V. - Continuously interrupted ago creeping of the Urals of dislocated Cenozoic Molasses in the Fergana Depression. p. 21.
- Corlanin, A. B., Korakov, F. P. - Practice in the evaluation of some quantitative parameters of the Cenozoic accumulation of Molasses in the Fergana Depression and their recent tectonic interpretation. p. 25.
- Murti Dukka, A. N., Pipov, V. I., Korakov, F. P. - Comparative characteristics of Siwalik and Central Asian Cenozoic Molasse formations. p. 33.
- Pleshchenko, I. V., and others. - Rhythmostratigraphic division of Cenozoic Molasses of the Chustpayskaya antiform. p. 58.
- Murti Dukka, A. N. - Facies-petrographic characteristics of Cenozoic Molasses of the upper Chirchik Valley; as revealed by a study of the Kyzyl-Su. p. 64.
- Pleshchenko, I. V., and others. - Facies-lithological characteristics of Cenozoic Molasses of the Chustpayskaya antiform. p. 74.
- Makarova, S. D. - Dynamic facies of Cretaceous formations of Fergana. p. 84.
- Risman, B. I. - Facies characteristics of continental pelitic sediments of the Mesozoic of Fergana. p. 94.
- Zakirov, M. Z. - Coefficient of the dispersibility of clays as an indicator of the dynamism of a basin. p. 103.
- Braginiov, I. M. - Facies-lithological characteristics of Rhaetian-Jurassic sediments of the Minkush-Kokomoran Trough. p. 110.
- Khomich, V. G., Cheglokov, S. V. - Possibility of using complex rhythmostratigraphic studies of Upper Mesozoic sediments in the Baley region (eastern Transbaikalia). p. 114.
- Sedykh, A. M. - Lithology and uranium placers of Molasse suites of Turkmenia. p. 123.
- Makarova, S. D., and others. - Montmorillonite from Cretaceous and Cenozoic continental formations of the Fergana Depression. p. 132.
- Konov, L. P. - Late-ter weathering surface on Paleozoic rocks of the Gissar Range. p. 137.
- Turdukulov, A. T. - Authigenic minerals in Tertiary Molasses of the Tien Shan. p. 145.
- Vertunov, L. N., Malysheva, Zh. M. - Geochemical characteristics of Cenozoic Molasses of the Issyk-Kul Depression (northern Tien Shan). p. 146.
- Malysheva, Zh. M. - Some geochemical characteristics of Cenozoic Molasses of the Eastern Chu Depression. p. 147.
- Kopaev, V. A., Futhullayev, G. - Phosphorite potential of the Paleozoic of Central Asia. p. 149.

- Rumazov, I. V. - Pliocene-Quaternary continental salt accumulation in the desert regions of Uzbekistan. p. 154.
- Popov, V. S., Portenava, V. A., Riddashov, F. L. - Prospects for finding potassium in halogen formations of Central Asia. p. 158.
- Popov, V. S. - Prospects of halogen formations of Central Asia. p. 164.
- Keneasarin, N. A., Kozalev, V. S., Tettekhin, G. F. - Using the paleogeographical method for the reconstruction of paleohydrogeological conditions. p. 167.
- Kavikovich, Kh. A. - Relationship between the composition of formation waters and oil-gas complex. p. 172.
- Gol'dstein, R. I. - Hydrogeological and hydrogeochemical conditions in central and southern Tien Shan and their role in the migration of some elements with variable valence. p. 182.
- Kapustatskii, I. D. - Some characteristics of the distribution of molybdenum in Cretaceous formations of the southwestern Kyzylkum and Zhetysay-Zhetysay Mountains. p. 191.
- Godina, M. Z. - Epigenetic zonation in carbonate rocks of Paleogene sediments of southwestern Fergana. p. 202.
- Aliev, M. A. - Authigenic minerals, subsurface diagenesis, and starting metamorphism of Jurassic terrigenous formations of the southern slope of the Gissar Range. p. 208.
- Shumitskii, V. A., Goronova, A. M. - Some features of the hydrothermal redistribution of chemical elements in microquartzites of ore-bearing carbonaceous formation. p. 215.
- Baskakov, M. P. - Variations, crystallographic forms, and temporary elements of celestine. p. 227.
- Badalov, S. T. - One of the geochemical criteria of sedimentary-metamorphic deposits. p. 232.

b. POPULAR MAGAZINES

- DARVINOK [PERIVINKLE]. Issued by Tsentral'nyi komitet Lenin'skogo komunisticheskogo soyuza molodi Ukrainy and Respublikanskii rada Vsesoyuznykh pionerskoi organizatsii Inent V. I. Lenin [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 8, Aug. 1963.
- KHOPUSHTAK [HEDGEHOG]. Dusharbo, nos. 13-14 (357-358), July 1968.
- KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, nos. 6-7, 1968.
- KUDA [CUBA]. Havana and Moscow, Sep. 1968, Aug. 1968.
- KULTURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soюз sovetskikh obshchestv družby i kul'tural'nykh svyazey s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 12, no. 9, 1968.
- LYSTY DO PRIYATELY. LETTERS TO FRIENDS. Newark, N. J., vol. 15, nos. 10, 11, 12, 1967.
- NADENET ZHANE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, nos. 7-8 (121-122), July-Aug. 1968. [In Kazakh].
- MURZILKA. Issued by Tsentral'nyi komitet Vsesoyuznogo Lenin'skogo komunisticheskogo soyuza molodezhi i Tsentral'nyi sovet Vsesoyuznoi pionerskoi organizatsii Inent V. I. Lenin [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 8, Aug. 1968.
- OGONEK [THE LITTLE LIGHT]. Moscow, vol. 46, no. 38 (246), Aug. 1968.
- PERETS' [PEPPER]. Issued by Vydavatel'stvo [Publishing House] "Radnits'ka Ukraina." Kiev, vol. 42, no. 15 (733), Aug. 1968.
- RADOCHÉ-KREST'YANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, nos. 8-9, Aug.-Sep. 1968.
- RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 18, nos. 6-8 (182-184), June-Aug. 1968.
- RODINA [OUR COUNTRY]. Issued by Komitet za vzrashchivanie na Rodinu i razvitiu kul'turnykh svyazey s sootchestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol. 10, no. 3, May-June 1968.
- RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol. 15, nos. 173-174, Aug.-Sep. 1968.
- ROVESNIK [CONTEMPORARY]. Issued by TsK LKSM and Komitet nachdelnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U. S. S. R.]. Moscow, vol. 6, nos. 6-7 (72-73), June-July 1968.
- SIMEL' [DUMBLEBREE]. Alma-Ata, vol. 13, no. 7 (153), July 1968.
- SKYNTIA LENINISTE [LENINIST SPARK]. Issued by Moldavskii komunisticheskiy Youth League of Lenin. Kishinev, vol. 38, nos. 5-7, 1968. [In Moldavian].
- SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 17, nos. 202-204, July-Sep. 1968.
- SOTSIALISTICHESKA KULTURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury NBSR [Ministry of Culture of the Ukrainian S. S. R.]. Kiev, nos. 7-8, July-Aug. 1968.
- SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 6 (213), 1968.
- SOVREMENNAYA MONGOLIYA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 13, no. 7 (120), July 1968.
- SVOBODNOE SLOVO; ezheмесячный kalendar' i saskazhnik [FREE WORD; Calendar-Bazaar Monthly]. Moscow, vol. 10, nos. 1-2 (103-105), Jan.-Feb., nos. 7 (115-116), July-Aug. 1968.
- TOURIST [TOURIST]. Issued by VTSFS [All-Union Central Council of Trade Unions]. Moscow, vol. 3, nos. 7-8, 1968.
- UKRAINA [THE UKRAINE]. Published by Vydavatel'stvo "Radnits'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 20, nos. 27-28 (560-561) July, nos. 31-32 (603-607), Aug.-Sep. 1968.
- URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe obshchestvo Soyuza plavilov i Sverdlovskiy promyshlennyy i selskiy obkomy VIKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 11, nos. 0-9, 1968.
- UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 27, nos. 1-7 (317-318), May-July 1968.
- VIETNAM [VIETNAM]. Hanoi, Vietnam, no. 6 (128), 1968.
- VOПРОсы I OTVETы [QUESTIONS AND ANSWERS]. Moscow, vol. 18, no. 0 (100), June 1967.
- VOZHATYI [MONKIE CHILD]. Published by Tsentral'nyi komitet Vsesoyuznogo Lenin'skogo komunisticheskogo soyuza molodezhi i Tsentral'nyi sovet Vsesoyuznoi pionerskoi organizatsii Inent V. I. Lenin [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 45, nos. 7-8, 1968.
- VOZYNYK [HEDGEHOG]. Minsk, vol. 28, nos. 10-11 (563-564), May-July 1968.
- VSESVIT. THE WORLD. Issued by Spilka pyshchennykh Ukrainy and Ukrain'ska tovarystvo družby i kul'turnykh svyazey s zarubezhnyimi krajinami [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 11, nos. 6 (123), 8 (125), June, Aug. 1968.
- VYZVOL'NYI SHLIKH [LIBERATION PATH]. London, vol. 21, nos. 5-6 (242-243), May-June, 1968.
- ZHIZN' GLUKINKH [LIFE OF THE DEAF]. Issued by Vsesoyuzskoe obshchestvo glukikh [All-Russian Society of the Deaf]. Moscow, vol. 21, nos. 5-9, Aug.-Sep. 1968.
- ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Vsesoyuzskoe obshchestvo slypykh [All-Russian Society of the Blind]. Moscow, vol. 45, nos. 7-8, July-Aug. 1968.

5. SOCIAL SCIENCES

a. COMMERCE

KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHISTAN]. Issued by: Soiz potrebiteľ'skikh i shchit'sevy Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. 11, no. 1, July 1968.

NOVYE TOVARY, Informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, no. 7, 1968.

SOVETSKAYA POTREBITEL'SKAYA KOOPERATSIYA [SOVIET CONSUMER COOPERATION]. Issued by: Tsentral'nyi soiz potrebiteľ'skikh i shchit'sevy SSSR [Central Union of Consumer Societies of the U.S.S.R.]. Moscow, vol. 12, no. 2, Feb. 1968.

Table of contents translated:
Editorial: United with and true to the people. p. 2.
Maslennik, K. - Everything for the frontier and the victory. p. 6.
Goals of the initiators of the competition. p. 6.
Cooperative meeting. p. 11.
Dulov, S. - The commodity expert. p. 15.
Makorenko, V. - Relying on the best achievements. p. 18.
Zavoronkov, A. - Shortage of refrigerating facilities. p. 22.
Zarkov, S. - Standard-bearers. p. 25.
Shashurin, N. - Enterprise of the purchasing agents. p. 30.
Chanturila, L. - Eight million books were sold. p. 32.
Bur'lanova, V. - Control and help. p. 35.
Nabakov, I. U., Zait'sberg, L. - Searching for the potentialities. p. 36.
Morozov, M. - The "Kooperator" invites. p. 38.
Brikskii, E. - For the table of a city dweller. p. 39.
Pekapov, S., Chinar'yan, A. - Exhibition of fur-bearing animals. p. 40.
Kopelov, G. - Nimble fingers. p. 42.
Vindik, K. - Along mountainous paths. p. 43.
Beyond the 60th parallel. p. 46.
Korennoi, I. U., Rila, O. - Trade discounts and the profitability of public dining rooms. p. 50.
Gavronskaya, K. - Control over the use of containers. p. 51.
Khvedelov, B. - In the struggle with monopolies. p. 53.
Ivanov, St. - The October Revolution and Bulgarian cooperatives. p. 58.
Perlov, M. - Interior decoration and grocery. p. 62.
Gul'neva, K., Beklemishcheva, L. - Shoe cars. p. 63.

Vol. 12, no. 3, Mar. 1968.

Table of contents translated:
Editorial: Important work of the young people. p. 2.
Kuchuk, V. - In the forest without... a hatchet. p. 7.
Krasin, A. - Not only the quantity. p. 8.
Zarkov, S. - Demands of the time. p. 11.
Put the art of trade in the foreground. p. 14.
Dmitriev, N. - Plan with faults. p. 16.
Utesov, Leonid. - I am for a smile. p. 18.
Zharov, Aleksandr. - Study, study, and study! p. 18.
Gonova, P. - In the unified formation. p. 20.
Zhiyvetina, I. - Lights of the young people's cafes. p. 22.
Gallitskaya, G. - Preholiday fairs. p. 24.
Rechester, M. - Potentialities of transport. p. 26.
Fister, E. - Youth improve their knowledge of economics. p. 28.
Balashov, A. - The new procedure for providing material incentives in operation. p. 37.
Shalavova, A. - Main task of trade union organizations. p. 42.
Prytkov, A. - Improve the level of legal work. p. 48.
Kuznetsov, B. - In defense of the interests of the peasant masses. p. 50.
Razmakhin, V. - Develop deer raising for antlers. p. 54.
Zavoronkov, A. - The simplest refrigerating installations. p. 56.
Okunova, N. - Voice of fashion. p. 59.
Akhabadze, A. - How to care for the face skin. p. 60.

SOVETSKAYA TORGOVIA [SOVIET COMMERCE].

Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po torgovle [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 41, no. 5, May 1968.

Table of contents translated:
Sakov, M. - Eternally vital, victorious Marxism. p. 2.
Nazarov, R. - Dairy products should meet the demand. p. 8.
Ambarlsumov, A. - Village industry: significance and prospects. p. 14.
Arakelian, M. - Operate transport more efficiently. p. 16.
Golman, G. - The reform and the profitability. p. 20.

Vasenin, N. - Material incentives in retail. p. 25.
Khundakov, I. A. - Organization is the main thing. p. 20.
Mirkin, Z. - May Day celebration by the salespeople. First day of the workers' press. p. 34.

Ezra, G. - There is need for applied sociological studies. p. 38.
Methodological recommendations on the development and introduction of plans for scientific organization of labor: a sequel. p. 41.
Usatuk, M. - Methods of fermenting cabbage. p. 46.
Khafiziev, Kh. - Use milk resources correctly. p. 42.
Megretskii, Sh. - Give more attention to the enrollment in trade schools. p. 54.
Radonov, M. - Scientific organization of labor laboratories need guidance. p. 55.
Minazova, N. - Results of the All-Union competition. p. 56.
Gur'evich, L. - How we train salespeople-student trainers. p. 60.

ZAKUPKI SEL'SKOKHOZIAISTVENNYKH PRODUKTOV [PURCHASES OF AGRICULTURAL PRODUCTS]. Issued by Gosobrazovnyy komitet zagolovok Soveta Ministrov SSSR [State Committee of Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, no. 12, Dec. 1967.

Table of contents translated:
There is something to remember the anniversary year by! p. 1.
Sobchuk, A. - For further improvement of state deliveries. p. 3.
Skaklov, K. - Toward new glorious achievements. p. 4.
Awarding of challenge Red Banners to the winners of the competition. p. 6.
Platonov, A. - From requisitioning grain by force to contractual agreement. p. 6.
Khrupov, G. - Our growth. p. 10.
Surov, N. - Far from all potentialities have been exhausted. p. 12.
Stepanov, A. - Some problems of procuring milk and meat. p. 15.
Zavrazhnykh, A. - Strengthen business accounting in consumer's cooperative procurement. p. 18.
Koshchev, V. - Price, procurement, and profitability. p. 21.
Rostovskiy, N. - Raising animals for meat and meat procurement. p. 24.
Rohla, H. - Improving the quality of procured meat in Estonia. p. 27.
Rastegayev, Yu. - Use of syncretism in the fattening of bull calves. p. 32.
Elin, V. - Buying in order to sell. p. 34.
Khmelov, A. - The all-Union standard for the procured milk. p. 36.
Burenin, P. - Information cards. p. 38.
Kargin, I. - In united effort. p. 41.
Shutov, P. - For farmers of the Far North. p. 42.
Koscheko, I. - Obstacles which can be removed. p. 44.
Makarov, F., Amirov, M. - Improve the quality of raw tobacco. p. 44.
Gusev, S. - How to protect potatoes from premature sprouting. p. 52.

No. 1, Jan. 1968.

Table of contents translated:
Under the banner of competition. p. 1.
Lidavskii, A. - Improve the quality of procured milk. p. 5.
Litva, H. - Estonian bacon. p. 8.
Zdorovitsov, A. - Price is a powerful economic lever. p. 10.
Tsyganov, A. - Proved by life. p. 11.
Ivanov, A. - Develop the mixed feed industry, and improve the quality of mixed feeds. p. 12.
Procurement of furs by the cooperatives of White Russia. p. 16.
Mukhanov, P. - Is it always profitable to store potatoes in containers? p. 18.
Blank, G. - Role of the Soviet consumer's cooperative in developing the procurement of agricultural products and raw materials. p. 22.
Donets, M. - Preservation of eggs has improved. p. 25.
Oleinik, V. - High profit and excellent quality. p. 26.
Khudov, K. - A new standard for the undressed nutria pelts. p. 29.
Anikin, I. - Obstacles on the tracks. p. 31.
Ostapchenko, V. - Unused possibilities. p. 32.
Nerovnyi, P. - Story about early cabbage. p. 33.
Dibrov, S. - Improve the quality of golden fleeco. p. 34.
Gur'ev, V. - Contract should be mutual. p. 34.
Salikhov, F. - Quality of the grain of the hard variety of wheat. p. 35.
Kul'chitskaya, E. - Receiving laboratory with sampling platform. p. 37.
Semkin, S. - Prospectors for "soft gold." p. 38.
Strel'tsov, N. - Communist labor section. p. 40.
Kolosov, N. - New conditions in paying for hard, strong, and more valuable varieties of wheat. p. 41.

Georgiev, V. - Taking care of man. p. 45.
Pyshkin, V., Kravchenko, S. - Temporary grain storage. p. 46.

No. 3, Mar. 1968.

Table of contents translated:
Give unrelenting attention to culture and everyday life. p. 1.
Fulfill the five-year plan ahead of schedule! p. 3.
Khvorov, E., Cherkasovskii, C. - Grain elevators types of S.S.R. p. 6.
Chuk, A. - Some indications from the experience in grain procurement last year. p. 8.
Eronenko, V. - Dynamic effect of auto delivery prices on the economy of collective farms. p. 13.
Tovustan, V. - The Kzyl-Orin seasons. p. 12.
Gavrilov, S. - The "Shkolokhorm." Its work and concerns. p. 14.
Maslennikov, V. - Gifts for the workers' table from the Yakhtoma floodplain. p. 17.
Arslanov, N. - Efficiency of the production and procurement of agricultural products in Kazakhstan. p. 19.
Mal'tsev, I. - Regularize the marketing of canned fruit and vegetables produced on collective and state farms. p. 21.
Klimakova, R. - Provide incentives for the production and procurement of high quality potatoes. p. 23.
Andruskiy, V., Zima, R. - Analysis of carrying out the plan for the procurement of agricultural products and raw materials by a regional union of consumer societies. p. 24.
Kosel'shchikov, I. A. - Food in the multi-family production of a collective farm. p. 20.
Maslennikov, V. - Requirements toward the technological properties of grain for state deliveries. p. 30.
Khrushchikov, A. - Laboratories on collective and state farms. p. 32.
Starikov, A. - The capacity of mixed feed enterprises of the All-Union growing. p. 33.
Shamshinskii, V. - Quality of mixed feeds manufactured in the Ukraine. p. 34.
A new type of precast concrete silo. p. 37.
Ivanov, R. - Changes which must be made. p. 38.
Gul'nov, I. - Rail time hinders the procurement of squirrel. p. 39.
Karl'son'skii, A. - How to prevent defects in the Kazakh pelts. p. 42.
Nikulin, V. - The High Order of the Order of the Red Banner.... p. 48.

No. 4, Apr. 1968.

Table of contents translated:
We shall be fully prepared to harvest the grain of its new harvest! p. 1.
Ukshin, A., Solov'ev, I. - Provide dependable guarantees for the grain of Kazakhstan. p. 2.
Winners in the all-Union socialist competition. p. 4.
Fulfillment of contractual agreements is a guarantee of success. p. 6.
Pavlov, T. - Special features in shifting grain product and combined food industry enterprises to the new system of planning and economic incentives. p. 10.
Kuritsyn, N. - Objective evaluation of the quality of swine. p. 12.
Dukhov, Evg. - Labor exploit of Kalinin River stations. p. 16.
Saprunov, V. - Krasnodarmoyakly Cereals Combine is the starting point of the route. p. 16.
Volodina, R. - Income for the collective farms and high quality meat for the state. p. 18.
Porekalin, S. - Behind the counter of the collective farm market. p. 20.
Dykanov, A. - Is it possible to improve the supply of milk for Kuznetsov? p. 22.
Lisuchenko, O. - The procurement agent of the "Gosshikha" Collective Farm. p. 24.
Dulopov, O. - Organization and the potentialities of improving the economic efficiency of egg procurement. p. 27.
Barmine, A., Lyank, N. - Procurement and processing of certified goods in the Ukraine. p. 31.
Mikhajlov, A. - Vegetable storage is an industrial enterprise. p. 34.
Mal'kov, P., Polukhin, S. - Unjustified losses. p. 35.
Prokhorov, B. - A new payment procedure for mixed foods. p. 37.
Makhmarov, Kh. - More about quality. p. 40.
Prostoserdov, A. - Experimental construction of granaries. p. 43.
Bocharnikov, V. - Concerns and joys. p. 45.
Romanov, E. - Soybeans are an important source of albumin for mixed foods. p. 47.
Marshak, M. - Salt. p. 48.

b. ECONOMICS

EKONOMIKA I MATEMATICHESKIE METODY [ECONOMICS AND MATHEMATICAL METHODS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 3, May-June 1968.

Table of contents translated:
Mikhailovskii, D. N., Solov'ev, I. P. - Practice in determining long-range average demand for basic

- calculations for 1975 using ferrous
urgy as an example. p.35.
E.G., Kormer, V.F. - Optimal control in a
ector model. p.335.
F.F. - Purchasing power and the whole-
ers of an enterprise. p.342.
M.M., Solodov, I.U. - Method of coordi-
branch and regional plans. p.353.
I.L., Levin, A.I., Iarkin, A.P. - Some
ms of the optimal functioning of trade. p.364.
G.L., Davidovich, G.Z. - Linear models
uplization of foreign trade turnover. p.373.
A.I. - Optimization of the control system
large project with a hierarchical structure.
A.B. - On the problem of planning for time
info. p.401.
I.A. - Two extremum problems of network
rg. p.407.
O.V. - Successive exchanges in a problem of
programming. p.422.
skit, S.I., Poluk, R.A., Primak, M.E. -
lase of concave programming problems.
I.I.A., Rappoport, M.G. - Performing
nel operations on tabulators. p.444.
I.I., Vikhman, M.L., Smirnov, A.N. -
ating and smoothing oil passenger flow during
ng rush hours. p.453.
I.U. - Structure of the computer system
eshoring in an enterprise. p.457.
E.G., Nelman, M.S. - Use of regression
is in determining the dynamics of material
itures by the individual stages of the erection
estrial buildings. p.463.
F.F., Smirnov, A.D. - The Fourth Inter-
al Conference on the "Input-Output" Method.
RADIAN'S'KOI UKHANY [ECONOMICS OF
IET UKRAINE]. Issued by Instytut ekonomiky
nank USSR [Institute of Economics of the
of Sciences of the Ukrainian S.S.R.]. Kiev,
p.2, Feb. 1968.
e of contents translated:
I. - Improve national economic plan-
p.1.
II. - Economic work in an enterprise.
s', V., Dogahtilov, V. - Increase the pro-
of synthetic resins and plastics to satisfy
manul. p.16.
M. - The experiment and some problems of
form in construction. p.18.
L. - Establishing work norms and material
ives in enterprises. p.26.
M. - On some deficiencies in issuing
s in accordance with results of the year.
B., Rieznikov, V., Novellor, O. - Regu-
the system of planning and economic infor-
i. p.34.
ev, P., Riezhav, B. - Land cadastre and
onomic evaluation of agricultural land.
Brakin, V. - Reconditioning of equipment
e yield of capital. p.40.
I. - Criteria and indices of the efficient
capital assets. p.64.
V. - Organization of the maintenance of
ment and repair workers' labor productivity.
I. M., Chornenko, II. - Important polon-
for improving the efficiency of production.
V. - Scientific organization of labor is a
and economic problem. p.68.
I.U. - Scientific organization of labor and
al training. p.75.
nk, M. - Use of commodity and monetary
ons and the law of value in the building of
nism. p.70.
ko, M., Ivanukh, II. - In the Coordinating
il on Problems of Economics of the Academy
nces of the Ukrainian S.S.R. p.93.
B. - Academic conference on the use of
oductive capacity of the Ukrainian Carpa-
p.94.
A., Doshovych, N. - Recommendations of
hool of economics in Vol'nogorsk. p.95.
3, May 1968.
e of contents translated:
I. - Triumph of Marxist-Leninist ideas.
II. - K. Marx and problems of the theory
modity production under conditions of
ism. p.5.
V. - Methodological principles of delarmining
ture of international division of labor in
x's work. p.13.
S. - Economic theories of K. Marx in a
ing mirror of the ideologists of anticommu-
p.20.
te'ka, O. - The law of socialist accumulation.
Chukhno, A. - Regularities of the distribution of
material wealth in socialist society. p.33.
Tsomala, B. - Material balances of the Ukrainian
S.S.R. p.42.
Levtrynskiy, T., Mantsurov, II. - Some problems
of the formation and use of the economic incentive
funds. p.44.
Lebedynskiy, I.U. - Improving the management of
the process of specialization of production.
p.50.
Klesanova, N. - Problems of the knit goods industry.
p.54.
The production base of consumer goods is growing:
an interview with the minister. p.59.
Babichenko, D. - To a higher level through combines.
p.62.
Solchenko, Z. - Organization and means for improving
the work in the scientific organization of labor.
p.68.
Stepanchenko, L. - Distribution of the social product on
collective farms. p.74.
Hnashenko, K. - Economic evaluation of points produc-
tion. p.80.
Mushtruk, A., Viter, I. - Livestock farming can and
must be highly profitable. p.83.
From the editor's mail. p.87.
EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE
SOVIET UKRAINE]. Issued by Gosplan Sovetskoi Mins-
trov Ukrainoi SSR and Institut ekonomiki Akademii
nauk USSR [State Planning Commission of the Council
of Ministers of the Ukrainian S.S.R. and the Institute
of Economics of the Academy of Sciences of the
Ukrainian S.S.R.]. Kiev, vol.10, no.5, May 1968.
EKONOMIKA STROITEL'STVA [ECONOMICS OF CON-
STRUCTION]. Issued by Gosudarstvennyi komitet
Sovetskoi Ministrov SSSR po delam stroitel'stva [State
Committee of the Council of Ministers of the
U.S.S.R. for Construction]. Moscow, vol.10, no.8,
June 1968.
Table of contents translated:
His name and cause will outlast the centuries.
p.3.
Gaiduk, A. - Building sites operate on the five-day
workweek schedule. p.6.
Pantlov, P. - Scientific organization of labor and the
economics of building production. p.13.
Pavlov, S., Onufriev, L., Rebertovich, I. - In the
Gymnasial'skiy Trust named after the 60th
Anniversary of the Great October Revolution.
p.20.
Gol'dol'd, I., Rabinovich, II. - On the construction
sites of the Glavkuzbassstroil. p.24.
Qurail, M. and others - What is new in making
up complete sets of equipment and supplies needed
in construction. p.27.
Ditzon, E. - With a thought about tomorrow. p.31.
Amelikhovskii, M. - Generalizing the progressive
practice. p.35.
Kuzmichev, V. - The searching and the results.
p.40.
Metrakho, II. - Practice in legal claims work. p.42.
Chuvashov, V. - The laboratory recommends. p.44.
Galdanski, I. - What the analysis showed. p.46.
Komarov, D., Khavich, E. - Reduce the cost of
construction of rural electric power networks.
p.48.
Denisov, V., Borchinn, R. - Territory and the
concentration of means. p.52.
Qurav, I.U., Karavayev, V. - Inconities, indices, and
norms. p.56.
Skisha, A. - This is how small enterprises multiply.
p.63.
EKONOMIKA I ZHIZN' [ECONOMICS AND LIFE]. Is-
sued by Gosudarstvennaya planovaya komissiya i
Sovet narodnogo khozaystva Uzbekskoi SSR [State
Planning Commission and the Economic Council of the
Uzbek S.S.R.]. Tashkent, vol.10, no.3, Mar. 1968.
Table of contents translated:
Editorial: We are overcoming the lag in capital con-
struction. p.3.
Falaletov, P.F. - All our efforts are directed toward
that end. p.8.
Volsunskiy, V., Mikhailov, A. - Troubles of a plant.
p.12.
Rogachov, V. - Tashkent needs a stoneworking firm.
p.14.
Khodzhaov, Z. - What is more profitable? p.17.
Kurabrov, V. - The situation has not changed. p.19.
Kokhanenko, M. - Better, faster and cheaper. p.23.
Savchenko, P. - Potentialities of the coal industry.
p.28.
Isatanov, S. - The experience shows. p.32.
Kas'kov, I. - The fall and the upsurge. p.34.
Kuzhenko, D. - On the path of search. p.39.
Khamraeva, N. - The dress was beautiful, but...
p.42.
In the State Planning Commission of the Uzbek S.S.R.
p.43.
Fofanov, B. - Efficiency of industrial production.
p.44.
Isatomir, M. - Unused possibilities. p.52.
Nikolau, O. - There is need for cotton growing agro-
industrial combines. p.65.
Artykov, M. - Such rates have never been known in
history. p.69.
Skvortsev, I. - Broad step. p.63.
Urazaev, R. - The world is looking at us. p.66.
Karimov, Sh., Grubennikova, V. - Electronic compu-
ters plan for transportation. p.70.
Ianyshch, Sh. - Staffites, people, machines. p.73.
TSkanov, K. - 50 centners from a hectare. p.76.
Abduganitsv, A. - The important condition of success
p.79.
Dziurabaev, A. - Quantity and quality. p.83.
Zhiella, E. - The propeller should propel. p.84.
Khasanichanova, M. - Method of studying demand.
p.88.
Vol.10, no.4, Apr. 1968.
Table of contents translated:
Editorial: Following the testament of Lenin under
the guidance of the party. p.2.
Bogatyrov, V. - Plant in Sharikhon Sloppa. p.7.
Aloskerov, I.U. - Under state protection. p.9.
Cybernetics and planning. p.12.
For introducing the scientific methods of management.
p.21.
Cybernetics is with us. p.22.
Karimov, A., Samatov, S. - Our wealth is incalculable.
p.24.
Kim, K. - Gas, coal and oil. p.29.
Panfilova, L. - Taking into consideration the char-
acteristics of the development of the population of
Uzbekistan. p.33.
Now books of the "Ekonomika" Publishing House. p.36.
Dezrukov, B. - Dialoetics of the reform. p.38.
Breda, V. - Technological progress and the scientific
organization of labor. p.43.
Bukharbaev, A. - Remember the consumer. p.47.
Brun'ko, V. - Business accounting in auxiliary produc-
tion. p.51.
Sheld, V. - Establishing work norms. p.56.
Abdurakhmanov, V. - Plans and accomplishments.
p.62.
Uemanov, S., Komarovskii, A. - Standard method of
long-range planning. p.68.
Kabanichov, P. - Correct planning is the basis of
success. p.74.
Pulelov, A. - For the comprehensive use of cotton
harvesting machinery. p.79.
Smil'kov, Kh. - Use agricultural machinery economi-
cally. p.82.
Strengthen the cooperation of scientists and farmers.
p.83.
Rasulov, Y. - Plan for the population's monetary
incomes and expenditures. p.86.
Iur'ov, M. - The industry of good humor. p.90.
FILATELIA SSSR [PHILATELY OF THE U.S.S.R.].
Organ of Ministerstva aviatsii SSSR and Vsesoyuznoe
obshchestvo filatel'istov [Ministry of Communication
of the U.S.S.R. and the All-Union Society of Philate-
lists]. Moscow, vol.3, no.8, June 1968.
MATERIAL'NO-TEKHNIЧЕСКОЕ СНАБЖЕНИЕ [SUP-
PLY OF MATERIALS AND EQUIPMENT]. Organ of
Gosudarstvennyi komitet Soveta Ministrov SSSR po
material'no-tekhnicheskomu snabzheniu [State Com-
mission of the Council of Ministers of the U.S.S.R.
for the Supply of Materials and Equipment]. Moscow,
vol.3, no.4, Apr. 1968.
Table of contents translated:
Ignatiev, D., Iakimiev, B. - V.I. Lenin on the supply
organization of the national economy. p.1.
Dybenko, N. - Regime of economy and procurement.
p.10.
Fedorenko, N., Nosterov, E., Khutskiy, E. -
Problems of the optimal attachment of the consu-
mers to the suppliers. p.10.
Makal'mchuk, E. - Distribute supplies efficiently.
p.23.
Kovalov, N. - All-Union classifier. p.29.
Bazhenov, M. - Supplying national economy with
nonferrous metals. p.41.
Kostukhin, A. - Supplying enterprises of Kazakhstan
under the new conditions. p.44.
Shevaldin, N. - Conduct trials in the organized
manner. p.47.
Reznikov, V., Novelev, A. - Use of computers in
planning for procurement. p.49.
Ruban, G. - Master the knowledge of economics.
p.55.
Zotova, O. - Industrial training. p.68.
Delotvay, I. - Conference of workers of enterprises.
p.69.
Mezentssev, I. - Our claims toward the manufacturing
plants. p.61.
Kulik, V. - Concerns of the procurement agents of
enterprises. p.62.
Mazykin, I. - There is need for carbonic acid. p.64.
Khayev, I., Rumensov, N. - Piece tar is not a trifle.
p.66.
Kim, B. - For establishing exact need in materials.
p.67.
Sulaimanov, M., Grunin, A. - Improve the efficiency
of audits. p.68.
Lashenko, G. - Don't allow the overexpenditure of
fuel mazut. p.70.

- Alorov, B., Kravtsov, N. - The new procedure for settling accounts with the suppliers of construction organizations. p. 71.
- Vasin, K. - Business correspondence in the supply of materials and equipment. p. 72.
- Savitskiy, V. - Credit invoices. p. 74.
- Volkov, I. - Why marketing costs have increased. p. 75.
- Kiselev, N. - Improving the procurement of geological organizations. p. 76.
- Sakharova, E. - Organization of small-scale wholesale trade. p. 78.
- Ismaylov, A. - Small-scale wholesale trade store in Minsk. p. 80.
- Muraviev, A. - News from regional administrations. p. 93.
- Grishin, V. V., and others. - Ivan Mirovich Manilov, obituary. p. 95.
- Vol. 3, no. 5, May 1968.
- Table of contents translated:
- Malysh, A. - Founder of scientific communism. p. 1.
- Problems of improving the supply of materials and equipment. p. 8.
- Maltsev, B. - On guard of economy and thrift. p. 26.
- Tkachenko, V. - Eliminate deficiencies in the formation of stocks of rolled ferrous metals. p. 30.
- Burshteyn, L., Karpov, P. - Simplify forms for the application and calculation of needs for material resources. p. 36.
- Pollakov, L. - Centralized delivery of fertilizers. p. 38.
- Karlik, I. - Business accounting in farm procurement. p. 42.
- Golovina, T. - Organization of workclothes procurement for enterprises. p. 47.
- Zarubin, N. - Why the above-norm inventories are growing. p. 52.
- Selivanovskiy, V., Lebedev, M., Kogan, S. - Methods for machine processing of applications. p. 57.
- Karasuk, M. - Provide the workshops with centralized procurement. p. 65.
- Pugacheva, A. - Methods for the analysis of statistical reports. p. 66.
- Semin, S. - For the efficient use of material resources. p. 76.
- Ushakov, A. - Mathematical economics methods and electronic computers are studied in the courses. p. 80.
- Improve the procurement system persistently: review of letters received by the editor. p. 84.
- Mishchenko, K. - Mark lumber accurately. p. 91.
- Lyschenko, G. - Disorders in the procurement of maul. p. 91.
- Polotskiy, I., Pronkin, V. - Components of potentialities. p. 92.
- Gaponenko, M., Khasan, E. - Fair in Krasnoyarsk. p. 93.
- MITOVALA EKONOMIKA I MEZHODNARODNYE OTNOSHENIYA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnosheniy Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1968.
- Table of contents translated:
- Zhilin, I. U. - The main trend. p. 3.
- Katadin, A. - Limitation of nuclear weapons and international security. p. 14.
- Brulens, K. - On revolutionary democracy. p. 24.
- Khusel'itskaya, E. - What did the economic crisis in Western Germany show? p. 38.
- Gauzner, N., Mal'nev, N. - The class struggle under the conditions of state monopoly capitalism. p. 46.
- Peregudov, S. - A new organization of English monopolies. p. 56.
- Dunaevskaya, B. - Under the threat of disintegration. p. 61.
- Bautina, N. - On international socialist production relations. p. 64.
- Current problems of world politics. p. 72.
- Enov, B. - Devaluation of the pound sterling: reasons, consequences, contradictions. p. 80.
- Lubimov, N. - The nature of devaluation and its influence on the international trade. p. 84.
- Pollakov, M. - Draft reform of the international currency system. p. 97.
- Sviridova, Z. - The new burdens for the workers. p. 101.
- Bregel, E. - Currency crisis in England and the process of the reproduction of the means of production. p. 103.
- Zagladina, S. - The service industries in the U.S.A. p. 108.
- Shumilova, L. - Financing research in the Federal Republic of Germany. p. 117.
- Ivanov, I. - Compellers of American monopolies. p. 122.
- P. M. - The Frenchmen and the policy of the Communist Party. p. 147.
- Industrial production of capitalist and developing countries. p. 152.
- L. B. Al'lor, obituary. p. 166.
- MOSCOW, INSTITUT NARODNOGO KHOZIAISTVA. Sbornik nauchnykh rabot [INSTITUTE OF THE NATIONAL ECONOMY. Collected Papers]. No. 20, 1967.
- Table of contents translated:
- Arkhangelskiy, N. A. - Change of the air permeability of fabrics under wetting conditions. p. 3.
- Arkhangelskiy, N. A., Palladova, M. S. - Blended cotton fabrics with viscose staple fibers. p. 10.
- Palladov, S. S., Novopavlovskaya, V. V. - Effect of synthetic glaple fibers on the creasing property of worsted suit fabrics. p. 20.
- Palladov, S. S., Sidlanikov, V. P. - Determining the crease resistance of textile fibers, yarn and fabrics. p. 28.
- Bobin, I. P. - Studying fabrics with new structures and their shrinkage. p. 41.
- Khreshchev, N. I., Mirozova, L. V. - Characteristics of suit fabrics with added synthetic fibers. p. 50.
- Kedrin, E. A. - Classification of leather footwear. p. 66.
- Shestoglov, L. M., Alekseev, N. S. - Comparative study of porcelain china and earthenware for public catering enterprises. p. 70.
- Ostapovskiy, T. S., Filanov, N. I. - Seriatometric properties of photographic films for roentgenographic photographs. p. 85.
- Zaitsev, V. G., Mal'nikov, R. I. U. - Service characteristics of household electric plates and electric irons. p. 86.
- Lavrent'ev, V. P. - Effect of residual austenite on the wear resistance of steel surfaces in a hardening cementation. p. 106.
- Makolkina, I. A., Karpov, V. T. - Effect of thermal treatment on the properties of products manufactured from magnesium alloys. p. 113.
- Karpov, V. T., Dirlikova, Z. B., Makolkina, I. A. - Ways of hardening steel products. p. 124.
- Gusev, S. P., Chernov, M. S. - Film coating protection of metallic products against corrosion. p. 133.
- Nin, S. N. - Nonwoven textile fabrics with warp produced from cord threads of worn tires. p. 138.
- Kedrin, E. A., Semnova, E. E., Zimin, S. N. - Evaluating the wear resistance of leathers for shoe fitting. p. 142.
- NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA]. Issued by Gosplan Armianskoi SSR and Institut ekonomiki Akademii nauk Armianskoi SSR [State Planning Committee of the Armenian S.S.R. and the Institute of Economics of the Academy of Sciences of the Armenian S.S.R.]. Eriwan, vol. II, nos. 4-6, 1968. [In Armenian]
- NOVAIA INOSTRANNAIA EKONOMICHESKAYA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] and others. Moscow, nos. 5-6, 1968.
- NOVAIA SOVETSKAYA EKONOMICHESKAYA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-6, 1968.
- ORGANIZATSIYA I UPRAVLENIE NEFTEDOBVAYUSHCHIEI PROMYSHLENNOSTI [ORGANIZATION AND MANAGEMENT OF PETROLEUM PRODUCTION]. Issued by Vsesoyuznyi nauchno-issledovatel'skii institut organizatsii, upravleniya i ekonomiki neftegazovoi promyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 3, 1968.
- Table of contents translated:
- Lozov, M. T., and others. - Practices in developing and using the incentive systems in petroleum production industry enterprises working under the new conditions. p. 3.
- Fregor, I. A., Shmakova, L. B., Al'lor, S. N. - Method and practice in using motion picture films in planning for the labor process in lowering and lifting the drilling tool. p. 7.
- Valev, M. Kh., Nafikov, M. M. - Organization of labor in a derrick crew employed in large-black rig construction. p. 19.
- Vasil'ov, G. S. - Organization of production and labor in the underground repair of wells in the "Iuzhno-tanets" Oil Field Administration. p. 24.
- Sozdaletev, V. G., Zaitsevdinov, E. A. - Establishing work norms for hourly workers in the "Tuymanzhan" Oil Field Administration. p. 26.
- Agafonov, I. V., Ermakov, V. O. - Improving methods for establishing norms for auxiliary works in drilling. p. 28.
- Stoliarovskiy, G. M., Shevchenko, M. G., Lovchenko, G. V. - From practice in planning for industrial aesthetics in the production and equipment supply base of the "Kazakhstanneft". p. 33.
- Viktorovich, V. Ia. - Standard plans for scientific organization of labor. p. 36.
- Fedorov, A. M. - The new goals of scientific organization of labor. p. 30.
- Korbinov, P. M. - Results of the rivalry-competition for the best development and introduction of plans for scientific organization of labor. p. 43.
- PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.]. Moscow, vol. 44, no. 7, July 1968.
- Table of contents translated:
- Balabukov, N. K. - Problems of improving planning and economic work in the national economy. p. 3.
- Lobedinskiy, N. P. - Problems of improving national economic planning. p. 32.
- Porvukhin, M. G. - Improving regional planning and distribution of productive forces. p. 46.
- Onitskiy, I. A. - Use of mathematical economic methods as an inalienable condition for improving national economic planning. p. 58.
- Mokhov, N. I. - On the training of economists and providing the economic qualifications of the managerial personnel. p. 67.
- Gorshkov, M., Nefedovskiy, S. - Economic reform and problems of planning. p. 81.
- Orlov, S. - Industrial complexes and production management. p. 91.
- Kudakov, G. - Justifying norms for the deduction of incentive funds. p. 93.
- Vol. 44, no. 8, Aug. 1968.
- Table of contents translated:
- Pavlenko, A. - Developing power engineering and electrification in the U.S.S.R. p. 3.
- Fedorov, N. - Problems of optimizing the development and distribution of industry. p. 10.
- Chelakov, N. - Technical and economic analysis and justification of plans. p. 20.
- Mojzishin, M., Shiforov, A., Chorokov, I. - Method of establishing time norms for attaining planned production capacity. p. 28.
- Garolovskiy, N. - Incentives for technological progress and socialist reproduction of the means of production. p. 35.
- Trigor, G. - Business accounting in the workshops of the "Svet Shkolnaya" Plant. p. 42.
- Vasil'ov, P. - Evaluation of the forest resources. p. 48.
- Guzhvin, P. - Analysis of agricultural production. p. 54.
- Al'lor, I., Pichikina, P. - First Soviet model of economic growth. p. 60.
- Recommendations of the All-Union Conference on Improving Planning and Economic Work in National Economy. p. 71.
- ORGANIZATSIYA I PLANIROVANIYE OTKRYTOGO NARODNOGO KHOZIAISTVA [ORGANIZATION AND PLANNING OF THE NATIONAL ECONOMY BRANCHES]. Kiev, no. 4, 1968.
- Table of contents translated:
- Economic problems of increasing the efficiency of industrial production. p. 3.
- Fedorov, A. V. - Efficiency of the specialized and the production of welding equipment. p. 13.
- Gritsenko, P. V., Skladan, V. P. - Intensive specialization is the main potentiality for improving the efficiency of machinery manufacturing production in the Ukrainian S.S.R. p. 20.
- Skrivitsov, N. N. - Ways of the efficient use of capital assets in the industry of the Ukrainian S.S.R. p. 20.
- Kalabin, L. V. - Economic criteria for selecting a form of machinery supply under the conditions of the Donets Basin. p. 32.
- Krivitsov, V. N. - Efficiency of the introduction of new equipment and the development of tool production. p. 41.
- Dubovenko, T. N. - Economic efficiency of using plastics in machinery manufacturing. p. 48.
- Zhirkova, E. V. - Ways of improving the use of capital production funds in the food industry of the Ukrainian S.S.R. p. 54.
- Zdorov, I. V., Kugushev, M. E. - Potentialities for improving the quality of the coal product in ferrous metallurgy. p. 61.
- Ilukhin, B. N. - Technological progress in the machine tool industry. p. 67.
- Linchovskaya, V. A. - Development of the furniture industry and the use of raw materials for the production of furniture in the Ukrainian S.S.R. p. 72.
- Dzhurinskii, N. I. - Efficiency of improving the quality of consumer's goods. p. 70.
- Dychonok, N. F. - Using substitutes for deficit materials in machinery manufacturing. p. 85.
- Zharikov, P. P., Troianovskiy, V. I. - Technological progress in industry and the use of foundry products. p. 91.
- Prokopenko, N. S., Gonkin, A. M. - Ways of improving the quality of industrial products. p. 97.
- Slukolov, P. M. - Demand is the basis of planning. p. 102.
- Novolov, A. M. - Ways of improving the organization of working out the material balances. p. 111.

G. - Business accounting and improving
tion of amortization in industry. p. 119.
T. I. A. - Plakida, M. M. - Establishing
and the use of production stocks in
ing plants. p. 128.
V. F., and others. - Dependence of the cost
mining on the natural geological conditions
deposits. p. 135.
I. G. - Principles of the formation and
ment of industrial complexes. p. 140.
V. A. - Efficiency of creating industrial
es. p. 147.
M. - On some problems of the production
umption of petroleum products in the
estern Economic Region of the Ukrainian
p. 152.
V. - The Ukrainian S. S. R. aids the develop-
ent in the creation and strengthening of
national economy. p. 157.

SOVREMENNOSTI EKONOMIKI KAZAKHSTANA
[MODERNITY OF THE PRESENT-DAY ECONOMY
KAZAKHSTAN]. Issued by Institut ekonomiki Akad-
emii Kazakhskoi SSR [Institute of Economics of
Academy of Sciences of the Kazakh S. S. R.].
p. 3, 1967.

Table of contents translated:
V. T. A., Zlobin, K. K. - Some results and
of the economic reform. p. 3.
V. U. - Efficiency of capital assets in
y. p. 21.
ev, R. - Rates and proportions of the de-
ent of industrial production. p. 38.
A. I. - Rates of the development and forma-
the branch structure of group "B" indus-
ries. p. 65.
ko, M. G. - Influence of the mechanization
omation of production on the composition
nber of industrial workers. p. 88.
ch, V. F. - Categories of the industrial
p. 95.

Sh. D. - Efficiency of the comprehensive use
materials in nonferrous metallurgy. p. 107.
M., Khasenov, A. - Some problems of in-
ing the efficiency of capital investments in
metallurgy. p. 117.
I. V. - Developing qualitative metallurgy.

A. G., Mita, I. E. - Determining the cost
in substituting it with natural gas. p. 142.
O. I. - Efficiency of the secondary methods of
ing oil fields. p. 153.
ova, M. - Effect of the renovation of capital
on the efficiency of production in the textile
y. p. 164.

M. G., Balzakov, S., Duleva, G. G. - Selec-
optimal long-range plan for the distribution
y industry enterprises in Kazakhstan. p. 182.
hin, S. - Economic efficiency of the trans-
ion of food products and ways of improving
ity. p. 204.

V. L. - Some problems of developing agri-
l production. p. 225.
V. M., Vasil'ova, M. S. - Utilizing natural
ces of Kyzyl-Orda Province in the national
y. p. 240.

VNIYI Sbornik: EKONOMIKA PROMYSLENNOSTI
[JOURNAL OF ABSTRACTS: ECONOMICS OF
INDUSTRY]. Issued by Vsesoyuznyi Institut nauchnoi
cheskoi informatsii [All-Union Institute of
and Technical Information]. Moscow,
June-July 1968.

ONOMIKI [PROBLEMS OF ECONOMICS].
Institut ekonomiki Akademii nauk SSSR
of Economics of the Academy of Sciences of
S. S. R.]. Moscow, no. 5, May 1968.

Table of contents translated:

VI. - Initial point of political economy.

A. - K. Marx on the economic development

Results of the wholesale price reform

blems of further improving price deter-

in Russia. p. 20.

hi, M. - Indices of the managerial operations

erprises. p. 37.

ov, A. - The reform and developing business

ing relations in agriculture. p. 47.

V., Ivander, V., Konstantinov, M. - Planned

of production and the realization of the

al product and national income. p. 58.

V. - Cooperation of socialist countries is

ective necessity. p. 70.

I. - Burgeois economists on national

optimum and efficiency of planned pro-

duction. p. 78.

G. - Some problems of the theory of plan-

ning. p. 88.

in, M. - On the problem of the "price" of

labor. p. 102.

V., V. - Developing local criterion for

quality. p. 113.

V., V. - Scientific organization of labor in an

prise. p. 118.

Strogova, A. - Production of articles of national
consumption in the countries participating in the
Mutual Economic Assistance Council. p. 127.

Levin, G. - Planning for capital investments and their
efficiency. p. 132.

Datsukin, F., Orlov, B. - The economy of Siberia:
evaluations and recommendations. p. 146.

Dzhalava, A. - Among the economists of the Urals
and the Komi A. S. S. R. p. 149.

Vasil'eva, V. - Supplying goods to the population in
the Far North regions. p. 152.

Dzharaskin, A. - Statistics at the new stage. p. 154.

Rabinovich, P. - Use every possibility. p. 155.

Baklanov, G. - There is need for modern textbooks
and manuals. p. 155.

Savostina, L. - The plan and the market: opinions of
Polish economists. p. 156.

2. LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE
[PROTECTION OF LABOR AND SOCIAL INSURANCE].

Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'-
nykh Sojuzov [All-Union Central Council of Trade
Unions]. Moscow, vol. II, no. 4, Apr. 1968.

Table of contents translated:

To the 14th Congress of the Trade Unions of the
U. S. S. R. p. 1.

Under the Lenin Banner. p. 3.

Shoyntik, N. M. - Lenin is always with us. p. 5.

Andreev, V. - In order to have safe labor. p. 7.

Rabkin, V. - On the basis of productive work.

p. 9.

Litvinenko, I. - Glorious traditions. p. 11.

Gerasimov, A. - Metallurgists will say, "Thanks." p. 12.

Vagachev, I. A. - Ministry or territorial administration.

p. 14.

Everything about the ladder. p. 15.

Gennad'ev, G. - "Unfilled reservations?" They

should be eliminated. p. 18.

Ter-Karapetian, A., Tendel'm, I. - Cvisible

enemies. p. 20.

Paron'kov, A. - Construction workers walk while

State Construction Commission procedures.

p. 22.

Gerasimov, I. - Beyond the counter. p. 24.

Nikitin, V. - For comprehensive research. p. 26.

Kuchina, M. - Accounting for bonuses in computing

pensions. p. 26.

Maltshchikov, B. - Safety measures on the screen.

p. 30.

Vol. II, no. 8, June 1968.

Table of contents translated:

The Medical and Sanitary Department. p. 1.

Pupov, M. - Build more, faster and cheaper. p. 3.

Darnev, I. - Industrial safety is first on the priority

list. p. 6.

Dulav, E. - According to the laws of aesthetics.

p. 7.

Karpushchenko, V. - A hundred concerns of a fore-

man. p. 8.

Averbukh, I., Ilapin, V. - Useful cooperation. p. 8.

Tinchenko, V. - Gratifying changes. p. 10.

Terekhov, I. - Not for the sake of glory. . . . p. 12.

Nitslavskaya, E. - The five-day workweek and medi-

cal help. p. 14.

Mikulin, A. - Incomplete ionization. p. 16.

Glagoleva, T. - The lighting in industry. p. 17.

Muradov, A. - At the post of an observer. p. 22.

Khalimovskii, G., Malkin, B. - Take care of your

hands. p. 24.

Nedzhilo, E. - For those who work with pitch. p. 25.

Kalik, A. - Restore the fame of Lipetsk health resort.

p. 26.

Simonenko, G. - Allowances for collective farmers.

p. 28.

RABOTNITSA [THE WOMAN WORKER]. Published by
Izd-vo [Publishing House] "Pravda." Moscow,
nos. 7-8, July-Aug. 1968.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND
THE PEASANT WOMAN]. Issued by Tsentral'nyi Komitet
Kommunisticheskoi partii Belarusi [Central Committee
of the Communist Party of White Russia]. Minsk,
vol. 44, no. 7, July 1968.

VSESOUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'-
NYKH SOJUZOV, Sbornik postanovlenii [ALL-UNION
CENTRAL COUNCIL OF TRADE UNIONS. Decisions].
Moscow, Apr. - June, 1967.

3. SOCIOLOGY

AZƏRBAYCAN GAOYNY [AZERBAIJAN WOMAN]. Issued
by Tsentral'nyi Komitet Kommunisticheskoi partii
Azərbaycan [Central Committee of the Communist
Party of Azerbaijan]. Baku, no. 7, July 1968.

KOMSOVOL'SKAYA ZHIZN' [LIFE OF COMMUNIST
YOUTH]. Issued by Tsentral'nyi komitet Vsesozuz-
nogo Leninskogo kommunisticheskogo sojuzn molode-
zhi [Central Committee of the All-Union Communist
Youth League of Lenin]. Moscow, no. 16, Aug. 1968.

RADIANSKA ZHINKA [SOVIET WOMAN]. Kiev,
vol. 23, nos. 7-8/271-272, July-Aug. 1968.

SMENA [THE YOUNGER GENERATION]. Organ of Tsen-
tral'nyi komitet Vsesoznuznogo leninskogo kommuni-
sticheskogo sojuzn molodezhi [Central Committee of
the All-Union Communist Youth League of Lenin].
Moscow, nos. 14-15/986-989, July-Aug. 1968.

SOTSIAL'NOE ODESPECHENIE [SOCIAL SECURITY].
Issued by Ministerstvo sotsial'nogo obespecheniia
RSFSR [Ministry of Social Security of the U. S. S. R.].
Moscow, vol. 43, no. 4, Apr. 1968.

Table of contents translated:

Our anniversary. p. 1.

Il'ina, G. - Archives tell. p. 7.

Semenov, M. - Turning over the pages of history.

p. 10.

This was in the 1920's. . . . p. 12.

Kozlov, A. - On the collective farmers' length of

service. p. 18.

Cherkasova, N. - First results. p. 20.

Trofimov, A. - When there is concern for the people.

p. 22.

Kozlov, A. - Rewards create obligations. p. 25.

Soslov, A. - Golden character. p. 28.

Vannan, L. - Medical treatment of epileptics and

their capacity for work. p. 30.

Lazetskaya, K. - The experts learn. p. 35.

Lysenskaya, L. - Monument to Lenin paid for by a

prisoner. p. 36.

Veselova, N. - After the criticism. p. 39.

Dashin, I. - Youth steps into life. p. 42.

Semidotova, P. - Increased pledges. p. 44.

Shakhmurov, L. - The enterprise works on the five-

day workweek schedule. p. 46.

From the Collegium of the Ministry. p. 50.

The agencies of the ministry explain. p. 52.

Konstantinov, V. - Pre-retirement pensions for transpor-

tation workers. p. 56.

Rogal, Enzu. - The Italian workers in the struggle

for their rights. p. 60.

SOVET TURKMENISTANYNYG AIALIARY [SOVIET
TURKMENISTAN WOMAN]. Organ of Tsk KP Turk-
menistana [Central Committee of the Communist
Party of Turkmenistan]. Ashkhabad, nos. 4-6/178-
180, Apr. - June 1968. [In Turkmen]

SOVETSKAYA ZHENSICHINA [SOVIET WOMAN]. Organ
of Komitet sovetskikh zhenshchin and Vsesoyuznyi
Tsentral'nyi Sovet Professional'nykh Sojuzov [Com-
mittee of Soviet Women and the All-Union Central
Council of Trade Unions]. Moscow, no. 0, 1968.

ЎЗБЕКISTON SOTSIAL TA'MINOTI [SOCIAL SECURITY
OF UZBEKISTAN]. Issued by Ministerstvo sotsial'-
nogo obespecheniia Uzbekskoi SSR [Ministry of Social
Security of the Uzbek S. S. R.]. Tashkent, no. 2-3/57-
58, Apr. - June 1968. [In Uzbek]

6. POLITICAL SCIENCE

AGITATOR, Issued by Tsentral'nyi Komitet Kommuni-
sticheskoi partii Sovetskogo Sojuzn [Central Commit-
tee of the Communist Party of the Soviet Union]. Mos-
cow, no. 9, May 1968.

Table of contents translated:

Editorial: Intensification of ideological work is an

urgent task. p. 3.

Nikitin, L. - The party was the organizer of the Soviet

Republic's defense; publication of the second part

of the third volume of "History of the CPSU." p. 7.

Bel'mukov, V. - Krantz Island of ideas; "spiritual

values" offered in the United States to a young person

beginning a career; an observer's notes. p. 10.

Murekii, M. - Soviet public service; 50th anniversary

of Soviet public health service and Medical Worker's

Day. p. 14.

Philipovskii, I. A. - School and life; 50th anniversary of

the statute signed by V. I. Lenin on the organization

of public education. p. 17.

Seleznev, F. - Care for sowings; timing and quality.

p. 19.

Holik, A. - The arts serve communism. p. 22.

Gurnov, B. - Under the blows of a crisis. p. 25.

Svoshnikov, F. - Legends about the Red Banner. p. 27.

Let us produce more merchandise of good quality and

variety; an article dedicated to the Workers' Day

of Light Industry. Facie and Figures. p. 32.

Our information. p. 39.

Stadnikov, I. - Efficiency is the main criterion. p. 40.

Borodina, V. - A strict account of every working min-

ute; record of a talk given by a political lecturer.

p. 43.

Aliev, I. M. - The strongest fusion. p. 45.

Pyshnograeva, M., Dobrinskii, I. - In the village Vyao-

Gogolev, A. - The glorious traditions of Moscow's environs, the anniversary year's experiences. p. 48.
 Lelushenko, D. - A friendship tested by time, an article dedicated to the national celebration of Czechoslovakia's People's Day on May 9. p. 51.
 Heintze, Walter. - A charter of peace and socialism, an article dedicated to the adoption of the new socialist constitution of the German Democratic Republic. p. 54.
 Sergeev, L. - Events in China, an observer's notes. p. 57.
 Aleksandrov, I. - What the map of South Vietnam tells us. p. 60.
 A political dictionary. p. 63.
 Now books. p. 64.

BLOKNOT AGITATORA [THE AGITATOR'S NOTE-BOOK]. Issued by Odolny propaganda i agitatsionno-izobrazitel'naya KPSM [Propaganda and Dissemination Section of the Irkutsk Province Committee of the CPSU]. Irkutsk, nos. 23-24, Dec. 1967.

BLOKNOT AGITATORA [THE AGITATOR'S NOTE-BOOK]. Issued by Odolny propaganda i agitatsionno-izobrazitel'naya KPSM [Propaganda and Dissemination Section of the Leningrad Province Committee and the Leningrad City Committee of the Communist Party of the Soviet Union]. Leningrad, nos. 10, 12-20, Apr.-July, 1968.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 42, no. 8, June 1968.

Table of contents translated:
 The 50th anniversary of the Communist Party of the Ukraine. p. 3.
 Editorial: On combat duty in Lenin's party. p. 6.
 Sapozhnyk, M. - The Communists. p. 16.
 Tishchenko, V. - The Kyiv vanguard. p. 22.
 Garkusha, N. - Great unexploited potentialities of growth in agricultural production. p. 31.
 Luk'ianov, I. - Our Republic's green workshop. p. 33.
 Iabluchko, R. - Culture of socialist training. p. 35.
 Skachko, N. - Powerful instruments of communist education. p. 38.
 Dubovskii, N. - We shall expand the advanced accomplishments. p. 41.
 Stepanuk, A. - Let us increase the leaders' rows. p. 50.
 Stetsiuk, S. - The party's independent power. p. 56.
 Taras, G. - An economic survey. p. 60.
 Timukhin, E. - The party's concern for improving housing conditions of the workers. p. 65.
 Gorshkov, V., Rimovskii, I. - History's informative pages: a shameful road of betrayal and adventures of the Ukrainian bourgeois nationalists. p. 76.
 Gavriluk, A. - Province newspapers and party education. p. 80.
 Zubin, L. - The swastika in the "free world." p. 92.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 43, no. 8, Aug. 1968. [In Ukrainian]

MEZHUNARODNAYA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge"] All-Union Society. Moscow, vol. 15, no. 5, 1968.

Table of contents translated:
 Editorial: A policy of peace and international collaboration. p. 3.
 Bogush, E. - At the sources of international politics of the working class. p. 6.
 Kuz'minov, I. - The economy of world capitalism: situation and prospects. p. 14.
 Alekseev, A. - Negotiations on nonproliferation of nuclear weapons. p. 22.
 Itin, V. - Bonn's nuclear ambitions. p. 30.
 Zakharov, A., Iohannov, I. - Vital problems of the developing countries before the forum of the United Nations. p. 39.
 Teplovskii, B. - Strategic failures of the United States in Indochina. p. 48.
 Shishkov, I. - England and the "Common Market": hopes and reality. p. 60.
 Morris, C. - Pre-election anxieties of the trade union bureaucrats in the United States. p. 70.
 Rigin, I. - Canada and the war in Vietnam. p. 80.
 Dragin, N. - Greece under the fifth dictatorship. p. 90.
 Selezneva, E. - The developing states in international relations. p. 96.
 Siniavov, I. - Iran, in the year 1347. p. 105.
 Mikheev, I. - The program of the National Liberation Front of South Vietnam deals with independence, democracy, peace, and neutrality. p. 111.
 Orskhov, F. - A spectacle with proper ecology. p. 117.
 Nizhegorodskii, K. - Conference of the West German Social Democratic Party at Nuremberg. p. 118.
 Mitukov, I. - The Memphis crime. p. 119.
 Gromovskii, E. - For peace and collaboration in the Balkan Peninsula. p. 120.

Bocharov, I. - Terror in Guatemala. p. 121.
 Vasil'ev, N. - After the elections. p. 122.
 Alimov, I. - Why were the Airicans executed? p. 123.
 Koshchik, K. - On the horizon of the "unsinkable" Pueblo. p. 124.
 Khlazev, I. - Seven years of struggle for liberation. p. 125.
 Grumolov, A. - General Wesslin back on the scene. p. 126.
 Ievleva, T. - "Adolph the second" and company. p. 129.
 On the road toward unity. p. 139.
 Andreev, I. - Collapse of the "Golden pool." p. 141.
 Grachev, V. - "Economy" policy of the Labor party. p. 143.
 Markov, M. - Before the Italian parliamentary elections. p. 144.
 Tsvetov, R. - The new Finnish government. p. 147.
 Rukilla, N. - A word with a lecturer: from reviewing experience. p. 148.
 Ashinovskii, I. - Among the Leningrad lecturers on international affairs. p. 150.
 Ivashov, V. - A conference of theoretical nature of Moscow propagandists. p. 151.
 Materials of the European Consultative Commission; document No. 3 (to be continued). p. 152.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 28, no. 34(212), Aug. 1968.

Table of contents translated:
 Editorial: To seek counsel from Lenin. p. 1.
 The situation in Vietnam. Ambassador Nguyen Tho Chan. p. 3.
 Patalichev, N. S. - Our trade with England. p. 5.
 Pavlovskii, N. G. - The counterforce strategy. p. 6.
 Paklin, N. - On the banks of the Oil River. p. 8.
 Moscow and Amman. p. 9.
 Grigor'iants, A. - Is it really the lasting "Grand coalition." p. 10.
 Izakov, B. - Ponderal uses of outer space. p. 12.
 Kromov, M. - Tel Aviv goes too far. p. 13.
 Chupras, Kirilakos. - Dangerous bases in Cyprus. p. 12.
 Gladkov, N. A. - The scientific and technical progress and nature. p. 15.
 This seminar in Kwantung: from a Peking observer. p. 16.
 Pol'skoi, G. - How the President of the United States is elected. p. 20.
 People and events: Richard Milhouse Nixon; Charles Mitchell; Toran Takyu. p. 21.
 International notes. p. 22.
 Wroblewski, Andrzej Krzyzozel. - Warsaw of the future. p. 24.
 Ivancenko, V. - In Trinidad, travel impressions. p. 26.
 Sidorov, V. - "I shall not tolerate it"; Louisville. p. 29.
 World events. p. 32.
 On preparations for the centenary of Vladimir Il'ich Lenin's birth; decision of the Central Committee of CPSU. p. 35.

PARTINAYA ZHIZN' [PARTY LIFE]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 17, Sep. 1968.

Table of contents translated:
 Communiqué on the Soviet-Czechoslovak negotiations. p. 3.
 Meeting of party and government delegations of the socialist countries. p. 5.
 Editorial: The great work of socialism in invincible unity. p. 6.
 Unity and the strengthening solidarity. p. 12.
 Moscow on the eve of Lenin's anniversary; preparatory measures for the 100th anniversary of V. I. Lenin's birth. p. 15.
 Courses for retraining party and soviet cadres. p. 22.
 Slopanov, V. - Kazakhstan grain. p. 27.
 Vorstuhin, M. - Urban economy should be constantly improved. p. 30.
 Instruction of the party's district and urban committees. p. 35.
 New conditions and new requirements. p. 35.
 Malonina, A. - The party group is the basis of people's control. p. 40.
 In the Committee of People's Control attached to the Central Committee of the CPSU. p. 45.
 Ias'kov, V. - Let us carry out the five-year plan ahead of time. p. 46.
 Work with party members. p. 51.
 Dmitriuk, A. - The party's concern for political education of the young people. p. 54.
 Zhukin, E. - Rural clubs and libraries. p. 60.
 Towards Lenin's anniversary. p. 64.
 Communist reports at party meetings. p. 65.
 A party province committee on technical re-equipment of enterprises. p. 68.
 Women are experts in mechanization specialties. p. 67.
 Mel'nikov, V. - Let us turn out pretty articles of good quality. p. 68.
 Andreev, I. - Why are wall newspapers seldom being published? p. 69.
 Ershov, I. - Unity among the ranks of Chinese communists is being strengthened. p. 71.
 Now books. p. 80.

POLITICHESKOE SAMOOBRAZOVANIYE [POLITICAL SELF-EDUCATION]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 7-9, 1968.

RUSSIA [1917-1988]. R. S. F. S. S. R. [Russian Soviet Federative Socialist Republic] (Supreme Soviet, 1988) (513-519), Aug.-Sept. 1988.

RUSSKOE DELO. RUSSIAN CASE. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 7-9, 1968.

SOVETSKII DAGUSTAN [SOVIET DAGESTAN]. Issued by Dagestanskii obkom KPSS [Dagestani Provincial Committee of the CPSU]. Makhachkala, no. 17, 1968.

SOVETSKII DEPUTATOV [SOVIET DEPUTY]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 17, 1968.

TURKMENISTAN KOMMUNISTI [TURKMENISTAN COMMUNIST]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Turkmenskoi SSR [Central Committee of the Communist Party of Turkmenistan]. Ashgabat, no. 6, June 1968.

UZBEKISTON KOMMUNISTI [UZBEKISTAN COMMUNIST]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Uzbekistoni [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 7, July 1968. [In Uzbek]

VIL'NA UKRAJNA [FREE UCRANIA]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 43, no. 8, Aug. 1968.

VISNYK. THE HERALD. Issued by Tsentralnyi Komitet Komunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 43, no. 8, Aug. 1968.

ZNAMIA ROSSII [FLAG OF RUSSIA]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 291-292, Aug.-Sep. 1968.

7. LAW

MOSCOW. UNIVERSITET. Vostochnyi [EASTERN UNIVERSITY]. Moscow, vol. 12, no. 4, July-Aug. 1968.

Table of contents translated:
 Orlovskii, V. P. - Rights of the people. p. 3.
 Ivanov, B. A. - Significance of the people's rights in the election and legislative process. p. 10.
 Miroshnichenko, I. A. - The role of the organs of Soviet military power in the war and foreign relations. p. 12.
 Polud, G. - The new criminal law. p. 17.
 Rukov, D. D. - The individual. p. 46.
 Tarasova, V. A. - Concepts of the people's rights in the industrial collective of workers. p. 51.
 Kebelev, M. Kh. - Characteristics of the work of the organs of power in the Soviet Union. p. 67.
 Lukin, D. N. - Early investigation of the crime by firearms. p. 72.
 Sherenok, K. F. - The Soviet legal system. p. 73.
 Problems of Local Soviets. p. 74.
 Silva, A. - Discussion of "The 100th anniversary of the birth of V. I. Lenin." p. 75.
 Gorbunova, O. N. - Problems of the people's rights in the U. S. S. R. p. 90.

OTVECHAE NA VOPROSY NAIV [ANSWERS TO QUESTIONS]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 24, 1968.

RADIANS'KE PRAVO [SOVIET LAW]. Issued by Tsentralnyi Komitet Komunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 24, 1968.

Table of contents translated:
 The 30th anniversary of the Ukrainian People's Republic. p. 3.
 Nedbal, P. - International protection of the rights. p. 8.
 Nyzhnyuk, V. - New legislative measures in the village and settlement. p. 10.
 Kasovych, S., Piliar, V. - Some aspects of the mass organizational work. p. 20.
 Saniko, L. - Let's ensure a wide participation of the masses. p. 31.
 Rohovskii, S., Leonenko, V. - The results of the study of cases concerning the hooliganism of minors. p. 32.

Bashanov, M. - Determination of crime and the type of penalty in the findings of judicial sentences. p. 41.

Anshchenko, I. F., Horobnova, A. - The role of courts in preventing the violation of labor laws. p. 46.

Aleksandrov, I. U. - Voluntary withdrawal from the commission of a rape. p. 46.

Povar, A. - Some problems in the eviction of tenants by administrative agencies. p. 51.

Dem'yanenko, V. - Collecting the evidence in the process of the investigation of a criminal violation of industrial safety rules. p. 55.

Hecharenko, A. - Experience in the struggle against hooliganism that deserves consideration. p. 57.

Slonarchuk, D. - Responsibility for the failure of contracts for the purchase of farm products. p. 60.

Udalykh, K. - How criminal laws protect the property of collective farms. p. 64.

Legal advice. p. 69.

Ushchenko, I. - Experience in the organizational work of the presidium of a bar association. p. 71.

Ochykova, M. - Issue of the documents which certify the rights of succession. p. 74.

Legal advice. p. 75.

Orydzhova, M. - Proposed basic principles of the marriage and family law of the Soviet Union and the Union republics. p. 70.

Kolesh, I. E., Lymarchenko, S. - Principles of socialist legality in the work of pretrial investigation agencies. p. 80.

Geikman, V. - Grounds for the establishment of the legal labor relations of young specialists. p. 83.

Zahorodniuk, V. - Let us eliminate the violation of laws in the examination of protocols. p. 80.

Yreka'yi, F. - Efforts to ensure a strict observance of laws in industrial enterprises and government agencies. p. 89.

Puzykova, A. - Busy life of the people's assessors. p. 91.

Martynenko, P. - New Constitution of the German Democratic Republic. p. 95.

Decisions of the Supreme Court of the Ukrainian S. S. R. p. 101.

Public prosecutors supervise the observance of laws. p. 105.

Recent legislative enactments. p. 106.

RUSSIA (1917- R. S. F. S. R.). Verkhovnyi Sud. Bulletin [Supreme Court. Bulletin]. Moscow, nos. 1-8, 1958.

SOVETSKAIA IUSTITSIYA [SOVIET JUSTICE]. Issued by Ministerstvo Iustitsii i Vorkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R. S. F. S. R.]. Moscow, no. 8, Apr. 1958.

Table of contents translated:

V. I. Lenin's struggle against mismanagement. p. 1.

Farberov, N. - How V. I. Lenin developed K. Marx's theory of the socialist state. p. 3.

Fesler, O. - V. I. Lenin as member of Samara and St. Petersburg bar associations. p. 5.

Rukhtimovich, V. - Government-owned enterprises and concerns as juristic persons. p. 7.

Zelnickii, A. - Voluntary abandonment of plans and preparations for the commission of a crime. p. 9.

Karadylna, T., Kuralova, O. - Judicial cases concerning reinstatement to a former position. p. 10.

Pergament, A. - New legislative enactments on domestic relations. p. 13.

Kriger, V., Ushchenko, V. - Let us intensify the work of public representation councils. p. 15.

Dem'yanenko, V. - Guarantees which protect the rights as well as regulate the obligations of collective farmers. p. 17.

Knylyev, S. - Subject of evidence in Soviet civil procedure. p. 19.

Darydor, P. - Indictment and the possibility of its modification during the trial. p. 21.

Rukosuev, I. - Liability for failure to carry out the plan of rail transportation. p. 23.

Barinovskaya, G. - Additional penalties for compound offenses in court practice. p. 25.

Sokolov, V. - In the service of justice. p. 20.

Matve, E. - At a conference of Slovak practicing lawyers. p. 28.

Decisions of arbitration agencies. p. 28.

Dvoraiskii, V. - How long shall we tolerate such practice? p. 30.

Answering our readers' questions. p. 30.

From the practice of notarial agencies. p. 32.

No. 9, May 1958.

Table of contents translated:

At the forefront of the struggle for peace, solidarity, and democracy. p. 1.

Orlov, A. - We should try to improve the judicial examination of juvenile delinquency cases. p. 3.

Sergeeva, N. - Elimination of shortcomings in the implementation of Articles 51 and 62 of the civil procedure code of the R. S. F. S. R. on judicial commissions. p. 6.

Dikov, A. - Economic penalties and the liability of workers. p. 8.

Ornberg, L., Etdinova, E. - Let us protect the inheritance rights of our citizens. p. 10.

Erkind, P. - Some problems relating to defense in Soviet criminal procedure. p. 12.

Tkachenko, V. - An intense and vehement emotional excitement as an orientating circumstance. p. 14.

Krivolapov, G. - Differentiation of the acquisition and sale of goods being fully aware that they were acquired by a criminal act from complicity in a crime and sheltering a criminal. p. 16.

Appropos of the publication of the proposed "Basic principles of the marriage and family laws of the Union of S. S. R. and the Union republics." p. 18.

Voronin, N. - Assistants and organizers. p. 20.

Korlagica, T. - Specialization of judges in the examination of cases concerning the pillaging of socialist property. p. 23.

Nechayev, V. - Liability for work injuries should also be applied to collective farmers. p. 24.

Lazarov, V. - The wolf (to be concluded). p. 25.

Pol'skoi, G. - A law is a law. p. 27.

Answering our readers' questions. p. 29.

Sospatov, E. - How they "exchanged their expertise." p. 30.

In the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R. p. 31.

Decisions of arbitration agencies. p. 32.

From the practice of notarial agencies. p. 32.

No. 10, May 1958.

Table of contents translated:

In the name of and for the welfare of man. p. 1.

Pervushin, A. - Let us improve the forms of supplying the agricultural enterprises with materials and machinery. p. 3.

Zykov, V. - Determining the period of limitation in charged a person with a continuous criminal offense. p. 5.

Belogorskaya, E. - Monetary deposits of a married couple. p. 6.

Ivanov, I. U. - Renewal of a criminal case that was dismissed because the accused was released on bail. p. 8.

Ignatov, A. - Especially serious aftereffects of rape. p. 10.

Mel'nikov, A. - Procedural rights of the persons who institute civil actions at law. p. 12.

Ostrovskii, D., Ostrovskii, I. - The element of instantaneousness contained in Article 104 of the criminal code of the R. S. F. S. R. and the position of defense counsels. p. 13.

Grishanin, P., Khlibitsin, T. - Petty hooliganism and its differentiation from the acts of hooliganism which must be prosecuted as a criminal offense. p. 14.

Serdyko, V. - Eviction resulting from the demolition of a house. p. 16.

Riabov, D. - Trial and rehabilitation of juvenile delinquents. p. 18.

Rovinskii, M. - Structure of contractual relations in the delivery of lumber. p. 19.

Abrosimov, V. - An important form of the dissemination of legal knowledge. p. 21.

Ponkskov, M. - The ruling of a comrades court in final. p. 22.

Decisions of the plenary session of the Supreme Court of the U. S. S. R. p. 23.

Lazarov, V. - A wolf (conclusion). p. 27.

Popkov, V. - Problems of socialist legality and justice in the new Constitution of the German Democratic Republic. p. 29.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1958.

Table of contents translated:

Chikhvazde, V. M., Ostrovskii, I. A. - International year of human rights. p. 3.

Chernogolovkin, N. V. - Principal characteristics and values of socialist legal culture. p. 13.

Nikitinskii, V. F. - Concrete sociological studies and the amendment of labor laws. p. 31.

Tassudovskii, V. A. - Legal protection of the results of scientific work. p. 40.

Vorozheikin, E. M. - Subject matter of Soviet family law. p. 49.

Sumarov, I. V. - Criteria and indicators of the effectiveness of punishment. p. 57.

Bogdanov, O. V. - Nuclear adventurism of the U. S. A. and international law. p. 66.

Petrov, G. I. - Subject matter and theoretical aspects of communal administration. p. 75.

Kravtsov, A. K., Ellington, V. N. - The work of business enterprises under the new rules of industrial management. p. 82.

Mezrin, B. N. - Liability of railroads for failure to deliver transport vehicles for loading. p. 88.

Gertsenzon, A. A. - A concrete sociological study of elements of crime. p. 92.

Maksimovskii, V. I. - Correlation between the jurisdiction of the Soviet Union and the Union republics in the field of social relief. p. 102.

Eroshenko, A. A. - Civil law protection of the property of private persons in the U. S. S. R. p. 108.

Mal'ghova, A. I., Vntman, D. P. - Contradictory problems in the exchange of apartments and rooms. p. 111.

Sizakiin, O. T. - Substance and fact in criminal procedure. p. 115.

Senga, S. A. - Organization of economic planning in the noncapitalist countries of Africa. p. 121.

Iotrysh, A. I. - Atomic energy and the present-day patent system of capitalist countries. p. 127.

TSederbaum, I. U. A. - Special rights of workers in the regions of the Far North. p. 131.

Gavrilov, O. A. - A discussion of the problems of scientific information and prognostication in social sciences. p. 141.

Vereshchagin, V. S., Zhukov, G. P. - The Tenth International Colloquy on Space Law. p. 142.

Professor I. I. Ytikhiev's 80th birthday. p. 146.

The 80th birthday of E. A. Flokhits, a meritorious scholar of the R. S. F. S. R. p. 147.

Brief reviews of books published outside the U. S. S. R. p. 159.

New legal literature published in the U. S. S. R. p. 161.

8. EDUCATION

a. GENERAL

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Bulletin [Ministry of Higher and Secondary Specialized Education. Bulletin]. Moscow, no. 8, Aug. 1958.

VOSPITANIE SHKOL'NIKOV [EDUCATION OF STUDENTS]. Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 3, no. 4, 1958.

b. PHYSICAL EDUCATION & GAMES

FIZKULTURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soizuz sportivnykh tovarystv i organizatsii USSR [Union of Sports Associations and Organizations of the Ukrainian S. S. R.]. Kiev, no. 8(842), Aug. 1958. [In Ukrainian]

LECKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.]. Moscow, vol. 14, no. 7(169), July 1958.

SHAKHMATY V SSSR [CHESS IN THE U. S. S. R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U. S. S. R.]. Moscow, no. 7, July 1958.

SPORT V SSSR [SPORTS IN THE U. S. S. R.]. Issued by the Periodicheskii "Sovetski Soizuz" ["Soviet Union"]. Moscow, no. 9(90), 1958.

SPORTIVNAIA ZHIZN' ROSSII [SPORTS LIFE IN RUSSIA]. Organ of Vsesossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii (All-Russian Council of the Association of Sports Societies and Organizations). Moscow, vol. 12, nos. 6-7, 1958.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.]. Moscow, vol. 14, nos. 6-7 (157-159), June-July 1958.

START. Organ of Rakh Soiuza sportivnykh tovarystv i organizatsii Ukrain'skoi RSR [Council of the Union of Sports Associations and Organizations of the Ukrainian S. S. R.]. Kiev, nos. 6-8, June-Aug. 1958.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSTVO KINO [CINEMA ART]. Organ of Ministerstva kul'tury SSSR i Soiuza rabotnikov kinomagnografi SSSR [Ministry of Culture of the U. S. S. R. and the Association of Cinematographic Workers of the U. S. S. R.]. Moscow, no. 9, 1957.

Table of contents translated:

Prizes of the Moscow Film Festival. p. 1.

Year after year. p. 3.

Solan, Peter - Delight, happiness, and animation. p. 13.

Willis, Ted. - Faith in ideals. p. 14.

Plazovskii, Jerzy. - A great lesson. p. 15.

Majewski, Janusz. - After seeing "Chapayev." p. 17.

Vaisel'd, I. - The national and international. p. 10.

Baskakov, V. I. - Controversial remarks. p. 30.

Romanov, A. I. - "8000 new screens." p. 39.

Vartanov, An. - Course of life. p. 41.

Slutski, Boris. - Restraint to circumstances. p. 44.

Khudolnik, Aleksandr. - The screenplay was written by a poet. p. 47.

Roshin', I. I. - Simplicity and philosophy. p. 48.

Kubanov, I. - A portrait. p. 50.

Guslichov, S. - Scientific sociopolitical writings. p. 52.

Kozintsev, G. - History of the screen. p. 55.

Multiplication today. p. 65.
Khursanskii, Kh. - Aesthetics in action. p. 72.
Meeting of friends. p. 51.
Correspondence with readers and auditors. p. 98.
Paramonova, K. - Hospitality of Goltwaldor. p. 101.
Kaziragt, Ugo. Alarming state of Italian motion pictures. p. 106.
From everywhere. p. 113.
Isaev, Konstantin. "The first courier." p. 120.
Kaprakov, Georgii, Tumanov, Semen. - "Under completely different circumstances." p. 138.

KINOMEKHANIKI [MOTION-PICTURE OPERATOR]. Issued by Gosudarstvennyi komitet Sotsialnogo Ministerstva SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, no. 6-7, June-July 1968.

KLUB I KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoyuznyi Tsentralnyi Sovet Professionalnykh Sojuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 17, no. 12, June 1968.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Komitet po kinematografii pri Sotsialnom Ministerstve SSSR i Sojuz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U. S. S. R., and the Union of Motion Picture Workers of the U. S. S. R.]. Moscow, nos. 14-18, July-Aug. 1968.

SOVETSKII FILM [SOVIET FILMS]. Issued by Vsesoyuznoye obshchestvennoye [All-Union Association] "Sovetskii film." Moscow, no. 51321, May 1968.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Gosudarstvennyi komitet Sotsialnogo Ministerstva SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures]. Moscow, vol. 12, no. 1, Jan. 1968.

Table of contents translated:

Komar, V. G. - Scientific-technological progress of cinematography. p. 3.
Automatic link-up of satellites in the orbit. p. 7.
Soviet cosmic system for television transmissions. p. 7.
Rethinov, A. S., and others. - Panoramic television camera of automatic lunar stations. p. 9.
Furdjev, V. V. - Processing of information during stereophonic transmissions. p. 18.
Kalaev, S. I., Anisimov, I. U. S., Zubarev, I. U. B. - Transmission of sound track in non-studio telecasts. p. 23.

Akhin, E. Ia., Zaka, A. S., Epstein, V. P. - Apparatuses of the KPZ set for recording of mono-channel sound tracks. p. 28.
Vendrovskii, K. V., and others. - Apparatus for controlling the uniformity of film blackening. p. 31.

Abriltail, V. L., and others. - Phenidohydroquinone developer for positive films. p. 35.

Shapiro, E. V. - Shooting of wide-screen motion pictures. p. 38.

Marantzhan, G. S. - Objective with vari-focal distance in wide-screen cinematography. p. 40.

Konchik, V. I., Khromov, L. I. - Resolving power of narrow-band small-frame television systems. p. 43.

Akhutin, I. V. - Special features of the transfer characteristics of the differentiating camera tube. p. 47.

Chernyshev, V. S., Shalimov, V. A. - Tracking by the contours of simple figures with the radius-vector tracking scan. p. 60.

All, U. S. - Conversion of the SECAM frequency-modulated color signal to PAL. p. 52.

Vasilevskii, D. P. - International standardization of frequency characteristics of the magnetic sound-recording apparatus. p. 55.

Pokrovskii, V. M., Pokrovskii, A. N. - Modernization of the conductor's stand in a "Gorod"-type apparatus room. p. 61.

Tsimberov, P. I. - Device for switching of film projectors. p. 66.

Fedorov, N. M. - Spring motor for motion picture cameras. p. 68.

Tel'mov, N. I. - Pick-up cameras for colored television. p. 71.

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Sojuz kompozitorov SSSR i Ministerstva kul'tury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.]. Moscow, vol. 11, no. 16(258), Aug. 1968.

SOVETSKIE DOLGOIGRAUSHCHIE GRAMMOPLASTINKI [SOVIET LONG-PLAYING PHONORECORDS]. Moscow, nos. 1, 8-9, 10-12, 1967, nos. 1-4, 1968.

VIST', zhurnal muzychnoto iz myslet'koko zhyttsia. LITERAL: Music and Art Magazine. Issued by Kharkiv "Dnipro" v Teatral'ni, Minsk, Ukrainian Chorus "Dnipro" of the Twin Cities. St. Paul, Minn., vol. 7, no. 2(25), June 1968.

c. THEATER

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Motodeta gvardia" ["Young Guard"]. Moscow, no. 31(47), 1963.

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS]. Organ of Ministerstva kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, nos. 6-8(129-131), June-Aug. 1968.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstva kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.] and others. Moscow, vol. 11, nos. 15-16(241-242), Aug. 1968.

10. FINE ARTS

a. GENERAL

KHUDOZHNIK [ARTIST]. Issued by Sojuz khudozhnikov RSFSR [Association of Artists of the R. S. F. S. R.]. Moscow, vol. 10, no. 6, 1968.

SOVETSKAN ARVEST [SOVIET ART]. Issued by Ministerstva kul'tury Armianskoi SSR i Gosudarstvennyi komitet Sotsialnogo Ministerstva Armianskoi SSR po kinematografii [Ministry of Culture of the Armenian S. S. R. and the State Committee of the Council of Ministers of the Armenian S. S. R. for Motion Pictures]. Erevan, nos. 5-7, 1968. [In Armenian.]

SOVETSKOE FOTO [SOVIET PHOTO]. Issued by Sojuz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, nos. 7-8, July-Aug. 1968.

TVORCHESTVO [CREATIVE WORK]. Issued by Sojuz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, vol. 12, nos. 0-7(130-137), 1968.

b. ARCHITECTURE

STROITEL'STVO I ARHITEKTURA UZBEKISTANA [CONSTRUCTION AND ARCHITECTURE OF UZBEKISTAN]. Organ of Ministerstva stroitel'stva i Gosudarstvennyi komitet Sotsialnogo Ministerstva Uzbekskoi SSR [Ministry for Construction and the State Committee for Construction of the Uzbek S. S. R.]. Tashkent, vol. 8, no. 11, Nov. 1967.

Table of contents translated:
Nasyrov, Kh. M. - Rural builders' report. p. 1.
Azbel', D. M. - Ministry of Construction of Uzbekistan is in the third year of the five-year plan. p. 2.

Kuz'ko, V., Brovstyn, A., Mikhelchikov, M. - Continuous and rapid construction of an elevator in the work tower of a mill combine in Navoi. p. 6.

Filonov, V. Ia. - Reinforced concrete formwork of a reservoir. p. 8.

Trakhtenberg, M. O., Khaltov, V. U. - New method of calculating the requirements in building machinery. p. 6.

Khaltov, R. R. - Some recommendations for organizing technological processes at a plant supplying materials for large-panel house construction. p. 11.

Mogilovskii, M. S., Titarovskii, P. Ia. - Analyzing network schedule graphs. p. 12.

Sintukov, V. K., Lukinskii, O. A. - Sealing joints in pipelines. p. 15.

Sul'kovskii, I. A. - Improving vibrated concrete technology. p. 17.

Krtokov, K. S. - Experience gained from designing and constructing the city of Navoi. p. 20.

Fel'dman, I. L., Dyba, P. B. - Unified electric equipment for municipal buildings. p. 27.

Strel'nikova, M. P. - Concrete made from local materials for reinforced concrete cross-sections. p. 29.

Strizhovskii, M. M. - Synthetics for floors. p. 31.

Fil'man, G. Z. - Selecting optimal large-grained porous aggregates for lightweight concretes. p. 33.

Gershberg, I. D. - Creative genius of youth in the engineering field in honor of the Great October Revolution. p. 37.

Kolobov, G. - Contribution of Baltic builders. p. 39.

Bukharov, I. U. - Chirchik in the anniversary year. p. 42.

Khachaturov, R. A. - To aid managers and legal consultants. p. 43.

Vol. 6, no. 1, Jan. 1968.

Table of contents translated:
Shakhov, A. T., Paramonov, I. M. - For high quality in construction. p. 1.

Martynov, A. I. - Evaluating the efficiency of restoring buildings by instrumental observations. p. 4.

Khaltov, V. U. - Improvement of the capacity of building machinery from cost accounting. p. 7.

Il'mov, S. P. - Mechanized production of lime paste. p. 9.

Pazyrov, I. U. V. - Capacity of draglines on torsalike terrain at Uzbekistan. p. 11.

Dyba, P. B. - Grounding lighting reinforcement in earthquake-resistant apartment and public buildings. p. 16.

Malov, V. S. - Lowering expenditures on air conditioning in systems with low indoor temperatures. p. 18.

Kryukov, K. S. - Issues of the creative associations of Uzbekistan. p. 20.

Isaeva, T. A. - Architectural and design features of dormitories of boarding schools being built in Uzbekistan. p. 25.

Adovakhsyanov, A. A. - Far Eastern houses for cattle-breeding in Uzbekistan. p. 27.

Mirza-Akhmedov, K. - Individual plots of a style farm. p. 30.

Tatov, A., Sindol'man, V. - Increasing the adhesive properties of silica bricks. p. 32.

Chernikov, V. T. - Selection of a power transformer based on the starting current of the electric motor and given voltage drop. p. 34.

Shaidov, V. A. - Dependence of concrete strength on bond with the rubber cement on the parameters of steam curing of thin-walled products. p. 36.

Man'lovskii, L. III. - New contribution to the history of the Eastern architecture. p. 41.

Khachaturov, R. A. - New concept of the economic responsibility of enterprises and organizations. p. 42.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKO-ZNANIU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 0, 1968.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKO-ZNANIU [NEW SOVIET LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-8, 1968.

RUSKII IAZYK V Natsional'noi shkole [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademicheskaya biblioteka obshchestvennykh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, no. 4, July-Aug. 1968.

RUSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Issued by Ministerstvo osv'yebeniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 3, May-June 1968.

UKRAINS'KA MOVA I LITERATURA V SHKOLI [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministerstvo osv'yebeniya RSFSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 10, no. 7, July 1968.

b. LITERATURE & FOLKLORE

ALA-TOO; Literaturam-khulnzheniymy i oshirbesker-no-politicheski zhurnal [ALA-TAI; Literature and Sociopolitical Magazine]. Organ of Sojuz pisatel' Kirgizii i Ministerstva kul'tury Kirgizskoi SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S. S. R.]. Frunze, vol. 37, no. 7, July 1968. [In Kirgiz.]

DAIGAI [DAIKAI]. Umm-Ule, no. 3, May-June 1969. [In Turyai.]

DETSKAIA LITERATURA [CHILDREN'S LITERATURE]. Issued by Komitet po pechatii pri Sotsialnom Ministerstve RSFSR i Sojuz pisatel' RSFSR [Committee for Printing, Attached to the Council of Ministers of the R. S. F. S. R., and the Association of Writers of the R. S. F. S. R.]. Moscow, vol. 3, no. 8, 1968.

ENISEI; literaturno-khudozheniymy i oshirbesker-no-politicheski zhurnal [ENISEY; Literary Almanac]. Organ of Kraevskoye obshchestvennoye Sojuz pisatel' RSFSR [Kraevskoye Branch of the Association of Writers of the R. S. F. S. R.]. Krasnoyarsk, no. 6, Nov.-Dec. 1967.

12. GEOGRAPHY & GEOLOGY

b. GEOGRAPHY

GEOGRAFIKESKOE OBSHCHESTVO SSSR. Izvestiya
[GEOGRAPHIC SOCIETY OF THE U. S. S. R. Bulletin].
Moscow, vol. 100, no. 2, 1968.

Table of contents translated:

- Azhigeli, G. D. - Some new ideas on the geology of the earth's mobile belt and the hypothesis of the drift of continents. p. 97.
Khamtsov, N. A. - Solar activity and the perennial fluctuations of atmospheric processes. p. 103.
Slushin, V. F., and others. - Geochemical characteristics of sands in the lower Volga Valley as related to their utilization in agriculture. p. 109.
Sidorov, L. P. - Aeolian processes and formation of the surface of the Pamir Highland in the Holocene period. p. 116.
Kallertel'd, G. N., Frolov, P. M. - Underground waters of the planet Mars. p. 123.
Ilyutskii, A. B. - Slippic "saucers" of the Volynian-Podolian Plateau and their origin. p. 125.
Gergetova, B. A. - A landform classification of karst caves. p. 128.
Denslav, E. P., Nikol'skaya, V. V. - Late glacial period in the Amur Valley. p. 132.
Pavlov, A. N., Greiser, E. L. - Possibility to estimate the absolute age of alluvial formations by the erosive and accumulative parameters of a river. p. 135.
Bunatov, I. G. - Ancient storelines in the western Baysk-Kul Depression. p. 137.
Kilueva, V. A. - Genetic types and dynamics of the shores of the Tsimlyansk Reservoir. V. A. Kilueva, p. 139.
Galiiskii, V. I. - Geomorphology of the Vorzkh Valley. p. 143.
Lavrov, A. S. - Upper Pleistocene lakes in the Pechora, Vychegda, and Mezen' Valleys. p. 146.
Rzhakinskaya, M. V. - Some geochemical characteristics of surface waters in the Kabardino-Balkar A. S. S. R. p. 152.
Chikotin, A. N., Shal'nev, V. A. - Some characteristics of the radiation schedule of meadow associations. p. 164.
Ishakov, A. A. - Snow cover of the western Tien Shan according to the data of surveys in the Kyzylta Valley. p. 158.
Fed'khan, E. S. - Medicogeographical studies in the Moldavia U. S. R. p. 162.
Rakul'skiy, K. V. - Some laws and methods of studying the geography of the natural foci of plague on the plains of the desert zone. p. 166.
Kraiber, N. P. - An offer to P. A. Kropotkin to head the Department of Geography of Moscow University. p. 171.
Ishchenko, U. A. - Basic regions of banana growing in Ecuador. p. 174.
Rappe, Yu. S. - Measurement of the electric parameters of materials with a big t₆₆ by using self-oscillating resonant circuits. p. 180.
L'vovich, M. I., and others. - Arsenii Vladimirovich Shalimov. p. 187.
Aleksandr Ilyichovich Il'f and others. p. 187.
Antonov, M. A. - A conference on the problems concerning the study and protection of the otter duck. p. 189.

LENINGRAD. ARKTIKESKII I ANTARKTIKESKII
NAUCHNO-ISSEDOVATELSKII INSTITUT. Tрудy
[ARCTIC AND ANTARCTIC SCIENTIFIC RESEARCH
INSTITUTE. Transactions]. Vol. 271, 1968. Meteorological conditions in the Arctic during the IQSY.

Table of contents translated:

- Dolgin, I. M. - Study of the atmosphere in the Arctic during the IQSY. p. 5.
Prik, Z. M. - Variations of the climate of the Arctic and their causes. p. 10.
Marshanova, M. S., Chornigovskii, N. T. - Characteristics of radiation conditions in the Arctic during the IQSY. p. 22.
Chornigovskii, N. T. - Solar radiation penetrating the snow and ice cover and the upper layers of the water of the Arctic Ocean. p. 36.
Urkhagin, N. N. - Duration of sunshine and its anomaly during the IQY and IQSY in the Arctic. p. 50.
Gavrilova, L. A., Diukhin, I. A. - Interrelationship of the temperature between two layers of the atmosphere in the Arctic during the IQSY. p. 60.
Dolgin, I. M., Diukhin, I. A. - Temporary statistical structure of the height of the tropopause in the Arctic during the IQY and IQSY. p. 71.
Barova, L. P., Shilpesh, N. V. - Topography of the tropopause in the Arctic in 1964. p. 61.
Karinova, G. U. - Some characteristics of ozone content in the polar regions during the IQSY. p. 93.
Danilova, V. M., Sokolov, S. I. - Intradiurnal variability of temperature and pressure in the Arctic during the IQY and IQSY. p. 99.
Zavialova, I. N., Sergeeva, G. G. - Variability of wind over the western region of the Arctic during the IQSY. p. 110.

- Timorev, A. A. - Charges in total radiation with height in the free atmosphere of high latitudes. p. 119.
Kuvrova, A. M. - Study of turbulent exchange in the Arctic. p. 123.
Gol'tsman, M. I. - Methodology for the measurement of air humidity. p. 132.

OKFANOLOGIA [OCEANOLOGY]. Issued by Okeanograficheskaya komissiya Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 8, no. 1, Jan.-Feb. 1968.

Table of contents translated:

- Kaplo, P. A., and others. - Characteristics of the structure and history of the development of the upper part of the shelf and coastal zone of recent seas in the Holocene. p. 3.
Navrotsky, Y. V., Kazachkina, L. I., Navrotskaya, S. E. - Some results of studying spatial temperature heterogeneity. p. 14.
Nazarov, V. S. - Continuity and distribution of temperature anomalies of the ocean surface. p. 23.
Filipov, D. M., Navrotskaya, S. E., Matveeva, Z. N. - Depth of the autumn-winter convection in the North Atlantic based on average data over a period of many years. p. 26.
Kharchenko, A. M. - Currents and water masses of the East China Sea. p. 38.
Fedorova, Z. P. - Transfer of salts through the Bering Strait to the Chukchi Sea. p. 49.
Arsen'ov, V. S., Vollov, V. I. - Relative transparency and color of waters in the Bering Sea. p. 55.
Ludshin, I. I. - Calcium carbonate saturation in waters of the Pacific Ocean. p. 58.
Bordovskii, O. K. - Organic matter in iceberg sediments of the eastern Arctic. p. 69.
Zigahin, V. S. - Dynamics of the accumulation of radioactive aluminum by some brown algae and the effect of the seawater salinity on the coefficient of accumulation. p. 78.
Litvin, V. M. - Geomorphology of the mid-oceanic ridge in the Norwegian and Greenland Seas. p. 86.
Agapova, G. V. - Relationship between inclination angles of the sea bottom and values of effective coefficients of sound collection. p. 94.
Belanova, T. V. - Distribution and amount of diatoms of the genus *Rhizosolenia* Caster. in the plankton and bottom sediments of the Pacific Ocean. p. 102.
Belanova, N. V. - Quantitative distribution of plankton *Foraminifera* tests in recent sediments of the Pacific Ocean. p. 111.
Zgurovskaya, L. N., Kuznetsova, M. U. - Effect of ammonia nitrogen on cell division, photosynthesis and the accumulation of pigments of *Skeletonema costatum* (Grev.) Chlorella sp. and *Theronomococcus* m. Ehr. p. 116.
Slavskaya, E. A. - Calculation of the production of copepods based on their metabolism regularities and the coefficients of the utilization of the assimilated food for growth. p. 126.
Pervushin, A. S. - Observations on the behavior and feeding of walrus whales in the region of the Crozet Islands. p. 130.
Morozov, V. M., Drulov, A. A. - Multichannel wire wave gauge. p. 146.
Kozan, B. A. - Measurement of seawater temperature using a photothermograph. p. 153.
Lomachenkov, V. S., Simsonov, K. P. - Using the "Pallus-M" hydroacoustic station for geological and geomorphological studies. p. 158.
Polozov, V. D. - Two viewpoints concerning water temperature anomalies at the eastern coast of the middle Caspian. p. 161.
Nurmamagomedov, G. N. - Origin of cold waters in surface layers at the western coast of the middle Caspian. p. 165.
Kovalovskaya, N. D., Lubny-Gortayk, E. A., Pasternak, F. A. - Biological studies during the first experimental voyage of the research vessel "Akademik Kurchatov." p. 169.
In memory of Ivan Stepanovich Isakov. p. 173.

REFERATIVNYI ZHURNAL: GEOGRAFIYA [JOURNAL OF
ABSTRACTS: GEOGRAPHY]. Issued by Vsesoyuznyi
institut nauchnoi i tekhnicheskoi informatsii [All-
Union Institute of Scientific and Technical Information].
Moscow, no. 8, Aug. 1968.

VOKRUG SVETA [AROUND THE WORLD]. Issued by
Tsentrallyi komitet Vsesoyuznogo leninskogo
kommunisticheskogo soluzna molodezhi [Central Com-
mittee of the All-Union Communist Youth League of
Lenin]. Moscow, nos. 6-8, June-Aug. 1968.

c. GEOLOGY & PALEONTOLOGY

AKADEMIYA NAUK ARMIAANSKOI SSR, Eriyan. Izvestiya
Nauki o zeme [ACADEMY OF SCIENCES OF THE
ARMENIAN S. S. R. Bulletin. Earth Sciences].
Eriyan, vol. 20, no. 5/6, 1967.

Table of contents translated:

- Arakellian, R. A., and others. - Development of geological knowledge and expansion of mineral resources of the Armenian S. S. R. during the years of the Soviet regime. p. 3.

- Paffengol'ts, K.N. - Precambrian of the Caucasus. p. 22.
- Aslanian, A.T. - Some problems of the seismology of the Armenian Upland. p. 36.
- Shirintan, K.G. - Possible abyssal conditions of the areal volcanism of Armenia. p. 42.
- Gullan, E.Kh. - Altered rocks of the northern slope of the Bargusht Ridge and their prospecting significance. p. 55.
- Paronikyan, V.O. - Geochemistry of precious and some rare elements in pyrite and complex metal ore formations of the Armenian S.S.R. p. 66.
- Pidzhian, G.O. - Characteristics of the distribution of selenium and tellurium in ores of the copper-molybdenum deposits of Armenian S.S.R. p. 81.
- Nadalian, S.V., Vartanian, G.M., Gazarian, G.O. - Geophysical prospecting for deep-seated ore bodies in pyrite deposits of Armenia. p. 98.
- Dolekanova, N.I., Tolstikhin, N.I. - Scheme of structural and hydrogeological regionalization of the Armenian S.S.R. p. 104.
- Kocharian, A.G. - Some characteristics of the formation of secondary talos of the dispersion as revealed by a study made in the Martaketsky complex metal deposit. p. 110.
- Bagdasarian, A.B. - Geographical sciences in Soviet Armenia, results of work, prospects for development. p. 119.
- Zubian, G.D. - Aerological characteristics of the atmosphere over Armenia. p. 127.
- Kartashian, R.A. - Determining the possible continuance of sunshine with a closed horizon. p. 136.
- Aleksandrian, G.A. - Considering a heterogeneous series of observations made by rain and precipitation gauges. p. 142.
- Mkhitarian, A.M., Pakchanyan, G.G., Tamazian, A.A. - Determining evaporation in the Armenian S.S.R. p. 151.
- Abramyan, G.S. - Paleogeographical analysis of the distribution of forests in the Armenian S.S.R. p. 165.
- Ananian, A.L., Dozolan, O.A., Sarkisyan, A.A. - New type of thermal water in the Armenian S.S.R. p. 173.
- Barikyan, P.M. - Role of placers in the solution of problems in the geology and metallogeny of the Armenian S.S.R. p. 170.
- Arutunyan, Zh.G. - Seasonal characteristics of the wind regime in the Armenian S.S.R. p. 185.
- Gevorkian, F.S., Melikyan, R.V. - Practice in compiling orographic maps as exemplified in the Armenian S.S.R. p. 192.
- Malhasian, E.G. - International forum of scientists of the history of geology. p. 197.
- Magak'yan, I.O. - Results of the 24 International Symposium on the Genesis of Ores. p. 203.
- AKADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriya nauk o zemle [ACADEMY OF SCIENCES OF THE AZERBAIDZHAN S.S.R. Bulletin. Series in the Earth Sciences]. Baku, no. 8, 1967.
- Table of contents translated:
- Salaev, S.C., Solommonov, D.M., Tagirov, G.A. - Hydrochemical characteristics of the formation waters of the Siazan' deposit of the Caspian-Kuban region. p. 3.
- Khatibelli, Ch.A., and others. - Geological structure of the Kamen' Ignariya Upland (Dzheyranchekmiz-Kura Archipelago) and prospects for finding oil and gas. p. 12.
- Azizbekov, Sh.A., Veliev, M.M., Potapova, E.I. - Gerdarinsk subvolcanic intrusive (Gorny Talysh). p. 18.
- Keshkai, M.A., Azadalliev, Dz.A. - Some problems of mineralization in the Dashkesan skarn-iron deposit. p. 27.
- Akhmedov, G.G. - Granulometry and mechanical differentiation of sands of the southwestern coast of the Caspian Sea. p. 35.
- Khesin, B.E., Saitarov, I.Kh. - Effectiveness of gamma logging in the Filizchay and Dashkesan ore zones. p. 43.
- Sultanov, D.A. - Lithology and physicochemical properties of clay rocks of the Apsheon stage in central Azerbaijan. p. 47.
- Gadzhiev, R.A. - Regime of hydrogeological regionalization of the Apsheon Peninsula. p. 54.
- Magerinnova, S.G. - Brief synoptic and climatic characteristics of July (especially anomalous hot days, July 16-17) 1966 in Azerbaijan and particularly in the Apsheon Peninsula. p. 60.
- Nekhtilov, N.N., Khalilov, A.I. - Recent processes of the development of the coastal area of the Caspian Sea within Cape Kilyazinskaya. p. 64.
- Kuliev, A.M., Ilmusov, I.A.G. - Hydrodynamic calculation of the exploitation of multilayer water drive pools. p. 71.
- Dzhattilov, K.N., Suleimanov, I.A.M. - Movement of fluid particles on any line of current in the presence of inclusions in a layer. p. 77.
- Hadashov, N.O., Kuliev, S.M. - Possibility of increasing the drilling rate in rotary drilling. p. 84.
- Abdinnur, M.A., Suleimanov, I.A. - Determining additional outside pressure on a casing string during temperature changes. p. 90.
- Results of the Colloquium on Tectonics of the Alpine Fold Area in Iran and Turkey in May and June 1967. p. 97.
- AKADEMIA NAUK Gruzinskoi SSR, Tbilisi. Geologicheskii institut. Trudy. Novaya seriya [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Geological Institute. Transactions. New Series]. Tbilisi, no. 18, 1967. Some problems of the stratigraphy and fauna of Mesozoic and Cenozoic sediments of Georgia. Table of contents translated:
- Zessashvili, V.I. - Stratigraphy of Lower Jurassic sediments in southeastern Georgia. p. 5.
- Koteliashvili, E.V. - Materials of the stratigraphy and fauna of the Cretaceous volcanic formation of the Adzhar-Trialet fold system. p. 28.
- Gambashidze, R.A. - Some mollusks and echinoderms from Upper Cretaceous sediments of Georgia. p. 54.
- Ananashvili, G.D. - Stratigraphy of Lower and Middle Miocene sediments of Lechkhumi. p. 81.
- AKADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Geological Series]. Alma-Ata, vol. 25, no. 2, Mar. - Apr. 1968.
- Table of contents translated:
- Vedernikov, N.N. - Genetic and commercial types of asbestos deposits of Kazakhstan. p. 1.
- Birukov, M.D., Voskoboynikov, M.E., Sinyov, P.F. - Neogene stratigraphy of Kazakhstan. p. 11.
- Aksent'eva, N.V., Gukhen'ki, V.I.A. - Age and the division of the Kaydan series in the Bayanul region. p. 20.
- Kurbanov, M.S., Guseinov, G.A., Is'kov, B.M. - Zonality of primary halos of associated minerals of gold-ore deposits in Kazakhstan. p. 31.
- Kurbanov, S.B., Zhiyarkhanov, S.Zh. - Determination of the actual velocity of the movement of underground waters in fractured reservoir rocks. p. 42.
- Safargaliev, V.G., and others. - Variants of the cycle of cadasters of nonferrous metal deposits in Kazakhstan. p. 48.
- Tosadokhta, A.S., Dal'yan, I.D., Sargoeva, T.S. - Aften sediments of the eastern margin of the Caspian Lowland. p. 49.
- Aldanova, S.A. - Lithology of Jurassic sediments of the Uzun' deposit. p. 61.
- Qieksenko, V.P. - Some problems of the Late Pliocene history of northern Mungaylak. p. 66.
- Bekasov, V.S., Matev, V.M., Mos'kina, O.D. - Stratotypic cross section of the Lower Quaternary of the Altai portion of the Itey Valley. "Ostraya Sopka." p. 66.
- Melnikova, V.L. - Dravonite from Kazakhstan. p. 62.
- Ivanova, E.I., Zhilinskaya, I.I. - Distribution of accessory minerals in rocks of the Orin Massif. p. 67.
- Gel'm, I.I., D'lushchenko, N.P. - Some data on the distribution of copper in intrusive rocks of the Sayak copper deposit. p. 71.
- Zhurbitski, B.I. - Some problems of the stratigraphy and physical properties of rocks of the Upper Paleozoic of the region of the Dzhezkazgan syncline. p. 73.
- Patukha, E.I. - Experimental reproduction of schistosity in an isotropic equivalent material. p. 78.
- Gol'dshmidt, V.I. - Second Siberian Conference on the Application of Mathematical Methods and Electronic Computers in Geology and Geophysics. p. 89.
- AKADEMIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut geologicheskikh nauk. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Geological Sciences. Transactions]. Alma-Ata, vol. 23, 1968. Lower Mesozoic coal-bearing sediments of Kazakhstan. Table of contents translated:
- Kushav, G.L. - Outline of the distribution of Mesozoic coal-bearing sediments in Kazakhstan. p. 3.
- Murakhovskaya, E.I. - Spore-pollen complexes of Lower Mesozoic sediments of basic depressions of eastern Kazakhstan and their stratigraphic significance. p. 16.
- Orlovskaya, E.I. - Lower Mesozoic flora of eastern Kazakhstan. p. 64.
- Buvalkin, A.K. - Geology and conditions governing the formation of the Upper Jurassic sediments of southern Kazakhstan. p. 81.
- Murakhovskaya, E.I. - Spore-pollen complexes of Upper Jurassic sediments of eastern Kazakhstan. p. 111.
- Sakulina, G.V. - Spore-pollen complexes of Upper Jurassic complexes of southern Kazakhstan. p. 119.
- Buvalkin, A.K. - Geology and conditions governing the accumulation of coal-bearing sediments of the Lenger deposit. p. 125.
- GEOKHIMIYA [GEOCHEMISTRY]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 2, Feb. 1964.
- Table of contents translated:
- Isaev, V.V., Belov, N.V. - Crustal chemistry of titanium, zirconium, niobium and zirconium oxides. p. 91.
- Tols, R.V., and others. - Standards for the determination of temperatures according to the decomposition of oxygen of organogen carbonate. p. 102.
- Tashchenko, M.L., Varshavskaya, E.S., Murat, M.M. - Abanito age of granitoids of the Acher intrusion (northern part of the Lake Balka region according to data of the Rb-Sr method. p. 103.
- Kogarko, L.N. - Geochemistry of fluorite in alkali rocks as revealed by a study made on the Lower Massif. p. 119.
- Voskresenskii, N.T., Pol'tman, V.I. - Behavior of rubidium and lithium in processes of metamorphism in alkali granitoids of the Tajik Massif (central Tianshan). p. 128.
- Leonova, L.L., Khasanova, R.B. - Behavior of iron in the process of low-temperature hydrothermal metamorphism as revealed by a study made on Kyzyl-Ompul intrusion (northern Tien Shan). p. 131.
- Vukhshov, V.A., Arshinov, N.V. - Characteristic of the distribution of germanium in magmatic of different origin. p. 143.
- Omarin, A.A., Zalkut, I.E. - Geochemistry of boron in supagitic processes. p. 149.
- Fomin, A.S., Nappin, L.A. - Nature of nitrogen of the organic matter in diatomite slates. p. 155.
- Krasnaya, V.V. - Geochemistry of rhombic and bromine. p. 171.
- Staritskiy, F.V. - Use of microelements for the stratigraphic division of Mesozoic effusive formations of eastern Tianshan. p. 178.
- Kafkha, D.V. - Role of strong electrolyte systems in magmatic-hydrothermal solutions. p. 181.
- Suchoblin, V.V. - First International Conference on Problems of Radiogenic Geochemistry. p. 181.
- Summaries of the principal articles in "Geochemistry of Cosmochemistry Acta" 27, nos. 2, 3 (February-March) 1963. p. 188.
- No. 4, Apr. 1968.
- Table of contents translated:
- Chernyshev, V.V., and others. - Platinum-239 in nature. p. 305.
- Drozdevskaya, A.A., Mel'nik, I.P. - New experimental and calculated data on the migration of thorium under magmatic conditions. p. 402.
- Smirnov, N.P., Nesterov, O.V., Afanas'ev, A.L. - Forms of occurrence of nickel and cobalt in basic rocks. p. 411.
- Voskresenskii, N.T., Zverova, N.F. - Some problems of the geochemistry of gold in connection with the ore potential of igneous rock complexes in northern Kazakhstan. p. 422.
- Nannov, V.D., Matishin, B.D. - New method for the determination of pressure by gaseous-liquid inclusions. p. 432.
- Dzhilov, B.T. - One of the causes of the vertical zonality of elements in magmatic ore deposits, as revealed by a study made in the Karakumir Mountains. p. 442.
- Gogolashvili, V.G., Klimenko, A.H., Amirbekova, N.O. - Synthesis of mineral from acid volcanic glasses under hydrothermal conditions. p. 446.
- Demon'ev, V.S., Byrmanikov, N.O. - Conditions governing the formation of the sorption barrier of the migration of uranium under oxidizing circumstances. p. 450.
- Kozlov, A.N. - New data on the geochemistry of strontium. p. 460.
- Gol'dberg, I.S., Chernikov, K.A. - Nature of the lithium potential of alkali and ultrabasic rocks from the northern part of the Siberian Platform. p. 470.
- Ivanov, A.V., Florinskii, K.P. - Cosmic spherules in Lower Permian salt sediments. p. 483.
- Oslapenko, G.T., Khochikov, L.N. - Equilibrium of matter transition from one phase to another at an isochoric change of temperature in the closed system liquid - vapor. p. 485.
- Tolstakov, M.V. - Alkali-earth elements in sedimentary rocks of the West Siberian Plain. p. 489.
- Kadyrov, N.D., and others. - Isotopic composition of uranium and content of actinium in minerals and natural waters. p. 492.
- Samoilovich, M.I., Novozhilov, A.I., Darsanov, O.P. - Electron paramagnetic resonance in irradiated crystals of zircon with different admixtures. p. 494.
- Vinokurov, V.M., Tikhvintseva, R.S. - Electron paramagnetic resonance of Mn²⁺ in afluorite. p. 494.
- Martunin, A.S., Mkrichan, A.R. - Mossbauer effect on Ba¹³⁷ nuclei in stannite. p. 498.
- Karachkovskaya, A.N. - Preliminary data on the thermoluminescence of phenacite. p. 500.
- Summaries of the principal articles of "Geochemistry of Cosmochemistry Acta," vol. 31, no. 10, 1967. p. 508.

- Doclova, E. I. - Research in the field of isotopic geology; 5th International Symposium on Stable Isotopes held in Leipzig. p. 617.
- GEOLOGICHESKIY ZHURNAL [GEOLOGICAL JOURNAL].** Issued by Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya [All-Union Scientific Research Institute of Mineral Resources]. Moscow, no. 31, 1967.
- Table of contents translated:
- Geological conditions governing the occurrence of amazonite granites. p. 7.
- Interrelationship of the formation processes of amazonite and the metasomatic alteration of granites. p. 18.
- Some conclusions from geological observations. Experimental data. p. 20.
- Petrographic characteristics of amazonite granites. Amazonitization and regulation of potassium feldspar. p. 26.
- Some geochemical characteristics of amazonite granites. Regime of acidity-alkalinity in amazonitization processes. p. 39.
- Relation of amazonitization processes to rare metal mineralization. Significance of amazonite granites as a prospecting indication and prognostic-evaluation criterion. p. 62.
- Conditions and practical significance of the amazonitization process (supplement). p. 66.
- No. 33, 1967. Miocene-fluorite-beryllium deposits, an important type of beryllium resource. Table of contents translated:
- Zabolotnaya, N. P., Kurbanova, I. I., Shipanov, E. P. - Muscovite-fluorite-beryllium deposits (in alkaline-calcareous rocks). p. 6.
- Zabolotnaya, N. P., Novikova, M. I. - Diatle-fluorite-beryllium deposits (in granite diorites). p. 7.
- Novikova, M. I., Shalekova, V. T. - Some characteristics of the mineralogy of muscovite-fluorite-beryllium and diatle-fluorite-beryllium deposits. p. 129.
- Zabolotnaya, N. P. - Conclusion. p. 183.
- LITERATURE. p. 188.
- LENINGRAD. VSESOTRUZNYI GEOLOGICHESKIY INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions].** Vol. 123, 1967. Geology of the Tugay Gates and Ural Mountain region. Table of contents translated:
- Pospelova, A. S. - Carboniferous sediments of the northern part of the Tugay Gates. p. 6.
- Nikulin, V. G. - Stratigraphy of Cretaceous and Paleogene sediments in the northwestern part of the Tugay Gates. p. 23.
- Dronev, V. A., and others. - Upper Paleogene sediments of northern Ustyurt and the Chagrayevskoye Plateau. p. 33.
- Korobkov, A. I. - Age and relationship of the Ashchebayrsk and Chagan series of northern Ustyurt and the Uzunbask series of the Mangyshlak Peninsula. p. 62.
- Dronev, V. A., Zhilin, S. O. - Oligocene sediments of the northern coast of Porovskiy Bay (Aral Sea). p. 74.
- Doboclova, A. A., Maderat, U. N. - Age interrelationships of series in the Pifosco of Turgay. p. 101.
- Uragin, A. A. - New data on the stratigraphy of Pifosco-Quaternary sediments of the Tugay Gates. p. 188.
- Kislov, L. I., Sachin, A. P. - Geological position of ultrabasic of the Izgiz Valley (southwestern Turgay). p. 113.
- Teterov, G. M. - Oil and gas potentials of the Turgay Gates. p. 122.
- Kirpat', G. R. - Horizontal zonality of the distribution of basic ore-forming components of the Arkalyk bauxite deposits. p. 131.
- Krivtsov, A. I. - Some problems in the theory of bauxite formation. p. 139.
- Shabotovskiy, V. D. - Some characteristics of the distribution of niobium and tantalum in granite intrusions of the eastern margin of the Turgay Gates. p. 174.
- Ivanov, V. A., Goriach, V. F. - Hydrology of the northern part of the Turgay Gates. p. 180.
- Krivtsov, A. I. - Methodology for compiling prognostic maps of Mesozoic bauxites as revealed by a study made in the Ural and northwestern Kazakhstan. p. 203.
- Vol. 132, 1968. Materials on the geology and petrography of coals of the U.S.S.R. Table of contents translated:
- Val's, I. E., and others. - Classifications of microelements and petrographic types of humus coals. p. 6.
- Petrovskiy, G. D. - Criticism of the principles of classifying humus coals. p. 18.
- Sarbova, L. I. - Terminology of coal petrography. p. 25.
- Petrovskiy, G. D., Tokarev, V. P. - Role of starting vegetation material, medium, and mineral substances in the process of ore formation. p. 39.
- Krylova, N. M., Alekseeva, A. B. - Alteration of coals under the effect of igneous rocks. p. 49.
- Val's, I. E., Krylova, N. M., Kravtchenko, V. V. - Composition and properties of the goldified substance of coals. p. 61.
- Nefed'eva, L. P. - Problems of genetic and lacies trends in the petrography of coals in the U.S.S.R. p. 72.
- Volkova, I. B. - Facies analysis in the petrology of coals. p. 80.
- Lapo, A. V. - Study of gelified substance in deep separation of coals; as revealed by a study of Aldan-Chul'man coals. p. 91.
- Ivanov, G. A. - Determination of the concept "coal-bearing formation." p. 104.
- Konkova, V. I. - Nature of structures of coal-bearing depressions of Transbaikalia. p. 110.
- Ishina, T. A. - Variegated sediments of Jurassic coal-bearing formation of Mangyshlak and their relation to the tectonic regime. p. 123.
- Zhil'sov, I. K. - Geology and the coal potential of the southeastern (Lako Balkan) part of the Irkutsk Coal Basin. p. 130.
- Nefed'eva, L. P. - Genetic types of coals of the Ekibastuz Coal Basin. p. 139.
- Bogdanova, L. A. - Petrographic characteristics of coals of the Litsyanka-Valek deposit in the Noril'sk region. p. 152.
- Dzens-Litovskaya, O. A. - Petrographic characteristics of coal formations of the Urgal'skoye deposit of the Durova Basin. p. 164.
- Luehshchik, G. M. - Petrographic characteristics of coals of the central part of the Tuguska Basin in the lower Chungay Valley. p. 187.
- Korzhenevskaya, E. S., Alekseeva, A. B. - Some features of the petrographic and chemical characteristics of coals of the Aldan-Chul'man region. p. 295.
- Dronev, I. N. - Starting vegetation material of southern Yakutian coals and the nature of its alteration. p. 228.
- Volkova, I. B. - Petrographic characteristics of Jurassic coals of northeastern Kazakhstan. p. 245.
- Saprykin, F. A., and others. - Some problems of the genesis of the rare metal mineralization of coals. p. 258.
- Olnzberg, A. I. - Features of the petrographic composition of Paleogene brown coals of the European part of the U.S.S.R. and distribution of microelements in them. p. 264.
- Fokina, E. I., Khilina, I. V. - Some features of the distribution of germanium in a coal formation. p. 286.
- Chislukova, A. S. - Preparation of transparent polished sections from coal. p. 285.
- Vol. 143, 1968. Problems in stratigraphy and paleogeography. Annual session of the Scientific Council of the All-Union Geological Research Institute, May 5-8, 1968. Table of contents translated:
- Introductory address of E. T. Shakhov, Chairman of the Scientific Council of the All-Union Geological Research Institute. p. 3.
- Nekhoroshev, V. P. - Ninety-fifth birthday of Nikolai Nikolaevich Yakovlev, oldest member of the Geological Committee of the All-Union Scientific Research Institute. Corresponding Member of the Academy of Sciences of the U.S.S.R. p. 5.
- Voroshchagin, V. N. - Main results of the activity of the interdepartmental stratigraphic conferences in the U.S.S.R. and problems in the field of the further development of the stratigraphic basis for geological surveying. p. 11.
- Zhamoida, A. I., Menor, V. V., Miklukho-Maklai, A. D. - Instructions for stratigraphic nomenclature. p. 20.
- Petrovskaya, I. M. - Methodology of the correlation and determination of the age of different facies sediments. p. 31.
- Botsova, E. P., and others. - Problems of the methodology of the correlation of different facies sediments as revealed by a study of the Paleogene of the Turgay Trough, the southern part of the West Siberian Plain, Ustyurt, the Ural Mountain region, and Fergana Depression. p. 37.
- Voroshchagin, V. N., Sal'nikov, B. A. - Principles and methods of the study of key stratigraphic cross sections as revealed by a study made in the typical stratigraphic cross section of the Upper Cretaceous of the Pacific biogeographic region (Sakhalin). p. 46.
- Berlin, T. S., Khabakov, A. V. - Magnesium content in calcite rostra of *Belomatella* as an indicator of temperatures in habitats in the Cretaceous seas of the U.S.S.R. p. 59.
- Markovskiy, B. P. - Methods of biofacies analysis (theses). p. 68.
- Reporis, pp. 70-72, 124-127, 181-183, 249-261.
- Shlop, L. I. - Problems in the creation of a unified scale of the Precambrian; expansion papers. p. 73.
- Doclova, E. I. - Research in the field of isotopic geology; 5th International Symposium on Stable Isotopes held in Leipzig. p. 617.
- GEOLOGIJA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS].** Issued by Sibirskoe otdelnoye Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 10(94), Oct. 1967. Table of contents translated:
- Science and mineral resources of Siberia and the Far East. p. 3.
- Polladi, E. E. - Development of geophysical research in Siberia and the Far East. p. 21.
- Sokolov, B. S. - Late Precambrian and Paleozoic of Siberia; some general problems of stratigraphy. p. 38.
- Saka, V. N. - Results and problems in the study of the Mesozoic and Cenozoic of Siberia. p. 51.
- Kosygin, I. U. A., Bogolepov, K. V. - Tectonic studies in Siberia. p. 64.
- Vorozin, I. U. A. - Studies connected with the application of mathematical methods and electronic computers in geology. p. 76.
- Puzryev, N. N. - State of seismic methods in the study of the earth's crust and upper mantle. p. 82.
- Solomonov, V. P., Trotskov, A. A. - Results and prospects of seismic studies in Siberia. p. 93.
- Gorobkov, G. S., Naboko, S. I. - Development of Russian volcanology. p. 100.
- Kuznetsov, I. U. A., Ianshin, A. L. - Granitoid magmatism and tectonics. p. 108.
- Pinus, G. V., Velnitskiy, V. V. - Alpine-type ultrabasic belts of the western part of the fold area surrounding the Pacific Ocean. p. 122.
- Govorov, I. N. - Contact metamorphism of granitoid intrusions and its thermodynamics. p. 135.
- Trotskov, A. A., and others. - Irkutsk oil- and gas-bearing basin. p. 162.
- GEOLOGIA MESTOROZHDENII REDKIMI ELEMENTOV [GEOLOGY OF RARE-ELEMENT DEPOSITS].** Issued by Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya [All-Union Scientific Research Institute of Mineral Resources]. Moscow, no. 31, 1967.
- Table of contents translated:
- Geological conditions governing the occurrence of amazonite granites. p. 7.
- Interrelationship of the formation processes of amazonite and the metasomatic alteration of granites. p. 18.
- Some conclusions from geological observations. Experimental data. p. 20.
- Petrographic characteristics of amazonite granites. Amazonitization and regulation of potassium feldspar. p. 26.
- Some geochemical characteristics of amazonite granites. Regime of acidity-alkalinity in amazonitization processes. p. 39.
- Relation of amazonitization processes to rare metal mineralization. Significance of amazonite granites as a prospecting indication and prognostic-evaluation criterion. p. 62.
- Conditions and practical significance of the amazonitization process (supplement). p. 66.
- No. 33, 1967. Miocene-fluorite-beryllium deposits, an important type of beryllium resource. Table of contents translated:
- Zabolotnaya, N. P., Kurbanova, I. I., Shipanov, E. P. - Muscovite-fluorite-beryllium deposits (in alkaline-calcareous rocks). p. 6.
- Zabolotnaya, N. P., Novikova, M. I. - Diatle-fluorite-beryllium deposits (in granite diorites). p. 7.
- Novikova, M. I., Shalekova, V. T. - Some characteristics of the mineralogy of muscovite-fluorite-beryllium and diatle-fluorite-beryllium deposits. p. 129.
- Zabolotnaya, N. P. - Conclusion. p. 183.
- LITERATURE. p. 188.
- LENINGRAD. VSESOTRUZNYI GEOLOGICHESKIY INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions].** Vol. 123, 1967. Geology of the Tugay Gates and Ural Mountain region. Table of contents translated:
- Pospelova, A. S. - Carboniferous sediments of the northern part of the Tugay Gates. p. 6.
- Nikulin, V. G. - Stratigraphy of Cretaceous and Paleogene sediments in the northwestern part of the Tugay Gates. p. 23.
- Dronev, V. A., and others. - Upper Paleogene sediments of northern Ustyurt and the Chagrayevskoye Plateau. p. 33.
- Korobkov, A. I. - Age and relationship of the Ashchebayrsk and Chagan series of northern Ustyurt and the Uzunbask series of the Mangyshlak Peninsula. p. 62.
- Dronev, V. A., Zhilin, S. O. - Oligocene sediments of the northern coast of Porovskiy Bay (Aral Sea). p. 74.
- Doboclova, A. A., Maderat, U. N. - Age interrelationships of series in the Pifosco of Turgay. p. 101.
- Uragin, A. A. - New data on the stratigraphy of Pifosco-Quaternary sediments of the Tugay Gates. p. 188.
- Kislov, L. I., Sachin, A. P. - Geological position of ultrabasic of the Izgiz Valley (southwestern Turgay). p. 113.
- Teterov, G. M. - Oil and gas potentials of the Turgay Gates. p. 122.
- Kirpat', G. R. - Horizontal zonality of the distribution of basic ore-forming components of the Arkalyk bauxite deposits. p. 131.
- Krivtsov, A. I. - Some problems in the theory of bauxite formation. p. 139.
- Shabotovskiy, V. D. - Some characteristics of the distribution of niobium and tantalum in granite intrusions of the eastern margin of the Turgay Gates. p. 174.
- Ivanov, V. A., Goriach, V. F. - Hydrology of the northern part of the Turgay Gates. p. 180.
- Krivtsov, A. I. - Methodology for compiling prognostic maps of Mesozoic bauxites as revealed by a study made in the Ural and northwestern Kazakhstan. p. 203.
- Vol. 132, 1968. Materials on the geology and petrography of coals of the U.S.S.R. Table of contents translated:
- Val's, I. E., and others. - Classifications of microelements and petrographic types of humus coals. p. 6.
- Petrovskiy, G. D. - Criticism of the principles of classifying humus coals. p. 18.
- Sarbova, L. I. - Terminology of coal petrography. p. 25.
- Petrovskiy, G. D., Tokarev, V. P. - Role of starting vegetation material, medium, and mineral substances in the process of ore formation. p. 39.

- Negrel's, V. Z., Negrel's, T. F. - Problem of Juralian geology. p. 81.
- Nogdanov, I. D., Volynov, A. S. - Relation of Karetides in Belomorides of eastern Karelia. p. 97.
- Bekker, I. R. - Ancient Molasse of the Urals. p. 110.
- Dzevanovskii, I. K., and others. - Basic problems of the Pre-Sinian stratigraphy of the Aldan-Stanovoy crystalline massif. p. 119.
- Chernysheva, N. E. - Biostratigraphy of the Middle Cambrian of the U.S.S.R. p. 128.
- Nikiforova, O. I. - Stratigraphic subdivision of the Silurian system of the U.S.S.R. p. 141.
- L'brovich, L. S. - Distribution of Ammonoidea in the seas of the Carboniferous and the problem of the ancient Mediterranean basin. p. 154.
- Likharev, B. K. - Some problems of the stratigraphy of Permian sediments of the U.S.S.R. p. 171.
- Zubakov, V. A. - Climatostratigraphy of Pleistocene (Quaternary) sediments and its basic problems. p. 184.
- Geneshin, G. S. - Paleogeography of the U.S.S.R. in the Quaternary. p. 203.
- Krasnov, I. I. - Contradictory problems of the glacier theory and anticlinal. p. 228.
- Shatalov, E. T. - Final address. p. 252.
- MOSKOVSKOE OIISHCHESTVO ISPYTATELEI PRIRODY. Muileten' [MOSCOW NATURALISTS' SOCIETY. Bulletin].** New series, vol. 73, Odel geologicheskii [Geological Section]. Moscow, vol. 43, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Lebedev, V. I., Sindlyov, V. M. - Solar energy and the problem of the formation of the sid layer of the earth's crust. p. 5.
- Borlin, T. C., Khankov, A. V. - Results of the determination of paleotemperatures based on belemnites using the calcium-magnesium method. p. 17.
- Mirzod, S. Kh., Kolchakov, V. P., Manucutants, O. A. - Afghanistan, brief information on the structure and minerals. p. 31.
- Mattilavskii, M. M. - Nature of the Akmysli unconformity and the length of fold formation in the Upper Triassic of the Mangyshlak Peninsula. p. 33.
- Pavlova, V. I. - Rhiphan sediments of the Kuratau Range (southern Kazakhstan). p. 67.
- Bykadorov, V. A., and others. - Paleogene stratigraphy of the western regions of southern Kazakhstan. p. 74.
- Venkatchalapali, V. - Some new types of Nodosariidae from Borissian and Valangin sediments of the Crimea. p. 83.
- Deurokhotova, R. S. - Classification of amphiboles. p. 97.
- Vasserman, B. A., and others. - Granite intrusions in the composition of the basement of the Tcherni Depression. p. 112.
- Bobokhov, A. S. - Crystallinized isolations of quartz albityphyrus. p. 117.
- Dagirov, V. I. - Oxidation film of recent sediments of the Caspian Sea. p. 120.
- Selezneff, I. D. - Comparative evaluation of basic methods for the determination of underground waters. p. 124.
- Activity of the Geological Sections of the Moscow Naturalists' Society. p. 131.
- Supplements. p. 134.
- PALEONTOLOGICHESKII ZHURNAL. [PALEONTOLOGICAL JOURNAL].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan.-Mar. 1968.
- Table of contents translated:
- Corbachik, T. N. - Case of homomorphism in Foraminifera. p. 3.
- Mel'nikova, G. K. - Genus *Cyathococcolites* (Hexacoccolites). p. 11.
- Kopaeich, G. V. - Genus *Eridotrypa* and its historical development. p. 18.
- Prozorovskaya, E. L., Pozharitskaya, G. F. - Taxonomic position and scope of the genus *Gusarella* (Brachipoda). p. 27.
- Shishkinskaya, A. F. - New Devonian ostracods of the family Dripanolittidae from Volgograd Province. p. 39.
- Kochelkova, N. M. - Late Permian ostracods of Bashkiriya. p. 40.
- Egorova, L. I., Savitskii, V. E. - Trilobites of the May stage from the northern part of the Siberian Platform. p. 58.
- Chernysheva, N. E. - Middle Cambrian trilobites of the Northern Caucasus. p. 71.
- Stukalina, G. A. - Systematics of the Pentamerina group (Crinoidae). p. 81.
- Kurochkin, E. N. - New Oligocene birds of Kazakhstan. p. 92.
- Kraslov, V. A. - Classification of stomata. p. 102.
- Ishchenko, T. A., Surokina, N. L. - Sporogones of the Late Devonian fern *Rhacophyton incertum*. p. 110.
- Skuratenko, A. V. - Spores of some new species of the families Davalliaceae and Aspidiaceae from the Upper Cretaceous-Paleogene of Western Siberia. p. 115.
- Gizbar, E. A. - Creation of spore release in connection with the development of the methodology for isolation of single spore and pollen grains. p. 122.
- Antonova, Z. A. - New specific names for Foraminifera. p. 127.
- Shishova, N. A. - New order of Paleozoic Bryozoa. p. 128.
- Lazarev, S. S. - Morphology of *Triplaxidea* (Brachtopol). p. 132.
- Lubimova, I. S. - Systematic position of the genus *Paleocystiteridea*. p. 136.
- Oelov, V. G., Rykov, S. I. - New genus of small reptiles from the Triassic in the Don Lake. p. 140.
- Mas'kina, O. D. - Small mammals of the Neogene and Quaternary of the Rodnyy Altai. p. 141.
- Bartak-Abramovich, N. I., Gabashvili, E. G. - Primitivox in the Hupharia fauna of Udaabao (eastern Georgia). p. 143.
- REFERATIVNYI ZHURNAL: GEOLOGIA [JOURNAL OF ABSTRACTS: GEOLOGY].** Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 8, Aug. 1968.
- SOVETSKAYA GEOLOGIA [SOVIET GEOLOGY].** Organ of Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U.S.S.R.]. Moscow, vol. 11, no. 1, Jan. 1968.
- Table of contents translated:
- Komel'tan, G. A. - Mineral resources of the Caucasus. p. 3.
- Rodkevich, E. A. - Tin-ore formations and their practical significance. p. 14.
- Tul'ginov, Kh. T., and others. - Results of combined geological and geophysical studies of the nature of the Tashkent earthquake, 1966. p. 25.
- Arkhangelskaya, V. V. - Heterogeneous intrusive massifs of platforms and completely folded regions. p. 36.
- Poliska, I. A. - Characteristics of Early sedimentation in the Latvian S.S.R. p. 46.
- Zaitsev, I. K. - Analysis of the principal hypotheses of the formation of salt waters and brines in the light of the latest data. p. 57.
- Andropova, L. V. - Forms of the occurrence of lead in dispersion streams (Estonia). p. 68.
- Polintova, M. I., Sait'kov, O. G. - Principles and methodology of charting medium-scale mineralogical and prognostic maps of diamond placers in western Yakutia. p. 78.
- Golubev, V. S. - Diffusion theory of the formation of dispersion halos of ore deposits. p. 82.
- Dogdanov, A. Sh., and others. - Methodology of geophysical studies during prospecting for copper and complex metal mineralization in metamorphic formations of the southwestern Altai. p. 103.
- Dubovskii, S. G. - Carbonate sediments in the basin of the upper course of the Kama and Vyatka Rivers. p. 107.
- Merkovich, E. M. - Comparison of cross sections of Middle Jurassic sediments of the Borodinsk and Porynslovsk coal deposits. p. 108.
- Pavlov, A. N. - Concept of the modulus of the accumulative activity of a river. p. 112.
- Vefelchik, E. A. - Pseudosandstones in Paleozoic rocks of the Eastern Ural Anticlinorium. p. 113.
- Epshteyn, I. U. A. - Gneiss dome in the southern part of the Maritime Territory and its effect on the distribution of ore potential. p. 116.
- Zuev, I. V. - Thickness of the oxidation zone in the Polinskoye deposit of the Bakal ore field. p. 119.
- Agafkin, A. S., and others. - Copper and nickel mineralization in Upper Devonian terrigenous sediments of the southeastern part of Voronezh Province. p. 122.
- Kim, E. P., Tsvelkov, L. P. - Mineralogical characteristics and genesis of the Polyanskoye mercury deposit in the Chukchi Peninsula. p. 125.
- Chernykh, V. A. - Use of two-row punched cards of the K-5 type for stratigraphic studies. p. 135.
- Itin, K. B., Gabelko, A. B., Shekhtman, P. A. - Out-of-town Section of the Section of Metallogenic and Prognostic Maps of the Scientific Council on the Regional and Geological Study of the U.S.S.R. p. 142.
- Vol. 11, no. 2, Feb. 1968.
- Table of contents translated:
- To the Central Committee of the Communist Party of the Soviet Union. p. 3.
- Subbotin, S. I., and others. - Relief of the Mesozoic discontinuity of the Carpatho-Balkan region and adjacent territories. p. 6.
- Lazhenskii, I. A. - Possibility of borate sedimentation from an eutonic brine in saltiferous sea-type basins. p. 15.
- Kruglov, S. S., Smirnov, S. E. - Paleogene of the Pteny zone of Soviet Transcarpathia. p. 25.
- Bakirov, A. A., Bykov, R. I., Cavrtov, V. P. - Subsurface structure and prospects for finding oil and gas in the Paleozoic of northern Ustyurt. p. 39.
- Gerasimenko, S. S., Orlov, A. V., Uspenskaya, O. K. - Economic characteristics of mineral resources. p. 35.
- Belavin, O. V., Melnikov, A. L. - Determination of the shape of granite massifs according to gravimetric data; as revealed by a study made in the Konevo-Karav'yevskiy Massif, Central Urals. p. 95.
- Oskolnikov, V. N. - Ancient volcanism of the north (in part of the Arctic Urals). p. 75.
- Gornikova, I. M. - Some problems of the geochemistry of strontium isotopes. p. 89.
- Sevast'yanov, K. M., Kuznetsov, A. S. - Basic trends in oil and gas prospecting in the Far East. p. 102.
- Nikitina, A. P. - Isolation of the Upper Paleozoic in the Southern Sikhote-Alin' Range. p. 107.
- Chernysheva, V. P., Khontin-Khontin and Oskolnikov. - New coal deposits in southern Manchuria and their characteristics. p. 110.
- Alekseev, A. M., and others. - Stratigraphy of the Late Precambrian and Cambrian of the Mel'gin block (eastern part of the Berezya Massif). p. 115.
- Filipov, V. A. - Effect of recent tectonics on the formation and preservation of rare metal placers in the Khiby Range. p. 110.
- Sirovinnov, I. A. - Celestine and strontianite mineralization in carbonate sediments of the Ozersk series in the southern wing of the Moscow Massif. p. 123.
- Branshlein, B. M., Karpova, A. S. - Relation of rare elements to gold potential (Kalmuk Massif). p. 127.
- Katuzhin, I. M. - Problem of intermediate source rocks of gold. p. 128.
- Al'bov, M. N., Kostarov, I. I. - Copper oniferous sediments of the Central Urals. p. 132.
- Imov, E. N., Malinin, I. U. S. - Age of the Karachay series of the Northern Caucasus. p. 147.
- Konstantin Leonidovich Pozharitskii. p. 151.
- Vol. 11, no. 3, Mar. 1968.
- Table of contents translated:
- April 7th, Geologist's Day! p. 3.
- Iakovlev, G. F. - Tectonogenic and tectonometamorphic structures of ore zones and deposits. p. 5.
- Dirshlev, A. R. - Stratigraphy of the Volynskaya series (Upper Precambrian) of Volynia. p. 23.
- Reznicev, I. A. - Paleomagnetism and drift of continents. p. 34.
- Rodnikova, R. D., Sevast'yanov, K. M., Tseliskov, A. A. - Structural and tectonometamorphic relations of the southern part of Shakhin Island and Koldaiso Island and prospects for finding oil and gas. p. 48.
- Amirov, A. P., and others. - Methodology of the analysis of geophysical fields with purposes of the structural and geophysical regionalization of Kazakhstan. p. 64.
- Lukavskaya, T. A., Kuzmina, V. A. - Scientific practice in the evaluation of prognostic reserves of recoverable by a region of the northwestern U.S.S.R. p. 78.
- Akin'shin, P. Z. - Methodology and reliability of prospecting for rare-earth deposits of the rare type; as revealed by a study made in the Sal'tan-tumskiy deposit. p. 89.
- Zhabin, A. G., Surina, N. P., Munkhova, A. A. - Prospecting significance of mines of alkaline alkali rocks. p. 99.
- Sixtieth birthday of E. T. Shatalov. p. 113.
- Smukhin, V. A., Pirozhnikov, L. P. - Triassic sediments in the Bol'shaya Severnaya Dvina. p. 15.
- Polakchuk, P. D., Harkonen, B. V., Anzavskaya, I. A. - Interval of sedimentation on the boundary of the Commanan and Tornan in the southern part of the Prid-Dniester interfluvium. p. 119.
- Petrov, V. G. - Extent of the contraction of the thickness of rock layers in the process of folding. p. 122.
- Palei, L. Z. - Age and characteristics of the distribution of gold mineralization in Central Asia. p. 25.
- Plavushkin, V. G. - Characteristics of the structure and conditions governing the formation of the manganese-bearing horizon of the Nikolsk' deposit. p. 128.
- Umlitsova, B. A., Shulov, A. S., Zhukpaklin, E. N. - Prospecting for epithermal gold deposits in the northeastern part of the U.S.S.R. p. 131.
- Burakovskii, L. A. - Entropy as a measure of rock anisotropy. p. 135.
- Polinkov, V. V., Silina, A. A., Malkova, G. I. - Geochemical characteristics of Upper Cretaceous-Early Tertiary granitoids in the southeastern part of the Maritime Territory; as revealed by a study made in the Vladimirovskiy and Cape Mirnitskiy Massifs. p. 138.
- Zakharovich, G. M. - Hydrochemical cross section of the southern slope of the Voronezh Massif in the Kharkov region. p. 145.
- Likhil, P. R. - Some varieties of volcano-plutonic formations; as revealed by a study made in the S. M. Basin geological structure. p. 146.

R. V. - Bore in the underground waters
- Carpathian region. p. 153.
- Congress of the Trade Union of Geological
Workers. p. 158.
S., Ruzhitskiy, A. P. - First
morphological conference. p. 159.

pr. 1968.
- Translated.
- Made by workers, engineers,
and employees of enterprises, organiza-
tions of the Ministry of Geology of
R., on the fulfillment of the five-year
geological prospecting ahead of time.

- Tectonics of the northern part of the
platform according to geophysical data.

V. A., and others. - Accelerated geological
p. 20.

M., Krasavina, T. N. - Stratigraphic
correlation on the basis of the
analysis of rocks containing in coal-graphite
as revealed by a study made in the
part of the Far East. p. 33.

M., Polevina, N. I. - Current state of the
possible utilization of the isotopic
of sulfur for the determination of
rocks. p. 48.

F., Bezrodnykh, I. P., Kotikov, M. A. -
of sedimentary formations in the
part of the Siberian Platform. p. 60.
L. R. - Significance of the biogenic further
of formation. p. 70.

G. I., Chernov, A. A. - Nature of changes
in sediments in the producing layer of
oil and gas. p. 83.
G., Gogina, N. I. - Early Paleozoic
activity in the northeastern part of the
platform. p. 94.

V., Kovalev, I. A. - Revealing of
volcanic in central Kazakhstan.

G., Nefedov, N. K., Syrtchenko, A. F. -
of minor elements in rocks of the
mafic granulite complex in Tynymuz.

role of pyroclastic material in coal
sediments of the Kuznetsk Basin. p. 120.

V., Millashin, V. S. - Age of carbonate
of the Novyansk and Polevny regions
on the basis of the Central Ural. p. 138.
V., Kuznetsov, E. A. - Unit of late-
of the Cretaceous deposit. p. 141.
New type of gulf mineralization in the
Ural. p. 143.

Timachev, V. M. - Gold-bearing
- baryte veins in the Aykhan region
(Ural). p. 146.

Nikol'skiy, V. M. - Drucite deposit
of Kiregim Mountains. p. 140.
V. N. - Probable formulation of the
of the solution of volcano-plutonic
rocks. p. 148.

I. F. - Experimental revealing of the
of iron and low-iron ore. p. 183.
V. V. - International Committee on the
of Geological Sciences. p. 156.
Yanovskiy, I. - Conference on the
p. 157.

Mirzalan, S. A., Nazaretian, R. A. - Effect of gan-
gion blocking agents on histamine content and
histamine pox activity of different stomach fields
in experimental ulcers. p. 229.

AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku.
Doklady [ACADEMY OF SCIENCES OF THE AZER-
BAIJAN S.S.R. Reports]. Baku, vol. 23, no. 10, 1967.
Table of contents translated:

Kerimov, I. A. R. - Expansion in eigenfunctions of a
non-self-adjoint boundary value problem generated
by an infinite system of differential equations of
the second order. p. 3.

Dzhubarly, Ch. M., Dzhuriev, E. V. - Use of a digital
computer in solving differential equations of the
first order. p. 8.

Ismatov, R. G., and others. - Dehydrogenation of
disubstituted benzenes, diethyl-, and dimethyl-
p. 13.

Ugaev, U. Kh., and others. - Photochemical bromina-
tion of methylcyclohexane. p. 18.

Nagiev, M. F., Karashanli, K. A., Mekhtiev, S. A. -
Thermodynamic study of dimethylaminoethane
in the liquid state at temperatures in a 55-300° K range.
p. 23.

Bala-zade, A. D. - Carditidae of Akchagyl sediments
in the Shekakhin region of Azerbaijan. p. 26.
Azibekova, Z. A., Babayev, I. A. - Hydrargillite as an
intermediate product of technological processing
of alumina ore in the Kirovabad Aluminum Factory
p. 31.

Dzhenov, I. P., Babayev, R. I. U. - Stratigraphic
position and boundaries of the distribution of the
Choban-Dag series. p. 36.

Aldiev, R. G. - Effect of growth stimulants of
petroleum origin on physiological processes under
conditions of varying salinization. p. 40.

Dzhalilova, Ch. M. - Fractionation of humic acids of
mountain forest and mountain steppe soils of the
southern slope of the Greater Caucasus by
chromatography. p. 43.

Akhmedov, I. K., and others. - Study of sugar, protein
and cellulose content in leaves of selected types
of mulberry tree during summer and fall seasons.
p. 47.

Bekhabov, A. A. - Utilization of alfalfa and sainfoin
for pastures. p. 51.

Taqiev, V. D. - Respiratory activity of nodule bacteria
of pea and alfalfa treated with heteroxin of
various concentrations. p. 65.

Kurnev, A. I., Nestrava, R. A. - Changes in intercep-
tive unconditioned inhibitory reflexes as affected
by hypofunction of the thyroid gland. p. 66.

Kulov, K. A. - New species of the family Damniskhe
Dor. p. 63.

Dzhigalova, A., Dzhakhani, T. - Two imitations of
Changyue's gazelle. p. 71.

Kagramanov, Dzh. V. - Dictionary "Tukhat al-avay."
p. 73.

AKADEMIYA NAUK SSSR. Doklady [ACADEMY OF SCI-
ENCES OF THE U.S.S.R. Reports]. Moscow,
vol. 170, no. 3, 1968.

Table of contents translated:

MATHEMATICS:
Andronnikov, V. A., Rukhovich, I. M. - Existence
of the Brown-Mackay radical in Lie algebras.
p. 603.

Berman, D. I. - On some known polynomial equations
in the complex domain. p. 507.

Bychkov, B. M., Groher, V. M. - On the absence of
an unconditional basis in the factor spaces L_1/L_0
and L_1/L_0 . p. 511.

Abdulkhazov, B. G. - On a general quadrature process
and its application to the approximate solution of
singular integral equations. p. 515.

Kasymov, M. G. - Expansion in solutions of a problem
in scattering theory for a nonself-adjoint Schrödinger
equation. p. 518.

Gelfand, I. M., Graev, M. I. - Complexes of k-di-
mensional planes in C^n -space and Plancherel's
formula for the group $GL(n, C)$. p. 522.

Zakharov, V. K., Sarmanov, O. V. - Law of distribu-
tion of the number of series in a homogeneous
Markov chain. p. 520.

Zylov, V. P. - On G-composability and G-compo-
sability. p. 529.

Kamynin, L. I. - On Lapunov-Gunter's theorems
for special heat potentials. p. 531.

Kantor, I. L. - On infinite-dimensional simple gradu-
ated Lie algebras. p. 534.

Millonichev, V. M. - Stability criterion for the
probable spectrum of linear systems of differential
equations with recurrent coefficients and the near
reducibility of systems with almost periodic
coefficients. p. 538.

Polovinkin, V. I. - Weight cubature formulae. p. 542.

Iudyk, B. M. - Extensions of moduli. p. 545.

Samarskiy, A. A. - Selection of iteration parameters
in the method of variable directions for the
Dirichlet difference problem of a higher order of
accuracy. p. 548.

THEORY OF ELASTICITY:
Guz', A. N. - On the accuracy of Kirchhof-Love's

hypothesis when determining the critical forces in
the theory of elastic stability. p. 552.

ASTRONOMY:
Arakellian, M. A. - Determining the luminosity function
and stellar density in the vicinity of the sun. p. 555.

PHYSICS:
Maslov, V. P., Vorob'ev, E. M. - On single-mode
open cavities. p. 558.

Sevchenko, A. N., and others. - Polarized radiation
induced by the production of solutions of organic
dyes. p. 562.

Khaplanov, G. M. - Study of a rubidium maser with
optical pumping. p. 566.

TECHNICAL PHYSICS:
Komar, A. P., Usitov, I. U. K., Helov, V. D. - Field
emission patterns of a tungsten single crystal in
the case of hydrogen adsorption. p. 568.

Konstantinov, B. P., Gusev, O. B., Konstantinov,
V. B. - Generation of radiation at wavelengths
of 0.63 and 3.39 in a helium-neon laser having
three mirrors. p. 571.

Markovets, M. P., Kurton, L. I. - Investigation of the
relation between creep characteristics disclosed in
using various deformation methods. p. 575.

Fedorchenko, I. M., Nishiporenko, O. S. - Factors
determining the formation of powder particles in
the process of atomization by a gas flow. p. 578.

Iaglarov, M. Sh. - New method for measuring heat
capacity at low temperatures. p. 581.

GEOPHYSICS:
Pytkin, I. U. G., Pivovarov, A. A., Khundzhua, G. G. -
Absence of bottom currents in the Black Sea. p. 585.

CHEMISTRY:
Zaslavskaya, G. B., and others. - On the relevance
of absorption bands in the electronic spectra of
terreno and its derivatives. p. 588.

Ignatkiy, R. S., and others. - Effective electro-
luminescence of optically and diffusionally p-n
structures of GaP. p. 593.

Lilashis, E. B. - Solvatochromism of cyanine dyes.
p. 598.

Mironov, V. F., Kozlov, V. P., Shchudnikov, V. D. -
Synthesis of organoaluminum compounds and disocya-
nates. p. 600.

Mosmolanov, A. N., Tolstaya, T. P., Luchinskaya, I. N. -
Heterocyclic iodine salts containing sulfur in the
cycle. p. 604.

Pis'man, I. I., and others. - Dimerization of propylene
to 4-methyl-1-pentene. p. 606.

Toropov, N. A., Morgolis, N. V., Ismailov, A. A. -
Methylenes and their derivatives, a new group of
rare earth silicates. p. 610.

PHYSICAL CHEMISTRY:
Alanov, I. A., Shchukharov, M. I. - Dielectric
relaxation in 1-butanol and 2-butanol at high pres-
sures. p. 614.

Golgor, I. U. A., Rusakov, A. I., Krasov, V. I. -
Thermodynamics of melting and absorption. p. 617.

Oubanov, E. F., and others. - Role of amorphous
blocks in the crystal formation of polyester urethane
block copolymers. p. 621.

Dvornik, A. M., Savrov, S. D. - Initiation of detonation
of liquid explosive by a light impulse. p. 624.

Kaplanov, V. M., Zharov, A. A., Enikolopov, N. S. -
Polymerization of monomers in the solid phase
under high pressures and shear stresses. p. 627.

Martynov, G. A. - Thermodynamics of electrolytic
solutions of average concentration. p. 628.

Portnov, N. V., Sinevich, E. A., Shchukin, E. D. -
Strength of molecular crystals reduced by adsorp-
tion. p. 633.

Rublovich, G. L., and others. - Hydrodemethylation
of toluene on spinel-type aluminum-nickel catalysts
promoted by platinum. p. 637.

Sitnikov, V. B. - Diffusion coefficients of a para-
magnetic molecule in polymer medium. p. 641.

Mosnikov, I. A., Pospelova, I. N., Korotkaya, T. A. -
Structure and electroconductivity of polycrystalline
films of oxide semiconductors. p. 645.

CHEMICAL TECHNOLOGY:
Kufarov, V. V., Shostakov, V. V., Zhelokova,
G. I. - Determination of the parameters of a two-
parameter diffusion model. p. 646.

Koshchik, G. V., Shelnikov, A. I. - Role of the
coherent bond in the decomposition of super-
saturated solid solution of zinc in aluminum. p. 653.

Kononov, G. I., Sheshikov, I. M. - Axial temperature
gradients in vertical zone melting of silicon without
use of crucible. p. 656.

GEOLOGY:
Bozhayev, M. M. - Traces of Upper Paleozoic igneous
activity in the Urals. p. 661.

Bochkarev, V. S., Pogorelov, D. S. - Recent data on
the age of the folded basement of the central
regions of the West Siberian Plateau. p. 664.

Orlovchenko, V. A. - Find of armored fish in the
northern Tien Shan. p. 668.

MINERALOGY:
Godovikov, A. A. - Relationship of $CaO : MgO : FeO$
and the mineral composition of ophiolites. p. 668.

Kochetkov, O. S. - First find of phenacite in the
Timan Ridges. p. 672.

PETROGRAPHY:
Kontorovich, A. E. - Design of oil-producing sedi-
ments. p. 675.

13. SCIENCE

a. GENERAL

AKADEMIYA NAUK SSSR, Leningrad. Doklady
ACADEMY OF SCIENCES OF THE ARABIAN S.S.R. Reports]. Moscow,
vol. 46, no. 6, 1967.

Table of contents translated:
- Determination of a solution near
the origin. p. 103.

N. Kh., and others. - Absorption of
narrow component of cosmic rays in
silicon. p. 200.

T. - Recalculation of the temperature
of surface of small water bodies under
a monolayer. p. 205.

M., and others. - Role of a dimer of
alcohols in their oxidation by pulsa-
rylamine in aqueous solutions. p. 210.

A. - Nucleotide composition of thymine
RNA in the animal brain. p. 214.

G., Movsesian, S. G. - Participation
of hypoxanthine-dinucleotide (damp-
nified phosphorylation. p. 218.

P., Pogodin, K. S. - Changes in respira-
tory and oxidative enzyme activity in the
of grapevines. p. 222.

- LITHOLOGY:**
Kulish, E. A. - Characteristics of the sedimentation of high-aluminum rocks of the Lengre series of the Aidan Archon. p. 878.
Lopatin, N. V. - Effect of the degree of kaogenetic transformation of Paleozoic sediments in the Volgograd portion of the Volga Valley on the properties of oils. p. 681.
Tarasov, G. A. - Varved clays in sediments of Kildra Strait in the Barents Sea. p. 684.
- GEOCHEMISTRY:**
Baskina, V. A., Dudkina, A. S. - Geochemistry of igneous rocks of the Eastern Sikhote-Alin' Range. p. 685.
Kasalochnik, V. I., and others. - Chemical nature of humic acids of bottom sediments of the Indian Ocean. p. 690.
Marchenko, E. I., Sidorenko, T. I. A. - Niobium and tantalum in the accessory zircon of granitoids of the Korosten' pluton (Precambrian of the Ukrainian S. S. R.). p. 694.
Pillipchuk, M. F., Sevast'yanov, V. F. - Arsenic in recent sediments of the Black Sea. p. 697.
- OCEANOGRAPHY:**
Ramon, A. B. - Areas of the distribution of main genetic groups of recent sediments in the world ocean. p. 701.
- MICROBIOLOGY:**
Ashmarin, I. P., Lotitskanskaya, M. S., Pollakov, E. L. - Nucleotide composition of DNA and its ecology of bacteria. p. 705.
- CYTOLOGY:**
Goldman, I. L., Zolotarev, V. M. - Transformation of circulating human blood lymphocytes in tissue culture. p. 709.
Kovtunovich, N. G. - Quantitative determination of DNA in cell nuclei of embryonic plates in frog following amiosis. p. 713.
- VIROLOGY:**
Kadagidze, Z. G., Sura, S. N. - Lethal effect of lymphocytes on target cells induced by methotrexate. p. 715.
- BIOPHYSICS:**
Fesenko, E. E. - Tyrosine photoionization at temperatures of 80-160° K in alkaline medium. p. 717.
- BIOCHEMISTRY:**
Burnasheva, S. A., Raekindia, N. V. - Characteristics of adenosine triphosphatase in Tetrahymena pyriformis cilia. p. 718.
Evclanova, T. N., Bailey, A. - Enzyme action in coacervate systems: polyphenoloxidase and coacervates. p. 723.
Krasnovskii, A. A., Brin, G. P. - Disturbance of Hill's reaction caused by heating, solvents, and detergents: reactivation conditions. p. 726.
Iurovskii, I. U. G., Mil'ner, L. S. - Role of enzymes of hexose monophosphate shunt in controlling carbohydrate metabolism in early embryogenesis. p. 730.
Ivanovskii, M. T. S., and others. - Gas-liquid chromatography of group K vitamins and ubiquinones. p. 733.
- PLANT PHYSIOLOGY:**
Florov, Roman I. - Determining potential productivity of natural forest stands based on the law of energy dissipation. p. 738.
- ZOOLOGY:**
Koroleva, I. U. I. - Karyological study of some Monogenea species of the genus Diplozoa. p. 739.
Smitrova, N. F. - Occurrence of two forms of the commercial bivalve mollusk *Crenomytilus grayanus* (Dunker). p. 742.
- EXPERIMENTAL MORPHOLOGY:**
Dabagian, M. V., Tret'jakova, L. I. - Reila regeneration in tailless amphibians during metamorphosis. p. 746.
- EMBRYOLOGY:**
Davydova, S. I. - Maturation of oocytes of sturgeons outside the female body. p. 760.
- Vol. 180, no. 1, 1968.
- Table of contents translated:
- MATHEMATICS:**
Andrunakovich, V. A., Riabukhin, I. U. M. - Rings without nilpotent elements and perfectly simple ideals. p. 9.
Bavrin, I. I. - On the theory of integral representations of holomorphic functions. p. 12.
Brudovskii, B. S. - Mapping of type s locally convex spaces. p. 15.
Zhdakov, E. P., Puzynin, I. V. - Use of a continuous analog of Newton's method for the approximate solution of a nonlinear boundary value problem. p. 18.
Kraemsel'skii, V. M. - Study on small solutions of a class of nonlinear operator equations. p. 22.
Jaudis, E. M. - Capacity and behavior of the solution of an elliptic equation of the second order with discontinuous coefficients near a boundary point. p. 26.
Polianskii, A. A. - Analog of a Hardy-Littlewood equation. p. 29.
Sapozhenko, A. A. - Neighborhood order of maximum intervals in nearly all functions of algebra of logic. p. 32.
Selezneva, F. G. - Initial problem for general systems of partial differential equations with constant coefficients. p. 38.
- CYBERNETICS AND REGULATION THEORY:**
Gottsay, G. A. - Local principles of animal behavior. p. 38.
- PHYSICS:**
Paderov, V. M. - Theory of elasticity and deformation theory of plasticity for solid bodies with different properties as regards compression, tension, and torsion. p. 41.
MATHEMATICAL PHYSICS:
Dnestrovskii, I. U. N., Kostomarov, D. P. - Boundary value problems in linear plasma electrodynamics. p. 45.
Slogatellin, N. R. - On the variation principle in quantum kinetics. p. 48.
PHYSICS:
Adirovich, E. I., Dubrovskii, L. A. - Heterocontact between semiconductor and dielectric with potential electron trap in the layer near the contact. p. 52.
Belenov, E. M., Oravskii, A. N. - Radiation modes of a gaseous laser with annular cavity. p. 60.
Kaminskii, A. A. - Laser with combined active medium. p. 58.
Kolpakov, A. V., Kuz'min, H. N. - Phase problem and correlation properties of X-ray beams. p. 63.
Korotavskii, M. I., Sumitskii, M. M., Zubarev, B. A. - Nature of anomalously high photoemission in CdTe films. p. 68.
Kurikova, V. I. - Theory of the radiation Q-factor of a dielectric resonator. p. 70.
Rzhevskii, V. V., Protasov, R. I., Sarkisova, A. G. - Electroconductivity of heterogeneous media. p. 73.
Tikhonov, Zh. S., Boos, E. G., Tursunov, R. A. - Analysis of inelastic proton-neutron collisions at an energy of 20 GeV. p. 75.
- TECHNICAL PHYSICS:**
Avramov, I. U. S. - Relative change in surface energy for faces (10) and (00) of single crystals of a (3%)-iron-silicon alloy due to the annealing atmosphere. p. 78.
Rapp, N. V. - Singular points on the curve showing the development of reversible deformations of amorphous polymers. p. 82.
Tavazde, F. N., Surnava, G. G. - Dependence of the coefficient of zinc diffusion in filamentary copper crystals on their diameter. p. 86.
- GEOPHYSICS:**
Smirnov, R. V. - Relation between some troposphere and ionosphere parameters and variations in solar wind velocities. p. 88.
- CHEMISTRY:**
Balsanov, S. S., Zolotarev, E. S. - Impact synthesis of chromium (II) chalcogenides. p. 93.
Bashkurov, A. N., Bogachova, A. N. - Oxidation of diphenylmethane in the presence of acetic anhydride. p. 95.
Borekhn, I. A., Ginzburg, O. F. - Tautomeric equilibrium in acid solutions of p-aminocyan compounds. p. 98.
Vassberg, V. E. - Compensation effect in catalytic dehydration in an adsorbed layer. p. 100.
Vol'pin, M. E., and others. - Catalytic nitrogen fixation in the presence of transition metal compounds. p. 103.
Glazova, V. V., Kentna, E. M. - Interaction of intermetallic compounds in the system $Ti_3O - Ti_3Sn$. p. 106.
Kozlov, P. V., and others. - Calorimetric study of cellulose tributyrate. p. 108.
Kolesnikov, S. P., Perlmutter, R. L., Nefedov, O. M. - Interaction of trichloroethylene and germanium dichloride with ketones. p. 112.
Nesterov, I. V., and others. - Structure and reactivity of quasi-phosphonium salts. p. 118.
Nikolaev, A. V., Grishin, G. M., Kolesnikov, A. A. - Distribution of orthophosphoric acid in the system $H_3PO_4 \cdot H_2O - (C_2H_5)_3N$ at 25°C. p. 120.
Parilakti, O. D., and others. - Dissociation of hydrogen ionized by silica gel. p. 123.
Pleshchey, V. E., Stopina, S. B., Vinograd, I. V. - Study of heterogeneous equilibria in the systems $MolH - BiH_3 - H_2O$, $H_2O - H_2O$ ($M = K, Rb, Cs$; $H_2 - Cl, Br$). p. 126.
Pozhidaev, E. D., and others. - Reversibility of organochlorosilane aminolysis. p. 130.
Chevach, V. F., Lunik, Kh. I., Spitsyn, V. I. - Sodium and potassium metatungstate structure studied by means of proton magnetic resonance. p. 133.
- PHYSICAL CHEMISTRY:**
Bashkurov, Sh. Sh., Sadykov, E. K. - Contribution to the theory of quadrupole splitting of Mössbauer line in trivalent iron compounds. p. 137.
Berlin, A. A., Belova, R. N., Firsov, A. P. - Radical reactivity of polycyclic compounds as dependent on the polarity of the medium. p. 140.
Korshakov, E. V., Markovitch, M. A., Enikolopov, N. S. - Mechanism of acrylonitrile polymerization on triethylphosphine by means of N. M. R. p. 143.
Men', A. N., Shcherbakov, A. A., Chufarov, G. I. - Thermodynamic analysis of "subregular" solutions. p. 147.
Mukhtarov, I. A., Mukhtarov, R. I. - Internal rotation potential in the 1,1,2-trifluoroethane molecules. p. 150.

- Sakharov, G. D. - Nature of chemical bonds in the reaction of the addition of an electron to a radical of a semiaromatic radical as compared with a radical. p. 158.
- Sitidonov, V. P., Krolkin, E. V. - Study of the molecule $MnAlF_4$. p. 160.
- Tarakanov, O. G., and others. - Electrochemical study of condensation structure of polyimides by the method of ultraviolet spectroscopy. p. 162.
- CHEMICAL TECHNOLOGY:**
Abdrashitova, E. I., Petrovskii, G. T. - Paramagnetic resonance of Mn in glasses. p. 160.
Budnikov, P. P., Entin, Z. D., Kozlov, V. P. - Growth rate of nitro crystals during the curing of a Portland cement raw mix. p. 162.
Dobrov, S. K., Tsokhomskii, T. S., M. V. - Crystallization of glasses $Li_2O - Ga_2O_3 - SiO_2$. p. 172.
- GEOLOGY:**
Barg, I. M. - Holocene sediments of the Ural. p. 176.
Elkin, E. A., and others. - Division of the Lower Devonian of Siberia. p. 176.
Zakharov, R. D., Lole, I. A. D. - Nature of the Danian stage. p. 181.
Ovchinnikov, L. N., and others. - Age of the Ural based on radiological data. p. 181.
Ittenberg, M. I. - Characteristics of the distribution of coal in the cross section of coal formations. p. 189.
- MINERALOGY:**
Srebnol'skii, B. I. - First find of "U" in the U. S. S. R. p. 193.
Khalozova, E. D., Chornitskaya, N. M. - Age of the content of radium in the U. S. S. R. p. 193.
- PETROGRAPHY:**
Sakino, V. O., and others. - Inclined porphyries in basaltic of the Oahu Volcanic Belt. p. 190.
Shastman, V. S. - Average chemical composition of the Oahu Volcanic Belt. p. 202.
- LITHOLOGY:**
Distanov, U. G. - Conditions governing accumulation in the Paleocene in the Valley and Chaplin Sea region. p. 202.
- GEOCHEMISTRY:**
Zaritskii, P. V. - Geochemical indicators of the origin of adjacent beds in a section of the Ural. p. 202.
Kholchikov, L. N., Shugurova, N. A. - Composition of mass in inclusion minerals. p. 211.
Shironberg, L. E., and others. - Trace elements in clays. p. 211.
- OCEANOGRAPHY:**
Chernikov, V. I., Popovskaya, M. A. - Mineral in sediments in the northern part of the Pacific Ocean. p. 218.
- MICROBIOLOGY:**
Ivanov, I. D., Dendlin, N. S. - Relative molecular hydrogen elimination reaction in cells of *Chromatium minutum*. p. 218.
Loshova, I. G., Karyukhina, S. I. - Correlation of α -nucleosides in *Chromatium minutum*. p. 225.
- IMMUNOLOGY:**
Lebedev, K. A., Skriabin, A. S. - Immunological formation of plasma cells and non-specific immunoglobulin synthesis and secondary introduction of diphtheria toxin. p. 220.
- BIOCHEMISTRY:**
Iykhovskii, V. I., Zaitseva, N. I., and others. - Possible composition in applying of acid to the biosynthesis of vitamin B₁₂ by roasting suspensions of *Propionibacterium*. p. 222.
Gonov, T. N., Rukhin, V. I. - Active photolysis of 1-hydroxy-2-naphthol in the presence of chromatic light. p. 235.
Tomova, V. S., Kagan, Z. S., Kretov, V. S. - Kinetic properties of desferrioxalate L-trimethylammonium salt of penicillin G. p. 235.
- PLANT PHYSIOLOGY:**
Sankov, V. S. - Oxidative metabolism and its physiological role in leaf. p. 235.
- PHYSIOLOGY:**
Antonov, L. M. - Effect of adrenocortical intensity of phospholipid metabolism and liver of rats under oxygen deficiency. p. 245.
Paderov, I. U. A. - Phonic activity of action of specific biological substances. p. 248.
Frankfurt, O. S. - Effect of hydrocortisone on the transition of cells to the synthesis. p. 261.
Shnaper, A. I. - Changes in the nucleic acid content of the myocardium of blocked RNA synthesis. p. 264.

1888.
of contents translated:
ICS:
S. B. - Integral points in perturbed
p. 283.
M. - Bounded solutions of systems of
second-order differential equations. p. 286.
L. - Construction of some complete sur-
nonpositive curvature. p. 289.
B. L., Krmakov, S. M. - Nonparametric
to problems in planning regression experi-
p. 293.
G. - Some properties of polynomial
nations according to Ritz. p. 296.
V. - Integral theorems with allowance for
violations due to violation of Cramer's
p. 299.
I. - Radon-Nikodim's theorem and the repre-
of vector measures by an integral. p. 282.
L. P. - Structure of the vicinity of the
ic tube of an invariant torus. p. 280.
V. A. - Pulse control systems with wide-
modulation. p. 280.
ICS AND REGULATION THEORY:
A. - Experimental modeling of a large-
domestic using universal digital computer.
V. A. - Determining the controlling forces
near systems. p. 297.
DYNAMICS:
M. - Turbulent pulsations in a viscous
p. 300.
Korovich, I. A. I. - Theory of steady waves
amplitude induced by pressure periodically
on the surface of a flow of heavy fluid
depth. p. 304.
IV:
G. - Stability according to Hill in the
and problem of three bodies. p. 308.
A., Allov, A. A. - Angular and energy
of secondary ions when a target is
by ions at glancing angles. p. 312.
K., Ourelov, L. V. - Resolving power
reaction grating and a telescope. p. 316.
M. I., Samilek, M. M., Zharov, B. A. -
determining the number of microphotocopies
films of anomalously high photovoltage.
V. K. - Making allowance of the crystal
field in studying the interaction between
and a chaotically distributed impurity.
M., and others. - Experimental detection
n. t. along an external magnetic field
by a liquid metal flow (n-effect). p. 326.
J. I., Iyechenik, I. N., Dorlagin, I. V. -
ing the rate of diffusion along in a binary
mixture. p. 330.
L PHYSICS:
A., Ushakov, A. D. - Viscosity of ordinary
and heavy water at high pressures in the
temperature range 0° - 150°. p. 334.
V. D. - Koelectronic emission from
layers in the dynamics of sliding friction.
V. M., Puhlik, I. S., Sokol, A. A. -
surface-active impurities on the micro-
of the surface of growth of NaCl. p. 341.
CS:
A. O. V., Troitskaya, V. A. - Relation
the direction of the interplanetary magnetic
field to a stable mode. p. 343.
V. N., Ljubimov, V. M. - Perturbation
of the spheroidal vibrations of the earth.
Y:
E., and others. - Reactivity of phosphoric
phonic acid esters in hydrolysis reactions.
L. A., Klimova, N. D., Asikinatze, I. D. -
intensity of the CN group of substituted
diazides. p. 353.
I. M., Dukin, V. I. - Synthesis and
of new compounds in the system uranium
- water. p. 356.
M., and others. - Study of ordered struc-
suboxides Zr₂O₃ and Zr₂O₄. p. 360.
Kh. M., and others. - Effect of Co⁶⁰ γ-ray
ionization on the exchange in the system molecular
oxygen and water. p. 364.
K. B., L'vov, I. U. A., Ivanov, A. P. -
ion of diphenyl-p-phenylenediamine and
orth-butylhydroquinone in inhibited oxidation
of alkenes. p. 371.
B., Eliseeva, O. P., Rozovskii, I. U. G. -
resins based on aminopolyethylene and
derivatives of chromotropic acid. p. 374.
G. V. - Polymorphism of rare earth metals.
Makarov, M. D., Rosolovskii, V. I. A. -
aluminum borohydride. p. 381.
I. U. V., Gostunskaya, I. V., Kazanskii, B. A. -
α-dehydrocyclization of n-paraffins in the
presence of an aluminum-platinum catalyst. p. 383.
PHYSICAL CHEMISTRY:
Vorob'ev, I. U. P., and others. - Determination of the
crystal lattice reversal extent in spinel solid
solutions from their thermodynamic properties.
p. 386.
Levleva, V. V., Iampol'skii, B. I. A. - Structure forma-
tion of carbon black dispersions in polymer solu-
tions. p. 389.
Kuperman, M. E., Kapilovich, S. B., Zomianova,
L. I. - Electron microscope study of the nature of
a carrier and the structure of vanadium contact
masses. p. 392.
Nikola, N. N., and others. - Contact melting in the
gallium - zinc system. p. 394.
Polapov, V. K., and others. - Photoionization of some
compounds containing carbonyl and amine groups.
p. 398.
Pechen, V. A. - Effect of the conformation of mole-
cules on the modulus of elasticity of gelatin films.
p. 402.
Radushkevich, B. V., Fikhsman, V. D., Vinogradov,
G. V. - Uniaxial constant rate tension of highly
elastic liquids as in low molecular polyisobutylene.
p. 404.
Figurovskaya, E. N., Vol'kenshtein, F. F. - Nature
of the reversible and irreversible forms of
chemisorption on semiconductors. p. 408.
Sharafiy, V. A., and others. - Mechanism underlying
radiation-chemical transformations of DNA in
frozen aqueous solutions. p. 412.
Silla, L. A., and others. - Some surface and volume
properties of potassium and sodium salt solutions
of fluorine-substituted fatty acids. p. 416.
CHEMICAL TECHNOLOGY:
Babitskii, D. D., and others. - Polymerization of
1,3-butadiene under the effect of π-allyl systems
studied by the radiochemical method. p. 420.
Tregubov, I. A., Kuzina, L. N., Ivanov, O. S. -
Reciprocal diffusion of tantalum and tungsten.
p. 423.
GEOLOGY:
Kontorovich, A. E., Lagoytsov, A. D., Epshtain, E. N. -
Using electronic computers for the prognosis of the
quality of petroleum. p. 425.
Namostnikov, I. U. G., Rozanov, I. I., Sholifer, M. S. -
Some data on the relation of thicknesses of
Quaternary sediments to the ancient structure of
the north of the European part of the U.S.S.R.
p. 438.
Rukhovich, N. M. - Reasons of horizontal stresses
causing disharmonic folding in the sedimentary
folding of plateaus; as revealed by a study made in
the Baltic Sea region. p. 431.
Smirnov, E. P. - New data on ultrabasics of the
trans-Ural region. p. 435.
Solonov, I. F., and others. - New data on the Pre-
Cambrian of the central part of the Russian Plat-
form. p. 438.
MINERALOGY:
Gavrilin, V. M. - Causes of the formation of native
elements on the surface of the lithosphere. p. 442.
Gradyuk, D. P., Chizhikova, N. P., Travnikova,
L. S. - Nature of isogratic interfaces in
recrystallized from Dagestan. p. 446.
Klovenskaya, N. E., Chomilova, N. M. - First
find of fossil in the weathering surface of granulites.
p. 449.
Serdachukov, D. P., and others. - Vescuvinites from
granite rocks of Central Asia and their chemical
composition. p. 452.
PETROGRAPHY:
Vollanok, N. A., Lobedova, V. S. - Secondary
quartzites of Mikhur-Tula, a new type of metaso-
matically altered rocks in Transbaikalia. p. 456.
GEOCHEMISTRY:
Vinogradov, V. I., Zaritskii, P. V. - Isotopic composi-
tion of sulfur of barite concretions in the Klov marl
of the Donets Basin. p. 459.
Kravchenko, S. M. - Geochemistry of differentiated
tephritic sill of Kamotka (Sakhalin). p. 462.
Ovchinnikov, L. N., Shar, A. S., Baranov, B. V. -
Determination of the age of magnetite by the
alpha-helium method. p. 466.
Pakhomov, S. I., Kiselev, I. G. - New data on the
geochemistry of carbonic acid in abyssal under-
ground waters. p. 469.
ECOLOGY:
Shechegova, A. I., Broslov, I. S. - Reactions of some
rodents to gas gradient of the environment. p. 473.
MICROBIOLOGY:
Irina, T. K. - Nitrogen fixation by the acellular
preparation from Azotobacter vinelandii. p. 476.
VIROLOGY:
Tersikh, I. I., and others. - Inhibiting action of
5-bromo-2'-deoxyuridine and 6-azauridine on the
reproduction of the causative agent of ornithosis.
p. 480.
BIOPHYSICS:
Tokarskaya, V. I. - Radiosensitivity of the natural
complex DNA - RNA from seed embryos. p. 482.
El'piner, I. E., Goriacheva, O. V., Shebalina, A. D. -
Effect of ultrasonic waves and surface forces on
the processes of native DNA isolation from T2
bacteriophage. p. 486.
BIOCHEMISTRY:
Zeliseva, G. N., and others. - Codifying properties
of serine transport RNA from the silk gland of
Bombyx mori. p. 488.
Khanokh, M. A., Hogdanova, N. P. - Catalytic action
of metal ions on the photolysis of amino acids. p. 492.
PLANT PHYSIOLOGY:
Ioffe, A. A. - Correlative relationship between
leaf movement and flowering of Perilla ocymoides L.
p. 496.
PHYSIOLOGY:
Korzhuev, I. A., Glazova, T. N., Aljakrisakata, I. O. -
Quantitative characteristics of myoglobin of
Eudiplos cristatus. p. 498.
Mortysheva, L. I., Sameonova, V. G. - Reaction of
cells of the phasic and ionic type of the optic center
in frog to changes in stimulus duration. p. 501.
Frankfurt, O. S. - Changes in cell sensitivity to
hydrocortisone in the process of carcinogenesis.
p. 505.
EMBRYOLOGY:
Zolina, A. I. - Effect of paromycin on different phases
of egg division in sea urchin. p. 508.
Vol. 160, no. 4, 1988.
Table of contents translated:
MATHEMATICS:
Gel'fand, I. M., Kirillov, A. A. - Structures of the
body of solutions of the enveloping algebra of a
semisimple Lie algebra. p. 776.
Gromov, V. D. - Sequences of linear aggregates of
functions of several complex variables. p. 778.
Dzhirbashian, M. M. - Extension of quasi-analytic
classes of Denjoy-Carleman. p. 782.
Zakhar'yan, V. P. - Quasi-equivalence of bases at
finite centers of Hilbert spaces. p. 786.
Ioffe, A. D., Fikhsimov, V. M. - Uniqueness in problems
of the calculus of variations. p. 788.
Li Hong Tu. - Approximate minimax property of
the R² test. p. 793.
Rubinov, A. M. - Dual production models. p. 795.
Phan Dinh Dieu. - On spaces of constructively infinitely
differentiable functions and functionals contained
in them. p. 798.
Freivald, R. V. - Completeness up to the coding of
systems of functions in K-valued logic and the
complexity of its recognition. p. 803.
HYDROMECHANICS:
Derevianko, N. F., Kuznetsov, I. L., Trokhman, A. M. -
Optical method for measuring the turbulence of
gas flows. p. 808.
Dzhuravov, K., Stanukovich, K. P. - Rarefaction wave
and dispersion of the medium in a variable gravita-
tional field. p. 808.
Pleshchikov, A. S. - General solutions in the theory of
magnetohydrodynamic flows in hypersonic approxi-
mation. p. 813.
ASTRONOMY:
Melnichuk, D. O. - Photoassociation of C₂ mole-
cules in the atmosphere of comets. p. 817.
Iul'ina, O. I. - Quasi-periodic low-frequency fluctua-
tions in solar radiation. p. 821.
MATHEMATICAL PHYSICS:
Khodzhaev, I. Sh. - On the theory of 2(2n + 1) compo-
nent free quantized spinor fields. p. 824.
PHYSICS:
Golubchik, P. I., and others. - Helicophase flash
luminescence in organic liquids under the action
of strong electric fields. p. 828.
Kao Ti, Nguyen-van-Hieu. - Free fields of infinite
multiplets. p. 832.
Nasyrov, F., Shaforski, B. D. - Experimental
determination of the number of fast neutrinos in a
fission spectrum. p. 836.
Sagdeev, R. Z., Galeev, A. A. - Smoothing out the
instabilities of "trapped particles" in a dense plasma.
p. 839.
Sviridov, D. T., Smirnov, I. F. - Quasi-spin forma-
tion in the theory of a strong crystal field.
p. 843.
GEOPHYSICS:
Timofeeva, V. A. - The similarity criterion in the
optics of turbid media. p. 847.
CHEMISTRY:
Bartov, D. V., and others. - Complex formation of
chlorine pentafluoride studied on the basis of ¹⁹F
nuclear magnetic resonance. p. 851.
Bogacheva, E. K., Kiselev, A. V., El'tekov, I. U. A. -
Chromatographic fractionation of polymer on macro-
molecular sieves. p. 854.
Gaimullin, I. F., Gair'yanov, N. S., Kozyrov, B. M. -
Some complex compounds of niobium studied by the
electron paramagnetic resonance method. p. 858.
Egorovskii, A. N., and others. - Proton magnetic
resonance spectra of methyl and ethyl derivatives
of silicon and germanium and the dπ - pπ interac-
tion. p. 861.
Klimova, E., Treshchova, E., Arbutov, I. U. -
Catalytic and thermal reactions of 2,3-dimethyl-
butadiene and isoprene with n-butylglyoxalate and
chloral. p. 865.
Kreslovnikov, A. N., Vigdorovich, V. N., Ulimashev,
V. B. - Thermodynamics of phase equilibria of
solid solutions, vapor in the system indium
arsenide - gallium arsenide. p. 869.
Nemodruk, A. A., and others. - Breakdown of urinary
group in strongly acid solutions. p. 872.

- Petrushin, V. S., Reutov, O. A. - Study of electronic effects of the groups $HgCl$ and Cl_2HgCl by means of nuclear magnetic resonance. p. 876.
- Spitsyn, V. I., and others. - Study of the double oxides of barium and rare earth elements. p. 679.
- Stepanchuk, B. N., Kaz'mina, E. M. - Syntheses of some acylated derivatives of D-xylofuranose. p. 882.
- Temkina, V. I., and others. - Synthesis and complex-forming properties of p-cresol-2-methylimidodiacetic acid. p. 865.
- Toropov, N. A., Ismailov, A. A. - Strontium malite and its derivatives. p. 869.
- TSukervanik, I. P., Veber, N. V. - Acylation of aromatic compounds. Comparative activity of metal halides when used in catalytic quantities. p. 882.
- Chumachenko, M. N., Levina, E. H. - Chromatolumetric determination of carbon, hydrogen, and nitrogen in organic substances. p. 894.
- PHYSICAL CHEMISTRY:**
- Zhavoronov, M. N., and others. - Study of the absorption centers of carbon tetrachloride by means of electron paramagnetic resonance. p. 888.
- Kargin, V. A., S. Golub, T. I., Shaposhnikova, T. K. - Structural modification of the surface of crystalline polymers. p. 901.
- Medvedev, E. S., Oshrov, V. I. - Nanodispersive transitions in solids. p. 905.
- Nadzhimiddulova, M. T., Sharpaty, V. A. - Formation and transformation of radicals in frozen aqueous solutions of monosaccharides. p. 908.
- Chernikhov, A. A., Medvedev, S. S. - Some features of the behavior of polymers in aqueous solutions. p. 913.
- CHEMICAL TECHNOLOGY:**
- Bellina, L. V., Meerson, G. A., Shalova, I. G. - Vibrational forming of blanks from metal-diamond powders. p. 917.
- Murhat, A., and others. - Some features of the kinetics and molecular weight distribution of polymers in the stereospecific polymerization of butadiene in the presence of titanium iodide-based catalysts. p. 920.
- GEOLOGY:**
- Anisimuk, R. M., Klinger, B. Sh. - Age of the Urytn-zhal'skoye series (center Kazakhstan). p. 923.
- Belov, V. P. - Upper Proterozoic (Riphean) gabbro-plagiogranite formation of the Yenisey Range. p. 926.
- Balykin, L. D., Zolotov, K. K. - Formational division of ultrabasic rocks of the Urals. p. 930.
- Kirichenko, L. P. - Remains of Upper Devonian volcanic apparatus in the southwestern Donets Basin. p. 933.
- Kornilov, N. A. - Coexisting of ferruginous quartzites of the Proterozoic as revealed by a study made in the Kriviy Rog. p. 937.
- Lopatin, B. G., Vishnevskiy, A. H. - Lower Proterozoic vein granitoids in the Anzhar Shold. p. 941.
- Melen, S. V. - Age of the Ostrog suite of the Kuznetsk Basin and Namur analogues in continental sediments of northern Asia. p. 944.
- Furdui, R. S. - Tilites in the Late Precambrian in the Kolyma Valley. p. 948.
- MINERALOGY:**
- Iryzgalov, I. A., Rakechev, A. D., Chernyshev, L. V. - Dependence of the optical properties of artificial hexagonal pyrrhulines on their composition. p. 952.
- Zharikov, V. A., and others. - Experimental study of the system $K_2O - Al_2O_3 - SiO_2 - H_2O$ at $T = 340^\circ$, $760^\circ C$ and $P = 1000$ kg/cm 2 . p. 955.
- Krivenko, A. P., Guletskaya, E. S. - Composition of gabbro-syenite formation as revealed by a study made in the Bol'shoy Taskey pluton in the Kuznetsk Alatau. p. 958.
- PALEONTOLOGY:**
- Kul'kov, N. P. - Structure of the brachial apparatus in Brachiopoda of the order Penamerida. p. 963.
- CYTOLOGY:**
- Zaitseva, G. N., and others. - Nucleic acids of different organelles in *Strigomonas oncopelti*. p. 967.
- Golub, E. L., Orlov, G. G. - Formation of filamentous Escherichia coli forms as a result of lysozogenation. p. 971.
- Dolirhanov, D. S., Gol'dmann, I. I., Nechiparenko, V. Kh. - Phenomenon of spatial relationship of homologous chromosomes in the nuclei of somatic *Sus scrofa* cells. p. 974.
- MICROBIOLOGY:**
- Marchenko, I. V., and others. - *Provitridomyces* as a predecessor of green pigments in actinomycetes. p. 978.
- Shevilagin, V. A., and others. - Activation of Rous virus in virus-free tumors of golden hamsters by artificial heterokaryon method. p. 981.
- BIOPHYSICS:**
- Berlin, I. B. - Protective action of cysteamine on chromosome aberrations of leucocytes of the peripheral human blood following its irradiation in vitro. p. 985.
- Karapetian, N. V., Krasnovskii, A. A. - Study of spectral properties and light transformations of bacteriochlorophyll in *Rhodospira* species. p. 989.
- Kazhdin, N. I., Pastushenko-Strelets, N. A. - Effect of ecologic plant cultivation conditions on the frequency of chromosome aberrations in gamma irradiated barley. p. 993.
- BIOCHEMISTRY:**
- Korotkov, N. F., Zhukova, I. G., Smirnova, G. P. - Separation of stalic acid containing sphingolipids isolated from *Strigolaccetolus intermedus* gonads. p. 936.
- Resigneova, Z. G., and others. - Keto and aldehyde acids from bleeding pumpkin sap. p. 1050.
- Kulurin, V. M., Arlankina, I. U., Antanov, I. N. - Relationship between oxidized chlorophyll form and water. p. 1002.
- PLANT PHYSIOLOGY:**
- Korotkova, T. F., and others. - Relationship between the respiration intensity and superoxide root resistance in *Cucumis sativus*. p. 1005.
- EMBRYOLOGY:**
- Kas'tanov, V. L. - Twin malformations originating in the course of centrifugation of fertilized egg cells of *Rana temporaria* prior to segmentation. p. 1039.
- Klaparskaya, O. A. - Differentiation of the eye region of the retinal plate of early neurula in frog embryos free from subsequent induction influences. p. 1042.
- AKADEMIYA NAUK URSR. Kiev. Dopolvid. Seriya A: Fiziko-tekhnicheskii i matematicheskii [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports. Series A: Physical, Technical, and Mathematical Sciences]. Kiev, vol. 30, no. 4, Apr. 1968.**
- Table of contents translated.
- Vinichuk, H. L. - A method for solving a biharmonic equation. p. 291.
- Iudzhuk, P. M., Haranayk, L. F. - Projective representations of finite groups over rings. p. 291.
- Dementov, O. M. - Determination of stochastic measures with the aid of nonlinear and perfectly continuous transformations. p. 296.
- Drubotsenko, V. S., Rafko, V. P. - Representations of a cyclic group by groups of automorphisms of a class of modules. p. 302.
- Kryukov, I. M. - Use of mean functions in solving equations. p. 304.
- Myshakov, I. M. - Explicit iterative methods for solving a multidimensional harmonic equation. p. 308.
- Starobinskiy, V. A., Bolshakovskiy, I. U. T. - One more interpretation of Lezhnevskii photometry. p. 312.
- Shamanskii, V. I. E. - Numerical solution of equations describing regular percolation of ground waters nonlinear infiltration. p. 314.
- Pukhov, H. I. E. - Contribution to the theory underlying the amplitude-pulse method of quasi-analog computers. p. 320.
- Guz', O. M. - General solutions of three-dimensional linearized equations describing the stability of viscoplastic bodies. p. 322.
- Kornilov, O. A. - Effect of the loading frequency on the fatigue of the aluminum alloys D16S4T and D16AT under plane stress. p. 325.
- Larbo, V. D. - Quasi-stationary interpolation of the behavior of a vibroisolation system when in nonsteady-state stochastic vibration. p. 330.
- Ryabchev, V. L., D'ushko, V. M. - Solving the first fundamental problem in elasticity theory for bodies of complex shape. p. 333.
- Ilavella, S. P. - Stressed state of shallow shells under concentrated load. p. 336.
- Grilitskiy, D. V., Lutsytsyna, R. M. - A case of elastic equilibrium of a plate with a curved linear cut. p. 339.
- Ditkhach, M. I. - Reducing various biharmonic boundary value problems in elasticity theory to the solution of one fundamental problem. p. 340.
- Zabashina, V. F. - Actual tensile stresses in D-caprimo. p. 348.
- Nadichukhin, H. M., Kashlitsin, H. O., Havrtiluk, M. I. - Characteristics of tantalum elasticity at 20° to $1800^\circ C$. p. 350.
- Savin, H. M., Ilavella, S. P. - Use of potential theory methods in studying stress concentration near holes in shells. p. 352.
- Pasichnyk, Z. V. - Optimal shape of a heat-conducting circular rib cooled by radiation. p. 357.
- Dzyonyk, L. I. - Calculation of a hypersonic gas flow past a thin axisymmetric body. p. 361.
- Kryp'itskiy, I. I., Zarechnuk, O. S. - $RCr_2Al_2O_3$ compounds in systems of rare earth metals and calcium and their crystal structure. p. 364.
- Kosheliev, M. P., and others. - Determination of gas emanation from a working face with an exposed surface during various conditions of coal exposed machine movements. p. 368.
- Tarasovych, V. M. - Studying operating conditions of a single-coil thermocatalytic methane detector in conditions of forced heat exchange. p. 372.
- Shcherban', A. N., Dobrianskiy, I. U. P. - Methods of calculating the high temperature heating of a mass. p. 377.
- Prospects of further development of social sciences and their role in communal buildup. p. 381.
- Vol. 30, no. 8, Aug. 1968.
- Table of contents translated.
- Hal', M. M., Mosolov, H. H. - Modification of U. D. Sokolov's method for approximate solution of integro-differential equations. p. 675.
- Elzhov, I. I. - Stochastic interpretation of integral. p. 680.
- Ivanov, A. F. - Characteristics of a point of variability with constant relative velocities of thrust-back and adjoining particles. p. 693.
- Kurmyshevskiy, V. D. - Nonlinear character of approximations and some extremum problems. p. 697.
- Kravelchenko, T. H. - Analytic functions of polynomials, roots containing several parameters. Representation of polynomial roots by K_{m1} functions. p. 692.
- Lynn, F. M. - p-Groups, all Abelian noncyclic subgroups of which are invariant. p. 699.
- Martynenko Mayla. - Sum boundary value problems for elliptic systems. p. 890.
- Nesforovich, I. I. - Problems involving eigenvalues for arbitrary nonlinear differential equations of the second order. p. 702.
- Nikolayev, S. I., Ilukhin, A. H. - Method for solving a linear system of differential equations with periodic coefficients. p. 707.
- Olshchik, O. M. - Asymptotic behavior of the solutions of a nonlinear differential equation of the second order with a delay. p. 712.
- Vakulashova, N. O., Oleksandrivna, I. M. - Formulae for the inversion of the integral representation of solutions of the Helmholtz equation. p. 716.
- Pryzva, H. I. - Ergodic theorem for a class of Markov processes. p. 720.
- Rymarenko, V. V. - Methods for fast averaging. p. 723.
- Stryl', V. S., Shanninskii, V. H. - Use of the method in the numerical solution of problems of percolation involving free water surfaces. p. 727.
- Urchenko, O. R. - Existence and uniqueness of a generalized solution for Keldysh's equation. p. 732.
- Isakovich, M. I. - Continuity of choice functions of Gaussian random fields in Hilbert space. p. 734.
- Amsharovskiy, A. T. - Generalization of the method for averaging functional corrections to the solution of a class of integrodifferential equations. p. 737.
- G. A. Van Ph. H. - Stability of a reinforced layer. p. 743.
- Chel', O. M. - Solution of three-dimensional problems concerning the stability of transversely isotropic bodies. p. 747.
- Kalynovych, V. M. - Finding the first integral of motion in navigation equations. p. 740.
- Kolgalin, V. O. - Fundamentals of the theory of flexure of plates made from a material inhomogeneous in the region of plastic strain. p. 752.
- Tarabanko, O. P. - Stressed state of a plate near a hole asymmetrically reinforced by a washer. p. 756.
- Moncharenko, V. M., Ponomarev, S. P. - Acoustic pressure in a liquid filling a cylindrical shell situated in a liquid flow along the generator line. p. 760.
- Kosholov, M. P., Klyomlin, I. A., Tsyndryk, A. S. - Dynamics of methane liberation from coal under different conditions of motion of stoping machines. p. 764.
- FAN VA TURMUSII [SCIENCE AND LIFE]. Issued by Akademiya Nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 7 (1968), July 1968. [In Uzbek]**
- KIMMIA I ZHIHN' [CHEMISTRY AND LIFE]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 8, Aug. 1968.**
- IJETUVOS TSIR MOKSI, U AKADEMIJA. Vilna. Darbai. Seriya V [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Transactions. Series C]. Vilnius, no. 3 (1967), 1967.**
- Table of contents translated:
- Gol'din, M. I., Shukman, H. - Tomato virus diseases in the Lithuanian S.S.R. Report No. 21. Method of sample grouping. p. 3.
- Zitkute, B. - Microbiological characteristics of soils in the hills of Vilnius District. p. 7.
- Lapshenko, N. - Subterranean part of alfalfa in the orod soils of the Lithuanian S.S.R. p. 15.
- Salkovs, B. - Fungarium diseases of pulse crops in Lithuania. Report No. 3. Basic forms of fusarium diseases of lupine and its distribution. p. 25.
- Baranavskis, A., Jankovicius, K., Lapshenko, J. - Quantitative relationship between bacteriophages and zoocarcinogenesis in fertilized ponds. p. 39.

- Report No. 3. Annual cycle of insect development. p. 77.
- Czerzys, J. - Relationship between gas exchange and body weight in *Astacus astacus* L. and *Astacus lepidactylus* Esch. p. 85.
- Ostrovskii, M. A., Mazelkhal, L. - Some mechanisms of neuroendocrine-humoral regulation in the frog retina. p. 91.
- Kairikaitis, T. - Effect of nonspecific therapy on experimental allergic reactions: a critical analysis. p. 99.
- Kaluzh, V. - Hematopoiesis in leucosis with different forms of leucosis. Report No. 2: Morphological changes in the peripheral blood and marrow of leucosis with erythroid form of leucosis in vivo. p. 111.
- Kaluzh, V. - Hematopoiesis in leucosis with different forms of leucosis. Report No. 3: Morphological changes in the peripheral blood and marrow in leucosis with hematoblastic form of spontaneous leucosis in vivo. p. 125.
- Stegaylo, A., Spokleno, A. - Determining the activity of catalytic hydrolyase (4, 2, 1, 1 catalytic hydrolyase) by photoelectrometric method. p. 130.
- Kamenskii, S., Renesko, I. - Effect of ultraviolet irradiation on structural changes in cytoplasmic membrane. p. 147.
- Work of the Institutions of biological sciences of the Academy of Sciences of the Lithuanian S.S.R. in 1956. p. 153.
- Session of the General Meeting of the Academy of Sciences of the Lithuanian S.S.R. dedicated to the 50th anniversary of the Great October Socialist Revolution. p. 177.
- NAUKA I SUSPISTVO [SCIENCE AND SOCIETY]. Issued by "Tovarystvo "Znaniia" Ukrainy" and NSR ["Znaniia" Society of the Ukrainian S.S.R.]. Kiev, vol. 18, nos. 7-8, July - Aug. 1960.
- NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoyuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society]. Moscow, no. 7, July 1960.
- NOVYE KNIGI ZA RUDEZHNO. Series A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografika [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]. Moscow, vol. 21, no. 8, Aug. 1958.
- REFERATIVNYI ZHURNAL: KIBERNETIKA [JOURNAL OF ABSTRACTS: CYBERNETICS]. Issued by Vsesoiuznyy Institut matematicheskoy kibernetiki [All-Union Institute of Scientific and Technical Information] Moscow, nos. 9-7, June-July 1960.
- PRIRODA [NATURE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1960.
- Table of contents translated:
- Mamchur, K. A., Ovchinnikov, N. F. - Principles of simplicity and asymmetry. p. 2.
- Dionoviy, Kogni, G. S., Komberg, D. V. - Quasars, a mystery of the Universe. p. 12.
- Mikhailov, S. V. - World ocean and its future. p. 21.
- Potvin, I. A. V. - Microfertilizers. p. 32.
- Ivanov-Muromskii, K. A. - Electromyocoele; facts, hypotheses, prospects. p. 30.
- Ural, A. D. - Nature of information. p. 48.
- Askariyan, G. A., Radaev, I. P. - Spark of light as a miniature explosion. p. 80.
- Georgiev, G. P. - Genetic transcription. p. 80.
- Nevelin, A., and others. - Rapidly pulsating radio source. p. 76.
- Davydov, G. M. - Stone instead of metal. p. 80.
- Preisenko, V. I. - Black rascal tree. p. 85.
- Emel'yanov, I. M. - Mystery of "Siberian darkness." p. 87.
- Zelenov, K. K. - With lightning in a volcano crater. p. 92.
- Astrov, E. V. - Two hundred years to expeditions organized by the Academy of Sciences. p. 97.
- Potapov, R. L. - Brainblings. p. 104.
- Malakhova, N. P. - Signs on rocks. p. 106.
- Banikov, A. G. - Natural laboratorias. p. 110.
- Kraskova, L. M. - Extracts from irradiated plants. p. 112.
- Arakchidze, V. I. - Highest precipitation rate in the world. p. 125.
- Protsenko, V. F. - Wind power. p. 129.
- AKADEMIYA NAUK SSSR. Astronomicheskiy sovet. Bulletin' stantsii opticheskogo nabludeniya tekstivnykh spatsialnykh Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Astronomical Council. Bulletin of the Station of Optical Observation of Artificial Earth Satellites]. Moscow, no. 50, 1967.
- Table of contents translated:
- Fesenkov, V. G. - Atmospheric refraction tables for different altitudes above the earth's surface. p. 3.
- Gaidamaka, R. T., Mal'nev, V. A. - Investigating the accuracy of determination of equatorial coordinates by various methods with the use of electronic digital computers. p. 14.
- Cleevak, I. U. - Processing of the observations of artificial earth satellites on an electronic computer. p. 22.
- Kiselev, V. A., Ignatova, T. I. - Approximate graphic analytical method for the determination of the ephemerides of artificial earth satellites. p. 24.
- Enago, R. A. - Satellite observation based on the INTEROS program. p. 32.
- Sunin, I. V. - Determining the correction for the acceleration in the processing of visual observations of artificial earth satellites. p. 34.
- Merkushev, V. A. - Multiple marking during satellite observation with a zenith telescope. p. 38.
- Kuryashov, V. I., Moskvin, D. V. - Printing recording device for the identification of observations of artificial earth satellites. p. 41.
- Amelin, V. M. - Determination of the coordinates of observation stations based on synchronous observations of the satellite "Ech-1" (Observations made in 1963). p. 44.
- ASTRONOMICHESKIY ZHURNAL [ASTRONOMICAL JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 46, no. 3, 1968.
- Table of contents translated:
- Mikhailov, A. A. - Secular variations of geographical coordinates. p. 473.
- Sholomitskii, G. B. - Radioluminosity function of galaxies and related problems. p. 478.
- Kut'chik, V. N., Leht, E. E. - Spectra of radio-frequency radiation of radiogalaxies. p. 485.
- Vorontsov-Vel'iaminov, B. A. - Filaments of NGC 7293 and their meaning. p. 489.
- Gudzenko, L. I., Ozernoi, I. M., Chertoprud, V. H. - Analysis of the nature of a quasar nucleus from statistical properties of its optical variability. p. 492.
- Komberg, D. V. - Possible structure of wide emission lines in quasar spectra. p. 504.
- Zvyagina, E. V. - Dwarfish satellites of galaxies noted in "The morphological catalog of galaxies." p. 519.
- Marochak, L. S., Putsyna, N. G. - Gravitational stability of rotating anisotropic stellar systems. p. 519.
- Sobolov, V. V. - Anisotropic scattering of light in semi-infinite atmosphere. Part 2. p. 528.
- Novikov, I. D. - Expected anisotropy of the cosmic radio-frequency radiation in homogeneous anisotropic models. p. 536.
- Rudin, Z. I. - Globular cluster M 13 and the field stars. p. 541.
- Arkhutina, N. M., Kholopov, P. N. - Structure of the star cluster M 39. p. 550.
- Uronnikova, N. M. - Some remarks concerning the structure of the color-magnitude diagram of the double cluster h and χ of Perseus. p. 562.
- Dibai, E. A., Karpov, V. F. - Spectra of H γ -emission objects in diffuse nebulae IC 1396 and Sh 2-130. p. 568.
- Orlov, M. A. - Atmospheres of β CMA stars. Part 2: β Ceti. p. 568.
- Frantzen, R. J. - Effect of the initial chemical composition on the evolution of stars of large masses. p. 572.
- Minayev, A. A. - Widening of hydrogen spectral lines by plasma electrons. p. 578.
- Zlotnik, E. I. - Theory of a slowly varying component of the radio-frequency radiation of the sun. Part 2. p. 585.
- Grobinskii, A. S., Man'ko, V. I., Usanov, L. V. - Radio-frequency radiation of sources on the sun at $\lambda = 1.6$ cm, related to sunspots and flares. p. 597.
- Fomichev, V. V., Cherkov, I. M. - Longitudinal deposit-
- Pesenkov, V. G. - Use of the optical method in counting of dispersed cosmic matter in the high atmosphere. p. 622.
- Dibai, N. B. - Polarization of light, scattered by the troposphere, of some components of the night sky. p. 634.
- Pospergell, M. M. - Measuring and calculation of Stokes instrumental vector. p. 645.
- Gavrilov, I. V. - Some typometric characteristics of the lunar shape. p. 658.
- Khalyullin, Sh. T. - Systems of selenographic coordinates, precession and nutation of the axis of the lunar rotation. p. 663.
- Kirpichnikov, S. N. - Precise calculation of the artificial lunar satellite motion taking into account the pressure of the solar and lunar electromagnetic radiation. p. 675.
- Brandt, V. E. - Phase photoelectric device for registration of moments of star transits. p. 686.
- Goschinskii, I. V., Bysilova, N. V. - Region of reduced brightness of the radio-frequency line $\lambda = 21$ cm near the W 49 radio source. p. 691.
- Sharov, A. S. - Bright stars of the main sequence in the cluster NGC 742. p. 693.
- Matveichuk, L. I. - Position of the source of small angular dimensions in the Cygnus nebula. p. 695.
- ETALONNOE VREMIA V SREDNIE MOMENTY PEREDACH RADIOISGIMLOV [OFFICIAL TIME AT MEAN MOMENTS OF RADIO SIGNAL TRANSMISSIONS]. Issued by Vsesoiuznyy nauchno-issledovatel'skii institut fiziko-tekhnicheskikh i radioelektricheskikh izmerenii [All-Union Scientific Research Institute of Physical and Radio Measurements]. Moscow, Jan. - Feb. 1968.
- PULKOVO. GLAVNAIA ASTRONOMICHESKAI OBIERVATORIIA. Magnitnye polia solnechnykh platen [MAIN ASTRONOMICAL OBSERVATORY. Magnetic Fields of Sunspots]. Prilozhenie k bulletinu "Solnechnye izmeneniya" [Supplement to the Bulletin "Solar Disturbances"]. nos. 1-8, 11-12, Moscow, Jan. 1-15, Feb. 16-28, Mar. 1-15, Apr. 1-30, May 1-31, June 1-30, July 1-31, Aug. 1-31, 1968; Nov. 10-30, Dec. 1-15, 1967.
- c. BIOLOGY
- AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiya Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIDZHAN S.S.R. Bulletin. Series in the Biological Sciences]. Baku, no. 3/4, 1967.
- Table of contents translated:
- Biological sciences in the Academy of Sciences of Azerbaijan and the 50th anniversary of the Great October Revolution. p. 3.
- Abdullayev, I. K. - Present state and future development of research in the field of genetics and selection of perennial plants in Azerbaijan. p. 6.
- Mustafayev, I. D. - Study of wheat selection and genetics in Azerbaijan. p. 16.
- Abuliyev, M. G., Mardanov, A. A. - Explanation of the mechanism of the uptake of mineral nutrients in plant roots. p. 33.
- Kullon, A. M. - Biological and physicochemical methods of producing high-yield and short-vegetation-period varieties and forms of cotton. p. 40.
- Abdullayev, G. F. - Materials on the endomiosis of higher plants of Azerbaijan. p. 50.
- Kurbanov, E. A. - Development of generative organs in rice (*Oryza sativa* L.). p. 67.
- Efendiev, M. R. - Seasonal and annual dynamics of growth in subalpine roe deer meadows of the Greater Caucasus. p. 73.
- Musayev, M. A. - Summary of results and immediate tasks in studying coccidia and coccidiosis of animals and birds of Azerbaijan. p. 80.
- Asadov, S. M. - Ecologic and geographic studies on the helminthofauna of ruminants and fur-bearing animals of Azerbaijan. p. 87.
- Tsanov, D. G. - Summer sojourn of white-eyed and red-crested pochard in Azerbaijan. p. 95.
- Aliev, S. V. - Effect of soil conditions on the viability of injurious culvermas. p. 101.
- Kjoganchenko, M. I., Zaidova, U. G. - New species of *Trichostrogylus assadovi* in sheep of Azerbaijan. p. 107.
- Volobuev, V. R. - Stages of change in the mineral part of soils. p. 110.
- Aliev, G. A. - Mountain-meadow peaty soils of the eastern Caucasus. p. 129.
- Iskenderov, I. Sh. - Change in some physicochemical properties of soils saturated with various cations. p. 139.

- Karaev, A. I., Kachalova, I. A. - Significance of pyruvic acid for the working of the isolated rabbit heart. p. 147.
- Karaev, A. I., Kadyanova, I. I. - Effect of prolonged stimulation of stomach receptors on glycemic reaction of the organism. p. 151.
- Topchubashev, M. A. - New steps in the development of general anesthesiology. p. 158.
- Ganlev, M. K. - Research of pasture diseases in farm animals and poultry. p. 168.
- Abdulajev, D. M. - Strophanthin in treatment of infarct of the myocardium. p. 176.
- Gasanov, A. S. - Study of the effect of vitamins B₁₂ and C on vitamin B₁₂ metabolism in experimental cholesterol atherosclerosis tested in normal animals and in animals with injured liver. p. 163.
- Guseinov, D. U. - Stages in the development of theories on the synapse and its micro-ultrastructural dynamic lability in pathology. p. 195.
- Mamerlov, Z. M., Mirzaitinov, F. M. - Some results of the research and laboratory work in the field of endocrinology. p. 201.
- Akhmedov, A. M. - Proteins and nucleic acids as immunobiological indicators following vaccination of sheep against paratyphoid fever. p. 208.
- Kuliev, A. M., and others. - Microbiological synthesis products based on utilization of transformer oil paraffin. p. 213.
- AKADEMIYA NAUK KAZAKHSTANSKOY SSR, Alma-Ata. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Zoology. Transactions]. Alma-Ata. vol. 29, 1988. Ornithological news of Kazakhstan.
- Table of contents translated:
- Kurelov, M. N., I. A. Dolgushin's role in the development of ornithology in Kazakhstan. p. 3.
- Dolgushin, I. A. - Distribution and biology of *Acanthis flavirostris kirghizorum*. p. 15.
- Dolgushin, I. A., Gavrilov, E. I., Radionov, E. F. - Nesting biology of *Mycerobas carpinus* Hodgson in Kazakhstan. p. 19.
- Gavrilov, E. I., Dolgushin, I. A., Radionov, E. F. - Nesting biology of *Leptoparula sibirica* Sav. in Trans-Alatau. p. 32.
- Gavrilov, E. I., Kovshar, A. F. - Biology of *Pyrrhuloxia sibirica* Hodgson. p. 41.
- Radionov, E. F. - Biology of the wren in Trans-Alatau. p. 50.
- Kovshar, A. F., Rukina, A. K. - Biology of the reproduction of orphee warbler in western Tien Shan. p. 58.
- Mitropolskiy, O. V. - Biology of the desert wheatear. p. 64.
- Mitropolskiy, O. V. - Reproduction of *Oenanthe isabellina* Heugl. on the Mangyshlak Peninsula. p. 67.
- Survillo, A. V. - Ecology of wheatears in the southern part of the Zaysan Depression. p. 71.
- Kuz'mina, M. A. - Comparative characteristics of feeding habits of grouse and pheasants in the U.S.S.R. p. 76.
- Gavrilov, E. I., and others. - Ornithofauna of the Volga-Ural Interfluvium. p. 153.
- Panchenko, S. G. - New data on the ornithofauna of the Semipalatinsk region. p. 208.
- Panchenko, S. G. - Migration of game birds in northern Semipalatinsk Province. p. 212.
- Sema, A. M. - Preliminary results of acoustic recording of starlings in vineyards of Kazakhstan. p. 216.
- Gavrilov, E. I., Radionov, E. F. - First occurrence of redstart in the nesting places of Tien Shan. p. 219.
- Grachev, V. A. - White-winged black tern on Alatau lakes. p. 220.
- Survillo, A. V. - Nesting of little gull and white-winged black tern in the Zaysan Depression. p. 220.
- Fedosenko, A. K. - Feeding habits of long-eared owl in Trans-Alatau. p. 221.
- AKADEMIYA NAUK TADZHIKISTANSKOY SSR, Dushanbe. Otdeleniye biologicheskikh nauk. Izvestiya [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Biological Sciences. Bulletin]. Dushanbe. no. 133, 1988.
- Table of contents translated:
- Sapozhnikov, G. N. - Modern formulation of the problem "man and nature." p. 3.
- Savchenko, M. I., Ashurov, A. A. - Anatomic characteristics of annual shoots of some fruit plants of Tajikistan. p. 8.
- Mitakina, K. A. - Characteristics of carbohydrate content in leaves of main representatives of different vegetation of the Gissar Range. p. 27.
- Ikrumova, M. M., Trifimova, E. P. - Chemical composition of some species of the genus *Astragalus* L. in Tajikistan. p. 42.
- Baeva, V. G. - New species of *Psyllodea* (Homoptera) in Tajikistan. p. 60.
- Martynova, R. F., Chikhatunov, V. I. - Materials on *Collembola* of mountain districts of Central Asia. p. 82.
- Shchelkin, I. U. L. - Biology of some owl moths, little known in the Tajik S.S.R. (Lepidoptera: Noctuidae). p. 77.

- Maltavin, I. S. - Ichneumonidae (Hymenoptera, Ichneumonidae), the parasites of important agricultural pests of Tajikistan. p. 89.
- Makhdumova, Kh. N. - Effect of chronic hypoxia on the estrual reaction of normal and castrated rats. p. 95.
- Khasanova, K. A., Bobokhodzaev, I. A., Zinkharov, S. P. - Some data on venereal diseases of disease caused by *Mollitropium*. p. 99.
- Nikolaeva, M. I. - Carbohydrates stored in some *Eriomys* species. p. 104.
- Sapozhnikov, D. I., Batalova, A. G. - Effect of deuterium oxide on xanthophyll transformation reactions. p. 107.
- Gar'kavtsov, V. A. - Natural infectibility of mollusks by *Faciola* larvae in southern Tajikistan. p. 110.
- Bolotina, Zh. V. - Effect of chronic hypoxia on the sensitivity to insulin. p. 112.
- AKADEMIYA NAUK SSSR. Izvestiya. Seriya biologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Biological Series]. Moscow. vol. 4, July-Aug. 1988.
- Table of contents translated:
- Chernogovskii, V. N., Zaratekai, S. M. - Representation of organs innervated by afferent fibers of the vagus nerve system in the cerebral cortex of a cat. p. 461.
- Minenkova, E. A., and others. - Kinetics of the development of solid tumors sarcoma 37 and sarcoma 180 in mice. p. 475.
- Grigor'ev, M. G., Galichii, V. A., Shipov, A. A. - Compensatory mechanisms of the nervous system in rabbits subjected to unilateral labyrinthectomy. p. 485.
- Tageeva, S. V., Gostimskii, S. A., Ilakova, L. E. - Chlorophyll mutants of a pea with changing leaf color. p. 495.
- Ivanovskaya, E. V. - Ontogenetic polyploidy in caryopsis tissues of graminaceous plants. p. 507.
- Shemakharova, N. M., Mazur, O. P. - Mycorrhiza in walnut (*Juglans regia* L.) and its formation control. p. 517.
- Ruban, E. L., Laidin, S. P. - Study of natural melanins. p. 530.
- Kvashnikov, E. I., Shchetkova, I. F. - New developments in the microbiology of oncolysis. p. 543.
- Ivancova, I. I., Sakharova, Z. V., Ierostimskii, N. D. - Study of the state of unbalanced growth in *Flaetium megastylum* cultivated in chemostat. p. 557.
- Panteleeva, N. S. - Reactions of isotopic oxygen exchange in enzymic systems connected with accumulation and consumption of ATP energy. p. 565.
- Lyaginskaya, O. V. - Antibiotic formation in *Acetivomyces levis* 2038. p. 575.
- Piruzian, L. A., and others. - Autophagy in intact macrophages. p. 579.
- Zavarzin, G. A., Romanova, A. K., Zhilina, T. N. - Relationship between carbon dioxide fixation by *Thiobacillus* and the acidity of the medium. p. 582.
- Zhdanov, N. N., P'ankov, G. N., Domina, A. I. - Direct effect of Co⁶⁰ γ-irradiation on conidia of *Domatiaceae*. p. 584.
- Nikulina, E. S. - Methods for synchronization of bacterial cultures. p. 590.
- Aseova, K. B., Martynova, E. M., Kvaligova, Z. G. - Glutamic dehydrogenase and aspartate aminotransferase in bean nodules. p. 594.
- Protchenko, A. E., Kryukov, E. I., Kuvshinov, E. V. - Wilchosis-brown in man caused by a virus. p. 598.
- Tovarova, I. I., Voronina, O. I., Khokhlov, A. B. - Interpretation of different types of atropine-anticholinergic biosynthesis. p. 599.
- Kustov, V. V., Timonov, L. A. - Problems of space toxicology. p. 605.
- Filippovich, I. V., Koshchenco, N. I., Romanov, E. F. - Binding of mercaptopropylamine with proteins of cytoplasm and cell nuclei of the rat thymus and spleen in vitro. p. 609.
- Korshakov, V. G. - Summary of the jubilee year. p. 814.
- Lange, K. A. - General annual meeting of the Department of Physiology of the Academy of Sciences of the U.S.S.R. p. 821.
- Oganova, E. A. - All-Union Conference on Distal Hybridization in Plants and Animals. p. 823.
- Lapin, P. I., Nekrasov, V. I. - International Symposium on the Biology of Woody Plants. p. 824.
- D'achkov, N. N. - Twenty-fourth Bakh lectures. p. 829.
- AKADEMIYA NAUK SSSR. Sibirskoye otdeleniye. Izvestiya [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Bulletin]. Novosibirsk. no. 10(130), Aug. 1987. Seriya biologicheskaya [Series in the Biological and Medical Sciences]. no. 2.
- Table of contents translated:
- Sergeevskaya, L. P. - Floristic studies of Siberia during the last 50 years. p. 3.
- Reverdatto, V. V., Sobolevskaya, K. A. - History of the research of vegetation and plant resources in Western and Central Siberia during the last 50 years. p. 8.
- Krylov, G. V. - Semicentennial results of forest science and forestry in Siberia. p. 17.
- Terskov, I. A., Gif'el'zon, I. I., Lisevskii, G. M. - Study of controlled biochemistry and population biophysics. p. 27.

- Prozvirova, M. I. - Amino acid effect on the biological activity and microflora of forest soils. p. 32.
- Kronidov, F. P. - Effect of the natural radioactivity of rocks on morphological pine characters. p. 37.
- Sukhorukov, K. T., Eysenlin, E. I. - Acid phosphatase and the calcicolic effect on it. p. 41.
- Al'torgol, V. F., Bukhol'tsev, A. N. - Formation of induced frost resistance in corn seedlings. p. 43.
- Nifontova, M. G. - Affordances of oligodendrocytes and temporal neurons on photosynthesis in lettuce. p. 57.
- Gorshkova, A. A., Spivak, A. I., Podmoshal'skaya, L. V. - Behavior of various ecologic groups of steppe plants during drought periods. p. 83.
- Gubeev, V. N., Gutzilov, I. M. - Formation of pine stands on various soil types. p. 87.
- Khranova, N. F. - Water balance in grafts of *Styrax pinnatis* (Pinus sibirica Du Roi). p. 72.
- Shadrina, N. I. - Characteristics of water balance in swamp forests of the Tunda-Khumi interfluvium. p. 82.
- Zarubin, A. M. - Trees and shrubs in floodplains of Onon and Ingoda Rivers. p. 82.
- Slavina, V. S. - Natural successions of forests in the floodplains of the middle Bureya Valley. p. 85.
- Milutin, L. I., Kul'd'ov, V. P. - Boundary between Dahurian and Siberian larch ranges. p. 91.
- Nikol'skaya, N. F. - Fungous larch and pine diseases in southwestern Yakutia. p. 98.
- Skillingina, T. B. - Growth and development of phytopathogenic fungi in soil. p. 104.
- Vorzhbitskiy, D. N. - *Athalia rosea* (L.) as a weed killer. p. 112.
- Kovshenok, A. V., Kazanova, T. I. - Change in the anabolic dehydrogenase activity in honeyfly cells after poisoning with chlorophyll and gamma hexachlorocyclopentadiene. p. 118.
- Skrinshin, A. O. - Structure of spawning population in spawning course in whitetail of Lake Balkal. p. 121.
- Egorova, A. I., Bab'ova, T. P. - Yeast flora of honey bee (*Apis mellifera* L.). p. 127.
- Volkova, K. K. - Role of the aphidic zone of Lake Balkal in biological processes. p. 133.
- Shchetkova, N. N. - Acetylcholinesterase activity of olfactory epithelium cells in *Rana esculenta* under different experimental conditions. p. 138.
- Dorlyshov, G. D. - Blood groups in southern Altai. p. 143.
- Sukoruk, R. I., Gulin, A. F., Mosolov, A. N. - Relationship between blood lymphocytes in rheumatoid arthritis patients and homologous fibroblasts in vitro. p. 147.
- Romichovskaya, G. M., and others. - Cytological and pathomorphological characteristics of changes originating in spontaneous leukemia in mice of Altai line as affected by deoxyribonuclease. p. 153.
- Dorlyshov, G. D., Buzakov, V. A. - Isolation and properties of deoxyribonuclease from the Altai liver. p. 159.
- AKADEMIYA NAUK SSSR. Zooloicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Zoological Institute. Transactions]. Moscow. vol. 41, 1987.
- Table of contents translated:
- Kuznetsov, V. I. - Leaf rollers (Lepidoptera, Tortricidae) of the Amur-Zeya interfluvium and their ecology. p. 8.
- Sukharova, I. I. - Owl moths (Lepidoptera, Noctuidae) in the oak and larch forests of the Amur Valley. p. 73.
- Kovalov, G. V. - Fauna and ecology of gall-forming insects in the southern part of the Soviet Far East with the description of new species of gall wasps (Diptera, Cecidomyiidae). p. 80.
- Gur'ova, I. I. - Click beetles (Coleoptera, Elateridae) of the Amur-Zeya Plateau. p. 134.
- Dantsig, R. M. - Fauna of acaro insects (Acaricera, Coccidior, Cnecidior) of the Maritime Territory. p. 139.
- Trifilitsyn, V. A. - Ichneumonidae (Hymenoptera) of the Maritime Territory. p. 173.
- Tobias, V. I. - Far East, the center of the abundance of the Helconini (Hymenoptera, Braconidae) in the Palearctic region. p. 222.
- Vol. 42, 1987. Mollusks and their role in biocoenoses and the formation of limnas.
- Table of contents translated:
- Colkov, A. N., Shadrina, O. A. - Mollusks of Poygol Bay (the Sea of Japan) and their ecology. p. 6.
- Grossa, A. V. - Caucasian element in the malacofauna of Romania. p. 155.
- Likharev, I. M., Starobogatov, I. A. - Materials on the malacofauna of Afghanistan. p. 159.
- Lazarova, A. I. - Taxonomy of pond animals (tadpoles, Lymnaeidae, Gastropoda, Pulmonata) from Kazakhstan. p. 168.
- Duonko, I. U. V. - Fauna of freshwater mollusks of southern and southeastern Kazakhstan. p. 205.
- Uvallova, K. K. - New species of terrestrial mollusks from the southern Altai. p. 213.
- Starobogatov, I. A., Starobogatov, E. A. - Composition and zoogeographical characteristics of the freshwater malacofauna in Eastern Siberia and the northern Far East. p. 221.

Table of contents translated:

- Shumakov, E. M. - Agricultural entomology in the U.S.S.R. p. 261.
 Vorontsov, A. I. - Forest entomology in the U.S.S.R. p. 269.
 Balashov, I. U. S., and others. - Medical and veterinary entomology in the U.S.S.R. p. 298.
 Petrashchova, P. A. - Nature of focal transmissible diseases in man. p. 317.
 Rodendorf, B. B. - Phylogeny of insects and paleontological data. p. 322.
 Poltavov, I. A. - Basic prerequisites for the theory of plant protection against pests. p. 343.
 Mazokhin-Porshnikov, G. A. - Learning capability of insects and their ability to generalize visual stimuli. p. 362.
 Rikhter, V. A. - List of new taxa and new synonyms published in "Entomologicheskoye Obozreniye" in 1946-1987. p. 380.

FIZIOLOGIYA RASTENIY [PHYSIOLOGY OF PLANTS].

Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 15, no. 3, May-June, 1988.

Table of contents translated:

- Genkel', P. - On the 125th anniversary of the birth of K. A. Timiriazev. p. 397.
 Tagoeva, S. V., Kazantsov, E. N. - Statistical distribution of cytoplasm and chloroplast vacuolites at various temperatures. p. 402.
 Udel'nova, T. M., Doichenko, E. A. - Participation of manganese compounds in photosynthesis. p. 410.
 Zhabitskiy, Z. I., Gorbavitsov, V. A., Chaplygina, N. S. - Mechanism of the absorption of carbon dioxide by plant leaves. p. 418.
 Kashtanenko, A. G., Nnayrov, I. U. S. - Effect of genetic factors on the photosynthetic apparatus of *Arabidopsis thaliana* (L.) Heyn. p. 422.
 Karanov, E., Imanova, I., Vasilov, O. - Cytokinin activity and chemical structure of some derivatives of N-allyl-N'-phenylthiourea. p. 430.
 Margul, U., Otkov, M. - Correlation between growth and anthocyanin biosynthesis in buckwheat hypocotyle. p. 436.
 Gurevich, B. Kh., Ioffe, A. A. - Physiological rhythms in plant systems; based on diurnal leaf movement rhythms. p. 443.
 Tarakanova, G. A. - Physiological and biochemical changes in bean seedlings in a constant magnetic field. p. 450.
 Zaprometov, M. N., Bukhalova, V. A. - Transformation of C^{14} -labeled phenol compounds in isolated leaf shoots. p. 457.
 Zaitseva, N. A., Ostrovskaya, L. K. - Photosynthetic phosphorylation in chloroplasts of normal and chlorotic plants. p. 464.
 Fedorov, A. K. - Some data on the response of perennial grasses to vernalization. p. 468.
 Sinukhin, A. M., Gorchakov, V. V. - Role of conducting stem bundles in long-distance transmission of stimulation by means of bioelectric pulses. p. 477.
 Rinaev, E. I., Eliseeva, O. I. - Effect of the source of potassium assimilated by plants on the metabolism of nitrogen substances in leaves as related to the organic acid metabolism in them. p. 486.
 Rukhtin, I. U. V., Mikhailova, T. P. - Detoxication of 2,4-D in plants related to its application method. p. 498.
 Zelnalova, S. S., Smirnov, A. M., Nichiporovich, A. A. - Nature of the effect of photosynthetic products of plants grown in light of different spectral composition on the growth of isolated roots in sterile cultures. p. 505.
 Shobetskaya, G. A. - Characteristics of nitrate assimilation by photosynthesizing leaves. p. 511.
 Genkel', P. A., Solov'ev, V. A. - Accumulation and distribution of sodium and potassium in pumpkin plants as a result of substrate salinization with sodium chloride and sodium sulfate. p. 521.
 Shevjakova, N. I., Stroganov, B. P. - Accumulation of sulfoxides of S-allyl acids in cabbage leaves in the presence of Na_2SO_4 . p. 530.
 Zhukovskiy, V. N., Rogachova, A. I. A. - Phosphorylation oxidation coefficient in mitochondria isolated from wilting plant tissues. p. 537.
 Savin, V. N., Stepanenko, O. G. - Effect of Co^{60} gamma rays on water balance and drought resistance in peppermint plants. p. 546.

Vol. 16, no. 4, July-Aug. 1988.

Table of contents translated:

- Vakhmetov, D. B., Zakharin, A. A. - Localization of the receptor in the self-regulation system of potassium accumulation in sunflower plants as related to the hypothesis of cell carriers. p. 589.
 Timashov, N. B. - Effect of boron on oxidative phosphorylation and some other biochemical properties of mitochondria in sunflower and barley. p. 597.
 Palladina, T. A. - Oxidative capacity of mitochondria and adenosinetriphosphatase activity in conducting paths of sugar beet. p. 605.
 Tsybul'ko, V. S., Malashov, F. S. - Flow of assimilation products in sorghum under conditions of the brief interruption of night by light. p. 610.
 Engol', O. S., Kholodova, V. P., Dorozhikina, I. A. - Sucrose accumulation in sugar beet roots. p. 618.
 Smirnova, I. N., Lialin, O. O., Karmayev, V. G. - Depolarization of plant roots by dinitrophenol. p. 625.
 Kusanilina, T. N., Akasheva, N. P., Nikitina, A. A. - Effect of 2,4-dinitrophenol on the photoperiodic flowering reaction in *Rudbeckia bicolor* Nutt. and *Xanthium pensylvanicum* Wall. p. 631.
 Fedorov, V. D., Maksimov, V. N., Gromov, V. M. - Effect of light and temperature on the primary production of some unicellular green and diatom algae. p. 640.
 Trukhin, N. V. - Effect of carbon nutrition on the response of *Chlorocella pyrenoidosa* to blue and red light. p. 652.
 Trubachov, I. K. - Participation of ascorbic acid, hydrogen peroxide and iron in the reduction of nitrates by *Chlorocella*. p. 658.
 Truts, M. I. - Characteristics of the appearance of growth inhibiting substances in *Chlorocella* sp. K culture and the effect of associated bacterial microflora on this process. p. 665.
 Zolotarev, I. S., Molotkovskiy, G. Kh. - Effect of soil moisture and mineral nutrition on sexualization of tissues of three-line corn hybrid Dneprovskiy 98 and its parental forms. p. 674.
 Protasenko, D. F., Shmal'ko, I. O., Rubanuk, E. A. - Drought hardiness of winter wheat as related to its amino acid composition. p. 680.
 Ushakov, A. G., Abdullayeva, T. M. - Growth and physiology of root formation in isolated leaves. p. 688.
 Kluchikov, N. I. - Age-related characteristics of protein synthesis in leaves. p. 690.
 Sannikovova-Blank, G. B. - Utilization of powdered cellulose for thin-layer chromatography. p. 704.
 Samuilov, F. D. - Possibility of the participation of biopotentials in water uptake by plants. p. 706.
 Khuzina, I. G. - Effect of illumination during the initial developmental stage of tomatoes on the formation of their generative organs. p. 713.
 Poltavov, P. V. - Changes in physiological processes in sunflower infected with white rot. p. 716.
 Savchenko, L. S. - Movement of solutions in adult ash tree roots. p. 717.
 Dorsichenko, G. P., Shorshinov, E. A. - Metabolic activity of pea root ribosomes under boron deficiency. p. 720.
 Nilov, V. N. - Methods of evaluating water supply to root systems of a young spruce. p. 722.
 Ivanov, S. M. - Means for preventing promoters desiccation of stone fruit trees. p. 725.
 Izvoshtnikov, V. P., Dakhmof, V. P. - Methods of determining free and bound water in plant objects. p. 733.
 Zlatolov, A. A. - Amount of "bound" water in plants determined by the refractometric method. p. 736.

KANDALAKSHSKIY GOSUDARSTVENNIY ZAPOVEDNIK. Trudy [KANDALAKSHA STATE PRESERVE. Transactions]. Murmansk, no. 5, 1987.

Table of contents translated:

- Blank, V. V., and others. - Ecology of elder after leaving nest. p. 5.
 Kokhanov, V. D. - Time and nature of the sojourn of king eider on the Murmansk coast and White Sea. p. 40.
 Modestov, V. M. - Ecology of birds nesting in colonies; based on observations from the Murmansk coast and Volga Delta. p. 48.
 Skokova, N. N. - Factors determining the state of

LENINGRADSKOYE OBNICHESTVO ESTESTVOISPYATATELY. Trudy [LENINGRAD NATURALISTS' SOCIETY. Transactions]. Vol. 73, no. 1, 1983. Proceedings of meetings and reports, 1980-1981.

Table of contents translated:

- Dzens-Litovskiy, A. I. - Past and present of the Caspian Sea and its gulfs. p. 13.
 D'akovskaya-Savel'eva, E. N. - Board activities of the Leningrad Society of Naturalists in 1985-1986. p. 17.
 Kiselev, N. G. - Sensitive nerve endings in the tissues of our organs. p. 19.
 Rusakov, I. V. - Some problems of the geological structure of the Lovozero alkaline massif. p. 33.
 Zak, S. I. - New data on the geology of the Khibiny alkaline massif. p. 37.
 Katriak, A. I. - Besovetskae as a new stratigraphic unit of the Proterozoic in southern Karelia. p. 41.
 Mikhailov, D. N. - Project of drilling under the earth's crust. p. 40.
 Sergeev, A. S. - Fossils in the Paleozoic complex of ultrabasic alkaline rocks of the Kola Peninsula. p. 48.
 Shalimov, A. I. - Problems of stratigraphy and the origin of the Flysch Tauric series (Crimean Mountains). p. 64.
 Knapkova, T. A. - Nature of the effect of herbicides on graminaceous plants. p. 65.
 Kostayn, N. S. - Interneuronal relationships of the giant cell region of the reticular formation of the brainstem in a cat. p. 69.
 Milokhin, A. A. - Afferent innervation of neurons of vegetative ganglia. p. 71.
 Sivalov, V. N. - Afferent innervation of kidneys. p. 71.
 Shindin, S. M. - Morphology of the synapses in the ganglia of the pelvic plexus in farm animals. p. 73.
 Bereshtina, E. K. - Air ionization and direct current effect on the ciliated epithelium of frog oesophagus. p. 76.
 Vorontsov, I. M. - Some aspects of applying air ionization for diagnostic purposes. p. 79.
 Gantsev, V. A. - Modeling graphite pulse reactor. p. 80.
 Kuz'mina, T. R. - Changes in the electrochemical properties of the blood in an animal dying from an acute loss of blood and following its resuscitation under the influence of air ionization. p. 81.
 Movchan, N. P. - Paralytic nature of nonconditioned cortical suprathreshold inhibition. p. 83.
 Nival'sheva, L. A. - Effect of the central nervous system on the postmortal neuromuscular apparatus. p. 86.
 Polapova, M. M. - Study of ionization in Damby, Adygei and El'brus regions. p. 88.
 Skorobogatova, A. M. - Effect of ionized air on some physicochemical blood properties. p. 91.
 Skorobogatova, A. M., Brilev, M. A. - Effect of air ions on the oxygen saturation degree of the blood in hypoxia. p. 93.
 Chukhlova, E. A. - Effect of air ionization on the vital dye sorption by the different organs of white mice. p. 95.
 Shushakov, A. P. - Dosimetry of ions in therapy. p. 96.
 Dubinskii, A. M., Likholtin, I. P. - Some problems of radiobiological effect. p. 98.
 Makhlina, A. M. - Electrophoretic study of liver proteins and blood serum in radiation sickness. p. 102.
 Vershinskaya, M. I. - Quantitative study of adequacy phenomenon. p. 103.
 Kozhevnikov, V. A. - Methods of automatic analysis of biopotentials and their utilization for discovering weak electric reactions of the brain. p. 106.
 Kopanov, V. I. - Biophysics of visual analyzer excitability changes in sea sickness. p. 109.
 Makarov, P. O. - Role of some organs in measuring time. p. 111.
 Morozov, V. P. - Distinctiveness of vocal speech. p. 114.
 Razumov, S. A. - Microinfrared analysis of the evolution of color vision. p. 122.

- Academy of Sciences of the U.S.S.R. Leningrad, vol. 1, no. 2, 1967.
- Table of contents translated:
- Bagaianova, L. K., Maleskovich, N. V. - Nuclear apparatus of *Pericarpia oryzae* Br. et Cav. in ontogeny. p. 129.
- Istina, Kulik, E. S., Barsukova, L. D. - Mycoflora of soils, water of underground lakes, and of different types of ice of the Kungur ice cave. p. 140.
- Mazur, O. P. - Almond mycorrhiza from Tajikistan. p. 146.
- Nedolintzko, E. L. - Mushrooms of some spruce and pine forests of Leningrad Province. p. 151.
- Popov, P. A. - Microscopic fungi as an object of paleontological studies. p. 158.
- Ezruk, E. N. - Relationship between the causative agents of Verticillium wilt of plants and actinomycetes. p. 164.
- Mazin, V. V., Prosenko, E. P. - Club root of cabbage (*Plasmodiophora brassicae* Wcr.) in an aquatic culture. p. 169.
- Nikolaeva, T. L., Davydov, T. A. - Taxonomy of some phytopathogenic species of the genus *Verticillium* in the U.S.S.R. p. 173.
- Solov'ev, V. A. - Antagonists against *Phellinus* *treinulae* (Bond.) Bond. et Borlas. p. 179.
- Arault, G. R. W. - *Spirasphaera* *horiforme* Boverjick, a new hyphomycete in the U.S.S.R. p. 183.
- Golosov, I. M., Dolushkin, A. N., Koval'skaya, M. G. - Preservation time of the fungus from the genus *Fusarium* in ensilage. p. 184.
- Nazarova, M. M. - New species from the genus *Bolbitis* from the southern Far East. p. 188.
- El'chibaev, A. A. - Xylophilous macrofungi inhabiting grapevine. p. 187.
- Il'vinskiy, M. A. - To the 70th birthday of V. F. Kuprevich, Corresponding Member of the Academy of Sciences of the U.S.S.R., President of the Academy of Sciences of the White Russian S.S.R. p. 194.
- Vol. 2, no. 3, 1968.
- Table of contents translated:
- Bondartseva, M. A. - Study of the developmental process in the microsclerotial form of *Verticillium dahliae* Kieb. a causative agent of cotton wilt. p. 173.
- Egorova, L. N. - Microscopic fungi of soils of the Maritime Territory used for vineyards. p. 180.
- Krasanova, R. V. - Physiological variability of entomopathogenic fungus *Beauveria bassiana* (Bals.) Vuill. Induced by physical and chemical mutagens. p. 183.
- Kokulita, T. G. - Effect of some environmental factors on the development of *Leptomyces lacteus* Ag. p. 193.
- Nikolaeva, T. L. - *Genus Calceotelia* Sacc. in the U.S.S.R. p. 198.
- Romneva, Z. I., Ivanjuk, V. G. - Intraspecific heterogeneity of *Macrosporium solani* Ell. et Mart., a causative agent of early blight spot in potatoes. p. 202.
- Ritshchikova, A. I. - Flora of Fungi imperfecti on wild leguminous plants of the upper Don Valley. p. 210.
- Vladimirova, M. F., Baniyova, V. M., Talova, P. A. - Effect of environmental conditions on the injuriousness of *Plasmodiophora brassicae* Wcr. p. 215.
- Kulichenko, A. N. - Purple spot disease of raspberry caused by *Didymella applanata* (Nees) Sacc. in Altai Territory. p. 220.
- Malkov, A. V. - Biological role of predecessors in suppressing root rot of spring wheat. p. 223.
- Shifman, I. A. - Long-term forecasting of apple scab caused by *Venturia inaequalis* (Cke) Wint. under different ecologic conditions. p. 228.
- Solov'ev, V. A. - Gas balance in aspen trunks as related to the development of decay caused by *Phellinus* *treinulae* (Bond.) Bond. et Borlas. p. 233.
- Vinba, E. K. - New and rare species of the genus *Ramularia* Sacc. from the Latvian S.S.R. p. 242.
- Kamyshko, O. P. - *Aspergillus roseovolutus* Kamyshko sp. nov. isolated from soil. p. 243.
- Pulozova, N. L. - *Phyllachora hordei* Polos, sp. nov. discovered in Leningrad Province. p. 245.
- Seman, E. O. - New species of *Verticillium* *tamosum* Seman, isolated from cotton. p. 246.
- Voronina, E. G. - Entomophthorose pathogenesis of *Acyrtosiphon pisii* Kalt. p. 250.
- Prosenko, E. P. - New data on sclerotial diseases of tulips. p. 252.
- Filippova, G. G. - Forecasting the duration of incubation period of *Phytophthora infestans* (Mont.) D. By. on tomatoes. p. 254.
- Cheremisinov, N. A. - Third Transcaucasian Conference on Sporo Plants. p. 258.
- Falov, A. I. - Intercollegial conference on biological and ecological problems of edifications and subedifications of plant communities. p. 260.
- Vasin, V. B. - First All-Union Conference on Root Rot of Grain Crops. p. 261.
- Gorlenko, M. V. - N. I. Vavilov and some problems of phytopathology; on the 80th anniversary of his birth. p. 263.
- Pozhar, Z. A. - Vasilii Nikolaevich Shevchenko; on his 70th birthday. p. 265.
- Fateev, A. I. - Nikifor Andrianovich Cheremisinov, on his 60th birthday. p. 267.
- U.S.S.R. J. Microb., vol. 37, no. 2, Mar.-Apr. 1967.
- Table of contents translated:
- Uflov, T. M., Kondrat'eva, E. N., Boichenko, E. A. - Iron and manganese content in various photosynthesizing microorganisms. p. 197.
- Karashev, I. U. N., Ipatova, A. P. - Rejection of peptones by *Candida tropicalis* cell extracts. p. 201.
- Erumenko, V. V., Evseev, L. P., Nislafer, A. A. - Asparaginase of *Bacterium cadaveris*. p. 207.
- Rubashko, T. A., Vechev, A. S. - Effect of cultivation conditions on the decarboxylase activity of *Actinomyces aureofaciens* LSJ-2201. p. 213.
- Il'ka, T. K. - Study of the role of nolydewum in hydrogen-donor system of nitrogen-fixing mycobacteria. p. 217.
- Zhuikova, A. I., Kozlova, V. K. - Cholesterin oxidizing ability of *Actinomyces streptomycin*, strain 2195. p. 223.
- Durnakova, T. P., Striatin, G. K., Savurov, N. N. - Tryptamine transformation by *Aspergillus niger*. p. 228.
- Smakova, T. I., and others. - Transformation of high-paraffin petroleum as affected by vital activity of microorganisms under anaerobic and aerobic conditions. p. 233.
- Shenro, L. A., and others. - Role of oxygen balance in the vital activity of some blue-green algae. p. 239.
- Dudukhina, E. G., Bezhireva, M. K. - Relationship between separate classes of lipids synthesized by *Blakeslevia trispota* during its growth as related to carotenogenesis. p. 245.
- Giesingh, K. P., and others. - Effect of temperature and nitrogen source on the lipid biosynthesis by yeast grown on N-lactates. p. 251.
- Rizárov, K. I., Simcova, I. - Study of carotenoid pigments in two *Rhodospirillum rubrum* strains. p. 255.
- Nikifor, K. A. - Effect of light on the qualitative composition of pigments in *Mycobacterium lacticola* 35. p. 258.
- Samoylov, P. M., and others. - Effect of carbon source on the nitrate acid release and protein synthesis in *Mycobacterium luteum*. p. 264.
- Gusakov, V. A., Runov, V. I. - Comparative study of metabolic activities in hydrocarbon-oxidizing microorganisms. p. 269.
- Lipunova, T. S., Gal'tsova, R. D. - Effect of ionizing radiation on the decomposition and accumulation of reserve carbohydrates and the biosynthesis of steroids in yeast. p. 272.
- Ellinov, N. P., Surinova, M. D. - Chemical composition of polysaccharides isolated from *Candida shepardi* and *Candida tropicalis*. p. 277.
- Vysheva, E. O., Mel'esheva, L. V. - Identification of a factor in the extracts of *Staphylococcus aureus* causing formation of penicillinase in *Staphylococcus aureus* cells. p. 281.
- Egorov, N. S., Baraeva, I. P., Avad Hassan Mohamed. - Effect of organic acids on the growth of *Streptococcus lactis* and the formation of niacin. p. 286.
- Kolikovskaya, O. K. - New psychrotolerant agent of peptic fermentation similar to *Clostridium pasteurianum*. p. 293.
- Minkovich, I. G., Stepanova, N. V., Ierusalimskii, N. D. - Improvement of working conditions of a device for continuous cultivation of penicillin acid bacteria. p. 298.
- Peshkov, M. A., Koptonova, A. V., Zubisova, N. T. - Synchronization of *Bacillus brevis* var. G. B. culture and its cytological investigation. p. 309.
- Malkov, M. A. - Differentiation of nuclei in *Penicillium nigricans* Thom. p. 312.
- Kate, L. N., Voinova, E. A., Muroz, A. F. - Changes in the ultrastructure of *Escherichia coli* as affected by antibiotics of penicillin group and 6-aminopenicillin acid. p. 316.
- Kvasnikov, E. I., Krivitskii, I. P. - Some characteristics of the distribution of micro-organisms, assimilating hydrocarbons, in soils of oil deposits. p. 321.
- Zinenko, T. G., Gornak, N. M., Kovalova, M. K. - Characteristics of some strains of penicillin bacteria isolated from soils of the White Russian S.S.R. p. 327.
- Partskina, O. M. - Parallel application of inoculation methods and capillary microscopy in studying the soil microflora. p. 330.
- Dalakov, N. M. - Sensitivity of *Azotobacter* to some antibiotics and herbicides. p. 338.
- Sorokin, I. U. I. - Primary production and microbiological processes in Lake Gek-Gel'. p. 345.
- Abdirov, Ch. A., Konstantinov, L. G., Sagidullayev, N. S. - Microbiology of Lake Karakum'. p. 356.
- Ivafin, A. V. - Microbiological characteristics of *Kuybyshev* Reservoir in 1965. p. 360.
- Imshenetskiy, A. A. - Report on the Institute of Microbiology of Rutgers University (USA) for 1966-1967. p. 371.
- Iakov Isaakovich Rautenshteyn; on his 70th birthday. p. 375.
- Shavlovskii, G. M., Shugovchikova, I. P. - Flavonoids role in *Candida guilliermondii* during logarithmic growth phase and its changes as affected by different cultivation conditions. p. 389.
- Korotkova, A. I., Maksimov, V. F., Shtrikova, I. N. - Kinetics of DNA biosynthesis in *Escherichia coli* K-125 under synchronous growth conditions. p. 395.
- Iakovlev, B. V. - Inductive synthesis of the *lactase* system for 2-oxoglutarate (α-ketoglutarate) and its transformation mechanism in *Escherichia coli* K-12. p. 401.
- Ivanov, I. D., and others. - Study of γ-irradiation spectra of hydrogen-fixing bacteria. p. 407.
- Al'-Nuri, M. A., Egorov, N. S. - Effect of penicillin on nucleic acid metabolism in *Actinomyces pharyngidis* strain 35. p. 413.
- Kondrat'eva, E. N., Krasnikova, E. N., Novikova, L. M. - Production of polysaccharides by photosynthesizing bacterium. p. 417.
- Saidova, A. I., Voshlov, I. A., Grachova, I. M. - *Escherichia coli* 20-D, producer of mycolytic enzymes. p. 425.
- Zaretskaya, I. I., and others. - Decacylation of amino acids with the help of *Proteinolysis lactalis*. p. 430.
- Shonakhmanov, N. M., Dmuk, I. P. - Production of group B vitamins by active and little-active strains of mobile bacteria in biomass. p. 433.
- Kazanskaya, T. D., Chukova, A. P. - Production of valine, acetone and organic acids by *Aerobacter cloacae* (NM-30) in relation to acetic acid content. p. 440.
- Larikova, G. A., Gal'tsova, R. D. - Biosynthesis of lipids by radioresistant and radioresistant yeast organisms. p. 448.
- Zonova, G. M. - Molecular pigments of nonchromogenic actinomycetes. p. 454.
- Kornilov, T. V., Shugovchikova, I. N. - Study of properties of penicillin inhibiting strains of *Paenibacillus pumilus*. p. 460.
- Romashov, M. N., and others. - Study of antifungal properties of 8-oxoquinoline tartrate. p. 466.
- Khavina, M. S., Shvyl'ova, N. D., Rautenshteyn, I. A. - Bacteriophage for bacteria of the genus *Hydrogenomonas*. p. 471.
- Kozlenko, V. I. - Study of a spectrum of lytic action and ecological relationship of actinomyces *Streptomyces* *actinomyces* *actinomyces* culture. p. 477.
- Harvath, J., Török, G., Ocseny, A. - Cytological examinations of the variability of *Streptomyces*. p. 482.
- Krasnikova, E. N., Dmuk, V. I., Pivovarov, G. E. - Spore structure in two new species of anaerobic bacteria: *Clostridium* *taeniocapsa* n. sp. and *Bacillus* *postellii* n. sp. p. 488.
- Zharikova, O. G., and others. - Study of spore formation in *Bacillus brevis* var. G. B. p. 491.
- Il'chenko, G. B., and others. - Some physiological and biochemical characteristics of *Staphylococcus aureus* mutants with inhibition defect. p. 497.
- Golovisova, V. A., Gnsakova, R. G., Korovkina, A. S. - Dissociation of *Mycobacterium tuberculosis* 103 culture into S- and R-forms. p. 505.
- Shapovalov, V. N., Kozlova, I. I., Arkatova, Z. A. - Study of the microflora of petroleum-contaminating waste waters. p. 511.
- Khaslov, K. M. - Microbiological processes of extracellular hydrolysis of polysaccharides dissolved in seawater. p. 518.
- Sorokin, I. U. I. - Processes of chemical and biological oxidation of hydrogen sulfide in water-lake of nitrate lakes. p. 523.
- Novokulova, M. I., Horvath, F. S. - Nature of the *Streptomyces* *actinomyces* *actinomyces* and *actinomyces* bacteria in soils of Lake Balkhash. p. 534.
- Potomko, I. I. S. - Seasonal dynamics of total number and biomass of bacteria in Naroch Lakes. p. 540.
- Peshkov, M. A. - New highly productive nutritive media for Caryophyllon and a method of quantitative evaluation of bacterial yield. p. 548.
- Simon, A. - Quantitative evaluation of autographs. p. 552.
- Imshenetskiy, A. - Symposium on sterilization of tools and materials in relation to space studies. p. 561.
- Imshenetskiy, A. - Research organization and trends in the Institute of Applied Microbiology of Tokyo University. p. 568.
- Imshenetskiy, A. A. - Second International Conference on Applied Microbiology. p. 571.
- Sofman, A. Vukman; on his 80th birthday. p. 574.
- MOLEKULARNAIA BIOLOGIYA (MOLECULAR BIOLOGY). Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Bondelskiy, K. M. - Integral analysis of the kinetics of enzymatic reactions. p. 3.
- Vasilevskii, A. A. - Regulation of synthesis of genetic repressors in bacteria. p. 13.
- Evdigov, V. B., Sadovnikova, N. A., Olovian'skaya, G. D. - Photochemical relationship between chlorophyll and plastoquinone. p. 21.

- ... of the plant kingdom, p. 45.
- Shorikov, V. T., Goryunov, A. L. - Synthesis of the units of immunoglobulin molecules in vitro, p. 53.
- Idova, O. O., Kisilev, L. L. - Enzyme-substrate complexes between anthracyl-RNA-synthetases and transfer RNA fixed in the column, p. 60.
- Favorova, O. O., Spasokukalskiy, T. N., Kisilev, L. L. - Two forms of glycyl-RNA-synthetase in the rat liver, p. 69.
- Smirnov, O. P., Lukandin, E. M., Grigoriev, G. M. - Nuclear ribonucleoproteins containing informational RNA. Report No. 4: Structural organization of nuclear complexes, p. 79.
- Bard, G. I., and others. - Absence of the components of the phosphotransferase system in *Escherichia coli* K-12 mutant with damaged system of the carbohydrate transport, p. 89.
- Spirin, A. S., and others. - Self-assembly of ribosome-like particles from RNA and protein in vitro, p. 95.
- МОСКОВСКОЕ ОБЩЕСТВО ИСПЫТАТЕЛЕЙ ПРИРОДЫ. Bulletin. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section]. Moscow, Newsletters, vol. 72, no. 8, Nov.-Dec. 1967.
- Table of contents translated:
- Koshkina, T. V. - Population regulation of the abundance of rodents as exemplified by the red vole of the Sakhalin and Norwegian lemmings, p. 5.
- Larin, B. A. - Effect of trapping on the muskrat population in the Bolshaya Laka region, p. 21.
- Kurzhberg, E. L. - Intensity of forest exploitation and change in bird population in European southern taiga forests, p. 32.
- Osmolovskaya, V. I. - Agricultural significance of the rook, p. 37.
- Shilko, A. A. - Ecology of terrestrial mollusks of the Kula Peninsula, p. 42.
- Bogoslovskiy, A. S. - Materials on rearing eggs of the Rollers, Report No. 2, p. 46.
- Kerkis, K. A. - Role of ecologic, conotic, anthropogenic and landform-historical factors in determining the composition of halophyte coenoses of the Baraba Forest Steppes, p. 68.
- Suvorov, P. A. - Biology of Fomes planticola (Fr.) Cke. p. 80.
- Chubirko, M. M. - Microsporogenesis of *Lotus corniculatus* L., p. 93.
- Relators of fruit nonmucination proposed by N. N. Kaden and M. V. Kirpichnikov, p. 101.
- Goldina, A. A. - Evolution of the extremities of giraffe (*Giraffa*), p. 107.
- Nenadkhov, G. I. - Comparative characteristics of some morphological indices in captive and wild animals, p. 120.
- Borotogelskaya, M. B. - New bonyon genus from Oligocene of Kazakhstan, p. 128.
- Puzanov, I. I. - In memory of M. P. Rozanov (1891-1968), p. 138.
- Brief news, p. 138.
- Supplements, p. 140.
- РАСТИТЕЛЬНЫЕ РЕСУРСЫ [PLANT RESOURCES]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 2, 1968.
- Table of contents translated:
- Fedorov, A. A., Sokolov, V. S., Nikko, R. A. - Methods and objectives of studying the oilseed plants in the U.S.S.R., p. 143.
- Ostrovskiy, N. I., Bantkovskaya, A. N., Shalagina, A. I. - Ergot resources in the U.S.S.R. Report No. 1. Regions of stable epiphytism of the fungus, distribution of alkaloid races, future supply of natural ergot, p. 162.
- Suslova, T. A., Sharygina, I. S. - Location and content of essential oil in *Asarum europaeum* L., p. 173.
- Piglevskiy, G. V., Kovalov, V. I., Moshcherluk, G. I. - Introduction of *Thymus caroli* L. geraniol-containing plant, in Moldavia, p. 170.
- Kozhin, S. A., Senchenko, G. G. - Essential oil from the roots of *Pouzoloma palustre* Moench., an oilseed plant, p. 183.
- Chirkina, N. N., Khorst, T. P. - Antibiotic activity of essential oils from some wild plants of the Crimea, p. 186.
- Klyashev, L. K., Baltanova, G. R. - Santonin accumulation dynamics in *Artemisia cinna* Berg. ex Poljak., p. 189.
- Seplan, I. I. - Morphology of the germination of *Parax glaucus* C. A. Mey. and the structure of its embryo and seedling, p. 195.
- Kharukov, M. F. - Introduction of *Solanum laciniatum* All. in the Krasnodar Territory, p. 205.
- Смирнова, А. Д., Уракова, А. К. - Children's poisoning cases with fruits of *Frangula alnus* Mill., p. 237.
- Qasestan, F. T., Rastukova, V. A., Shikarenko, A. L. - Study of triterpenoids and flavonoids from *Rhododendron crataegium* Pall., p. 240.
- Zakharov, A. M., Borlaev, K. I. - Looking for plants, containing biologically active substances, in Central Asia and Kazakhstan, p. 243.
- Belova, N. V. - Chemical study of plants of the genus *Rhododendron* L., p. 258.
- Ivashin, D. S. - What kind of maps are needed for studying the resources of wild medicinal plants, p. 273.
- Kharkovich, S. S., Sokolov, V. S. - Fourth Symposium on new sedge plants, Kiev, July 4-7, 1967, p. 280.
- Fedorov, A. A. - In memory of Modest Mikhailovich M'In, the anniversary of his death, p. 286.
- Chudakov, N. I., Chudakova, I. I. - Vasilii Mikhailovich Gorodkov (1893-1953): the 10th anniversary of his death, p. 289.
- РЕФЕРАТИВНЫЙ ЖУРНАЛ: БИОЛОГИЧЕСКАЯ ХИМИЯ [REF. JOURNAL: BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnot informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 14, July 1968.
- РЕФЕРАТИВНЫЙ ЖУРНАЛ: БИОЛОГИЯ [REF. JOURNAL: BIOLOGY]. Issued by Institut nauchnot informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1968.
- RUSSIA (1923-). U.S.S.R. i Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshego shkol'noy biologicheskoi nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools, Biological Sciences], Moscow, vol. II, no. 7351, 1968.
- Table of contents translated:
- Akceva, S. L. - Criteria of the possible existence of active life on planets nearest to the earth, p. 6.
- Belousov, L. V. - Interpretation of the real order of morphogenetic processes in *Obelia* levent., p. 21.
- Shim'yan, G. E. - Relationship between fatness and weight of some sea-bass fish species of the Azov-Black Sea basin, p. 28.
- Prokof'eva, I. V. - Feeding habits of yellow hammer (*Emberiza citrinella* L.), p. 32.
- Vorzhbitskaya, N. I. - Differentiation of muscle cells of the stomach of white rats during various periods of postnatal ontogeny, p. 38.
- Polikova, I. I. - Hippocamp functional condition changes following arrest of theta rhythm, evoked by inactivation of the parition, p. 39.
- Salonov, V. A., Dzhurkin, R. A., Soslanov, E. I. - Regulating effect of the stimulation of the vagus nerve on the activity of respiratory center neurons, p. 44.
- Penner, Sh. D. - Change in the myocardium following cranio-cerebral hypothermia, p. 47.
- Sorgova, N. T. - Development of the skeleton, bone marrow, and hematopoietic function of cattle during embryonic period, p. 50.
- Levin, S. I. - Functional disorganization of choline receptor protein structures, p. 53.
- Chenyshev, V. I., Tetichenko, M. M., Kozlov, I. P. - Electrochemiluminescence method for evaluating biological activity of toxic products, p. 57.
- Concharenko, E. N., Subbotina, S. M., Alieva, L. I. - Effect of ionizing radiation on serotonin content in rat tissues, p. 61.
- Riabkova, L. S. - Polymorphism of tetrahedral fern spores in Tajikistan, p. 66.
- Ermakova, I. M. - Age-related state of *Festuca pratensis* L., p. 70.
- Solov'eva, P. P. - Flortette findings in lower Dagestan, p. 78.
- Zagorodnitskaya, G. I. - New occurrence of *Epipogon aphyllum* (Schmidt) Sw. in Moscow Province, p. 83.
- Fedorov, N. I., Stalchenko, N. I. - Carbon and nitrogen supply sources for *Pontopsis annosa* (Fr.) Bond. of Stage, p. 87.
- Bondarevskaya, E. G., Mirchuk, T. G. - Effect of *Pontopsis purpurascens* Stoll. toxin on the activity of respiratory enzymes in peas and wheat, p. 92.
- Salanova, V. V., La Van Ty. - Chromatographic division of *Phaseolus aureus* Roxb. (Pip.) seed proteins on hydroxyapatite, p. 98.
- Shatalkin, A. I. - Similarity coefficients in taxonomy, p. 124.
- Shagoshnikov, V. N., and others. - Experimental study of anticarcinogenic properties of greases infected with fungi, p. 134.
- TSITOLOGIYA [CYTOLOGY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 5, May 1968.
- Table of contents translated:
- Burktonius, S. H. - Assembly of supramolecular structures, p. 533.
- Dmitriyeva, N. P. - Electron microscopic study of ribosomal complexes in ultrathin sections of the rat thyroid gland tumor, p. 548.
- Soleznova, V. P., Kuznetsov, V. M. - Changes in the ultrastructure of macrophages of guinea pigs in the process of phagocytosis, p. 553.
- Fribolovskiy, A. I., and others. - Precursor cells for oncogenic and hemopoietic tissues. Analysis of heterotopic transplants of the bone marrow, p. 557.
- Gol'dman, I. L., and others. - Spatial distribution of chromosomes in the cell nucleus of somatic human tissues. Report No. 2. X-chromosome, p. 588.
- Poravoshchikova, K. A., and others. - Isolation and some properties of nuclear membranes in animal cells, p. 573.
- Ghettie, A. A., Vinogradova, I. A., Vorob'ov, V. I. - Changes in the histone composition at the early stages of embryonic development in sea urchin and larch, p. 581.
- Doroshenko, N. V. - Effect of energy metabolism inhibitors on the uptake of sugars in the frog gastrocnemius muscle, p. 588.
- Yelmina, O. V. - Histocientical study of mitochondrial glycerophosphate dehydrogenase in secretory hypophyseal nuclei, p. 593.
- Antonov, L. M., Pozharov, L. Z. - Nucleic acids in neurons and neuroglia of the rat cerebellum and hypothalamus following adrenalectomy and hydrocortisone injection, p. 599.
- Shvomborger, I. N., Vakhlin, I. U. - Evolution of cell populations in rat rhabdomyosarcomas. Report No. 1. Cell elements, p. 604.
- Vakhlin, I. U., Shvomborger, I. N. - Evolution of cell populations in rat rhabdomyosarcomas. Report No. 2. Variability during transplantation, p. 617.
- Darobolov, G. M., Sokolov, V. A., Turavov, K. K. - Study of temperature effects on proteins by fluorescence method, p. 626.
- Kozlova, N. V. - Fluorescence of the chick embryo liver tissue in the visible region of the spectrum, p. 646.
- Trachov, A. T., Dovzhenko, L. I. - Elaboration of the technique for producing temporary preparations used in studying mitosis and meiosis in buckwheat, p. 650.
- Karanukhov, V. N., and others. - Microspectrofluorimetric based on standard dials and dials, p. 654.
- UKRAINS'KYI BIOKIMICHNYI ZHURNAL [UKRAINIAN BIOCHEMICAL JOURNAL]. Published by Institut Biokhimi Akademii nauk URSR [Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 40, no. 2, 1968.
- Table of contents translated:
- Matsuka, H. Kh., and others. - Acceptor activity of transfer RNA in starvation, p. 115.
- El'stka, A. V., Matsuka, H. Kh. - Changes in the set of individual tRNA in mammary gland cells as related to the quality of synthesized proteins, p. 120.
- Gol'dshein, B. L., Obolenskaya, M. I. - Relationship between iron content in RNA and aging, p. 120.
- Epehina, M. M., Nikonova, V. O., Spilioti, Z. I. - Effect of ascorbic acid on oxidative phosphorylation in brain mitochondria following hypoxia, p. 131.
- Kura'skiy, M. D., Hulenko, N. M., Fedorov, O. M. - Effect of serotonin on the activity of nucleoside-triphosphate hydrolases in the brain and liver of rabbits, p. 136.
- Durnbaum, V. I. - Study of glycoproteins of water-soluble proteins from the brain tissue, p. 140.
- Smolov, A. A. - Some properties of phosphatide peptides of the brain tissue, p. 148.
- Tashmukhamedov, B. A., Khalimadov, A. O., Pakhidi-nov, P. - Aclomycinlike protein of cell membranes of the kidneys, p. 158.
- Zagorodnitskaya, P. P. - Cytochrome oxidase activity of the cerebral cortex tissue in experimental traumatic shock, p. 180.
- Huliy, M. F., Matsul, S. P., Pechonova, T. M. - Formation of acetyl phosphate from citric acid and the

- revertibility of this process. p. 163.
- Iuliy, M. F., Mel'nychuk, D. O., Klymenko, M. D. - Effect of sodium bicarbonate, Mn^{++} , Mg^{++} , and Zn^{++} on the intensity of reformation of proteins, glycogen and lipids in the rabbit liver and muscles. p. 167.
- Sokolova, E. V., Shalagina, V. G. - Role of corticosteroids in the reaction of the thyroid gland and noradrenalin of the brain in cold stress. p. 173.
- Babak, M. A., Budzyk, V. D., Vdovychenko, V. L. - Effect of insulin, progesterone and thyroxine on respiration of ascitic Ehrlich's cancer cells. p. 177.
- Goltsov, K. K. - Effect of vitamin D on calcium and phosphorus content in white rat bones as related to the amount of calcium and fat in food. p. 183.
- Tsyperovich, O. S., Halych, I. P. - Obtaining highly purified α -amylase from *Aspergillus oryzae* and its properties. p. 189.
- Dmytrenko, M. P., Phakadze, H. O. - Study of protein fraction in rabbit skeletal muscle myofibrils soluble in low tonic strength salt solutions. p. 190.
- Kalinin, F. L., Pel'ek, Ch. M. - Oxidative phosphorylation in mitochondria of barley sprouts in the presence of gibberellin A₃. p. 201.
- Surlina, A. G., Tseveleva, L. A. - Content of static acids in the organs and blood serum of rats of different age groups. p. 205.
- Ilofta, I. A., Borodai, H. P., Kas'lan, H. H. - Age dynamics of blood serum proteins in farm animals. p. 209.
- Olenicheva, L. S., Alarova, G. T. - Deamination of amino acids by plague microbe. p. 213.
- Kobozhev, H. V., Azhylev, I. I. - Preparative electrophoresis in saccharose density gradient. p. 217.
- B. I. Gol'dshtein, an obituary. p. 222.
- UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL].** Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 12, no. 1, 1968.
- Table of contents translated:
- Khalikov, D. R., and others. - Electron paramagnetic resonance and infrared spectroscopy methods of studying nucleic acids isolated from cottonseed. p. 3.
- Mirsalikhova, K. M. - Mechanism of active ion transport in cells of blue-green algae. p. 6.
- Arslanova, S. V. - Conjugate oxidative phosphorylation in cotton seedlings under normal conditions and following gamma irradiation. p. 9.
- Kiselev, R. V. - Survival of *Bacillus cereus* var. *Galleriae* Isak, in soil. p. 13.
- Mavlan, M. I., Gullamova, N. - Characteristics of asporogenic yeastlike organisms. p. 16.
- Petrushenko, O. P., Savich, L. F. - Synthesis of biologically active substances by rod bacteria and the enzymatic activity of plants. p. 20.
- Tolmachov, V. B. - Effect of succinic acid on cotton in saline soils. p. 25.
- Tursunov, Z. T., Ermalova, D. U. - Effect of protein nutrition on the electrical activity of the cerebral cortex. p. 28.
- Umusov, A. I. U. - Role of cell mechanisms in the adaptation of the organism to high temperatures. p. 32.
- Nesmetanova, A. D. - Some data on nectaries of *Hibiscus cannabinus* L. p. 38.
- Nilazov, B. M. - Some anatomical data on *Saponaria officinalis*. p. 41.
- Saidov, D. K., Shamsulvalieva, L. A. - Morphoanatomical structure of *Glycyrrhiza glabra* L. seeds and embryos. p. 45.
- Ibragimov, A. A., Khazanovich, R. L. - Anatomical study of *Agrostis aytica* Juz. p. 49.
- Andrushko, A. M., Krasil'nikov, E. N. - Infestation of the blood of reptiles of Central Asia by parasites. p. 54.
- Sabirbaev, A. S. - Materials on the distribution and ecology of the jerboa *Allactaga tuculus vexillarius* Evermann of the Ustyurt Upland in Kara-Kalpak. p. 57.
- Matcharov, H. M. - Study of behavior of domestic and wild carnivorous animals in Bakhara Province. p. 60.
- Serchinskaya, L. E. - Effect of various ways of cotton pollination in the fertilization process. p. 63.
- VESTNIK ZOOLOGII [REVIEW OF ZOOLOGY].** Organ of Institut zoologii Akademii nauk Ukrainekoi SSR [Institute of Zoology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Gimmel'reich, G. A. - Effect of nutrition function in the cephalic intestine formation in vertebrates. Report No. 1: Primary water vertebrates. p. 3.
- Priakhin, I. M. - Bone tissue resistance to alternating stresses. p. 16.
- Nannova, N. A. - Age-related changes in the skin and its nerve elements in sheep. p. 21.
- Skul'm, K. V. - Structure of invertebrate population on soil surface of the forest steppe landforms of Voronezh Province. p. 26.
- Mamontova-Solukha, V. A. - New species of Aphidinea (Homoptera) from steppes of the Ukraine. p. 33.
- Tereznikova, E. M. - Review of Coccoiden (Insecta, Homoptera) of the Crimea according to landform areas. p. 46.
- Zelinskaya, L. M. - Hematological study of *Porthecia diapa* L. and its abundance prognosis. p. 62.
- Zhil'sova, L. A. - Review of Piecoptera of the Ukrainian Carpathians. Report No. 2: Families Leucitidae, Caputidae, Perilidae, Perlidae, Chloroperlidae. p. 61.
- Eislevskaya, M. A. - Ecological and morphological differences between two closely related dark species *Melanocorypha leucoptera* Pall. and *Melanocorypha mongolica* Pall. p. 68.
- Lazarenko, N. I. - Rocks with Amelida passages from Upper Vitean sediments of the Western Donets Basin. p. 73.
- Kurovskii, E. A. - Morphological differences between cranial bones of *Carassius carassius* L. and *Carassius auratus gibelio* Bloch. p. 76.
- Parukhin, A. M. - New representatives of Irematodea of the family Acanthocylidae Luhn, 1909, discovered in commercial fishes of the southern Atlantic. p. 79.
- Sigareva, D. D. - Flax injury by *Meloidogyne marioni* (Correll) in the Ukraine. p. 82.
- Gelenechata, L. V. - Discovery of a new species of *Cetacea* (Crustacea) in the U.S.S.R. p. 83.
- Padchenko, I. K. - Simplified method of cultivation and prolonged preservation of Trichomonads. p. 85.
- Girenko, L. I. - Pavel Alekseevich Sviridenko, on his 75th birthday. p. 89.
- Nazarenko, L. F. - In memory of Fedor Iogannovich Strutsin (1912-1967). p. 92.
- VOПРОСЫ БАИОЛОГИИ [PROBLEMS IN BIOLOGY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 4(51), 1968.
- Table of contents translated:
- Andriashov, A. P., Formin, I. U. E. - Two new species of celpout of the genus *Lycenchelys* Gill (Pisces, Zeacridae) from the bathyal depths of the Scotia Sea (Antarctic regions). p. 611.
- Pincluk, V. I. - New data on the taxonomy of gobies of the Ponticella Ujin group in relation to the problem of intraspecific variability and species formation. p. 619.
- Baranovsk, P., Nabant, T. - Taxonomy and nomenclature of the subfamily Gobionellinae (Pisces Cyprinidae) of the Amur basin. p. 628.
- Kalashnikov, I. U. E. - Whitefishes of Lake Onon of the Vitim River system. p. 637.
- Astard, L. P., Samanova, L. I. - Comparative study of the fecundity of *Vimba vimba carinata* Pall. and *Chalcoburnus chalcoides schlegelovi* Dransky acclimatized in Sengileyskaya Reservoir of the Stavropol Territory. p. 646.
- Smirnov, A. I., Knyazhina, M. S., Kalashnikova, Z. M. - Size, biochemical indices and calory value of mature eggs of the representatives of *Oncorhynchus* and *Salmo*. p. 653.
- Kodolov, I. S. - Some characteristics of the reproduction of *Anoploma himbra* (Pall.). p. 662.
- Utko, V. P. - Reproduction of Black Sea gobies in the Dnieper-Bug Liman. p. 669.
- Galkina, L. A. - Survival of eggs and larvae of herring in spawning grounds of the White Sea during mass migration. p. 679.
- Shokhnova, I. A., Pochukov, V. L. - Accumulation of strontium-90 and yttrium-90, dissolved in water, and its effect on the embryonic development of loach. p. 689.
- Lipkova, N. I. A. - Comparative characteristics of growth and feeding habits of *Engraulis encrasicolus* (L.) from the Atlantic Ocean and Mediterranean basin. p. 702.
- Vorogina, I. A., Medani, I. U. I. - Digestive tract structure in *Dielisichodus niloticus* (L.) and *Dielisichodus rostratus* (Günth.) in relation to their feeding habits. p. 710.
- Antyashkina, L. M., and others. - Weight, fatness and body length dynamics in *Tilapia mossambica* Peters, reared on Chlorofila-containing granulated feeds. p. 722.
- Birman, I. B., Korovin, S. M. - Distribution and migration of local *Oncorhynchus nerka* (Walbaum) population of Lake Kari. p. 723.
- Litvinova, N. N. - Protein composition of the blood serum of Kuban and Don populations of *Luteporca luteporca* (L.). p. 737.
- Abdurakhmanov, I. U. I., Kulov, Z. M. - European eel in waters of Azerbaijan. p. 742.
- Trunov, I. A. - New data on the distribution of *Electrona flascot* (Cocco) and *Daphnia ostenfeldi* Tuning (Mycophididae). p. 745.
- Drupkin, E. I. - Penetration of *Luteporca luteporca* (L.) from the Kuban River to the eastern part of the Black Sea off the shores of the Caucasus. p. 749.
- Kukharova, A. M. - Characteristics of oogenesis in *Luteporca luteporca* (L.) and *Abramis brama* (L.) of the Danube River. p. 751.
- Videova, Kh. G. - Spindulorlike mechanisms in the renal vains of some fishes. p. 753.
- Nazarenko, V. A. - Hematologic studies of *Rutilus rutilus* fluvialis (Jakowlow) of Kuybyshev Reservoir. p. 760.
- Dyga, A. K., Zolotareva, V. I. - Effect of waste water from the metallurgical and metal processing industry on the food supply (zooplankton and zoobenthos) of rivers and reservoirs of the Dnieper East. p. 761.
- Vorogina, I. A., Nikol'skii, G. V. - Materials on fish hybridization of the All-Union Conference on Fish Hybridization of Plants and Animals. p. 771.
- Iogannov, D. G. - Plenum of the Scientific Council in Hydrology, Ichthyology and Utilization of Biological Water Resources. p. 772.
- VOПРОСЫ ПИТАНИЯ [PROBLEMS OF NUTRITION].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Chigogov, H. V., Iakimov, E. V. - Origin of vitamin exogenous and its biological significance. p. 3.
- Ozhelova, Z. N. - Alimentary folie acid deficiency in monkeys. p. 10.
- Dibova, R. F. - Folie acid metabolism in protein deficiency. p. 16.
- Nalanson, A. O., Eretnina, G. V. - Vitamin A aldehyde, its distribution and role in the organism. Report No. 2: Vitamin A aldehyde content in the liver, blood and adrenal glands of pregnant rats and in embryos. p. 19.
- Svorobue, I. A. - Effect of vitamin A deficiency on manganese content and accumulation in organs and tissues of white rats. p. 25.
- Karpachova, V. A., and others. - Vitamin C metabolism in monkeys suffering from vitamin A deficiency. p. 30.
- Kritukova, I. V. - Content of acid-soluble sulfhydryl groups and vitamin C in the organs of rats with hypervitaminosis A. p. 34.
- Somlin, V. L. - Amino acid composition of local wheat varieties grown in different regions of the U.S.S.R. p. 37.
- Kalmykov, R. K. - Biological value of rye and wheat proteins. p. 42.
- Shalova-Krasnikhina, O. A., and others. - Comparative study of the biological value of food proteins and equivalent amino acid mixture. p. 46.
- Marashak, M. S., and others. - Effect of xylitol on the condition of liver and kidneys in ethanol deficiency. p. 51.
- Ekisoulina, N. I., and others. - Effectiveness of diet treatment in chronic colitis and enterocolitis. p. 56.
- Gorbunov, I. U. V. - Significance of intradermal tests with food allergens for detecting food allergy in chronic digestive tract diseases. p. 60.
- Vorobova, N. M. - Role of the act of licking food in the regulation of the motor activity of the large intestine. p. 63.
- Karomko, E. E. - Ultrastructural factors of fat absorption in the small intestine. p. 67.
- Kuznetsov, D. I., Grubina, N. L. - Fatty acid composition of some oil-rich sunflower and sesame varieties. p. 72.
- Churokov, I. U. I., Mukhorina, K. V. - Food rations for people living in colder climatic areas. p. 74.
- Onikova, Kh. L. - Study of biological properties of alkaloids of *Aspergillus flavus* isolated from the seed and leaf of peanuts. p. 83.
- Merzamenov, M. M. - Polyunsaturated fatty acid content in butterfat. p. 84.
- Sivina, P. N. - Vitamin C content in the blood of domestic gopher pallentia. p. 86.
- Margolis, A. M. - Effect of C-vitaminization on the capacity for work and labor productivity of dangerous professions. p. 87.
- Professor Nikolai Ivanovich Kuzin, on his 50th birthday. p. 89.
- Smirnov, M. I. - All-Union Symposium on Thiamine. p. 91.
- ZHURNAL OBIICHNOI BIOLOGII [JOURNAL OF GENERAL BIOLOGY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 29, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Asturov, B. L. - Problems of individual development: results and objectives. p. 136.
- Vafashvili, B. A. - Numerical taxonomy. p. 153.
- Zharkova, I. S. - Changes in size and number of cells in relation to the increase of body dimensions in deep sea animals as exemplified by leopods (Crustacea). p. 168.
- Stroeva, O. O., Brodskii, V. I. A. - Comparative study of the ploidy of nuclei of the retinal pigment epithelium as related to its growth and differentiation in newts and rats. p. 177.
- Reznikov, K. I. U. - Possible stimulation of the physiological regeneration of the cerebral nerve tissue in mammals. p. 188.
- Klekovskii, R., Shuekhina, E. - Nutrition, growth and metabolism of *Macrocyclops albidus* Ust. I during its metamorphosis as affected by different food concentrations. p. 190.
- Luk'ianenko, V. I., Sedov, B. I. - Variability and species specificity of the protein spectrum in fish

- blood serum. p. 209.
- Salamatina, N. V., Tumanishvili, G. D. - Role of cell nuclei and cytoplasm in growth regulation of chick embryo liver. p. 220.
- Averkina, R. F. - Appearance of antigens of the eye lens of hens in chick embryo tissues at early developmental stages. p. 220.
- Dontsova, G. V., Kotomin, A. V. - Effect of nitrogen pyrite (enriched) on the gametes and embryos of sea urchins. p. 230.
- Berlsova, N. A. - Determination of the sensitivity of the hypophysis of human embryo to hypothalamic factor releasing follicle stimulating hormones. p. 244.
- Lants, A. M. - Periodicity of division in *Eudorina elegans* Ehrbg. p. 250.
- Giltarov, M. S. - Sixteenth General Assembly of the International Union of Biological Sciences. p. 258.
- ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 47, no. 8, June 1968.
- Table of contents translated:
- Dol'shakov, V. N. - Relationship between the clinal variability and species structure. p. 807.
- Dobinski, I. N. - Morphophysiological criterion of evolutionary transformations in bird populations. p. 818.
- Krivolazki, D. A. - Ecologic specialization and form formation in oribatid mites. p. 820.
- Kryzhanovskii, G. L. - Objectivism and reality in higher taxonomic categories. p. 828.
- Mal'chevskii, A. R. - Conservative and dispersal types of evolution in bird populations. p. 833.
- Medvedev, L. N. - Demarcation variability of sibling species as exemplified by leaf beetles (Coleoptera, Chrysomelidae). p. 843.
- Meier, M. N. - Complex taxonomic analysis of the species as exemplified by some forms of the genus *Microtus*. p. 850.
- Nikol'skii, G. V. - Relative stability of the species and some problems of taxonomy. p. 860.
- Starobogatov, I. A. - Practical methods of systematics and the problem of species criterion. p. 876.
- Terent'ev, P. V. - In defense of species as a finite taxon. p. 887.
- Swartz, S. S., and others. - Growth rate and brain in fish; a contribution to the problem "species and intraspecific categories in different classes of vertebrates." p. 901.
- Skorokhodov, G. L. - Biologic and taxonomic systems. p. 910.
- Alkhallilov, A. A. - Methodology of determining the age of *Mormonella* Lilliacina. p. 932.
- Gusev, A. V. - Anomolous pierate as a fixing agent and the mounting medium for slides of fish parasites. p. 938.
- Treshchov, V. V. - New campidul Arthropodidae almarinus sp. n. (Trematoda, Campidulidae), a parasite of the white whale. p. 937.
- Rudnev, I. A. - New genus and species of mermithids (Nematoda, Mermithidae). p. 940.
- Stalinchenko, A. I. - *Gallia occulta* Jackiewicz, 1959 (Gastropoda, Pulmonata), a new species of the fauna of the U.S.S.R. p. 942.
- Delyshov, B. F. - Formation of the range and the stability of morphological characters in *Paninia flavescens* Fabr. (Insecta, Odonata). p. 945.
- Prilyova-Nasrsova, M. V. - Adaptation of *Chama piceae* Panz. (Homoptera, Aphididae) to new ecologic conditions in clear-cuttings of fir forests of the Northern Caucasus. p. 948.
- Kalgorodskaya, I. A., Soltykh, K. F., Volkova, L. M. - Some new and zoogeographically interesting Lepidoptera from the Balkan region. p. 949.
- Strokov, V. V. - Throwing out of nestlings by nuthall birds. p. 951.
- Pavlichenko, T. A., Davletshina, A. G. - Bionomic role of *Phraconius hypomelas* Linné on psyllids of southwestern Kyzyl Kum. p. 953.
- Kulik, I. L. - Ecology of water vole (*Arvicola terrestris*) in the floodplains of northern rivers. p. 954.
- Cherepanov, A. I. - Work of the 1st session of the Regional Council on Zoological Problems of Siberia. p. 964.
- Bekker, V. E. - Zoological studies during the expedition aboard the ship "Dakka" in the northern and southern parts of the Pacific. p. 965.
- Corecipation of tungsten with ferric hydroxide. p. 15.
- Navekale, I. U. A., Nurmakova, A. K., Sumarokova, T. N. - Interaction of SnCl_4 , TiCl_4 and SnCl_2 with orthophosphoric acid. p. 20.
- Omarova, E. S., Sporanskaya, E. F., Kozlovskii, M. T. - Kinetics of the reduction reactions of organic dyes. p. 32.
- Sokol'skii, D. V., Kuznetsova, R. E. - Hydrogenation of carbonaceous oil on mixed palladium catalysts. p. 38.
- Boromzhinov, B. A., Nurakhmetov, N. N. - Isotherms of the solubility of the system $\text{CONH}_2\text{H}_2 - \text{H}_2\text{PO}_4 - \text{H}_2\text{O}$ at 0 and 10°. p. 43.
- Luis, A. E., and others. - Configuration and reactivity at saturated cyclic and heterocyclic compounds. Part 2: Mass spectra of stereoisomeric decahydroquinolines. p. 48.
- Azerbaev, I. M., and others. - Heterocyclic dialkylphosphonic compounds. p. 60.
- Serikbaeva, T. E., Gortsev, M. I., Dondilakli, A. D. - Study of the substances present in essential oils. Report 30: Sesquiterpene olecols of *Perovskia abrotanoides* Karel essential oil. p. 60.
- Zhubanov, B. A., and others. - Reaction of propylene oxide with p- and m-xylenediamines. p. 64.
- Hafikov, S. R., Kazakova, N. D., D'achkov, G. A. - Copolymerization of some arylchlorophosphines with butyral. p. 71.
- Sokol'skii, D. V., Bolisekov, K. Z. - Hydrogenation of phenylacetylene on palladium in the presence of pyridine and mercury. p. 78.
- Nurakhmetov, N. N., Boromzhinov, V. A. - Kinetics of urea decomposition in phosphoric acid solutions. p. 82.
- Shapovalov, A. A., Sombayev, D. Kh., Suvorov, B. V. - Oxidation of organic compounds. Report 01: Gas phase transformation of durene in the presence of molecular oxygen and water vapors. p. 84.
- AKADEMIYA NAUK SSSR. Izvestiya. Neorganicheskoe materialy [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Inorganic Materials]. Moscow, vol. 4, no. 4, Apr. 1968.
- Table of contents translated:
- Vasilevskii, N. A., and others. - Structure of the deposition of low temperature pyrolytic carbon. p. 483.
- Sushkov, V. P., Lubanishkina, E. D. - Properties of p-type silicon with the admixture of gold. p. 489.
- Tairov, S. I., and others. - Electric properties of solid solutions of germanium with silicon. p. 496.
- Novikov, V. I., Vigdorovich, V. N., Kroslovnikov, A. N. - Solubility of nitrogen in $\alpha\text{-SiC}$. p. 502.
- Lysev, B. S., Shimburovich, V. A. - Vapor-gas mixtures of SiCl_4 , Ar, and MoCl_5 (Mo) of a given composition for obtaining MoSi_2 coatings. p. 506.
- D'akov, L. I., and others. - Growth and properties of epitaxial layers of GaP alloyed with tellurium. p. 510.
- Guseinov, G. D., Ismailov, M. Z., Talybov, A. G. - Structure and some properties of HgTiS_2 . p. 514.
- Solov, O. B., Kharitonov, I. U. A., Tarasova, Z. A. - Formation of thioamino derivatives of niobium. p. 518.
- Morozov, M. P., Gal'braikha, E. I., Smirnova, V. A. - Enthalpy of the formation of titanium oxytrifluorides. p. 523.
- Oshkov, A. P., and others. - Synthesis of refractory compounds of the transition metals of groups IV-VI in a zinc melt. p. 527.
- Sources of oxygen in rare earth fluorides. p. 532.
- Dushnev, I. U. A., Kokunov, I. U. V. - Inter-sphere reactions of transition metal halokoxides. p. 537.
- Tsurikova, G. A., and others. - Studying the structural position of bivalent manganese in theobromylate and phosphate glasses using electron paramagnetic resonance data. p. 541.
- Belkov, A. F., Belkov, V. N., Bulavin, A. I. - Study of the effect of vacuum firing on the properties of ceramics from TiO_2 . p. 548.
- Ezerskii, M. I., and others. - Properties of zirconium dioxide layers obtained by flame dusting. p. 549.
- Gvetskii, G. G., Tsagartashvili, D. Sh., Lashvili, T. S. - Enthalpy and heat capacity of ammonium and sodium sesquioxides at high temperatures. p. 553.
- Safullin, N. Sh., Rolinaev, E. K. - Study of the mechanism of the formation of sodium titanates in mixtures of sodium carbonate with titanium dioxide. p. 557.
- Tofsenko, S. B., Degtiareva, E. V., Katnaraki, I. S. - Study of the kinetics of synthesis with magnesium spinel. p. 563.
- Dutt, I. U. A., Kolbasov, V. M., Topil'skii, G. V. - Formation and properties of calcium aluminate hydrate $4\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot 10\text{H}_2\text{O}$. p. 568.
- Pokrovskii, V. V., and others. - Effect of thermoelectronic factors of oxide melts on their surface properties. p. 573.
- Sidorov, T. A., Tuf'kin, V. A. - EPR spectra, electron absorption spectra and structure of glasses of the system $\text{Na}_2\text{O} - \text{TiO}_2 - \text{SiO}_2$. p. 578.
- Bereznoi, A. I., P'charko, L. N. - Study of the initial stages of pyroceram formation in photosensitive glasses. p. 584.
- Mashkovich, M. D., Smeltanskaya, E. N., Varshal, B. G. - Dielectric losses of some pyrocerams at superhigh frequency. p. 580.
- Kaganovskii, I. P., Shashkov, I. U. M., Shushleblina, N. I. A. - Studying radial resistance distribution in silicon crystals grown by the method of Chochrafi-ski. p. 594.
- Gullamov, M. M., and others. - Distribution of phosphorus impurity in silicon monocrystals. p. 598.
- Gubenko, A. I. A., Zhestkova, I. I. - Study of the crystals of germanium highly alloyed by arsenic, antimony, and gallium. p. 598.
- Lilovitch, A. S., and others. - Diffusion of silver into semiconducting boron. p. 600.
- Ulabova, L. A., Savitskaya, I. A. S., Shofiat, R. N. - Obtaining oriented films of zinc oxide. p. 602.
- Klevtsev, S. A., Sedelnikov, T. Kh. - Obtaining protective coatings of carbides and nitrides. p. 604.
- Korolova, E. B., Petrunchev, V. A. - Study of the behavior of titanium and tungsten carbides during sputter etching in a plasma jet of argon. p. 607.
- Ormoni, V. F. - Specific surface energy and width of forbidden band of cubic boron nitride. p. 611.
- Kirkinskii, V. A., Lakushev, V. G., Rapisov, A. P. - Melting temperature of antimony selenide and antimony sulfide at high pressures. p. 613.
- Krasninkov, A. N., Makhmudova, N. M., Glazov, V. M. - Deviating from the stoichiometry of the compounds Ag_2Se and Ag_2Te . p. 615.
- Strolov, L. N., Vorobitskaya, L. I. - Edges displacement of fundamental absorption in the electric field of single crystals and films of CdTe. p. 618.
- Agabov, Ch., and others. - Stability of highly alloyed PbTe of the p-type. p. 621.
- Blouarskikh, V. K., and others. - U - To system. p. 624.
- Smityayna, S. M., Sinitin, V. I., Bashnev, I. U. A. - Interaction of niobium oxychloride with di- and triethylamines. p. 627.
- Dull, I. U. M., Timoshov, V. V., Kaushanskii, V. E. - Effect of sodium oxide on the properties of tricollum silicate. p. 629.
- Mironova, M. I., Ananich, N. I., Bolyvinko, O. K. - Quartz process of high silica porous glasses. p. 632.
- Pavlushkin, N. M., Sharaflov, M. Sh., Sulomono, B. T. - Effect of titanium dioxide on phase composition of pyroceramic materials. p. 635.
- Arshakuni, H. G., Gvorkinn, R. O. - Study of the process of chemical concentration of nepheline syenites. p. 638.
- ARMENIAN KIMICHESKII ZHURNAL [ARMENIAN CHEMICAL JOURNAL]. Issued by Akademiya nauk Armianskoi SSR [Academy of Sciences of the Armenian S.S.R.]. Yerevan, vol. 21, no. 1, 1968.
- Table of contents translated:
- Alchudzhan, A. A., Edigarian, N. Z., Manikien, M. A. - Study of mixed adsorbed hydrogenation catalysts. Part 10: Activity of mixed palladium-silver catalysts adsorbed on silicon dioxide in relation to their preparation method. p. 3.
- Beilerian, N. M., and others. - Kinetics of reactions of amines with hydroperoxides. Part 7: Kinetics of reactions of cumene hydroperoxide with morpholine and piperidine in aqueous solution. p. 7.
- Vartanian, S. A., Bakhudarian, M. R., Badanian, Sh. O. - Chemistry of vinylacetylene. Part 32: Acetylene-alkene-cumene rearrangement during substitution of halogen by amines in vinylacetylene and isopropenylacetylene halides. p. 14.
- Rostomian, L. M., and others. - Polymerization of acetylene in the presence of $\text{VOCl}_3 \cdot \text{AlR}_3$, $\text{V(acetylacetonate)}_3 \cdot \text{AlR}_3$, and $\text{Cr(acetylacetonate)}_3 \cdot \text{AlR}_3$. p. 20.
- Koskova, N. F., and others. - Effect of solvents on catalytic activity of $\text{TiCl}_4 \cdot \text{Al(iso-C}_4\text{H}_9)_3$ in acetylene polymerization. p. 25.
- Vartanian, S. A., Noravanyan, A. S., Zhamagortalan, V. N. - Some transformations of 1,5-dimethyl-2-propyl-4-piperidone. p. 33.
- Shiralan, F. R., and others. - Indole derivatives. Part 18: 3-Alkyl-5,12-dimethyl-1,2,3,4,8,7,12,12b-cylohydroindole(2,3-a) quinolines. p. 44.
- Manvelian, M. G., and others. - Behavior of basic pteridine in autoclave treatment by sodium hydroxide solution. p. 51.
- L. G. - Dependence of molecular weight composition of methyl P on the duration of mechanical plastication at various temperatures. p. 61.
- Isaian, O. A., Volkova, A. P., Movsisian, F. A. - Spectrophotometric determination of melamine in ischnical melamine. p. 66.
- Vol. 21, no. 3, 1968.
- Table of contents translated:
- Melkonian, L. G. - Rate and degree of polymerization in emulsions. p. 187.
- Isaian, O. A., Isakhanian, S. S., Manvelian, M. O. -

- Study of crystallization kinetics of sodium metasilicate nonhydrate. Part 1. p. 200.
- Babatjan, S. G., Arallutan, A. M., Mametjan, M. G. - Study of calcium adsorption on the surface of sodium metasilicate nonhydrate by means of radioactive calcium Ca^{45} isotope. Part 2. p. 210.
- Bellier, N. M., Gukasyan, T. T., Chalykian, O. A. - Rate of oxygen absorption by the reacting persulfate-dimethylamine-ethanol system in aqueous solutions. p. 218.
- Bellerian, N. M., and others. - Effect of the structure of amino alcohols on the kinetics of their reaction with potassium persulfate in aqueous solutions. p. 225.
- Kaslanian, K. A., Gekhrhan, O. K. - Electric conductivity of molten lead silicate and lead borate glass. p. 230.
- Karapetian, N. G., Chukhadzian, G. A., Mavsisian, G. V. - Study of the hydrogenation of acetylene compounds. Part 2. Effect of some additions on the selectivity of the catalytic system $\text{Pd}-\text{CaCO}_3-\text{Zn}(\text{CH}_3\text{COO})_2$ during hydrogenation of aqueous aziridine of dimethylethynylacetylene. p. 241.
- Varianian, S. A., Mesropian, I. G., Tosevian, A. O. - Chemistry of vinylacetylene. Part 6: Addition of α -dichlorodibromodifluoro to vinyl and isopropenyl-acetylenes and some transformations of obtained chlorides. p. 250.
- Botukhehian, A. P., Talevosian, G. T. - Derivatives of indole. Part 19. New syntheses of 2-nonyl-3-[2-(2'-piperidyl)ethyl]indole. p. 250.
- Kabulian, I. K., Melkonian, L. G. - Dielectric relaxation in some chlorine-containing polymers. p. 261.
- Ermenenko, I. N., Kamalian, G. A. - Use of the ion-exchange method in a test-tube analysis for quantitative determination of silver. p. 264.
- Nizanian, O. M., Mantashian, A. A., Nalbandian, A. D. - Oxidation of benzene in a gas phase initiated by bromobenzene vapor. p. 268.
- Gevinkian, A. A., Sarkisov, Zh. G. - Reaction of 1,3-dichloro-2-butene with metallic tin. p. 269.
- BAKU, AZERBAIDZHANSKII SOSUDARSTVENNYI UNIVERSITET. Itehenye zapiski. Seriya khimicheskikh nauk [AZERBAIJAN STATE UNIVERSITY. Studies Series in the Chemical Sciences]. No. 4, 1968.
- Table of contents translated:
- Efendiev, G. Kh., Akperov, R. A., Kerimova, D. I. - Extraction of naphthenic acids from oil field waters by the method of their extraction by kerosene in the presence of iron (III). p. 3.
- Ruehmanov, P. G., and others. - Interaction of Ga_2Se_3 with sulfur and Ca_2S with selenium. p. 7.
- Dalman, R. M., Petel'man, F. M. - Calculating isotherms of the solubility of ternary systems $\text{NaBr}-\text{NaI}-\text{H}_2\text{O}$ and $\text{LiI}-\text{NaI}-\text{H}_2\text{O}$. p. 15.
- Akhmedov, M. K., Garbarov, D. G. - Photochemical study of scandium compounds with magnesium and development of methods for its determination. p. 19.
- Akhmedov, M. K., Lozovskaya, I. S., Melnikov, A. A. - Study of the complexing of samarium with alizarin red S and naphthyl by the extraction-photometric method. p. 24.
- Zulfugarly, D. I., Abdullayeva, M. I., Muradova, M. G. - Copper, nickel and vanadium in some soils of Daghestan. p. 31.
- Zulfugarly, D. I., Karabekova, R. K., Ermukova, V. I. - Studying the content of trace elements in neopile petroleum fractions. p. 41.
- Lositskaya, I. F., Gultayeva, L. A. - Reaction of petroleum with nickel and zinc in aqueous solutions. p. 44.
- Dadashov, B. A., Abbasov, S. G., Gadzhov, N. A. - Study of the effect of rubidium and cesium oxides on porous structure of aluminumchromium catalyst. p. 58.
- Alekperova, S. A., Mamedova, L. Z., Khalilova, E. F. - Swelling of some clays of Azerbaijan in different media. p. 61.
- Akhmedov, Sh. T., and others. - Condensation of 2,4-dichlorophenoxyacetic acid and its sodium salt with chlorohydrins. p. 67.
- Agamirzade, G. I., Altzade, I. G., Musayeva, N. E. - Some reactions of ethers of bis-allyl-ethyl ether of ethylene glycol. p. 71.
- Makhilov, S. D., Ismailov, A. G., Sajjanova, S. V. - Synthesis of rubber based on butadiene and cycloalkylvinyl ketone. p. 76.
- Omarov, Sh. M., Gadzhiev, G. M., Alekperov, R. G. - Condensation of phenol with dichloroethane and β , β' -dichlorodichloro ether (teborex). p. 82.
- Iskenderov, M. A., Sadykhov, Z. A., Tuningova, T. A. - Preparation of mixed polyamides. p. 88.
- Abdullayev, A. I., Dadashova, M. M., Ali-zade, I. G. - Synthesis of dioxysulfonates by means of ethyl acetate. p. 89.
- Shikhiev, I. A., Nasirova, M. M., Akmedova, F. M. - Synthesis and some transformations of acetylene hydroxyethers of the cyclanone series. p. 94.
- KHIMIA TVERDOGO TOPIVA [CHEMISTRY OF SOLID FUEL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, May-June 1968.
- Table of contents translated:
- Fomina, A. S., and others. - Conditions and problems of studying oil shales. p. 3.
- Vafis, I. E., Ginzburg, A. I., Krylova, N. M. - Basic principles of coal classification by petrographic composition. p. 9.
- Sellar, M. G., Shustikov, V. I., Vinograd, I. V. - Kinetics of thermal decomposition of coals. p. 22.
- Kukharev, T. A., Exalterina, L. N. - Comparative study of acetone soluble and insoluble fractions of humic acids from peats and weathered and brown coals. p. 33.
- Kolomo, D. M. - Theory of electronic structure of the unsaturated carbon-carbon bond, and its changes at high-temperature treatment of organic compounds. p. 46.
- Shaper, R. I., Zinchuk, I. F. - Selecting optimum technological parameters for the extraction of mineral waxes from Aleksandriya brown coals. p. 55.
- Sazonov, M. I., and others. - Gas chromatography method of determining geranium in coals. p. 64.
- Lipo, A. V. - Collected glass mass performs as one of the phytolites in the Bonks Bena coals. p. 71.
- Ginzburg, A. I., Bagdasary, V. V. - Nature of kerogen of the Caspian nonoil shales. p. 77.
- Vtkharev, A. V., Smol'tsinova, N. M. - Studying properties of coke at secondary heating. p. 85.
- Dmitrieva, G. V., and others. - Identification of the aromatic part of pitches in the course of industrial roasting. p. 92.
- Kekina, N. A., Sapozhenko, M. A., Maloslav, N. I. - Study of coal pitches and their fractions using X-ray structural analysis and infrared spectroscopy. p. 102.
- Laskovskij, J. - Effect of surface properties of coals on their floatability. p. 110.
- Flukov, A. S., and others. - Influence of the structure of a viscous liquid on the predictability of its pyrolysis. p. 118.
- Makarov, G. N., and others. - Coke manufacture in rotary kilns from brown coals for the smelting of iron ores. p. 123.
- Izotzerov, V. V., Votukov, M. M. - Changing the graphite practically by adding mineral substances. p. 128.
- Belov, K. A., Sokolova, E. M. - Mechanical dehydrogenation of coal fraction concentrates by centrifugation with lubricating additives. p. 134.
- Drozdev, R. I., and others. - Some problems of the strength of silicified graphites. p. 140.
- Zelginskij, V. A., Peltskij, V. E., Tarnanov, A. S. - Heat conductivity of RV and N graphites at the temperature range from 400 to 1,400° K. p. 144.
- Gibbinskaya, E. A. - Molecular spectroscopy in the study of organic minerals. p. 145.
- Istomov, D. S. - Development and use of oil shale reserves, on the eve of the forthcoming symposium of the United Nations Organization. p. 149.
- Smirnov, R. K. - The 11th-Moscow seminar on the chemistry of coal and carbon for Moscow Province. p. 150.
- KRISTALLOGRAFIYA [CRYSTALLOGRAPHY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, no. 3, May 1968.
- Table of contents translated:
- Moklevskij, V. A. - Generalization of the symmetry groups of twins. p. 379.
- Smolna, I. I., Shepelov, B. F. - Calculating the absorption of X rays in crystals mechanically fashioned into spheres or cylinders. p. 384.
- Kollano, I. M., Nakula, E. A. - Nonstationary generalized plane temperature field and the temperature stresses in crystalline plates. p. 390.
- Kulecova, R. V., Fesenko, E. G. - Determining the crystal structure of ferroconite $\text{Cu}_2\text{[AsO}_4\text{]}(\text{OH}) \cdot 4\text{H}_2\text{O}$. p. 396.
- Portnov, V. V., and others. - X-ray structural studies of pepsin. p. 403.
- Imanov, R. M., Petrov, I. I. - Electron diffraction study of the semiconductor compound Cu_2AsSe_2 . p. 412.
- Petrov, I. I., Imantov, R. M., Pluktor, Z. G. - Electron diffraction determination of the structures of GeSb_2Te_3 and GeSb_2Te_7 . p. 417.
- Balanov, S. S., Kobels, L. I., Kuskova, A. S. - Crystalchemical study of solid solutions of CaF_2 with thorium oxides, oxofluorides, and fluorides. p. 422.
- Kagan, A. S., Burov, I. V. - X-ray determination of the atmospheres of Suzuki. p. 427.
- Ismailzade, I. G. - X-ray diffraction examination of phase transfers in the system $\text{BiFeO}_3-\text{PbFeO}_3$. p. 431.
- Ismailzade, I. G. - X-ray diffraction examination of phase transfers in solid solution $\text{Bi}_2\text{Te}_3-\text{PbTe}$. p. 436.
- Ladupov, TS. Zh., Fiala, I., Zhotudov, I. S. - Dielectric characteristics of BaH_2PO_4 near the point of phase transition at ultrahigh frequencies. p. 442.
- Selluk, B. V. - Space compensating charge in ferroelectric substances. p. 447.
- Kessenikh, G. G., Shinkov, A. M., Slavov, I. A. - Relaxation absorption of sound during the phase transfer in Rochelle salt crystals. p. 452.
- Doksha, O. N., Barina, T. M., Gram-Grigoriy, S. V. - Optical absorption spectra of Mg^{2+} in $\text{Na}_2\text{O} \cdot 2\text{MnO} \cdot 2\text{SiO}_2$ single crystal at low temperatures. p. 475.
- Orlov, A. N., Semenny, V. E. - Structure of spiral dislocations in ferrites with a spinel lattice. p. 482.
- Kulzhnik, G. S. - Transition of dislocations from a crystal lattice of one type to a lattice of another type. p. 471.
- Tikhonov, L. V., Klim'kova, G. V. - Diffraction of the diffracted formation of dislocation in germanium single crystal according to terosans obtained by the Thomson method. p. 479.
- Voropova, N. E., Reznikov, B. A., Shukla, I. I. - Isothermal and nonisothermal stresses in crystals during heat treatment. p. 487.
- Bel'miba, A. V., Levina, I. M. - Dependence of the rate of crystal growth on the overcooling of a solution. p. 493.
- Slavov, R. N., Gerdereva, N. V., Shink, T. K. - Effects of the addition of methylene blue to the growth of lead sulfate crystals. p. 497.
- Dorfmann, V. F., Trunov, L. I. - Mechanism of epitaxial crystallization from an atomic beam. p. 502.
- Dvorzhnik, V. F., Dvortskhina, G. G. - Integral characteristics of the distribution of the probability in atoms with $Z=1-18$. p. 508.
- Aleksandrov, V. B., Gorbalyt, I. V., Mikhlin, V. V. - Crystal structure of perovskite CaMgO_3 . p. 512.
- Ivrysh, Z. I., Rumyantsev, I. M. - Cerium intercalate $\text{Ce}_2\text{C}_2\text{[O}_2\text{]}_2$, a new chemical compound. p. 513.
- Pavel'eva, Z. P., Zvonkova, V. V. - Atomic structure of bis-bis(methylamino)borane dichloride. p. 514.
- Borbin, S. V., Klovskaya, R. P. - Crystal structure of $\text{KY}(\text{WO}_4)_2$. p. 517.
- Kubomelchuk, V. N. - Electron diffraction study of paracrystalline phases of ammonium dihydrogenphosphate. p. 518.
- Tomashchikovskii, I. U. IA., Vovushov, I. U. N., Zhdanov, G. R. - Structural microscopic electron diffraction examination of terradentite and formic acid substructures. p. 521.
- Klechkovskaya, V. V., Khitruva, V. I. - Electron diffraction examination of the γ -phase in the system $\text{Ta}-\text{O}$. p. 523.
- Dubushkin, T. A., Sumin, G. K. - Variation of the spin-lattice relaxation time T_1 and multiplicity of the nuclear quadrupole resonance spectra of molecular crystals during phase transitions. p. 527.
- Dukovskaya, O. S., Klimov, V. V., Venetsev, R. N. - Studying the structure and dielectric properties of solid solutions in the system $\text{PbTiO}_3-\text{Pb}(\text{Zn}_{1-x}\text{W}_x)\text{O}_3$. p. 529.
- Klinev, V. P., and others. - Obtaining single domain crystals of lithium niobate. p. 531.
- Shinkov, L. V., Dushnik, E. P., Tikhonchik, B. T. - Repolarization of BaTiO_3 single crystal in a weak alternating electric field. p. 533.
- Dukovskaya, V. P., Gavrilchenko, V. G., Fyrenko, E. G. - Diffraction study of the polarization in BaTiO_3 single crystals. p. 538.
- Zhorobova, L. I., Roshalova, A. I. - Dielectric properties of $\text{Na}(\text{B}_2\text{O}_3)_2 \cdot x_2\text{GeO}_3$ crystals. p. 538.
- Giltovich, A. E., and others. - Dislocation in the case of electrical erosion of gallium phosphide single crystals. p. 553.
- Dmitry, G. I., and others. - High-resolution electron microscopy of the surface of solids. p. 551.
- Strykov, B. A., and others. - Anomaly of the heat capacity in the vicinity of the Curie point of the ferroelectric triglycine selenate. p. 551.
- Gomaykov, V. I., Puzet, I. M., Rakosov, M. N. - Near order in Ni_2Fe . p. 543.
- Gosakova, I. A., Chistakov, I. G. - Structure and properties of liquid-crystal mixtures of 4-methoxybenzyl-1-aminonaphthalene-4-naphthyl. p. 545.
- Plukol', V. A., Vinnikov, V. V. - Temperature dependence of the crystal lattice constant of yttrium at 77° - 300° K. p. 550.
- Skorokhod, M. IA., Dalsenko, L. I. - Study of structural defects in CdSe single crystals with the aid of X-ray topography. p. 551.
- Durdakov, I. U. M., Bodov, V. K. - Technique of orienting A^{3B} crystals according to the figures of the reflection of light from polished surfaces. p. 550.
- Ushakovskii, V. T., Kashukov, K. F., Simonov, A. V. - Overgrowth of openings in artificial quartz crystals. p. 550.
- Dzhanagidze, Sh. Z. - Structural etching of the elementary boron. p. 561.
- Meloshko, L. O. - Determining the time-dependent rate of the formation of crystallization centers. p. 562.
- KHIMIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 23, no. 4, July-Aug. 1968.

- Volskoyevskii, V. N. - Evaporation pattern of cadmium. p. 563.
- Lezarskii, V. N., Ullanovskii, A. I. - Use of the method of zone melting with a temperature gradient in studying the crystallization of silicon from the aluminum-silicon melt. p. 565.
- Tamukova, V. A., Kon'kova, T. S. - Solubility of some trivalent oxides in $\text{PbO} \cdot \text{B}_2\text{O}_3 \cdot \text{PbO}$ melt. p. 567.
- Vitovskii, B. V., and others. - Method of growing large organic crystals from the gas phase. p. 569.
- Popov, V. I., Litvin, B. N. - Hydrothermal synthesis of SbS₂ single crystals. p. 571.
- Orlov, V. V., Samoilova, S. I. - Static method of growing single crystals of monosubstituted ruthenium phosphate (RDP). p. 572.
- Kozlov, R. A., Kozlov, B. I., Pashinchev, I. U. I. - Mechanism of disappearance of packing defects in silicon epitaxial films. p. 573.
- Mikolajczak, A. G., Dutchak, A. I., Froik, D. M. - Obtaining epitaxial layers of the chalcogenides. p. 576.
- Zorcka, T. A., Kuznetsov, L. N., Tolmachev, V. A. - Preparing the surface of a sapphire for silicon epitaxy. p. 578.
- Kgul', F. - Apparatus for the mechanical deformation of interplanar spacings. p. 576.
- LVOV UNIVERSITY. Vestnik. Seriya Khimicheskaya [UNIVERSITY REVIEW. Chemical Series]. No. 6, 1965. Table of contents translated:
- Tsvetkov, M. S., Ibratkhon, I. M. - Succinic acid peroxide as the initiator in polymerization. p. 3.
- Makarov, I. I., Tyumina, I. E. - Use of the sodium salt of copolymers of methacrylic acid and its esters as stabilizers in suspension polymerization. p. 8.
- Talmyr, A. T., Zakharovskiy, V. P. - Heat of the adsorption of silicate from aqueous solution on the surface of RM-3-type lumophore. p. 12.
- Polonskiy, T. M., Talmyr, A. T., Kuvshinov, I. E. P. - Adsorption of lumophore to a glass in aqueous solution of polymethacrylic acid. p. 16.
- Storch, H. F., Nazarov, L. M. - Suspension polymerization of styrene in aqueous solutions of inorganic silicate. p. 20.
- Tsvetkov, M. S., Kovalchuk, I. E. P. - Electrochemical initiation of the polymerization of methyl methacrylate in water-glycol solution. p. 24.
- Polonskiy, T. M., and others. - Synthesis and electrical properties of β -cyanovinyl ether of polyvinyl alcohol of high degree of cyanoethylation. p. 28.
- Pikal, M. - Viscosity of some suspensions. p. 32.
- Gubert, W., Pryzhybi, B. - Study of the separation of lanthanum and praseodymium using oxoethylene-diamineacetic acid and partial complexing method. p. 36.
- Holovaty, R. M., Sheveluk, I. P. - Rotational strength of the linkage of simple and complex ions with various exchangers KU-1 and KU-2. p. 43.
- Zolotarev, V. K., Pikh, M. S. - Trioxycarlic complex compounds of nickel and cobalt. p. 48.
- Zolotarev, V. K., Oleksyuk, S. M. - Chromatographic separation of copper and calcium by means of sodium salts of acetic, citric, trioxycarlic, and malic acids. p. 51.
- Komilov, O. I., Tikhon, N. I., Zhornitskaya, N. I. - Tricellulose exchange on Transcan palladium benzoate. p. 54.
- Komilov, O. I., Zhornitskaya, N. I. - Use of barbiturate for reducing vegetable oils. p. 58.
- Kryukovskiy, P. I., Frankovskiy, D. P., Zarechinskii, O. S. - Compounds rich in iron in the systems of rare earth metal-iron and their crystal structures. p. 61.
- Bodak, O. I., and others. - Compounds with the structure of AlH₂ type in tertiary systems (BaSO₄, Ca) - Al - Sn and Ba - Cu - Sn. p. 75.
- Kryukovskiy, P. I., Prudakov, V. S., Kuz'min, I. U. B. - Crystal structure of the SeZn₂ compound. p. 80.
- Borisevich, L. K., and others. - System trim - nickel silicon. p. 83.
- Zashchinskii, M. M. - Denitrosylation of Carpalanth monofluoride. p. 88.
- MOSCOW UNIVERSITY. Vestnik. Seriya 2: Khimicheskaya [UNIVERSITY REVIEW. Series 2: Chemistry]. Vol. 23, no. 3, May-June 1968. Table of contents translated:
- Shakharov, M. I., Lanskaya, L. V., Merzhanov, I. A. - Structure of acetic acid solution in water based on the Rayleigh light scattering data. p. 6.
- Spiridonov, V. H., Romanov, G. V. - Electron diffraction study of niobium, tantalum, and tungsten pentachloride molecules. p. 10.
- Panchenko, I. U. N., and others. - Force field of methylacetylene. p. 15.
- Kuzakov, I. U. A. - Determination of energy of dissociation of some monocarbides of carbon subgroup. p. 21.
- Filippova, A. P., Kuzakov, I. U. A. - Analysis of the vibrational system C_2H_2 of the OCl₂ molecule. p. 25.
- Kuznetsova, L. A., Kuz'menko, N. E., Kuzakov, I. U. A. - Analysis of the vibrational structure of the emission spectrum of the SiBr molecule. p. 30.
- Dredokina, T. R., Evdokimov, V. B. - Magnetic properties of the system Ni/zeolite. p. 35.
- Khabibullayev, P. K., Khalilov, M. G., Aliev, S. S. - Acoustic relaxation in liquid carbon disulfide. p. 41.
- Podenko, N. P., al-Samarai, A. M. - Thorium extraction by means of benzoic hydroxyacetic acid. p. 44.
- Uas'kov, A. M., and others. - Phase diagram of the tin - selenium system. p. 48.
- Matskevich, T. G., Trifilina, E. P., Savich, I. A. - Synthesis of new Schiff bases and study of some of their physicochemical properties. p. 52.
- Guzel, L. S., and others. - Transformations in the system lithium-vanadium - tungsten in the solid state. p. 62.
- Moraleva, A. D., and others. - Phase equilibria in the ternary system zirconium - niobium - nickel. p. 66.
- Korzhikov, N. G. - Melting diagram of the system $\text{PbCl}_2 \cdot \text{ZnCl}_2$. p. 71.
- Ershova, N. I., Bol'shova, T. Z., Altman, I. P. - Extraction-chromatographic behavior of Fe(III) in the system tributyl phosphate - hydrochloric acid and its salts. p. 76.
- Dusev, A. I., Ivanov, V. M., Kryukina, L. S. - Spectrophotometric study of 4-(2-thiazolylazo) - resorcinol and 1-(2-thiazolylazo) - 2-naphthol. p. 80.
- Norzenkova, N. P. - Spectrophotometric study of the conditions of extraction of titanium, molybdenum, and niobium with salicylhydroxyacetic acid. p. 84.
- Ozerova, G. P., and others. - Extraction-photometric method of determining niobium. p. 89.
- Golovin, A. I., Ankin, A. G., Morishchev, A. K. - Purification of 1,3-dimethyl-5-tert-butyl-2-acetylphenone by the zone melting method. p. 93.
- Porcitskii, A. R., Danilovskaya, M. N. - Activity of glass and method of its deactivation in the reactions of para- and ortho-conversions and hydrogen isotope exchange. p. 94.
- Karabakov, S. G., Zlotnikov, V. P., Novoselova, A. V. - Study of the germanium - selenium system. p. 98.
- Paulovskiy, A. A., Kozlov, O. P., Akhmetzhanov, K. G. - Effect of ruthenium addition on the thermal conductivity of niobium. p. 98.
- Danilova, S. K., and others. - Study of alloys in the system Co - NiCo₂. p. 104.
- Dusev, A. I., Bogdanov, L. I., Ivanov, V. M. - Spectrophotometric study of the reaction of osmium (VII) with 4-(2-pyridylazo) - resorcinol. p. 101.
- Volodina, M. A., Kon'kova, I. V. - Studies in the field of functional analysis. Isopropenyl acetate - acetylating agent in organic analysis. p. 103.
- Shirakina, I. U. P., Korshunova, G. A. - Preparative synthesis of DL-lathyrine from 2-amino-4-methylpyridine. p. 105.
- PROBLEM SOVREMENNOI KHIMII KOORDINATSIONNOY SOEDINENIY (PROBLEMS OF THE COORDINATION COMPOUNDS IN MODERN CHEMISTRY). Issued by Leningradskiy gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 2, 1968. Table of contents translated:
- Shchekarev, S. A. - Modern trends in the study of ionic structures. p. 5.
- Dubrov, R. B., Suvorov, A. V., Gorbunov, S. M. - Thermodynamics of gaseous forms of selenium oxides and hydrates. p. 23.
- Shchekarev, S. A., Korot'kov, D. V. - Thermodynamic study of titanium, vanadium and chromium halides. p. 62.
- Suvorov, A. V., Shubina, V. L. - Possibility of the vaporization of ammonium salts. p. 70.
- Baranovskii, V. I., Zlotnik, T. M., Forstchev, V. A. - Study of the electronic structure of sulfur hexafluoride by the ultraviolet-wave X-ray spectroscopy method. p. 80.
- Bukhalova, G. A., Mardiroseva, I. V. - Complexing of metaphosphates and halides of alkali metals. p. 86.
- Dukhalova, G. A., Lagut'yan, E. S. - Equilibrium state in melts of ternary reciprocal systems with complexing. p. 101.
- Bukhalova, G. A., Berezhatina, V. T. - Complexing in fluoride systems of alkali and bivalent metals. p. 160.
- Babko, A. K., Nubiyants, B. I. - State of niobium and tantalum in solutions. p. 111.
- Barvinok, M. S., and others. - State of the coordination amino group in aminates of some transition metals. p. 120.
- Burkov, K. A., Litch, L. S. - Polymerization of hydroxy complexes in aqueous solutions. p. 134.
- Litch, L. S., Chernykh, L. V. - Distribution of water in the solutions of electrolytes. p. 159.
- Filippov, V. K. - Determination of free energies of the formations of compounds in ternary systems. p. 174.
- Lobanova, O. A., Kononova, M. A. - Molecular orbitals and absorption spectra of tetrachloride ions of palladium (II) and platinum (II). p. 180.
- Balicheva, T. O., Lavrov, R. B. - State of water in some crystalline hydrates of lithium salts. p. 180.
- Grigorova, M. F., Tserkovnikskaya, I. A. - Polarographic study of the complexing process of vanadium compounds of lower degrees of oxidation with complexons. p. 204.
- Fedorov, V. A., and others. - Thermodynamics of chlorate, bromate and nitrate complexes of lead (II). p. 217.
- Lebov, B. I., and others. - The composition and stability of mixed complexes of thallium (III) with two and three various types of ligands in the inner sphere. p. 227.
- Iskovlev, I. U. B., Kul'ba, F. A., Mitronov, V. E. - Hydrolysis of trivalent thallium ions. p. 241.
- ROST KRISTALLOV (GROWTH OF CRYSTALS). Issued by Institut kristallografi Akademii nauk SSSR [Institute of Crystallography of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, 1967. Morphology and growth of crystals. Table of contents translated:
- Shcheta, N. N. - Opening address at the symposium. p. 5.
- Harman, P. - Dependence of the morphology of a crystal structure. p. 8.
- Katechev, R., Nancov, Khr. - Investigation of the forms of growth and determination of equilibrium forms of zinc single crystals. p. 25.
- Schmid, H. - Twinning and the sectoral growth in nickel borate crystals grown by transport reactions. p. 32.
- Harman, P. - Structural explanation of the morphological difference between α -quartz and β -quartz. p. 88.
- Aliev, B. M. - Shape of magnetic crystals and its relation to the structure. p. 74.
- Sella, C., Deitch, C. - Morphological effects of the successive formation of crystal nuclei in the formation of crystals in supersaturated solutions. p. 80.
- Shikhina, P. - Effect of the elastic dislocation field energy on the morphology of a crystal. p. 81.
- Gil'fiso, G. - Interaction between the morphology and the constant dislocations during the crystal growth. p. 88.
- Bezrukov, G. N., Balazov, V. P., Korot'kov, D. F. - Some crystallographic features of synthetic and natural diamonds. p. 108.
- Dedrichs, F., Konnals, H. - Two-dimensional growth of octahedral diamond crystals by winged triangles. p. 116.
- Harris, J. U., Henricks, H. K., Meier, G. O. - Orientation of silica mineral inclusions in natural diamonds. p. 118.
- Petrov, V. S. - Natural genesis of the diamond. p. 124.
- Lang, A. R., Minskoy, V. E. - Defects in the natural and synthetic quartz. p. 133.
- Kushukova, E. P., and others. - X-ray diffraction examination of the substructure of synthetic corundum crystals. p. 147.
- Muhir, U. - Structural defects in silicon crystals highly alloyed with antimony. p. 155.
- Savitskiy, L. M. - Lateral growth of germanium dendritic crystals. p. 160.
- Mavlyanov, Sh. - Segregation of selenium, sulfur, thallium, and iron during the growth of cadmium antimonide and thallium telluride single crystals from melts. p. 165.
- Keller, K. W. - Decrystallization by evaporation in a high vacuum. p. 171.
- Amigo, J. M. - Cell for studying the dependence of the changes of habit on the crystallization temperature on natural crystals with the falling out temperature below 100°C. p. 178.
- Pierrot, M. - Morphology and twinning of ferrocyanide acid $\text{H}_2\text{Fe}(\text{CN})_6$. p. 183.
- Pogodin, I. U. V., Sergeev, V. M. - Morphology and optical properties of synthetic calcite single crystals. p. 190.
- Konstantinova, V. I. - Growth twins in triglycine sulfate crystals. p. 197.
- Iugacheva, E. D. - Predominance of left-handed forms of the epimorphite $\text{MgSO}_4 \cdot \text{Ti}_2\text{O}_3$. p. 202.
- Kiritsinskiy, D., and others. - Slowing down of the crystal growth in a capillary. p. 206.
- Sukinichin, K. I., Schibler, M. - Dependence of the crystal perfection of α - Al_2O_3 on the method of growing. p. 208.
- Nemyski, T., and others. - Investigation of the crystallization of β -rhombohedral modification of boron. p. 222.
- Altshinov, R. A., Pavlov, V. A. - Process of growing Y-oxygen single crystals. p. 231.
- Kharlamovskii, Kh. - Distribution of copper and gold in silicon crystals produced by the method of crucibleless zone melting. p. 236.
- Esin, V. O., Romanov, E. P., Smirnov, I. V. - Effect of the rate of fluctuation of the zone of melting on the orientation of single crystals produced in crucibleless electron-beam zone melting. p. 241.
- Boiko, E. N., Borisova, L. A., Mitronov, K. H. - Crystallization of GaAs from supercooled melts and the investigation of the structure of produced crystals. p. 246.
- Harman, H. - Crystal growth of semiconductor compounds AlP, GaP, ZnS, Se, and telluride. p. 252.
- Simanovskii, A. A. - Process of ZnSe single crystal growing by means of the chemical transport reaction. p. 258.
- Crucianu, E., Nistor, N. - Growth and structure of solid solution crystals of the systems $\text{Zn}_x\text{Hg}_{1-x}\text{Te}$

- and Se, Te, Hg, produced from solutions, p. 264.
- Kvapil, J., Jon, V., Vichr, V. - Process of single crystal growing from solutions in melts, p. 269.
- Vichr, Miroslav. - Process of growing manganese ferrite single crystals by the Verneuil and Bridgman-Stockbarger method and by the crystallization from the solution in melts, p. 275.
- Arend, H., Novak, J., Cuchava, P. - Chemical composition of BaTiO₃ single crystals grown from a solution in the potassium fluoride melt, p. 291.
- Timofeeva, V. A., Guseva, L. N., Melankalov, N. M. - Morphological characteristics of yttrium-aluminum garnets grown from fluxed melts on seed crystals, p. 284.
- Modzejewski, Antoni. - Improved methods of growing metal single crystals from melts, p. 283.
- Modzejewski, Antoni. - Transverse bands and fine structure in aluminum single crystals, p. 291.
- Kadarkova, S., Scslak, B. - Growth and perfection of single crystals of high purity iron produced by recrystallization, p. 293.
- Perrar, M., Jickdra, J. - Process of growing cupry chloride crystals for optical purposes, p. 307.
- Anikin, I. N. - Morphological characteristics and properties of synthetic mica crystals produced from melts and a gaseous phase, p. 315.
- Rashkovich, L. N. - Studying the kinetics of zone movement at the process of growing single crystals by the method of moving solvent, p. 319.
- Timan, B. L., Kogan, I. U. M., Birman, H. I. - Impurity distribution analysis in directed crystallization, p. 323.
- Birman, H. I. - Theoretical stability analysis of the crystallization front at finite dimensions of crystals and in the presence of molten boundary layer, p. 328.
- Klevtsin, P. V., Kharchenko, L. I. U. - Hydrothermal synthesis of crystals and crystallographic characteristics of some double tungstates of rare-earth elements, p. 333.
- Gordienko, L. A., and others. - Synthesis of colored quartz, p. 338.
- Merkovskii, M. A., Shorygin, V. A. - Some chemical factors in the hydrothermal synthesis of crystals, p. 344.
- Shmidt, L., Sommer, F. - Hydromechanical and thermomechanical conditions in a vertical cylindrical container, p. 346.
- Vol. 8, 1988. Adsorption of impurities, epitaxy, and single-crystal films.
- Table of contents translated:
- Kuro, R. - Growth of crystals and adsorption (introductory lecture on adsorption), p. 5.
- Minkoff, I., Nixon, W. C. - Observation of the interaction between adsorbed impurity atoms and growing graphite crystals with the aid of a scanning electron microscope, p. 36.
- Mitchell, A. S., Brian, P. L., Sperry, P. H. - Effect of impurities on the kinetics of growth of the basal plane of ice in the case of the crystallization of supercooled water, p. 41.
- Vandouk, A. - Effect of adsorbed impurities on the rate of growth and habit of sucrose crystals, p. 45.
- Khadzhi, V. R., Lellakova, M. V. - Effect of temperature and supersaturation on the entry of aluminum impurity into synthetic quartz, p. 51.
- Saldov, M. S., Shamuralov, Kh. A. - Effect of impurities on crystallization, p. 57.
- Belikov, I. M., and others. - Effect of growth and impurities on the degree of perfection and properties of alkali halide crystals, p. 65.
- Artifogov, V. N. - Some problems of kinetics of recrystallization of leucocrystalline impurities, p. 68.
- Kulsh, U. M., Vlak, A. P. - Effect of the anisotropy of the properties of semiconductor crystals on the impurity segregation in a growing crystal, p. 72.
- Zoen, Z. N., Ioffe, V. A. - Conditions of the entry of Ti impurities into CoO₂ and HfO₂ single crystals during crystallization in a solution from melt, p. 78.
- Solans-Huguel, J., Font-Albada, M. - Effect of bivalent cations on the growth of barium chloride and lead chloride crystals, p. 81.
- Gorshnova, N. A., and others. - Effect of impurities and crystallization conditions on the growth of gallium phosphide laminated crystals, p. 84.
- Gledi, R. - Relaxation times in the nucleation of condensed systems as applied to supercooled aqueous solutions of alkaline halides, p. 90.
- Gulsov, I., and others. - Crystallization of vitreous sodium metaphosphate near the condensation nuclei of metals with a cubic lattice, p. 95.
- Dzhevakli, M. I. A., and others. - Connection between the surface properties of gallium antimonide melts and the growing of crystals of this compound, p. 104.
- Distler, G. I. - Real structure, activity, and the range of effect of crystal surfaces, p. 108.
- Barna, A., Barna, P., Pocza, J. - Fluidlike behavior of thin condensed films of indium in the process of growing, p. 124.
- Hooker, G. R., Jolca, D. A. - Initial stages of the nucleation and growth of epitaxial silicon layers when using the method of molecular beams, p. 131.
- Chopra, K. L. - Effect of an electric field on the growth of single crystal metal films, p. 141.
- Meier, M., Khalimann, P., Trillat, J. J. - Studying the oriented growth of cuprous oxide in the case of ion bombardment, p. 146.
- Distler, G. I., and others. - Studying the effect of defective structure of silicon crystals on the process of crystal growing, p. 151.
- Dorlman, V. F., Beloklen, M. S. - Mechanism of germanium crystallization from a gaseous phase, p. 155.
- Kronshtat, L. V., and others. - Epitaxial growth of metal films in thermal spray coating on ionic crystals, cleaved in a vacuum and in the air, p. 164.
- Kuznetsov, F. A., Belyi, V. I. - Studying the pickling of single-crystal germanium by means of gaseous hydrogen bromide, p. 171.
- Kirov, G. K., Nenov, D. - Experimental study of crystallization from a gaseous phase, p. 178.
- Semilev, S. A., Vlasov, V. A., Magomedov, Z. A. - Some problems concerning the formation of epitaxial films produced by means of spraying in a vacuum, p. 184.
- Preeco, J. B., Willeman, H. - Growth and orientation of metal films condensed in a vacuum. Systematic correlation, p. 188.
- Olempka, Z., and others. - Crystal modification of boron deposited on a boron base, p. 193.
- Smorodina, T. A., Georgiev, A. I., Kadevich, V. A. - Effect of the characteristics of a gas flow on the morphology of epitaxial germanium layers, p. 198.
- Schulz, M., TIP, M. - Effect of the base surface on the perfection of epitaxial silicon layers, p. 204.
- Izda, R., Imazuka, T. - Epitaxy and growth of cadmium selenide thin films, p. 211.
- Paltnak, L. S., and others. - Growth mechanism and formation of dislocation defects in condensed single-crystal layers of rock salt, p. 219.
- Spinulescu-Carnaru, I. - Changes in the crystal structure of thin films of binary semiconductor compounds in the case of the deviation of their composition from the stoichiometric, p. 225.
- Arrose, F., and others. - Temperature dependence of the orientation capacity of some monolonic muscovites, p. 230.
- Aleksandrov, I. N., Sklorov, I. U. G. - Crystallization kinetics and the structure of epitaxial binary semiconductor films, p. 241.
- Givargizov, E. I. - Dropwise crystallization of germanium, p. 250.
- Schneider, H. G. - Significance of processes linked with exchange of places between atoms of growing substance and parisor substance or the reaction component for epitaxial and ordetaxial processes, p. 255.
- Chlitzkov, I. U. D. - Mechanism of the oriented growth of crystalline substances (epitaxy), p. 258.
- Starodubov, S. V., and others. - Entry of impurities into the epitaxial silicon films in the process of growing, p. 264.
- Aberdam, D., and others. - Studying by means of slow electron diffraction the rearrangement of LiCl (II) of silver during oxidation, p. 271.
- Lishtak, A. V., and others. - Variations in the homogeneity of single crystals of the GaP - GaAs solid solutions grown by the epitaxial method, p. 273.
- Bonov, I. V. - Changes in the crystal habit in the case of epitaxial growth, p. 278.
- Vasil'ev, V. D., Tikhonov, A. A. - Studying the structure defects of single-crystal germanium films, p. 285.
- Kishlov, R. - Formation of two-dimensional nuclei in the electrocrystallization of silver, p. 298.
- Indorova, V. L., Zhitomirskii, I. S., Chobanova, T. S. - Theoretical study of stresses arising in the process of crystal growing, p. 303.
- Borovinski, L. A., Vorontsova, R. I. - Concerning the theory of production of nuclei in the process of growing crystals with diamond lattice from a gas phase, p. 310.
- Nenov, D., Georgieva, A. - Spontaneous transformation kinetics of the surface of the system crystal - vapor, p. 316.
- Nenov, D. - Thermodynamic equilibrium of finite crystals, p. 323.
- Kamenetskaya, D. S. - Nucleation of crystallization centers in supercooled two-component liquids, p. 328.
- Ravin, V. S. - Mathematical analysis of thermal conditions for growing single crystals from melt on foreign backings, p. 334.
- Parker, R. L. - International Conference on Crystal Growth (Boston, 1986), p. 341.
- Shel'tal', N. N. - Growth and elabication models of crystals, p. 356.
- USPEKH KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 37, no. 2, Feb. 1988.
- Table of contents translated:
- Nefedov, V. D., and others. - Aspartine (aspart), p. 103.
- Algalova, N. M., and others. - Physicochemical properties and structure of aluminum hydride complex compounds, p. 216.
- Vosa, V. S. - Advances in the synthesis of peptides on polymers, p. 246.
- Popov, E. M., Kogan, G. A. - Structure of conjugated hydrocarbons with open chains, p. 256.
- Sudakov, F. P. - Masking of reactions, p. 290.
- Levchuk, I. U. N. - Infrared spectra of steroids, p. 324.
- Vol. 37, no. 3, Mar. 1988.
- Table of contents translated:
- Dregalze, V. I., Okhlichytsin, O. I. U. - Organometallic derivatives of benzenes (10-carbonyls), p. 353.
- Anisimov, K. N., Iogannson, A. A., Kolesova, N. R. - Chemistry of manganese carbonyl, p. 369.
- Shcherbina, N. P., Lovina, R. I. A. - Chemistry of 3-oxonolactones, p. 409.
- Badar, L. I., Ialshirskii, K. B. - High-speed complex-forming reactions, p. 469.
- Nikitin, V. N., Volchok, B. Z. - Effect of intermolecular and intramolecular ordering on the infrared absorption spectra of polymers, p. 504.
- VYSOKOMOLEKULIARNYE SOEDINENIYA. Seriya A [MACROMOLECULAR COMPOUNDS. Series A]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 10, no. 3, Mar. 1988.
- Table of contents translated:
- Egorov, E. A., Zhilzhonkov, V. V. - Mechanism of the elongation effect on nuclear magnetic resonance spectra of oriented polymers, p. 451.
- Dudokin, V. V., and others. - Effect of the relation between phases and the degree of cyclohexylation of emulsifier on emulsion polymerization of styrene, p. 458.
- Novorov, A. N., and others. - Electron-microscopic study of the nature and stability of supermolecular structures in hardenol epoxy polymers, p. 463.
- Kovriznykh, I. U. P., Bozhinov, G. R. - Electron-microscopic studies of the structure of poly(crylamide), p. 467.
- Kachan, A. A., and others. - Comparison of the processes of emulsion-chemical and photochemical cross-linking of poly(vinylene), p. 471.
- Gagan-zalo, V. G., Muznrov, V. V., Sklyarov, V. P. - Polymerization of vinyl chloride under the action of butyllithium and complexes on its basis, p. 473.
- Glaszkovskii, I. U. V., Panylov, I. U. G. - Energy differences between conformations of poly(vinyl chloride) chain, p. 492.
- Nikolova, A. F., Anisimov, M. A. - Spectral features of radical copolymerization of N-vinylphthalimide with maleic anhydride and vinyl-n-butyl ether, p. 503.
- Fomonkin, A. S., and others. - Radiation-chemical transformations of poly-ε-caprolactide and some aliphatic amides, p. 507.
- Kolesnikov, O. S., Khramukova, I. A. - Study of the kinetics of preparation of graft copolymers of styrene and rubber, p. 513.
- Frokhin, G. N., Solov, K. A. - Heterogeneity of the polymerization of vinylalkyl esters of aliphatic dicarboxylic acids, p. 521.
- Gachkovskii, V. F., and others. - Limitations spectra of some polymers of the acetylene series, p. 528.
- Maret, A. I., and others. - Study of the viscoelastic properties and crystallization of copolymers of tetrahydrofuran and 3-allyl-3-chloromethylhexahydro-2H-pyran, p. 542.
- TSvolhov, V. N., and others. - Effect of the molecular weight on hydrodynamic properties and optical anisotropy of linear poly(vinylpyrrolidone), p. 547.
- Mikhailov, G. P., and others. - Study of the dipole moments of methyl methacrylate-styrene block copolymers, p. 559.
- Akutin, M. S., Arlomonko, D. N. - Structural-chemical transformations in the process of heterogeneous graft copolymerization of poly(vinylene) and rubber, p. 561.
- Zhukavlova, I. V., Roda, V. V. - Thermal degradation of some aromatic polyesters, p. 569.
- Dogacheva, E. K., and others. - Adsorption of polystyrene by macroporous silica gels, p. 574.
- Angert, L. G., Ambrova, A. I., Kuz'minskii, A. S. - Study of the effect of some lithium compounds on thermooxidation stability of 1,4-cis-polyisoprene, p. 580.
- Tkachuk, D. V., Kolotykin, V. M., Kirov, G. G. - Thermal degradation of polymer films of methylsiloxanes, p. 585.
- Tutorskii, I. A., and others. - Cyclization of polysiloxanes and metal compounds. Determination of structural parameters of cyclization products, p. 602.
- Polnikov, V. K., and others. - Formation of paramagnetic products in thermooxidation and photodegradation of polyolefins and their effect on the development of degradation processes, p. 609.
- Potroshin, V. P., Egorikhian, Sh. T. - Study of the rubberlike state of a substance by the method of dielectric losses, p. 612.
- Mikhailov, G. P., Shovelov, V. A. - Study of the methyl and steric effect of methyl groups in a position in copolymers of methyl methacrylate with methyl acrylate and styrene by the pulse method of nuclear magnetic resonance, p. 617.
- Strukov, V. B., Rozantsev, E. G. - EPR method for studying rotation mobility of iminoxyl radical within polymers, p. 626.
- Migunova, I. I., Ivanov, V. S. - Polymerization of N-poly(vinylamide) under the action of γ-radiation of Co⁶⁰, p. 633.

- mod Abdol'monim El' Azmritil, Korshak, V. V., and others. - Special features of anionic polymerization of ϵ -caprolactam in organic solvents. p. 1381.
- S. V., Lovi, S. M. - Use of the conductivity in studying melting process of galatin gels. p. 1382.
- A. I., Gal'braikh, L. S., Rogovin, Z. A., and others. - Intercorrelation reaction for the synthesis of polyacrylates. p. 1383.
- S. B., Slavova, S. D., Medvedev, S. S., and others. - The relationship between some polymerization and polycondensation processes on model systems. Interaction of tertiary amines with carboxylic acid anhydrides. p. 1384.
- A. I., Pimenov, G. G. - Nuclear magnetic resonance and activation energy of sigmoidal motion of polymers. p. 1385.
- R. G., and others. - Spectral features of the infrared spectra of cellulose acetates depending on phase state and orientation. p. 1386.
- M. F., and others. - Studies in the synthesis and properties of tin-containing complexes of vinylpyrrolidines. p. 1387.
- V. N., Zakharova, E. N., Krunchak, M. M., and others. - Anisotropy and rigidity of the molecules of some sulfonates in salt solutions. p. 1388.
- I. A., and others. - Study of the kinetics and on absorption spectra of the formation reaction of polymers in the presence of cobalt compounds. p. 1389.
- V. I. A., Kazimirova, N. M., Spitsyn, V. I., and others. - Problems of the adhesion of polyethylene graft polymers. p. 1390.
- June 1968.
- Table of contents translated:
- E. M., and others. - Synthesis of glycols and polyols of the isopropylacetylene series. Structure of their homopolymers. p. 1391.
- G. M., Vlodavets, I. N. - Kinetics of homogeneous acetylation of the condensation of polyvinylformal. p. 1392.
- V. M. N., and others. - Structure formation of amides containing aromatic amino groups. p. 1393.
- I. O., and others. - Kinetics of the reaction of synthetic isoprene with hydrogen chloride in solution. p. 1394.
- M. Sh. - Quantitative thermogravimetric analysis of polybutadiene synthetic rubber. p. 1395.
- L. I., and others. - Velocity of sound and compressibility of copolymers of methyl methacrylate with methylacrylate. p. 1396.
- S. V., and others. - Synthesis and properties of ion-exchange resins based on α -amino acids and acetylated copolymers of styrene with divinylbenzene and derivatives of α -amino acid derivatives. p. 1397.
- N. S., Dvankov, V. A., Korshak, V. V., and others. - Kinetics and properties of ion-exchange resins based on methacrylated copolymers of styrene with divinylbenzene and derivatives of α -amino acid derivatives. p. 1398.
- N. S., Zegolman, V. I., Kargin, V. A. - Nature of polymolecular formations in crystalline polyethylene. p. 1399.
- I. A., and others. - Increasing stability of emulsifying emulsion systems under the effect of radiation. p. 1400.
- I. A., and others. - Usmanov, Kh. U., Tiliayev, and others. - Solubility of graft copolymers of perchlorovinyl with polyacrylonitrile by the radiation method. p. 1401.
- A. Kh., Frost, A. M., Ruzumovskii, V. V., and others. - Polymerization of n -monobutyl maleinate on iron. p. 1402.
- A. M., and others. - Polymers with emulsified bonds. p. 1403.
- N. V. I., Okladinov, N. A., Zil'berman, E. N., and others. - Temperature transitions of the low molecular weight polyethylene. p. 1404.
- N. A., and others. - Thermal transformation of polyacrylonitrile in solution. p. 1405.
- V. V., Vinogradova, S. V., Vasnov, V. A., and others. - The effect of the nature of solvent on low molecular weight polycondensation. p. 1406.
- K. S., and others. - Interaction of the organotin derivatives of polyvinyl chloride with hydrogen chloride. p. 1407.
- V. G., and others. - Kinetics of radical polymerization of 2-methyl-5-vinylpyridine and its salts. p. 1408.
- N. A., Osipova, T. N., Klenin, S. I., and others. - Sedimentation and diffusion of macromolecules of graft copolymers in solution. p. 1409.
- N. A., Galovskaya, T. V., Kargin, V. A., and others. - Study of the structure formation in melt solution of polypropylene. p. 1410.
- V. V., Zhuravleva, I. V. - Structure of polyoxyethylene and their thermal stability. p. 1411.
- D. G., and others. - New method of the synthesis of 5,6-cellulose and preparation of the derivatives of cellulose by the method of the formation of double bonds in this compound. p. 1412.
- I. A., Erenburg, E. G., Eremina, M. A., and others. - Study of the effect of cis-trans isomerism on flexibility of molecular chains of polybutadiene and polyisoprene. p. 1381.
- Korshak, V. V., and others. - Polyketosulfides, a new type of heterochain polymers. p. 1382.
- Portianskii, A. E., Nalberg, T. S. M. - Study of the chlorination mechanism of ethylene-propylene elastomer. p. 1383.
- Storozh, A. V., Kuvshinskiy, F. V. - Study of the softening of some polyimides and structural chemical transformations originating during their heating. p. 1401.
- Sazhin, B. I., Vasilenok, I. I. - Study of the effect of complexing on electroconductivity of polyvinylpyrrolidone solutions. p. 1408.
- Abramova, E. I., and others. - Some physical properties of polyvinyl chloride plasticized films depending on the length of hydrocarbon radicals of plasticizers. p. 1414.
- Gul', V. E., Vol'chenko, R. L. - Evaluation of frost resistance of rubbers for articles working in the conditions of low temperatures and greater deformations. p. 1419.
- Faerman, V. T., Korzin, V. V., Dronnikov, V. V. - Electromagnetic relaxometer (relaxograph RF-1). p. 1422.
- Guryeva, A. A., Dtnov, M. P. - Experiment of using turbidimetric titration on an automatic recording instrument for determining molecular weight distribution. p. 1431.
- Bezruk, L. I., Gorokhovskiy, G. A., Lipatov, I. S. - Improvement of etching methods in gas discharge for electron microscopic study of the structure of polymers. p. 1434.
- Guzov, V. V. - Absorption of plasticizer by polyvinyl chloride studied by the electroconductivity method. p. 1438.
- Grochanovskiy, V. A., Poddubnyy, I. A. - Statistical analysis of the experimental sedimentation diagrams. p. 1440.
- Mosol Borisovich Netman; obituary. p. 1446.
- ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 4, Apr. 1968.
- Table of contents translated:
- Komar', N. P., Musallov, O. S. - Equilibrium of the protonation of bases studied by the solubility of corresponding acids. p. 466.
- Kuzin, E. I., Savvin, S. B., Gribov, L. A. - Electronic structure of azo compounds and their complexes with elements. Report No. 3: Structure of boryllum and scandium complexes with arsenazo I studied by the method of molecular orbitals. p. 490.
- Bulenkova, T. I. - Stabilization of sorption activity of aluminum oxide for thin-layer chromatography. p. 600.
- Masodova, G. V., Bol'shakova, L. I. - Concentration of elements by sorption on phenol-formaldehyde resins. p. 504.
- Bellav, R. I., and others. - Use of direct current arc for the atomic-absorption determination of element traces. p. 508.
- Bagdasarov, K. N., Kovalenko, P. N., Shemakina, M. A. - Study of indium, cadmium, bismuth complexes with xylenol orange, and their use for the photometric determination of these elements. p. 616.
- Vagina, N. S., Volynets, M. P. - Thin-layer chromatography in inorganic analysis. Report No. 2: Separation and determination of rare earth and other impurities in the analysis of lanthanide preparations of different purity. p. 521.
- Shikhov, V. D., Dedkov, R. M., Iampol'skii, M. Z. - Spectrophotometric study of some monoazo derivatives of it-salt as a reagent for gallium. p. 520.
- Luk'yanov, V. F., Khlazeva, E. M. - Reaction of zirconium (IV) with pyrocatechol violet. p. 536.
- Gusov, S. I., Popel'tsin, L. V. - Photometric and extraction-photometric determination of antimony (III) by pyridylazobenzene and its bromo-substituted compounds. p. 541.
- Babko, A. K., Tselinskii, I. U. K. - Titration of bismuth (III) with diethylthiocarbamate using a color indicator. p. 547.
- Namodruk, A. A., Glukhova, L. P. - Extraction and determination of hexavalent uranium as a complex with arsenazo III. p. 552.
- Norkus, R. K., Stulgienas, S. P. - Use of OsO_4 as a catalyst in titrimetry. Report No. 7: Potentiometric determination of borohydrides by means of $\text{K}_2\text{Fe(CN)}_6$. p. 566.
- Nogina, V. R., Kozyrova, E. A., Bogalova, Z. S. - Quantitative determination of oxygen in titanium hydride and metallic titanium. p. 563.
- Vainshel'ts, E. E., and others. - Sorption properties and gas content of graphite of various brands in connection with their use as reducers during the determination of gases in metals. p. 568.
- Agutlov, N. Kh., Feshchenko, L. A., Dovlatykh, G. G. - Chromatographic analysis of germanium tetrachloride for the content of microimpurities in organochlorine substances. p. 576.
- Lashko, N. F., and others. - Some problems of the present-day state of physicochemical methods of the phase analysis of steels and alloys; a survey. p. 578.
- Kerimbekov, A. V., Neeterova, L. A., Panova, I. A., and others. - Use of vaseline oil in quantitative analysis by infrared absorption spectra. p. 588.
- Sayislova, N. F., and others. - Determination of hydroxyl groups in polyethers. p. 594.
- Bozuyiy, V. D., Ponomarev, R. P. - Separate determination of acrylates and methacrylates by polarography. p. 599.
- Bekachenova, N. M., and others. - Determination of the pyromellitic acid content of pyromellitic dianhydride. p. 606.
- Shaposhnikov, R. K., Kostukova, L. V., Druskina, E. Z. - Gas chromatographic analysis of wood tar phenols. p. 609.
- Basev, A. I., Aktimov, V. K., Emel'innova, I. A., and others. - Antipyrine perchlorate as an initial substance for the standardization of nonaqueous solutions of bases and acids. p. 610.
- Krilyashko, E. N., Kariakina, I. V. - Masking of the reaction between molybdate and ferrocyanide in the presence of sodium fluoride. p. 610.
- Tiptsova, V. G., and others. - Spectral determination of impurities in cadmium telluride. p. 622.
- Teront'ev, A. P., Bondarevskaya, E. A., Kirillova, T. V. - Analysis of organometallic compounds. Report No. 3: Determination of Si-H groups in organosilicon compounds by coulometric titration. p. 625.
- Nichugovskii, G. F., Vinogradova, E. V., Dobychin, S. L. - Determination of hydrogen peroxide, peroxyacetic acid, and acetyl peroxide present in the same batch. p. 627.
- Baryshnikov, I. U. N., Kvasov, A. A. - Iodometric determination of phenyl organozinc compounds. p. 630.
- Kondratov, V. K., Novikov, E. G. - Potentiometric titration of some pyridyl-containing carbonic acid derivatives with tetraethylammonium hydroxide in methyl ethyl ketone. p. 631.
- Bozinger, N. N., Gal'pern, G. D. - Acetic anhydride as a medium for titration of cyclopentane-2,3-pyrrrole and cyclohexene-2,3-pyrrrole. p. 635.
- Balkin, M. P. - Determination of α - and β -naphthol by a kinetic method. p. 637.
- Grokov, A. P., Mal'tenko, S. A. - Photometric determination of carboxylic acid carbazides. p. 639.
- Shitovskaya, M. A., Nogina, K. G. - Determination of oxethyl groups in acetylcellulose. p. 640.
- Prokopenko, N. A., Matorova, R. V., Domenskaya, M. I. - Determination of the composition of a mixture of C_4 - C_{10} diprimary glycols with C_6 - C_{16} primary monohydric alcohols by means of gas-liquid chromatography. p. 642.
- Korol', A. N. - Seminar on the theory and application of a stationary phase in gas-liquid chromatography. p. 646.
- Zarbakii, V. A., Klug, O. - Second International Symposium on Osallometry. p. 647.
- ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, no. 3, Mar. 1968.
- Table of contents translated:
- Morachovskii, A. G. - Present state of studies of the thermodynamic properties of binary and ternary liquid metal systems. p. 573.
- Evasev, A. M. - Molecular dynamics and thermodynamic properties of solutions. p. 584.
- Temilin, I. A., Shvartsman, L. A. - Thermodynamic activity of carbon in alloyed systems. p. 588.
- Andriyevskii, R. A. - Thermodynamics of three-component interstitial phases. p. 603.
- Dogolubskii, S. D., and others. - Some problems of the thermodynamics of hydrogen corrosion. p. 606.
- Alekseev, V. I., and others. - Determination of the thermodynamic activity of carbon in the region of vanadium carbide homogeneity. p. 616.
- Vlasov, V. K., Golubeva, I. V. - Study of niobium carbide vaporization from open surface into a vacuum. p. 620.
- Avstian, M. B., Buzlukhina, G. K. - Using chemical analysis methods for studying steel decarburization by high pressure hydrogen. p. 624.
- Burylev, B. P. - Concentration dependence of reaction energy in short range order in iron-base binary and ternary alloys. p. 628.
- Nikol'skaya, T. A., Avarbo, R. G., Vit'k, R. N., and others. - Temperature and concentration dependence of thermodynamic functions of niobium and tantalum carbide phases. p. 637.
- Mazaov, A. A., Avarbo, R. G., Vit'k, R. N. - Regularities of hydrogen solubility in transition metals of subgroup B. p. 641.
- Samokhval, V. V., Vocher, A. A. - Thermodynamic properties of aluminum monoxide. p. 644.
- Alekseev, V. I., Malkin, V. I., Pekideyev, V. V., and others. - Application of the method of electromotive forces in determining the activity of metal components of binary and ternary carbides. p. 647.

- Eremenko, V. N., Lukashenko, G. M., Sidorov, V. R. - Thermodynamic properties of manganese alloys with period 4 transition elements (Cr, Fe, Co, Ni) and copper. p. 652.
- Eremenko, V. N., Lukashenko, G. M., Prutala, V. L. - Study of thermodynamic properties of solid solutions of the system Ag - Pd by measuring capillary pressure. p. 657.
- Shcherbatskiy, G. V., Shal'durov, V. I. - Effect of silicon nickel and chromium on thermodynamic activity of carbon in austenite. p. 660.
- Fedorov, G. B., and others. - Thermodynamic properties of alloys of the system zirconium-niobium. p. 663.
- Vecher, R. A., Plazov, V. K. - Study of thermodynamic properties of melts of the ternary system Ag - Bi - Sn. p. 667.
- Melekh, B. T., Semakovich, S. A. - Approximate calculation of entropies and heats of fusion of some semiconductor compounds. p. 672.
- Vasil'ev, V. P., and others. - Study of thermodynamic properties of bismuth selenide by the electromotive force method. p. 675.
- Dubinin, V. A., and others. - Reaction of zinc with beryllium. p. 678.
- Volkovich, A. V., and others. - Study of thermodynamic properties of liquid zinc-uranium alloys by the electromotive force method. p. 682.
- Kerber, V. I., and others. - Study of the state of liquid lanthanum-bismuth solutions by the electromotive force method. p. 685.
- Lebedev, V. A., Nizhkov, I. F., Raspopin, S. P. - Study of the state of uranium in liquid uranium-bismuth solutions by the electromotive force method. p. 690.
- Lebedev, V. A., and others. - Study of thermodynamics of intermetallic compounds of bismuth with uranium by the electromotive force method. p. 694.
- Kozin, I. F., Nigmatova, R. Sh., Dairova, A. M. - Study of thermodynamic properties of ternary amalgam systems. The system cadmium - bismuth - mercury. p. 698.
- Lazarev, M. F., Nikolova, E. I. - Study of thermodynamic properties of liquid metal solutions of Cd - K - Ti by the electromotive force method. p. 703.
- Lazarev, M. F., Antonova, M. I. - Study of thermodynamic properties of liquid metal solutions of Pb - K - Ti by the electromotive force method. p. 709.
- Lazarev, M. F. - Problem of classifying binary liquid metallic solutions according to their thermodynamic properties. p. 713.
- Sivallin, I. T., and others. - Using different models of solution for liquid metallic alloys. p. 717.
- Tikhonov, A. A., and others. - Thermodynamic properties of ternary metallic melts of the system aluminum - zinc - tin. p. 723.
- Laptev, D. M. - Use of fusion heat in statistical thermodynamic calculations of melting diagrams. p. 726.
- Valsburg, S. E., Skelton, A. B., Hemen, T. F. - Calculation of activity of components in ternary systems. p. 731.
- Latsenko, S. P., Danilin, V. R. - Structure of short range order and interparticle reaction in liquid binary alloys of gallium with elements of groups 2, 3, 4, and 5 of the periodic system. p. 734.
- Men', A. N., and others. - Calculation of concentration and temperature dependence of thermodynamic functions of mixing for binary alloys. p. 738.
- Petrushkevskiy, M. S., Gel'd, P. V. - Accounting for short range order in calculating the thermodynamic characteristics of liquid alloys. p. 741.
- Valsburg, S. E., Hemen, T. F. - Activity of components in arsenide melts of iron, cobalt, and nickel. p. 745.
- Fizhova, T. P., Poutatovskiy, E. G., Apfeln', I. L. - Phase in the system Fe - Mn and high hydrostatic pressures. p. 748.
- Prutala, V. L. - Thermodynamic properties of transition metals and their compounds based on concepts of the formation of stable configurations by the localized part of valence electrons. p. 755.
- Mitxel', E. I., Valsburg, S. E., Gran', N. I. - Activity of silicon in iron-nickel. p. 761.
- Filippov, E. S., Neimov, N. A., Samarin, A. M. - Regularities in the change of heat capacity, volume, and radiation capacity of metals in supercooling of phases. p. 763.
- Cherkasov, P. A., Averin, V. V., Samarin, A. M. - Silicon and titanium activity in melts of iron, cobalt, and nickel with chromium. p. 767.
- Priselkov, I. U. A., and others. - Evaporation anomalies in phase conversions in condensed systems. p. 772.
- Lukashenko, G. M. - Evaluation of the entropies of formation of some intermetallic compounds. p. 775.
- Dalalin, G. I., Belchordova, E. A. - Thermodynamic properties of liquid alloys of aluminum with germanium. p. 781.
- Kilin, V. S., Evstukhin, A. I., Dergunova, V. S. - Thermodynamics and kinetics of the production of alloys of the system C - TiC by precipitation from the gas phase. p. 785.
- Larkov, I. N., Shmatko, O. A. - Thermodynamic properties of solid solutions of tungsten in cobalt. p. 793.
- Priselkov, I. U. A. - Calculation of evaporation rates according to results of effusion measurements. p. 796.
- Vecher, A. A., Vecher, D. V. - Possibility of using solid electrolytes with oxygen conductivity for studying thermodynamic properties of active metal alloys. p. 799.
- Vlasov, V. K., Chibrikov, I. V., Nesmelarov, A. N. - Methods of measuring evaporation rates of high-melting carbides from open surface into a vacuum. p. 802.
- Khokhria, V. M., Kozin, I. L. - Technique for simultaneous determination of the solubility and parameters in diffusion of gases in metals. p. 805.

Vol. 12, no. 4, Apr. 1988.

Table of contents translated:

- Sagorin, D. N., Tulupov, V. A. - Electron (orbital) states of particles and elementary chemical (catalytic) events. Report 3: Some processes of oxidation. p. 813.
- Karun, S. M., Bichachenko, A. L. - Arylnitrogen and aryl nitroxide radicals in reactions of amines and thioamides with peroxides. p. 818.
- Maldunayakata, L. G., Terpigova, A. F., Plotnikova, V. P. - Energy of the reaction of heterocyclic compounds with zinc sulfide and cadmium sulfides. p. 822.
- Chesnokov, L. L. - Viscosity activation energy changes in melts of some metals. p. 828.
- Kopylov, I. U. A. - Kinetics of photoconductivity in organic semiconductor liquids. p. 830.
- Antonov, T. L. - Use of the method of correlative functions in calculating surface characteristics of normal liquids. p. 835.
- Nazarenko, I. U. T. - Thermal diffusion in mixtures of gas and vapors. Part I. Theory of the method. p. 839.
- Sinitsyn, K. N., Saripov, V. P. - Kinetics of nucleus formation in superheated liquids. p. 844.
- Kunt, F. M., Rusakov, A. I. - Distribution functions in surface layers. Part I. Asymptotic theory of surface layers of liquids. p. 846.
- Kupriyanov, S. E., Perov, A. A. - Dissociative collisions of ions from ethylene with xenon atoms. p. 857.
- Gusarov, A. V., Gorodkov, L. N. - Mass spectrometric study of potassium hydroxide vaporization. p. 860.
- Krestov, G. A. - Entropy of gaseous multianionic ions at various temperatures. p. 869.
- Latsenko, S. P., Danilin, V. R., Volkova, L. N. - Equilibrium between gallium and its chlorides in a fused eutectic mixture of lithium and potassium chlorides. p. 874.
- Prizubov, Sh. E. - Dependence of equilibrium coefficient of impurity distribution on the chemical position in the D. I. Mendeleev periodic system. p. 878.
- Smolenskaya, N. G. - Conditions of the removal of gaseous products from a reacting porous body. p. 883.
- Rubovskiy, B. G., Kogan, V. M. - Interaction of metals with fused chlorides. Part I: Reduction of ferric chloride by metallic aluminum. p. 893.
- Kegel'tsev, A. N., and others. - Optimum conditions for zone purification. p. 893.
- Dessolov, A. F., Vlasov, V. G. - Analysis of the process of oxidation of metallic uranium based on temperature dependence of reaction rate. p. 899.
- Fagman, A. B., Isabekov, A., Almashev, B. K. - Modification of skeletal nickel catalyst by additions of transition metals. Part 8: Electrooxidation of hydrogen and catalytic hydrogenation on skeletal nickel-ruthenium alloys. p. 903.
- Semikolkin, I. A., and others. - Study of ammonia dissociation in a silent electric discharge. p. 909.
- Korsunovskiy, G. A., Lebedev, I. U. S. - Determination of quantum yield of products of water photoreduction by ferrous oxide perchlorate. p. 915.
- Antonovskiy, V. L., Terent'ev, V. A. - Behavior of ketone peroxides in solution. Part 8: Dissociation of 1,1'-dioxo- and 1-oxo-1'-hydroperoxydimethyl-dicyclohexyl peroxides. p. 928.
- Davydov, R. M., Ponom, G. V. - Study of the reaction of p-benzoquinone with FeCl₂. p. 928.
- Tomazhkov, N. D., Shukov, N. M. - Effect of alternating current frequency on the corrosion rate of aluminum in sulfuric acid. p. 931.
- Kristalik, I. I. - Kinetics of surface reaction in logarithmic isotherm of adsorption. p. 935.
- Kiselev, V. F., Novototskiy, Vlasov, I. U. F., Prudnikov, R. V. - Mechanism of the effect of adsorbed molecules of water on electrophysical parameters of the real surface of germanium. p. 937.
- Nikitina, O. V., Brant, R., Kiselev, V. F. - Study of the hydrogenation mechanism of the surface of a freshly cut graphite. p. 943.
- Dvorkin, I. B. - Theory of convective diffusion of salts in porous media. Part 3: Convective diffusion of salts in porous media allowing for the effect of "impassable" pores. p. 948.
- Rachinskii, V. V., Inchin, P. A. - Theory of radial-cylindrical dynamics of sorption. Part I: Basic regularities. p. 957.

- Dubinin, M. M., and others. - Use of concepts of the theory of adsorption for the calculation of parameters of the microstructure of adsorbents. p. 964.
- Radoshkevich, L. V., Kolgarov, V. A., and others. - For the effectiveness of various factors in adsorption on fibers and possibilities of adsorption factors in filtration. p. 971.
- Rodina, A. A., and others. - Interaction of benzene vapors with inert gases. p. 977.
- Kuznetsov, A. I., Panchukov, G. M., and others. - Study of the solubility of ammonia in ketones and amines. p. 982.
- Artisov, B. G., and others. - Adsorption of ammonia on the surface of NaCl and KCl crystals. p. 987.
- Butylev, I. A. - Vibrational relaxation of benzene vapors with inert gases. p. 993.
- Barabanov, V. A., Davyslova, S. L., Plotnikova, V. A., and others. - Effect of the solubility of complexes of transition metal ions with some macromolecular ligands. p. 998.
- Panchukov, V. A., Akhikina, E. I. - Use of the calculation method in a study of diffusion coefficients. p. 1003.
- Kolganov, I. M., Panchukov, I. M., and others. - Dependence of transition rate on the structure of crystalline aluminum hydride from aluminum determined by the method. p. 1004.
- Eliseeva, A. F., Popovskaya, N. P., and others. - Surface tension of melts of eutectic and ternary aluminum systems. p. 1009.
- Mariyev, I. U. M., Korotkiy, I. I., and others. - Study of interdiffusion of arsenic from silicon tetrachloride by silica. p. 1014.
- Plavov, I. E., Noglova, V. V., and others. - Study of true specific heat of chlorine earth elements at low temperatures. p. 1017.
- Volok, I. D., Osipov, I. U. B. - Surface tension of liquid metals. p. 1023.
- Mikhailov, A. I., Lebedev, I. U. S. - Nature of the effect during recombination of solid phase. p. 1025.
- Drankin, S. I., Borisova, A. M., Sergeev, A. M. - Mobility of mercury and thallium in liquid. p. 1027.
- Gusakov, V. M. - Study of the adsorption of nitrophenols on coal from an aqueous sodium chloride using the polarograph. p. 1030.
- Matevov, K. I., Melnikovskiy, I. N., and others. - Activated systems and catalytic oxidation of nitrobenzene in solution. p. 1033.
- TSekhanakata, I. V. - Diffusion in the phosphor-water in the critical region. p. 1037.
- Kuznetsov, M. I., and others. - Thermodynamic properties of solids in 1-naphthaldehyde. p. 1047.
- Danilovskiy, A. P., Zhilova, A. N., and others. - Entropy and enthalpy of gallium liquid. p. 1051.
- Rubisova, K. A., Kromskiy, K. N. - Heterogeneous catalytic effects during reactions of olefinic discharges. Part I: Flow. p. 1052.
- Turchanin, A. G., Pesonko, V. V. - Entropy capacity of titanium carbide in the critical region at temperatures from 1300 K. p. 1059.
- Burov, I. M., Iakubov, A. A. - Effect of the composition of solid solutions of base binary alloys. p. 1063.
- Morzhanov, I. A., Aukhina, G. G. - Impurity in finite length samples after zone purification. p. 1069.
- Garkavtsov, I. G., and others. - Dependence of adsorption of n-hexano by NaX zeolite on pressure and temperature. p. 1073.
- Fedorov, G. I., Tarasova, G. F., Izrael', V. P. - Rapid method of determining adsorption. p. 1079.

ZHURNAL STRUKTURNOI KHIMII (JOURNAL OF STRUCTURAL CHEMISTRY). Issued by Akademiya Nauk SSSR, Moscow, U.S.S.R., vol. 8, no. 2, Mar.-Apr. 1988.

Table of contents translated: Vlasov, V. G., Spiridonov, V. P., and others. - Separation of the molecular components in gas electron diffraction by the method. p. 107.

Samoylov, O. A., Tsvetkov, V. G. - Study of the mechanism of the surface of a freshly cut graphite. p. 103.

Isushev, I. U. A., Tarasov, V. P., and others. - Study of aqueous solutions of fluorine complexes of zirconium and nuclear magnetic resonance on fluorine. p. 108.

Opalovskiy, A. A., and others. - NMR of earth metal hydrofluorides. p. 202.

- and others. - Manifoldness of halogen adsorption effect in uniaxial organomercury compounds. p. 287. L. K. and others. - Structure of $(\text{C}_6\text{H}_5\text{O})_2\text{PO}$ compounds. p. 213. R. L. - Calculation of the effect of polar-X rays on K absorption spectrum of InClO_3 single crystal. p. 218. A. I. Shkol'nikov, L. M. Kolozova, Crystallochemical data on chelate compounds. Part 3: Crystalline and structure of palladium dibenzoyl. p. 222. A. P. Solov'eva, O. P. Struchikova, Crystalline structures of polynuclear carbenyls. Part 3: Tetraacetylenicall-manganesepentacarbonyl. p. 228. V. G. Struchkov, I. U. T. - Crystalline and structure of two "isomers" of π -cyclo-ylbis-(triphenylphosphite) tin oxide. p. 240. A. I. Gol'der, G. A. - Crystalline and structure of ρ - ρ' -dimethyl- α - α' -dione. p. 250. I. A. Struchkov, I. U. T. - Crystalline of 1,4,5,8-tetraazabenzophenone. p. 258. A. I. Chistilakov, A. L. - Model of electro-molecules of sandwich-type structure. p. 260. U. I. Diakina, M. L. - Valence states of thermochemical properties of gaseous compounds. Part 3: Halides, oxides, and of elements in anion groups 5B through 7B. p. 260. I. Fomichev, V. A. - Electron levels of Hg^{2+} . p. 270. V. - Calculation of humic acid group rules of polymers and catenanes. p. 285. V. O. - Geometry of molecules and energies. Part 1: Alkanes. p. 280. A. I. Sukhomov, B. I. - Calculation of potential of intermolecular reactions in crystalline compounds. p. 286. A. - Influence of the nature of anions on of water. p. 305. A. I. Kazakova, V. M. - Electron paramagnetic spectra of negative ion-radical anion radicals. p. 306. V. and others. - Electron-hole centers and synthetic monocrystals of calcium fluorite impurity. p. 309. A. I. Stepanova, A. U. Dychachenko, Paramagnetic shifts of protons of solvents of organic radicals. p. 311. A. I. Dychachenko, V. I. Dychachenko, Nuclear magnetic resonance in normal radicals. p. 312. A. I. Dychachenko, V. I. Dychachenko, Nuclear magnetic resonance structure of aquapolycompounds. Part 2: in parathiolate and paramolybdate. p. 312. N. I. Varonik, A. P. - Errors in high-resolution nuclear magnetic resonance. p. 318. I. I. Kibachnik, M. L. - Manifestation of once of hydrogen atoms of CH_3 - P the infrared spectra of organophosphorus. p. 320. V. Z. Olofin, E. F. Enkolopina, Small vibrations and intermolecular in thiolic polyoxymethylene crystal. p. 320. A. I. Solov'eva, E. V. - Raman spectra of powders. Part 3: Lead and mercury. p. 324. A. I. Ivanova, N. N. - Kerr molecular structure of complexes of carboxylic acids. p. 327. I. I. Kriplakevich, P. I. Chopiga, Crystal structure of MoCO_3 , WCO_3 . p. 327. O. A. Golyshev, V. M. Alovnikov, Ray structural study of KOsO_3 crystals. p. 330. A. I. and others. - Structure of holmium monoclinic trihydrate crystals. p. 331. A. I. Astinov, L. A. Porai-Koshits, Structure of complex ion in gadolinium benzoylacetate of $\text{pH} 10.5$. p. 332. G. G. Gusev, A. I. Struchkov, Ray data on some complexes of states with iodine. p. 333. A. I. Cherenkova, N. M. - Complex of procrystallochemical calculations on the electronic computer. p. 334. Brusilov, F. A. - Effect of certain experiments on radial distribution curve. p. 336. A. I. Kulomichuk, V. N. - Crystallochemistry with mixed anions. p. 339. Interference on "Dipole Moments and Structures," p. 357.
- 6. MATHEMATICS**
- AKADEMIJA NAUK SSSR. Izvestiya. Seriya matematicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 32, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Kiselevskii, G. E. - Invariant subspace of Volterra dissipative operators with imaginary kernel components. p. 3.
- Trigub, R. M. - Linear summation methods and absolute convergence of Fourier series. p. 24.
- Subbotnikov, M. A. - Convergence of conjugate Fourier series. p. 50.
- Olofin, V. A. - Transcendence and algebraic independence of the values of certain entire functions. p. 83.
- Sprindzhuk, V. G. - Irrational values of certain transcendental functions. p. 93.
- Zhebenko, D. P. - Analysis of irreducibility in a class of elementary representations of a semisimple complex Lie group. p. 108.
- Lavrik, A. F. - Approximate functional equations of Dirichlet's functions. p. 134.
- Shiray, A. V. - Extensions and characteristic function of a symmetric operator. p. 168.
- Iakov, V. A. - Extension of functional propositional calculus to classical calculus and extension of minimal calculus to intuitionistic calculus. p. 208.
- Novikov, P. S., Adjan, S. I. - Infinite periodic groups. Part 1. p. 212.
- DIFFERENTIAL'NYE URAVNENIYA [DIFFERENTIAL EQUATIONS]. Minsk, vol. 4, no. 5, May 1968.
- Table of contents translated:
- Krasovskii, N. N. - A characteristic of the encounter of movements in a game. p. 767.
- Subbotin, A. I. - Regularization of a problem concerning the encounter of movements. p. 779.
- Kurlovskii, I. A. - Invariant sets of differential systems. p. 785.
- Krivenkov, I. U. P. - Use of the theory of optimal processes in studying industrial models. Part 2. p. 796.
- Dolov, M. V. - Method for studying limiting cycles. p. 812.
- Chernodanov, V. I. - Isotomism of a system of differential equations. p. 821.
- Illichovskii, V. S. - Boundary value problem for a system of ordinary differential equations. p. 830.
- Lopatin, A. K. - Algebraic reducibility of systems of linear differential equations in the limit interval of change of an independent variable. Part 2. p. 839.
- Kamenov, I. V. - Variability and homogeneity of the solutions of a nonlinear second-order equation with a multiplicatively divided right part. p. 845.
- Raginskii, R. K. - Solvability of boundary value problems for ordinary differential equations with discontinuous right parts. p. 850.
- Zhukovskii, V. I. - Conditional stability on a given time interval. p. 858.
- Tsol, R. M. - Problem concerning the stability of oscillations of quasi-linear autonomous systems with retarded argument. p. 868.
- Pulekov, V. R. - Analysis of a system of differential functional equations. p. 875.
- Kanyin, L. I. - Smoothness of thermal potentials. Part 5: The thermal potentials U_1, U_2 and W on surfaces of the type $1 \pm \alpha + 1, \alpha, \alpha/2$ and $1 \pm 1, 1, (1 \pm \alpha)/2$. p. 881.
- Mamchur, N. M. - Use of the contour integral method in solving a mixed problem for a parabolic system. p. 890.
- Kochun, A. I. - Asymptotic behavior of the solution of Dirichlet's problems for equations of the second and fourth order. p. 897.
- Iaroslav, I. U. P. - The linear collocation method. p. 925.
- Morozov, N. F. - Nonlinear oscillations of thin plates allowing for the momentum of rotation. p. 932.
- Kalaidas, A. F., Sereda, V. I. U. - Method for solving linear integral equations of the second kind. p. 938.
- Sadovskii, A. P. - Solution of the problem of center and focus in a single case. p. 943.
- Nguyen Thien Hoa. - Linear asymptotic equilibrium. p. 946.
- Dinov, I. N. - A class of irregular systems. p. 948.
- Vol. 4, no. 6, June 1968.
- Table of contents translated:
- Gabarov, R., Kirillova, F. M. - Principle of maximum for L. S. Pontryagin's extremals. p. 983.
- Krechelov, G. S. - Asymptotic stability of the zero solution of a nonautonomous system of two differential equations. Part 2. p. 973.
- Kondratenko, S. G., Ablonskii, I. A. I. - Dynamic characteristics of systems of two differential equations. p. 983.
- Kondratenko, S. G. - Mobile singular points of the solutions of certain systems of differential equations. p. 985.
- Gabarov, R. - Optimality of special control systems. p. 1000.
- Cherkas, L. A. - Stability of special cycles. p. 1012.
- Sadovskii, A. P. - Stability in critical cases. p. 1018.
- Usachenko, A. A. - Liapunov's functions and the continuation of solutions of differential equations. p. 1022.
- Amel'kin, V. V. - Behavior of integral curves of a system of two differential equations. p. 1035.
- Konopova, O. A. - An equation describing nonlinear oscillations. p. 1043.
- Arkhutov, B. M. - Green's matrix of a periodic boundary value problem for a system of two linear differential equations of the second order. p. 1055.
- Zaretskii, M. V. - A differential equation of Lagrange. p. 1065.
- Crede, E. I. - Extension of the solutions of n-dimensional Volterra integral equations near singular points. p. 1071.
- Orlov, N. I., Ushakov, N. I. - Some new boundary value problems for a certain type of partial differential equations. Part 1. p. 1081.
- Galka, S. I. - Use of the method of contour integrals in solving a problem dealing with transverse vibrations of a viscoelastic rod. p. 1102.
- Lando, I. U. K. - Index and normal solvability of integro-differential operators. p. 1112.
- Ivanov, E. A. - Problem concerning the field of a linear source in the presence of a curvilinear lattice made from a finite number of parallel lines. p. 1127.
- Liskovets, O. A. - Regularization of linear equations in Banach spaces. p. 1130.
- Monastyrnyi, P. I. - Use of the method of orthogonal transformations in solving boundary value problems with nonseparable conditions for systems of differential equations. p. 1140.
- Izobov, N. A. - Set of lower indices of a positive measure. p. 1147.
- Bulovets, P. S. - A class of dynamic systems with two closed algebraic trajectories. p. 1150.
- Mironenko, V. I. - A class of differential systems with elementary solutions. p. 1151.
- Ladits, N. N. - Absence of bifurcation points of attraction. p. 1167.
- Gornetschenko, S. M. - Forced sliding process in the method of differential descent. p. 1158.
- KIBERNETIKA [CYBERNETICS]. Organ of Ordovik materialnits, mekhaniki i kibernetiki Akademii nauk Ukrainy SSR [Department of Mathematics, Mechanics and Cybernetics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Gusakov, V. M. - Completeness of systems of operations in electronic computers. p. 1.
- Dukhachev, R. G. - Theory of probability automata. p. 9.
- Kochikarev, B. S. - Stability of probability automata. p. 24.
- Ivanenko, V. I. - Method for the conversion of a space of observations in statistical synthesis of nonlinear closed-loop control systems. Part 2. p. 31.
- Bortkevskii, A. M., Gol'denberg, G. S. - System for the automation of programming for analog computers. p. 30.
- Krivenkov, I. U. P. - Some problems of the theory of network scheduling methods. p. 45.
- Gantlov, L. V. - Analysis of circuits with piecewise linear elements. p. 53.
- Suprunenko, D. A. - Values of a linear form over a set of subthresholds. p. 59.
- Aizenshteyn, V. S., Kravchuk, D. N. - Minimum of a linear form over a set of complete cycles of a symmetrical group S_n . p. 64.
- Ivanov, V. V., Truon, V. R. - Contribution to the method of ponality functions. p. 67.
- Amosov, N. M. - Simulation of thought processes. p. 70.
- Sheizinger, M. I. - Interdependence of teaching and self-teaching in pattern cognition. p. 81.
- Tol'kanskii, L. A. - Two-stage optimal cognitive systems. p. 89.
- Cherenin, V. P., Rodionov, V. V., Trubin, M. S. - Solution of informational problems of I and II types using the "Ural-4" computer. p. 93.
- Narzikulov, Kh. N. - Number of incomplete colorings of the vertices of a graph. p. 100.
- Aizenshteyn, N. M. - Representations of functions of k-valued logic by k modulo polynomials. p. 102.
- Samoilenko, I. G. - Two classes of grammars of direct components. p. 102.
- M

- Marlurov, O. V. - Poincaré polynomials of homogeneous Riemann spaces. p. 20.
- Doan Kula. - Poincaré polynomials of compact homogeneous Riemann spaces with an irreducible stationary group. p. 33.
- Sabinin, L. V. - Involutive sums of Lie algebras. p. 94.
- Kantor, I. I. - General norm of Jordanian algebra and geometry of certain transformation groups. p. 114.
- Kruchovich, G. I. - Kagan's spaces and nontransitive groups of motions. p. 144.
- Pimenov, R. I. - Semi-Riemannian geometry. p. 154.
- Kabanov, N. I. - On the geometrical theory of Carathéodory transformations in a simple singular variational problem for an integral of multiplicity. (in 1). p. 174.
- Chernyl, D. E. - Geometry of once-intersecting and semiconically twice-intersecting surfaces in laminated $M_{4,4}$ space and its applications to the variational calculus. p. 209.
- Vagner, V. V. - Algebraic theory of coordinate algebras. Part 2. p. 229.
- Dogaevskii, A. N. - Harmonic functions on GL(2). p. 282.
- MOSKOVSKOE MATEMATICHESKOE OBSHCHESTVO. TRUDY [MOSCOW MATHEMATICAL SOCIETY. TRANSACTIONS].** Moscow, vol. 17, 1967.
- Table of contents translated:
- Ivanov, I. S. - Free T-sums of multipoperator bodies. p. 3.
- Onishchik, A. L. - Some conceptions and applications of the theory of non-Abelian cohomologies. p. 45.
- Gurevich, R. M. - Some conditions for the existence of K-equations for spectral streams. p. 69.
- Berezin, F. A. - Representation of operators with the aid of functionals. p. 117.
- Berezin, F. A., Sinai, I. A. G. - Existence of a phase transition in a lattice gas with interparticle attraction. p. 167.
- Minlos, R. A., Sinai, I. A. G. - Recent results in dealing with first-order phase transitions in lattice gas models. p. 213.
- Minlos, P. A., Povzner, A. I. A. - Thermodynamic limit for entropy. p. 243.
- Evgor'lov, M. A. - An integral transformation and its application in estimating the number of eigenvalues of some integral operators. p. 273.
- Krein, S. G., Potunin, I. I., Somenov, E. M. - Scales of Banach structures of measurable functions. p. 293.
- Faddeev, L. D. - Expansion in eigenfunctions of the Laplace operator in the fundamental domain of a discrete group on a Lobachevskii plane. p. 323.
- RUSSIA 1923- U.S.S.R. I Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshego i srednego spetsial'nogo obrazovaniia. [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning: Mathematics].** Moscow, no. 5(72), May 1968.
- Table of contents translated:
- Berkovich, L. M., Kval'tsner, V. I. - Operator identities and some ordinary linear differential equations of high order integrable in the closed form. p. 3.
- Borlman, M. I. - Integral geometry on an n-dimensional torus. p. 17.
- Vorbanov, S. A. - Study of the averaged interpolation process of S. N. Bernstein in the closed domain. p. 26.
- Estimate of the divergence of functions from the linear averages of some trigonometric polynomials. p. 30.
- Gamllov, Sh. G. - Qualitative study of inhomogeneous boundary value problems of the Valtée-Poussin type. p. 37.
- Kerkina, L. P. - Regularization of first-order integral equations with Green's kernel. p. 44.
- Kritskala, S. S. - Properties of some series related to eigenfunctions and eigenvalues of a Sturm-Liouville-type boundary value problem. p. 50.
- Labaker, L. G. - Set of linear integral operators of the same general construction. Part I. p. 54.
- Porov, A. I., Kalsaran, T. K. - Theorems of Favard and Bohr-Neugebauer for multidimensional differential equations. p. 62.
- Roze, S. N. - External problem in the theory of elasticity for the case of a homogeneous anisotropic medium. p. 71.
- Riabagva, V. M. - A class of spectral functions of a closed isometric operator with finite indices of defect. p. 80.
- Slonovskii, N. V. - Asymptotic factorization of a Hankel transformation. p. 86.
- Udalova, I. A. - Geometrical interpretation and generalization of a Liapunov theorem. p. 91.
- El'man, I. I. - Approximation of functions at infinite intervals by asymptotic polynomials of the second kind. p. 97.
- SIBIRSKIY MATEMATICHESKIY ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL].** Issued by Sibirskoe otdeleniye Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, no. 3, May-June 1968.
- Table of contents translated:
- Bakhlin, I. A. - Continuation of linear positive functionals. p. 475.
- Bernman, S. D., Shatalov, V. V. - Irreducible representations of an infinite direct product of finite groups. p. 485.
- Belov, K. M. - Infinitesimal flexures of a toroidal surface of revolution. p. 490.
- Bord, A. A. - Periodic normal divisors of the multiplicative group of a group ring. p. 495.
- Bokul', L. A. - Groups with a relative standard basis. p. 499.
- Borisevich, A. I., Lapin, G. P. - Interpolation of entire functions. p. 522.
- Borovskii, I. U. E. - An estimation for convex surfaces with quasi-conformal spherical mappings. p. 530.
- Globenko, I. G. - Analysis of a one-product dynamic model. p. 535.
- Goldberg, V. V. - P-pairs of Laplace sequences in multidimensional projective space with a fixed hyperquadric. p. 542.
- Kruglakov, L. Z. - On 2-families of straight lines in P_3 and pairs of congruences of straight lines in P_3 . p. 554.
- Kuz'mina, V. V. - Embedding of a lattice with mean elements into a K-space. p. 568.
- Maizgal'ts, L. S. - Some properties of convex sets and their applications to the theory of growth of convex and entire functions. p. 577.
- Miroshnikov, A. A. - Generalization of the asymptotic period of an entire function. p. 582.
- Mishakov, R. T. - A Carleman type problem for a multiply connected region in a class of generalized analytic functions. p. 607.
- Murav'ova, G. P. - Maximal Abelian subrings in an approximately finite factor. p. 614.
- Plotkin, B. I. - Semisimple groups. p. 623.
- Pottagallo, D. B. - Riemann surfaces in Euclidean space. p. 632.
- Rubinsovich, M. O. - Lattices with multiplication by real numbers and their use in the characterization of the positive part of a K-space. p. 639.
- Rozentinsk, I. U. G. - Mappings with bounded distortion as extremals of Dirichlet type integrals. p. 652.
- Roshchinsk, I. U. G. - Stability theorems for mappings with bounded distortion. p. 667.
- Tugov, I. I. - Preparability of variables in the Schrödinger equation. p. 685.
- Tsarkova, A. I. - Compactness of a family of surfaces with a denumerable set of decompositions. p. 695.
- Janusauskas, A. - Behavior near a hypersurface of degeneration of solutions of an elliptic equation whose order is degenerating. p. 700.
- Zink, V. V. - Approximation of periodic functions by linear methods of summation of Fourier series. p. 713.
- Kuz'minykh, V. A. - Sufficient conditions of existence of the periodic solution for a nonautonomous differential equation of the second order. p. 717.
- Lipkina, Z. S. - Discompact rings of finite patterns. p. 720.
- Potkarska, A. V. - Note on the theory of perturbations of a continuous spectrum. p. 723.
- Kuz'min, E. N. - An estimation in the theory of normed rings. p. 727.
- SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. Ural'skoe matematicheskoe obshchestvo. Matematicheskoe zapski [URAL STATE UNIVERSITY Ural Mathematical Society. Mathematical Annals].** Vol. 5, no. 3, 1968.
- Table of contents translated:
- Azizskii, S. P. - Factorization of finite groups. Part 2. p. 3.
- Andrianov, V. I. - Mixed Hamiltonian rings. p. 16.
- Berkovich, M. L. - A property of Abelian with a finite number of generators. p. 31.
- Vasil'ev, I. U. P., Fomin, A. N. - Groups close to primitive groups. p. 35.
- Eromin, I. I., Mazurov, V. D. - Iterative method for solving convex programming problems. p. 40.
- Ivanov, S. G. - Standard subgroups. p. 49.
- Katman, A. D. - Some properties of a linear semi-group in an RN-group without torsion. p. 56.
- Kontorovich, P. O., Prukhin, L. A. - Some equivalence classes of semigroups. p. 60.
- Kopylov, V. M. - Some types of products of ordered groups. p. 75.
- Leoshkin, A. M., Golubov, E. A. - Finite approximation of commutative semigroups. p. 82.
- Nagrebolskii, V. T. - Invariant covering of subgroups. p. 91.
- Romalis, O. M., Seseikin, N. F. - Non-Hamiltonian groups. p. 101.
- Shevtin, L. N. - Fundamental problems in the theory of projection of semilattices. Part 2. p. 107.
- Vol. 5, no. 4, 1968.
- Table of contents translated:
- Gal'perin, E. A. - Reduction to the canonical form of linear systems with incomplete information. p. 3.
- Gelt, V. E. - Fourier coefficients and oscillatory properties of differentiable functions. p. 10.
- Zorshchikov, A. V. - Estimation of the remainder of a Fourier-Jacobi series. p. 23.
- Klimushov, A. I. - Uniform asymptotic stability of a system of linear difference equations with variable coefficients containing a small parameter at the first differences. p. 33.
- Kononenko, A. A. - An incorrect problem for differential equations with advancing argument. p. 46.
- Ivanov, V. K., Korotkiy, T. I. - A problem of analytical continuation of a harmonic function at the first differences. p. 55.
- Molodtsov, A. A. - Commutative semigroups in a space of lower triangular matrices and analytic continuations of Taylor's series. p. 62.
- Odvirkov-Budko, B. I. - Generalization of two classical formulae in the case of functions of several variables. p. 70.
- Ogurtsov, A. I. - Stability of motion of a mechanical system. p. 87.
- Suolin, P. K. - Order comparison of various classes of polynomials in the complex domain. p. 94.
- Sulimmanov, R. V. - Solution of an integral equation of the first kind using the method of successive approximations. p. 111.
- Sulimmanov, R. V. - Use of the successive approximation method in finding the eigenvalues of the kernel $K(x, y)$. p. 105.
- Tuzhakov, A. P. - Calculation of the residues of a meromorphic function of several complex variables with linearly factorable denominator. p. 110.
- UKRAINSKII GEOMETRICHESKII ZHURNAL [UKRAINEAN JOURNAL ON GEOMETRY].** Issued by the Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R. Kharkiv, no. 1, 1967.
- Table of contents translated:
- Blink, I. A. P., Gornushova, N. M. - Central metrics on surfaces of revolution. p. 4.
- Gavrilchenko, M. L. - Infinitesimal flexures of a altering the mean curvature of a surface. p. 7.
- Gheorghiu, Gh. - Absolutes of linear and projective representations of Lie groups. p. 13.
- Dentsov, V. I. - A characterization of gravitational fields of zero scalar curvature which admit a group of motions. p. 20.
- Dentsov, V. I. - Density and energy flux of a plane Rosen's cylindrical gravitational wave. p. 32.
- Karpenko, V. L. - Normal set of n-complexes of straight lines in n-dimensional projective space. p. 24.
- Klavitskiy, L. A. - Sequence of Denjoy's curves in n-dimensional projective space. p. 33.
- Makukin, N. P. - Supplement to my article "Relationship between the linear and color diameters of a general closed convex surface." p. 37.
- Mordukhai, A. I. - On the uniqueness theorem for closed convex polyhedra in four-dimensional Euclidean spaces. p. 40.
- Milka, A. D. - Metric structure of a closed surface containing straight lines. p. 43.
- Moklak, A. P. - On the equiconformal theory of nonplane curves in R_3 . p. 49.
- Molodtsov, L. T. - Kinematics on a Lobachevskii plane. p. 56.
- Molodtsov, L. T. - Kinematics of Non-Euclidean spaces. p. 60.
- Slukhnev, V. V. - Nonholonomic manifolds of zero external curvature. p. 78.
- Slobodan, I. U. S. - On n-dimensional Riemann spaces permitting families of completely geodesic surfaces. p. 85.
- Ulanovskii, M. A. - Riemann metrics with a given field of the tensor of curvature. p. 99.
- Shor, L. A. - A class of flexures of convex surfaces with a slit. p. 102.
- Ulanovskiy, R. - Line-geometric interpretation of a canonical frame of reference of a hypersurface in pseudoeuclidean space. p. 108.
- USPEKHI MATEMATICHESKIH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES].** Issued by Akademii nauk SSSR i Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 23, no. 3(41), May-June 1968.
- Table of contents translated:
- Oleinik, O. A. - Mathematical problems in boundary layer theory. p. 4.
- Zverovich, E. I., Litvinchuk, G. S. - Boundary value problems with a displacement for analytic functions, and singular functional equations. p. 67.
- Sadovskii, L. E. - Some lattice-theoretical problems in the theory of groups. p. 123.
- Aleksandrov, P. S., and others. - Anatoliy Ivanovich Mal'tsev; obituary. p. 169.

- Vladimirovskii, I. U. N. - On Φ_1 -operators in locally convex spaces. p. 176.
- Gindikin, S. G. - Tubular domains and classes of correctness of the Cauchy problem. p. 177.
- Katok, A. B., Fofash, Ch. - Multiplicative operator functions of a metric automorphism. p. 178.
- Levin, V. L. - Infinite-dimensional analogs of a linear programming problem and the saddle point theorem. p. 181.
- Maslov, V. P. - Existence of a solution of an incorrect problem equivalent to the convergence of a regularization process. p. 183.
- Feldman, N. I. - Linear form in the logarithms of algebraic numbers. p. 185.
- Freidlin, M. I. - Existence in the large of smooth solutions of degenerate quasi-linear equations. p. 187.
- Dorevich, Z. I., Linnik, I. U. V., Skopin, A. I. - Dmitrii Konstantinovich Finkel'son on his 60th birthday. p. 189.
- Mark Grigor'evich Krein; on his 60th birthday. p. 197.
- Shtromov, I. U. M. - First International Conference on the Theory of Extensions. p. 215.
- Zarelua, A. V. - Fifth All-Union Conference on Topology. p. 210.
- Gal'pern, S. A., Gonchar, A. A., Krotov, M. A. - Boris Afanas'evich Vostretsov; obituary. p. 223.
- Morkovina, N. I. - Defense of candidate dissertations on mathematics. p. 225.

I. PHYSICS

AKADEMIA NAUK SSSR. Izvestiya. Fizika atmosfery i okeana [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Atmospheric and Oceanic Physics]. Moscow, vol. 4, no. 2, Feb. 1968.

Table of contents translated:

- Kim, V. F. - Some results of a numerical experiment with a quasigeostrophic model of the forcing of geopotential on the ionosphere. p. 116.
- Vorob'ova, A. O., Kurbalkin, O. P., Likhonin, D. L. - Effect of the horizontally heterogeneous boundary layer on dynamics of large-scale processes. p. 125.
- Shaposhnikova, M. I., Lyukov, V. N., Gulman, I. N. - Nonstationary nonlinear problem of three in the stable stratified atmosphere. p. 141.
- Amirov, A. D. - Effect of the artificial source of heat on the evolution of a cumulus cloud. p. 152.
- Gurvich, A. S. - Determination of characteristics of turbulence from experiments on light propagation. p. 160.
- Naumov, A. P. - Methodology of the determination of moisture content in the atmosphere from measurements of the absorption of radio waves near $\lambda = 1.35$ cm. p. 170.
- Plechikov, V. M. - Preliminary results of the determination of moisture content in the atmosphere according to the thermal radiation near $\lambda = 1.35$ cm. p. 182.
- Krivonozh, L. M. - Nonlinear model of the flow of heterogeneous fluid at the equator. p. 188.
- Pyrkov, I. U. O., Pivovarov, A. A., Khudzhimov, G. G. - Oscillatory motions of water in natural layers of the Black Sea. p. 190.
- Dukli, L. A. - Asymptotic form of the Laplace tidal equation for negative values of equivalent depth. p. 200.
- Collins, G. S., Romanova, N. N. - Vertical propagation of sound waves in the atmosphere of the variable viscosity depending on the altitude. p. 210.
- Panchov, St., Andreev, A. - Nonstationary ascent of individual air values in a stably stratified atmosphere. p. 215.
- Melkova, I. I. U. - Stationary model of radiation fog. p. 220.
- Ivanov, A. P. - New expressive method for the study of the optical properties of the atmosphere and ocean. p. 224.
- Gorodetski, A. K., Filippov, G. F. - Land measurements of the radiation of the atmosphere and underlying surface in the spectral region between 8-12 microns. p. 228.
- Chalanova, E. A., Shifrin, K. S. - Indirect scattering of the surface layer of the atmosphere. p. 233.
- Antonov, V. S. - Some problems of the artificial modification of supercooled stratiform clouds. p. 236.
- Vol. 4, no. 4, Apr. 1968.
- Table of contents translated:
- Lebedev, S. L., Solov'ov, G. N. - Some results of the numerical integration of an equation system describing processes in mixed layer clouds. p. 371.
- Nikit, Kh. I. U. - Calculation of the heat radiation of the atmosphere under conditions of a partially cloudy sky. p. 383.
- Grados, L. M., Nikit, Kh. I. U., Fel'dson, E. M. - Integral transmission function for cloudy conditions. p. 397.
- Dianov-Klokov, V. I., Matvoeva, O. A. - Absorption spectrum of atmospheric oxygen in the range of $1.3-0.23 \mu$ and the role of short-lived complexes $[O_2]_2$, $[O_2-N_2]$. p. 414.
- Voloshchuk, V. M., Levin, L. M. - Some problems of the aspiration theory of aerosols (Stokes' large numbers). p. 426.
- Brekhovskikh, L. M. - Radiation of infrasound into the atmosphere by ocean waves. p. 444.
- Dobrokhotov, S. V., and others. - Volume characteristics of temperature heterogeneities in the sea. p. 451.
- Gorshkov, N. F. - Microfluctuations of pressure in the surface layer of the atmosphere. p. 460.
- Golubetskii, B. M. - Absorption of selective radiation. p. 463.
- Golubetskii, B. M., Zakirova, A. R. - Calculation of the absorption of selective radiation of water vapor at 2.7μ . p. 466.
- AKADEMIA NAVUK BSSR. Vestst. Soriya fizika i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Physical and Technological Sciences]. Minsk, no. 1, 1968.
- Table of contents translated:
- Krasin, A. K., and others. - Physical characteristics of the experimental pool-type reactor IRT-2000 with a loop channel. p. 8.
- Naumov, V. A. - Description of the damping of the neutron radiation from a nuclear reactor by multi-layer biological shielding using a multigroup model in diffusion approximation. p. 28.
- Nesterenko, V. D., Shadskii, V. M. - Use of analog computers in simulating nonsteady-state thermal processes in gas-cooled power reactors. p. 38.
- Zlykharov, L. A. - Use of radioisotopes in industries of the White Russian S.S.R. p. 44.
- Krasin, A. K., Mikhov, O. I. - Contribution of the $(n, 2n)$ and (n, α) effect on beryllium to the neutron multiplication factor. p. 52.
- Lykov, A. V. - Thermodynamics of heat transfer in a gas-solid particle suspension. p. 64.
- Shanikov, A. G., Abramenko, T. N. - Method of continuous measurement of the thermal conductivity (concentration) of a gaseous binary mixture. p. 64.
- Minaev, I. U. A. - Dependence of the burning rate of solid fuel particles on the flow rate. p. 69.
- Dadzhaka, M. M., and others. - Induction annealing of industrial steels. p. 73.
- Laminskii, S. V. - Study of the cutting rate v_{90} of sulfurized cast steels. p. 80.
- Afanas'ev, M. V., and others. - Effect of pulse pressures and temperatures on the diffusion process and the mechanical characteristics of an aged layer as affected by a spark discharge. p. 86.
- Likhovich, L. S., Varshavskii, L. R. - Effect of nickel, copper, and aluminum on the boring of medium carbon steels. p. 93.
- Partashvili, R. A. - Relationship between the relaxation of stresses in metals and creep. p. 99.
- Akulov, S. B. - Theory of magnetization curves and the magnetization of ferrites. p. 104.
- Goranskii, G. K., Ruzentsov, P. I. - Use of an electronic computer in coding information relating to the unification of parts and units in designing machine tools. p. 108.
- Kunavtsov, E. G., Kuleshov, V. A. - Trigonometric functions in a circuit. p. 113.
- Shalnova, M. A. - Formation of the structure of cement sludge under the action of acoustic coagulation. p. 118.
- Svetov, A. A., Petsovd, T. M. - Strength and deformability of concrete stressed at an early age. p. 122.
- Olukhan, V. I. - Study of processes in the elements of information. p. 126.
- Evgenii Aleksandrovich Zikharov; obituary. p. 131.
- No. 1, 1968.
- Table of contents translated:
- Konovalov, E. G., and others. - Changes in mechanical properties of the D16T alloy and copper under the action of ultrasonic vibrations in a range of low and high temperatures. p. 5.
- Grubin, A. N. - Analysis of the stressed state produced by plastic deformation during triaxial stretching. p. 9.
- Akulov, V. I., Severdenko, V. P. - Solving the differential equation of rolling. p. 16.
- Akulov, V. I., Severdenko, V. P. - Mathematical association between the specific forces of friction and specific pressure during longitudinal rolling. p. 23.
- Konovalov, E. O., Chistoserov, P. S. - Kinematics of rotation broaching. p. 28.
- Konovalov, E. O., Chistoserov, P. S. - Determining the profile of foil contact rollers of rotation tools. p. 38.
- Konovalov, E. G., and others. - Changes in the mechanical properties of the D16T alloy, copper, technical iron, and 45 steel under the action of ultrasound-frequency cyclic loading during the forming test. p. 45.
- Zukavich, V. I., Blaisov, V. I. - Dependence of the mechanical properties of K16H9T steel and OT4 titanium alloy on the speed of stretching. p. 48.
- Konovalov, E. O., Volkov, V. A. - Method of calculating the currents in an inductor and a blank during the electromagnetic forming. p. 62.
- Gorav, K. V., Tufpeneta, R. L., Vasil'eva, L. A. - Using the electroresistance method in the investigation of the high temperature recovery of the precipitation hardening of Al-Cu alloy. p. 58.
- Gorav, K. V., Sheveluk, L. A., Dudetskaya, L. R. - Graphitization of aluminum steel. p. 64.
- Gorav, K. V., Bolozerskii, L. N. - Effect of chemical composition and technology of casting on the structure, graphitization, annealing, and mechanical properties of cast iron modified by magnesium. p. 68.
- Nikiforova, D. A., and others. - High-temperature thermomechanical treatment of ShKhS steel. p. 78.
- Gorav, K. V., Bolozerskii, L. N. - Low temperature treatment of magnesium modified cast iron. p. 81.
- Voropaev, A. G., Korenchenko, E. S. - Comparative study of the effect of temperature and rate of plastic deformation on the stress of the flow and induced thermoelectromotive force of copper. p. 91.
- Chegolov, P. M., Mil'ner, F. G., Poldin, V. N. - Loss of time in the recognition of graphs. p. 97.
- Turchevskii, N. S., Furuzhlov, R. I. - Statistical determination of the optimum range of deflections of the parameters of suspension elements. p. 100.
- Chegolov, P. M., Iarusev, A. G. - Numerical analog division device. p. 104.
- Likhovich, L. S., Voroshilin, L. G., Dragitskevskaya, S. S. - Effect of the composition of electrolyte on the results of electrolytic boring. p. 109.
- Likhovich, L. S., Voroshilin, L. G., Shcherbakov, E. D. - Effect of carbon on the phase composition of a chrome-plated layer. p. 113.
- Ishen'ki, I. U. B., Furuzhlov, R. I., Turchevskii, N. S. - Synthesis of optimum cushioning. p. 116.
- Mol'nikov, S. L. - Presentation of equations of a stationary electron stream. p. 118.
- Severdenko, V. P., Rakhimov, V. D. - Rolling the blanks of triangular files of increased accuracy without seams and projecting edges. p. 122.
- Mitrofanov, B. P., Minkas, V. I. - Anisotropy of an elastic preliminary displacement. p. 126.
- AKADEMIA NAVUK BSSR. Vestst. Soriya fizika i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Physical and Technological Sciences]. Minsk, no. 2, 1968.
- Table of contents translated:
- Turchevskii, A. Kh., Korzun, I. I. - Estimate of the approximation by Lagrange interpolation polynomials with Chebyshev points for a class of functions having a derivative of a given order bounded in the mean. p. 5.
- Kunavtsov, E. M. - Minimizing the value of a linear form on a set of cycles of length n. Part I. p. 25.
- Vlasovskii, N. N. - Order of approximation of continuous functions on a finite segment using some algebraic polynomials. p. 30.
- Pollakov, I. A. - Solvable groups. p. 43.
- Shilanev, A. P. - Approximation of $X^{1/3}$ by rational functions. p. 47.
- Abrashin, V. N., Dobkov, V. V. - A multipoint difference scheme in the method of integral rotations for a hyperbolic equation. p. 57.
- Bel'skii, Z. I. - Tri-words with Chebyshev and geodesic Hesse nets. p. 60.
- Rudak, E. A. - Spectra of the lower levels of C188 and K40 nuclei. p. 76.
- Ishen'ki, A. S., Chaisov, A. V. - Effect of heating on the performance of a ruby laser. p. 80.
- Mokhanov, A. G., Korol'kov, V. S. - Problem involving the screening and annealing of a crystalline field for $4f^2$ envelopes of rare-earth ions. p. 88.
- Klunokh, B. I. U. - Formula for calculating a light flux reflected by a tetrahedral prism. p. 95.
- Strazhev, V. I., Tomil'skii, L. M. - Dual-invariant electrodynamics. p. 102.
- Barysevich, N. A., Krushinskii, K. M. - Geometrical and electronic structure of sugars. p. 109.
- Ganepolekht, V. I., Ezerskaya, T. V. - Accuracy of photometric measurements. Experimental testing of measuring accuracy using a filtering photometer in the method of direct photometry. p. 114.
- Vartak, V. M., Shol'ha, Z., Myl, I. - Diffusion of triglycine sulfate in concentrated aqueous solutions. p. 119.
- Bogdanov, A. P., and others. - Multiplicity of a 0.645 Mev. transition in a V^{52} nucleus. p. 122.
- Polina, A. S., Strazhev, V. I., Tomil'skii, L. M. - On the problem of a second charge in dual-invariant electrodynamics. p. 126.
- Zalozetskii, A. E. - Note on triangular linear groups. p. 128.
- Romanovskii, A. V. - Properties of a finite group linked with the highest prime divisor of its order. p. 132.

ATOMNAYA ENERGIA (ATOMIC ENERGY). Issued

by Akademiya nauk SSSR and Gosplanizatsionnyy komitet po ispol'zovaniyu atomnoy energii SSSR [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the U.S.S.R.]. Moscow, vol. 21, no. 6, June 1968.

Table of contents translated:

- Galkin, N. V., Destanikov, D. T., Rudneva, I. K. - Advantage of using the uranium underground leaching method under the conditions of water-encrusted stratified deposits. p. 511.
- Zubov, A. I., Kotelnikov, G. N. - Vein solid bitumens in uranium deposits. p. 514.
- Dragimov, M. Kh., Zhigov, A. V. - Method for calculating the temperature nonuniformities in fuel element bundles cooled with liquid metals. p. 520.
- Ivanovskiy, M. N., Milovanov, N. V., Subbotin, V. I. - Dependence of the heat transfer coefficient for dropwise condensation on thermal load. p. 523.
- Milshay, I. T., Khristova, M. G. - Studying the Ar⁴¹ radioactive gas concentration in the air thrown out of the chimney of reactor RT-1000. p. 530.
- Kondurov, I. A., and others. - Measurement of the cross sections of neutron capture by radioactive ⁶³Co, ⁶⁴Cu, and ⁶⁴Se nuclei. p. 533.
- Beloglazov, V. I., and others. - The 2 GeV linear electron accelerator of the Physicotechnical Institute of the Academy of Sciences of the Ukrainian S.S.R. p. 540.
- Krasovitskiy, V. B., Kuzilko, V. I., Strzhemchyn, M. A. - Theory of nonlinear interaction of a modulated beam with a plasma. p. 545.
- Kosyrev, I. V., Puchenko, E. I. - Motion of drifting particles in a minimum-B system. p. 548.
- Kondrat'ev, F. V., Shatalin, G. V. - Investigating the operation of a cesium thermionic converter with tungsten cathode. p. 553.
- Kessel'man, V. S. - Analytical equations for the calculation of ion penetration depth into a metal. p. 557.
- Leonechuk, M. P. - Calculating the transient conditions of a steam generator by means of digital computers. p. 564.
- Kozlovskiy, S. A., Kyz'lov, V. S., Smetanin, A. A. - Detection of the fast neutron stream by means of the ZnS(Ag)-Plexiglas detector and BaGe's detector. p. 564.
- Briskman, D. A., Savina, V. P. - Investigating the volume fields of absorbed neutron radiation doses in a polyethylene specimen. p. 565.
- Briskman, D. A., Savina, V. P. - Investigating the volume fields of absorbed doses of reactor γ -radiation in a polyethylene specimen. p. 566.
- Gromov, V. P., Zubov, N. F., Pozdnev, D. B. - Scattering of fast electrons by iron and aluminum barriers. p. 567.
- Moskvitin, L. N., Portinglin, V. I. - Effect of Na, K, Mg, and Ca salts on the extraction of Co and Y by di-2-ethylhexylphosphoric acid from acid solutions. p. 568.
- IU, M. K. - Corrosion of steels and nickel alloys in melts of sodium borosilicate glasses at 1000° and 1200°C. p. 570.
- Maslov, G. N., Nasyrov, F., Tashkin, N. F. - Gamma-radiation in the case of 14 MeV neutron interaction with the nuclei of B, C, N, O, F, Al atoms. p. 573.
- Mikhaltov, G. I., Starchik, L. P. - Analysis of lithium by the yield of Li⁷(α , n)¹⁰F reaction. p. 575.
- Tokhtikov, V. A., and others. - Radiative capture of fast neutrons by Sm¹²³, Sm¹²⁴, and Sm¹²⁵, Sm¹²⁶ nuclei. p. 575.
- Dzhagalapantian, R. V., and others. - Calculation of the efficiency of a sphere of β -radiation source. p. 580.
- Fedorov, O. V. - Microanalytical type of oxidation zone. p. 582.
- Kanavskiy, V. A., Stebnikov, N. V. - Contents of ¹³⁷Cs in the human body, milk, and bread. p. 583.
- Izrael', I. U. A., Tol'sanov, A. A., Shekhtin, N. N. - Modeling of radioactive fallout particles. p. 584.
- Sul'kin, A. G. - Universal gamma-flux detector "Trassa" for the radioscopy of welded pipeline bulks. p. 587.
- Kozlov, A. - Light nuclear reactor is in operation. p. 588.
- Bogolavitskiy, A. - Construction of a radiological center in Morocco. p. 589.
- Petrenko, L. - Finnish exhibition. p. 590.
- Vol. 25, no. 1, July 1968.
- Table of contents translated:
- Malykh, N. I., and others. - Investigation of a turbulent plasma by means of incoherent scattering of microwaves. p. 3.
- Egorov, A. M., and others. - Propagation of high-intensity electromagnetic waves in plasma wave guides. p. 9.
- Stumbar, F. A., and others. - Use of the pulsed neutron source method in studying the highly enriched, deep subcritical uranium-water systems. p. 13.
- Hogdanov, F. F., Utkin, O. I. - Effect of surface boiling on the accumulation intensity of gas oil decomposition products. p. 15.
- Goshchitskiy, G. M., and others. - Selection of a scatterer for the neutron beam extraction from a through-lateral channel of the reactor. p. 21.
- Silin, V. I., and others. - Investigation of the equilibrium between metallic plutonium and its ions in chloride melts. p. 26.
- al-Shamsari, I., Mohammed, Kh. - Relation between the peak temperature on the differential annealing curve and the fast neutron integrated dose for irradiated copper, copper-aluminum, and copper-silicon alloys. p. 30.
- Prasakov, V. N., Ezhov, V. K. - Physicochemical properties of fluoride mixtures of heavy metals. Part 1: Liquid-vapor phase equilibrium of uranium hexafluoride-tungsten hexafluoride system. p. 35.
- Frolov, N. G., Gavrilov, N. V. - Salting out of the extraction of acids and some radioactive elements. Part 1: Osmotic coefficient and the salting out. p. 39.
- Mendele, N. E. - Effect of isotope substitution on the viscosity of gases. p. 42.
- Alkhanov, S. G., Kichig, G. N., Konkashbaev, I. K. - Pulsed thermonuclear system with a dense plasma. p. 45.
- Klimenkov, V. B., and others. - Investigating the lamp channel coils with highly enriched fuel elements. p. 48.
- Samoylov, V. T., Lehtinacher, S. O. - Neutron field of Po-B source scattered by hydrogenous medium. p. 47.
- Papov, A. K. - Fast hydraulic drive safety system of a reactor. p. 48.
- Gorlachov, I. V., Goshchinsk, B. K. - Characteristics of spectral and angular distributions of γ -radiation in a nuclear explosion. p. 49.
- Khalkovich, I. M., and others. - Effective atomic number of infinite homogeneous media with γ -radiation sources. p. 50.
- Erykalov, A. N., Petrov, N. V. - Characteristic parameters of reactions used in physical research. p. 52.
- Fedorov, G. B., Smirnov, E. A. - Heat capacity of alloys of the uranium-zinc system. p. 54.
- Levin, S. S., Serikov, I. V. - Use of the X-ray spectral analysis in determining the isotopic composition of uranium. p. 57.
- Adamovich, V. K. - Effective neutron dose defining the radiation embrittlement of ferrite steels. p. 58.
- Ermolov, A. P., Kilmov, V. V., Lishchik, V. G. - Will effect on the distribution of RaA and RaB free atom concentration in a closed volume of air. p. 60.
- Ermolov, A. P., Kilmov, V. V., Lishchik, V. G. - Behavior of recoil atoms of radon daughter products in the air. p. 61.
- Sedin, G. Z., Trukhanov, K. A. - Connecting the pulse ionization detector in self-coincidences. p. 63.
- Prasakov, V. N., Ezhov, V. K. - Physicochemical properties of fluoride mixtures of heavy metals. Part 2: Liquid-solid phase equilibrium of uranium hexafluoride-tungsten hexafluoride system. p. 64.
- Davlov, V. V., Konstantinov, I. E., Fedorov, G. A. - Evaluating the allocation of γ -radiation from radioactive fallout by snow cover. p. 68.
- Birtukov, V. - Session of the Scientific Council of the Joint Institute for Nuclear Research. p. 68.
- Kazakov, V. A., Magilner, A. I. - Symposium on statistical methods in reactor physics. p. 71.
- Zaitseva, L. A., Matveeva, E. N., Stetlova, I. M. - New organic luminophores and their use in nuclear physics and related sciences. p. 72.
- Kutikov, V. - Radiation safety at the enterprises of the Atomic Energy Authority in Great Britain. p. 74.
- Zhukov, B. - Radiation resistance of packing materials. p. 75.

FIZIKA V SHKOLE (PHYSICS IN SCHOOLS). Organ of Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 28, no. 4, 1968.

GEOFIZICHESKIY BULLETEN' (GEOPHYSICAL BULLETIN). Issued by Mezhdunarodniy nauchnyy geofizicheskiy komitet pri Prezidiume Akademii nauk SSSR [International Geophysical Committee, Attached to the Presidium of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 18, 1968.

Table of contents translated:

- Koshchikov, I. P., Koval'kov, V. P., Polnova, A. I. A. - Mean distribution of long-wave radiation fluxes in the atmosphere of low latitudes of the Pacific. p. 3.
- Shamskiy, P. A. - Flows of strain, velocity, and temperature in glaciers. p. 9.
- Bukin, G. V. - Soviet-French ionospheric research at conjugate points. p. 22.
- Zhulin, I. A. - International Symposium on Solar and Terrestrial Physics. p. 65.
- Solov'yev, V. B., Chikanov, A. V. - International Geophysical Symposium, held at Kiev. p. 70.
- Dorman, L. I., Miroshchichko, L. I. - Cosmophysical trend in the study of cosmic rays (International Summer School). p. 81.

Danilov, A. D., Udovitch, T. A. - International Summer School for Physics of the Upper Atmosphere. p. 67.

Aleksandr Ignatovich Lebedinskiy; obituary. p. 124.

Otto Maier; obituary. p. 108.

F. A. Wendling; obituary. p. 108.

INFORMATIONNYYE MATERIALY PO GIDROMETEOROLOGICHESKOM PRIBORAM I METODAM NABLYUDENIY (INFORMATION MATERIALS ON HYDROMETEOROLOGICAL INSTRUMENTS AND OBSERVATION METHODS). Issued by Nauchno-Issledovatel'skiy institut gidrometeorologicheskogo priborostroyeniya [Scientific-Research Institute of Hydrometeorological Instrument Building]. Moscow, no. 32, 1967.

Leningrad. Glavnaia Geofizicheskaya Observatoriya. Trudy [MAIN GEOPHYSICAL OBSERVATORY, Transactions]. No. 209, 1967. Heat balance Table of contents translated:

- Berilant, T. G., Pivovarov, Z. I. - Characteristics of heat and moisture fluxes of short periods in regions of insufficient moistening. p. 3.
- Pivovarov, Z. I. - Evaluation of the total increase of shortwave radiation on building walls. p. 22.
- Mukhenberg, V. V. - Spatial structure of the field of absorbed solar radiation. p. 44.
- Zubonok, L. I. - Characteristics of moistening of the south of the Soviet Union during separate years. p. 53.
- Strokhina, L. A. - Determining change of heat storage in the oceans. p. 58.
- Dorzenkov, I. I. - Effect of local factors on incoming radiation in a mountain area. p. 70.
- Efimova, N. A. - Maps of the radiation balance of a moistened surface. p. 78.
- Tsilitsko, G. V. - Radiation balance of the vertical surface of a building. p. 84.
- Sanolin, M. G., Ogneva, T. A. - Some problems of the methodology of determining evaporation by the method of heat balance on irrigated fields. p. 101.
- Gordin, L. S. - Theory of the heat regime of buildings. p. 109.
- Adamenko, V. N. - Study of the normal annual variability of components of initiation and heat balance in mountain regions. p. 123.

MOSCOW UNIVERSITY. Vestnik. Seriya 3: Fizika astronomiya [UNIVERSITY. Review. Series 3: Physics, Astronomy]. Vol. 23, no. 2, Mar.-Apr. 1968.

Table of contents translated:

- Iovskikh, N. M., Umarkulzhazov, R. M., Hyatov, G. S. - Nuclear magnetic resonance relaxometer using the deuterium beam method. p. 3.
- Makimulov, H. M. - Measurement of absorbed radiation doses during spaceflight flights. p. 11.
- Smirnov, K. P. - Quadrupole radiation of elementary particles. p. 17.
- Makarov, K. T. - Change of anisotropy of the magnetic viscosity of single crystals of magnesium-manganese ferrites at temperatures from -100°C to the Curie point. p. 28.
- Smirnov, N. P., Shilikova, K. V., El' Samarin, S. Kh. - Classification of excited states of light-weight nuclei in a translational invariant shell model and their associated structure. p. 33.
- Naimov, A. I. - Unitary-invariant scheme of the nonlinear spinor theory. p. 41.
- Volkov, V. V., Touditskiy, K. F. - Use of the root method for the examination of errors of steady-state regime in linear automatic control systems. p. 48.
- Akimova, K. E., Smirnov, E. A. - Experimental study of the parametric amplifier of video signals with an RC modulator. p. 63.
- Zakharova, M. I., Korovin, V. V., Khalyava, N. A. - Structural changes during the breakdown of a solid solution in the Al-3% Cu-0.6% Ga alloy. p. 68.
- Loyukhin, V. M., Mikhonko, B. K. - Oscillatory device of an electron-beam parametric amplifier of fast cyclotron waves. p. 84.
- Belov, A. A. - Studying the saturation of parametric modulator-demodulator type amplifiers. p. 62.
- Udovitch, A. E., Tatal, G. Kh. - Stationary surface photocurrents. p. 70.
- Luk'yanov, L. G. - Motion in the vicinity of a large Lagrangian solutions of the restricted elliptical problem of three bodies. p. 82.
- Tatayeva, E. V., Chernikova, I. A., Iarkov, G. A. - Magnetization of single crystals of rare-earth ferrites-garnets near the Curie point. p. 87.
- Gall'sov, D. V., Pavlenko, N. G. - Effect on the synthesis on amplification of the dependence of the lifetime of levels on the parameters. p. 101.
- Medvedev, G. N., Morgunov, B. I. - Using the method of averages for the asymptotic solution of some systems of differential equations with lag. p. 117.
- Goslov, V. B., San'ko, V. A. - Single-particle states in a simple model of the quantum field theory. p. 112.
- Volkov, N. V. - Experimental determination of exchange integrals for ferrites with two kinds of magnetic ions. p. 114.
- Grigor'ov, A. M., Lisakov, N. V. - Use of the root

- Danilova, V. I., Bazyl', O. K. - Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorene, fluorenone, and some of their derivatives. Part 2: Quantum mechanical calculation of the electron structure and spectra of fluorene, fluorenone, and some of their derivatives. p. 124.
- Volkovskiy, A. V., Petrov, A. S. - Photoconductive properties of a semiconductor diode in the range of impurity absorption. p. 126.
- Budnikova, E. S., and others. - Electron paramagnetic resonance in irradiated polymers on the base of carbazole. p. 128.
- Kovalenko, G. V. - Method of identification of interrelated vibrational structure of diatomic molecules. p. 130.
- Vedernikova, E. A., Kabanov, M. V. - Anomalous excitation of a laser beam in a dispersive medium. p. 132.
- Danilova, V. I., Bazyl', O. K. - Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorene, fluorenone, and some of their derivatives. Part 3: Quantum mechanical calculation of the electron structure of the iodine derivatives of fluorene and fluorenone. p. 134.
- Shelin, P. E., Porodnov, B. T., Skakun, R. G. - Flow of the Maxwell gas between two infinite parallel planes. p. 136.
- Korzo, V. F. - Theory of the electrical strength dependence of a solid dielectric on its thickness. p. 138.
- Bazhin, A. I., Syrov, V. V., Sokolov, V. A. - Excitation of radical-recombination luminescence in some alkali-halide crystal phosphors. p. 140.
- Ruditskiy, G. M. - Dispersion sum rules for the photo-production of pions on nucleons in the case of fixing of ω . p. 142.
- Volkovskiy, A. V., Neanelova, L. I. - Calculating the transmission functions of carbon dioxide in the 10^{-2} μ region of the spectrum. p. 143.
- Nuvar'eva, V. V., Ruzanov, P. E. - Characteristics of the electroluminescence of ZnS-Cu, Al single crystals. p. 145.
- Borodin, V. Z., and others. - Semiconductor effects in BiTiO₃ single crystals. p. 147.
- Viliso, A. A., Veklin, A. P. - Breakdown in the point contact between metal and gallium arsenide. p. 149.
- Kuslayin, L. G., and others. - Measuring the voltage at the output of a toroidal resonator of one-meter range. p. 150.
- Lebedev, L. E. - Generalization of the time inversion operator in a fermion model. p. 153.
- Grigoriev, V. P., Privetentsev, A. P. - Induced synchrotron emission of electrons in a hollow cylindrical resonator. p. 154.
- Kolcov, S. N., Gelfman, G. I. - Electric strength of styrene polymers at the breakdown by standard pulses. p. 156.
- Savitskiy, A. P., Marjanova, L. S. - Reduction of copper oxide by aluminum at the sintering of the Al-CuO system. p. 157.
- Kolchuzhikina, A. I., Bushnev, I. S., Sukhovarov, V. F. - Shaping of dislocation structures during the deformation of aged X30CrNi2Ti steel. p. 158.
- TEPLOFIZIKA VYSOKIKH TEMPERATUR [THERMOPHYSICS OF HIGH TEMPERATURES]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 3, May-June 1968. Table of contents translated:
- Bikerman, L. M., Vorob'ev, V. S., Yakubov, I. T. - Nonequilibrium low-temperature plasma. p. 360.
- Smekhov, G. D., Losov, S. A. - Mechanism of the radiation of nitrogen in the nonequilibrium region behind a shock wave front. p. 381.
- Zhelezovskiy, M. B., Mstakankin, A. Kh. - Ionization relaxation behind the shock waves in the air. p. 390.
- Taran, E. N., Tvorikhobov, V. I. - Ionization and recombination in a rarefied acetylene air flame with admixtures of iodine and bismuth. p. 395.
- Ogurtsova, N. N., Podmoshenskii, I. V., Shlemina, V. M. - Balance of energy in a capillary discharge with an evaporating wall. p. 400.
- Kiselevskiy, L. I., Shimanovich, V. D., Shipil, A. K. - Temperature profile of an arc filament of small cross section. p. 406.
- Normun, G. E., Sirovskiy, A. N. - Uniqueness of the classical description of a nonequilibrium ionized plasma. p. 410.
- Gezalov, Kh. B., Ivanova, A. V. - Photoionization cross sections of lithium. p. 418.
- Somniov, A. M. - Contribution of the interaction of three atoms to the equation on state of a nonideal dissociable gas. p. 421.
- Kessol'man, P. M. - Theoretical calculation of the second virial coefficient for the interaction of free atoms. p. 427.
- Lovin, E. S., Alushina, G. D., Gol'd, P. V. - Polymers of the density and surface energy of liquid aluminum. p. 433.
- Kovalov, I. I., and others. - Experimental study of the effect of similarity on the radiation capacity of metals. p. 436.
- Ulybin, S. A. - Calculation of the viscosity of compressed nonreactive gas mixtures at high temperatures. p. 442.
- Ivazov, D. N. - Applying the Monte Carlo method in the calculation of the thermal conductivity of dielectrics with isotopic defects. p. 447.
- Shpil'man, E. E., Kravtsov, I. F. - Experimental study of the thermal conductivity of liquid rubidium. p. 451.
- Kalekotskaya, N. A. - Viscosity of liquid alkali metals of potassium, sodium, and lithium at high temperatures up to 1600°C. p. 455.
- Ibragimov, M. Kh., and others. - Spatial structure of temperature excitation in nonequilibrium turbulent liquid flow in a square channel. p. 461.
- Shlykov, I. U. P., Leongard, A. D. - Heat transfer in the turbulent flow of liquids with variable viscosity. p. 467.
- Iaroshenko, I. U. G., Sakhar, F. R. - Approximate solution of the problem of heating spherical particles with heat sources in counterflow. p. 474.
- Botkov, G. P. - Regularities of the thermal regime in solids in radiative heat transfer. p. 482.
- Zhelev, I. U. G., Potapov, I. U. F. - Effectiveness of tubular radiators of space vehicles equipped with protection against meteors. p. 487.
- Vasil'ov, A. A. - Determining the temperature field of a thermal radiator. p. 493.
- Fedorov, V. D., Egorov, V. S. - Emittance of a cylindrical cavity in the presence of temperature gradient. p. 498.
- Melamed, L. E., Oso, M. Sh. - Sublimation of a plate lying on a half-space. p. 502.
- Grechikhin, I. I. - Limits of the applicability of spectroscopic methods in determining the concentration of charged particles in a low temperature plasma and their accuracy. p. 507.
- Durakov, V. S., and others. - Determining the absorption coefficients of a plasma using a gas laser. p. 513.
- Kogan, A. V. - Characteristics of the optical systems of visual pyrometers and the accuracy of temperature measurements. p. 516.
- Novitskiy, L. A., Ergard, M. N. - New instruments for thermophysical measurements. p. 524.
- Novitskiy, L. A. - Methods and means of investigating the absorption of solar radiation by bodies. p. 529.
- Belikov, A. I., and others. - Electric arc source of a low temperature plasma. p. 537.
- Doroshchikov, V. A. - Line radiation of a carbon and fluorine plasma in the temperature range of 10,000° to 100,000°K. p. 540.
- Umanov, A. S., Bugdanova, S. S. - Integrals of the collision of modified Buckingham potential for large α . p. 543.
- Vollak, L. D., Vinogradov, I. U. K., Antol'mov, V. M. - Experimental determination of the pressure of saturated carbon steam. p. 546.
- Sorochinsky, G. L., Zharudny, I. D., Shorin, S. N. - Measuring the coefficient of thermal conductivity of vacuum powder isolation at high temperatures. p. 547.
- Petrov, V. A., Chokhovskiy, V. I., Sholudko, A. E. - Integral hemispherical emissivity and specific electrical resistance of tungsten in the temperature range of 1200° to 2900°K. p. 548.
- Dmitriyev, V. D., Kholopov, G. K. - Spectral emittance of molybdenum, tantalum, niobium, and zirconium in the infrared region of spectrum. p. 550.
- Rusin, S. P. - Effective emissivity of a cylindrical cavity with diffusive and mirror reflection. p. 552.
- Gelfman, L. N., Kopp, I. Z. - Heat transfer in the bubble boiling of mercury at thermal loads up to $3 \cdot 10^6$ W/m². p. 554.
- Prasolov, R. S. - Heat transfer by the free convection of a cylinder in a rarefied gas. p. 555.
- Pollakov, A. P. - Temperature field in a ring with a heat source and variable boundary conditions of the third order. p. 558.
- Agosov, I. U. M., Molodtsov, V. M., Rutkov, I. A. D. - Formula for the local angular coefficient of radiation from a surface element of a cylindrical cavity for a rectangle closing it. p. 561.
- Agushovich, A. Z. - Effect of thermal conductivity and radiation on the transient characteristics of contact temperature-sensing elements. p. 582.
- Morolin, V. S., Rutberg, F. G. - Emission of tungsten electrodes in plasmatrons of variable current. p. 586.
- Rovinskiy, R. E., Sobolov, A. P. - Letter to the editor. p. 589.
- Sosulov, V. K., Trekhov, E. S., Kioshev, I. U. M. - Calculating the parameters of vortex discharges. p. 571.
- Polev, V. A. - Remarks on the article "Thermal conductivity and degree of blackness of a coating of aluminum oxide at high temperatures." p. 573.
- development of atmospheric processes in the troposphere and stratosphere over the Northern Hemisphere and seasonal weather forecasting in Transcaucasia. p. 3.
- Zakharov, M. A. - Forecasting transfer of cyclones toward Transcaucasia. p. 8.
- Ivanidze, T. G. - Effectiveness of different methods for tails in eastern Georgia. p. 29.
- Sukhishvili, E. V. - Calculation of the velocity of pressure. p. 33.
- Nozadze, R. I., Tsereteli, N. V. - Characteristics of correlations between meteorological elements in Transcaucasia. p. 39.
- Nozadze, R. I., Sapitskiy, K. A., Tsereteli, N. V. - Practice in forecasting the mean temperature of the air for ten days in the Caucasus using empirical influence functions. p. 62.
- Izhashvili, A. G., and others. - Practice in forecasting pressure forecasting over the Caucasus using empirical influence functions. p. 58.
- Mikashvade, B. A. - Calculation of vertical air flow on different atmospheric levels taking into account the effect of orography. p. 67.
- No. 26(32). 1967. Meteorological regime of Transcaucasia. Table of contents translated:
- Chirakadze, G. I. - Climate of Tiflis in the 19th century. p. 3.
- Vachnadze, D. I. - Forecast of accumulation of the temperature of the air in Transcaucasia. p. 78.
- Gigineishvili, V. M. - Damage done by hail in the Kazakh-Kirgizian and Zerkatnyy zones of Asia. p. 87.
- Papnashvili, K. I. - Methodology of forecasting in the Alazan basin during the vegetation period, July-August. p. 97.
- Mepelveridze, E. I. - Introducing the method of calculated prognosis. p. 104.
- USPEKHI FIZICHESKIH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 63, no. 2, June 1968. Table of contents translated:
- Aleksandrovskiy, N. E. - New superconductors. p. 273.
- Bel'man, L. I., Val'shteyn, L. A., Shul'gin, I. A. - Bistable recombination. p. 207.
- Lolova, N. A. - Radiational model simulation of the inhomogeneous structure of a plasma in the neighborhood of the sun. p. 293.
- Rozhnitskiy, I. D. - Problem of movement and interaction in Anaxagoras' teaching. p. 339.
- Gonim, L. S., Khazanov, D. I. - Radiation in the vacuum. p. 353.
- Haldin, A. M., Kovar, A. A., Poluberg, E. I. - Methods of A. N. Markov on the 60th birthday. p. 361.
- Artemov, L. A., and others. - A. N. Markov on his 60th birthday. p. 365.
- Lalyshov, A. N. - In memory of Maria Afanasievna Lovitskaya. p. 380.
- Vrodon-Kobetskiy, T. O. - New book in physics. p. 391.
- ZHURNAL EKSPERIMENTAL'NOY I TEORETICHESKOY FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 64, no. 2, Feb. 1968. Table of contents translated:
- Gordienko, V. P., Dubovik, L. V., Rukh, I. M. - High-frequency stabilization of a plasma in a magnetic field with current in a longitudinal magnetic field. p. 345.
- Aleksandrovskiy, N. E., and others. - Studying the galvanomagnetic properties of emulsions. p. 359.
- Artov, U. A., Aliev, A. A. - Angular dependence of the energy spectra of secondary ions scattered by the surface of single crystals. p. 354.
- Drabkin, G. M., Trunov, V. A., Ruzov, V. V. - Analysis of the spectrum of polarized neutrals in a field of constant magnetic fields. p. 392.
- Voronko, I. U. K., and others. - Studying the excitation energy transfer of Er - Ho, Er - Tm in CaF₂ crystals. p. 387.
- Polikova, G. N. - Some characteristics of the transfer of rotational and vibrational energies in collisions of ions with molecules. p. 374.
- Belov, K. P., and others. - Effect of terbium dissolved in yttrium on the lattice structure of terbium-yttrium alloys. p. 394.
- Bukhtov, A. S., Kogan, V. S. - Neutron diffraction examination of hydrogen isotopes from 4.2° to 0.91° K. p. 390.
- Iakushov, V. V., Rozanov, O. K., Dromita, A. N. - Measuring the polarization relaxation time in a shock wave. p. 396.
- Danilov, L. S., Efimov, D. V., Solov'ev, S. K. - Intensities of partial radiation transitions in the ground and first excited states in the recombination of the isotopes Ga⁶⁷. p. 401.
- Parfenov, V. P., Erzhikina, A. L. - Polarization of Eu⁶³ nuclei in metallic samarium. p. 410.
- Fil', V. D., Shevchenko, O. A., Botuglyy, P. A. -
- TIFLIS ZAKAVKAZSKI NAUCHNO-ISLEDovATELSKIY GIDROMETEOROLOGICHESKIY INSTITUT, Trudy [TRANSCAUCASIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE, Transactions]. Leningrad, no. 24(30), 1967. Synoptic and numerical methods of weather forecasting. Table of contents translated:
- Papnashvili, K. I. - Some characteristics of the

- 2009

- the anticoagulation system in some forms of experimental disorders of fat metabolism. p. 26.
- Markovskaya, G. I. - Contractile function of the myocardium in experimental myocardial infarct. p. 31.
- Nozdachev, A. D. - Electric activity of cardiac sympathetic ganglion following adrenalectomy and introduction of corticosteroids. p. 35.
- Mikhailov, V. V., Asif'eva, O. G., Shvarts, I. L. - Relationship of disorders in axoplasmic transport with changes in the functional properties of single pulpy nerve fibers in teleosts. p. 40.
- Popovskaya, Z. A., Romanovskaya, M. G. - Changes in the histamine content in the blood and organs in rats in experimental pneumococcal infection. p. 43.
- Rubinov, R. S. - Role of the bile in disorders of phosphorus metabolism during mechanical jaundice. p. 45.
- Klemparskaya, N. N., Shil'dyornov, V. V. - Cytotoxic effect of splenic cells in nonirradiated and irradiated rabbits. p. 48.
- Farber, I. V., Tabakova, L. A. - Effect of the radiosensitivity of the organism on the character of functional changes in the vestibular analyzer following the effect of ionizing radiation. p. 51.
- Usacheva, N. T., Milova, G. N., Lukovskii, A. A. - Characteristics of endogenous amino acid imbalance in choline-protein insufficiency. p. 54.
- Ishchenko, V. B., Mal'ceva, V. A. - Activity of lipolytic enzymes of the tissues of some internal organs during the treatment of experimental atherosclerosis with phlepracol (FEM-3661). p. 57.
- Makimenko, S. F. - Effect of some pharmacological substances on lung receptors. p. 60.
- Pogodin, M. A. - Effect of central cholinolytics of the latent period of the flexor reflex and the cortical movement response in rabbits. p. 63.
- Popova, N. K., and others. - Effect of Iprazon on experimental myocardial infarct. p. 66.
- Sol'tsila, I. D., Mal'skii, A. I. - Effect of ACTH, corticosteroids and sex hormones on the blood coagulation system. p. 67.
- Frazinnova, I. B. - Effect of C-reactive protein on the immunological reactivity in young rabbits of different ages. p. 71.
- Martinochen, D. M., Shest'guz, V. Ia. - Virological study of embryonic cells of guinea pigs and golden hamsters infected with Hanta virus (Harr-Zilber and Schmidt-Ruppi strains). p. 73.
- Orlovskii, V. I. - Denaturation of the F-Lac⁺ factor from the cells of *Escherichia coli* K-12 by means of acridine orange. p. 76.
- Sokolova, E. V. - Some characteristics of the growth and metastases of tumors induced in the spleen. p. 79.
- Gubareva, A. V. - Effect of a single and fractional irradiation on the formation of preneoplasms and early tumorous processes in the ovaries of mice. p. 83.
- Darmova, G. N. - Activity of acid phosphatase and the phagocytic capacity in the cells of the reticuloendothelial system in mice with experimental tumors. p. 85.
- Sorinor, A. N., Shala, V. Ia., Filov, V. A. - Study of autophagocytic activity of the blood in rats with subcutaneous transplant of SSK sarcoma. p. 88.
- Khamchenovskii, E. I. - Comparative quantitative study of the antileukemic activity of hexaplophosphoride, some antileukemia preparations, and X rays. p. 90.
- Troitskii, R. A. - Extra-abdominal adhesions and tumorous growth. p. 93.
- Zamiatov, V. K. - Differences between various regeneration methods. p. 98.
- Telepneva, S. I. - Action of humoral factors regulating cell division during the first hours of liver regeneration. p. 100.
- Kraashchekov, G. P. - Dependence of the restoration of the adrenal cortex on the character of the operative intervention. p. 103.
- Zubchinskii, I. U. N., Ogutsov, R. P. - Rejection of autotransplant under conditions of sensitization of the organism by some microbial antigens. p. 107.
- Ribabina, Z. A. - Hypertrophy of hepatic cells and their nuclei in a regenerating liver in rats of different ages. p. 111.
- Khilirina, G. V. - Effect of hyaluronidase on the adhesive process in the pleural cavity under experimental conditions. p. 115.
- Blokhin, I. P. - Continuous local myotomography in man. p. 118.
- Schakin, M. A., Todorov, D. P. - Implantation of nonpolarizing electrodes for the recording of ultrashort potentials of the gastrointestinal tract in chronic experiments. p. 120.
- Popov, M. M., Vlasov, P. V., Kir'nikov, M. A. - Comparative data of studies in some motor processes of the alimentary tract by means of the isotopological method and the "window" technique. p. 122.
- DUSHANBE, GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [STATE MEDICAL INSTITUTE. Transactions], vol. 91, 1967. Problems of clinical psychiatry: collection of papers of the department of psychiatry. no. 3.
- Table of contents translated:
- Gullamov, M. G. - Psychiatric service in Tajikistan during the years of Soviet power. p. 7.
- Shernberg, E. Ia., Il'ochina, M. I. - Some variations of vascular depressions. p. 20.
- Gullamov, M. G. - Clinical and psychopathological characteristics of the psychic automatism syndrome in transient hypertensive psychoses. p. 43.
- Gullamov, M. G. - Clinical and psychopathological characteristics of the psychic automatism syndrome in atherosclerotic psychoses. p. 76.
- Rakhimov, R. Ia. - Clinical aspects and dynamics of febrile delirium in acutely originating atherosclerotic psychoses. p. 95.
- Levinson, A. Ia. - Clinical typology of psychotic states in circular schizophrenia. p. 125.
- Lakosleva, L. P. - Jealousy delirium in nuclear and periodical forms of schizophrenia. p. 164.
- Zafianov, G. L. - Psychopathology of acute Kandinskii's syndrome. p. 179.
- Dukhanov, I. U. M., and others. - Involutional psychoses in the light of data of calanometric examinations. p. 123.
- (DNLIM)
- KARDIOLOGIJA [CARDIOLOGY]. Issued by Ministerstvo zdorov'ia SSSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 8, no. 3, Mar. 1968.
- Table of contents translated:
- Nurakovskii, V. I., Mal'ov, G. A. - Radioactive isotopes in the study of the cardiovascular system. p. 3.
- Solov'ev, V. V., Zharov, E. I., Arshakun, R. O. - Examination of hemodynamics by means of the radioangiographic method in patients with mitral stenosis and mitral insufficiency. p. 13.
- Kolesov, A. P., and others. - Significance of cineangiography in the diagnosis of mitral stenosis. p. 17.
- Sokolova, E. F., Sokolov, S. S. - Differential diagnosis of defects of the interventricular septum based on electrocardiographic and phonocardiographic data. p. 23.
- Vatshbaum, I. A. S. - Examination of the functional state of the cardiopulmonary system in mitral stenosis. p. 28.
- Andreev, V. M. - Regularity of alcohol ventilation in various diseases of the heart. p. 33.
- Grigor'ian, E. A. - X-ray signs of chronic disorders of pulmonary circulation in mitral defects. p. 40.
- Kosheleva, V. S. - Intensity of erythropoiesis in cardiac insufficiency in patients with rheumatic defects of the heart; use of Cr-51 in the examination. p. 44.
- Straub, V. G. - Eufflin test for the evaluation of the pulmonary barrier in mitral stenosis; based on cardiac catheterization data. p. 49.
- Erlbaum, Z. A. - Formation of thrombi in patients with cardiac defects and the prevention of thromboses by means of nicotinic acid. p. 54.
- Volynskii, Z. M., Tsvir, E. I. - Renal and renovascular hypertension. p. 68.
- Cherakova, E. D. - Changes in the volume of the circulating blood following some influences on the kidneys. p. 63.
- Alekandrov, O. V. - Functional state of the myocardium of the left ventricle in patients with hypertension, based on electrokymographic data. p. 67.
- Fatima, M. I. - Arterial hypertension in connection with the use of salty water. p. 72.
- Dogolubov, V. M. - Study of the problems of the diagnosis and pathogenesis of atherosclerosis by means of ¹³¹I-labeled fibrinolysin. p. 76.
- Shkova, N. T. - Epidemiology of atherosclerosis. p. 79.
- Lukomskii, E. E., and others. - Clinical and experimental study of the new coagulant nitrofarin. p. 84.
- Dari, B. Ia. - Activity of glutamate oxalacetate transaminase in intercoral myocardial infarct. p. 89.
- Pozin, V. M., Sapel'kin, I. M., El'gori, I. E. - Changes in the myocardium following multiple brief disorders of the coronary circulation in chronic experiments. p. 94.
- Trushinskii, Z. K., and others. - Age-related characteristics in the clinical aspects of myocardial infarct. p. 97.
- Dabakii, E. B., and others. - Electric stimulation of the heart as a method of normalizing the cardiodynamics in tachycardia. p. 104.
- Savel'ev, V. S., Savchuk, B. D. - Artificial regulation of the cardiac rhythm. p. 111.
- Pokk, L. R. - Effect of the limbic system on the development of adrenergic and orthostatic lesions of the heart. p. 114.
- Turina, E. V., Abbakumov, S. A., Popova, T. A. - Degree of the contraction and distention of the ventricles in cardiac fibrillation and extrasystole based on electrokymographic data. p. 121.
- Vizir, A. D. - Significance of aldosterons in the pathogenesis of chronic insufficiency of blood circulation. p. 124.
- Zinger, L. L. - Hepatic rheography as a method of early detection of decompensation in the greater circulation. p. 129.
- Krylov, A. A. - Arterial hypertension in stenosis of the aortic mouth. p. 133.
- Glicksberg, E. S. - Postinfarction syndrome with paroxysmal tachycardia. p. 136.
- Gurevich, M. F. - New methodology of additional electrocardiographic examination. p. 137.
- Kubyskin, V. F., Belen'kii, A. I. - Analysis of the U wave of electrocardiograms. p. 141.
- Opaleva-Sigantseva, V. A. - Role of alcohol in the occurrence of sudden death due to acute coronary insufficiency and myocardial infarct in atherosclerosis and hypertension. p. 145.
- Hober-Bandzhurn, I. P. - Cobalt balance in atherosclerosis. p. 147.
- Perchikov, G. E., and others. - New method (blastotransformation of lymphocytes) for the detection of delayed type allergy in diseases of the cardiovascular system. p. 149.
- (DNLIM)
- Vol. 8, no. 5, May 1968.
- Table of contents translated:
- Solov'ov, G. M., and others. - Effect of glucocorticoids on some indices of metabolism and cardiovascular activity. p. 3.
- Averin, V. Kh., Danarin, A. N. - Functional morphology of early ischemic changes in the heart. p. 11.
- Stark, V. M., Nikolaeva, I. F. - Comparative study of myocardial infarction and infarct of the myocardium in animals (analogous to the blood in coronary atherosclerosis). p. 14.
- Dari, B. Ia., Gol, A. K. - Activity of serum creatine phosphokinase in cardiac ischemia. p. 20.
- Zhuravlev, G. I., Schmidt, I. O. - Circulatory lymphatic antibodies in the heart and blood in coronary insufficiency. p. 25.
- Daravov, V. A. - Effect of exercise therapy on the contractile function of the myocardium in cardiac ischemia: clinical and histocardiographic study. p. 30.
- Zil'berman, D. M., and others. - Experience in the use of a polarizing mixture in the most acute period of myocardial infarct by a specialized first aid team. p. 37.
- Pozner, I. Ia. - Combined effect of catechol amines and hydnocortisone on coronary blood flow and myocardial oxygen metabolism. p. 40.
- Solov, M. N., Kochlov, S. P. - Functional state of the adrenal glands in atherosclerosis. p. 45.
- Nikulin, I. P., Ogorina, I. U. N. - Antithrombin activity of human aortic wall. p. 49.
- Grishuk, A. I. - Plasminogen, anplasmin and fibrinolytic rate in hypertension and atherosclerosis. p. 54.
- Glezor, G. A., Spivak, L. G., Abukova, S. P. - Changes in renal hemodynamics in different forms of hypertension. p. 58.
- Meshaikin, K. N., and others. - Characteristics of the anatomical and functional compensation of aortic stenosis in the typical place; collateral and adaptation of the myocardium in prolonged hypertension. p. 65.
- Darakhina, I. A., and others. - Comparison of electrocardiographic and anatomical data in some congenital cardiac defects of the "blue type." p. 74.
- Kaevskii, I. M. - Differential curves of the carotid and jugular pulses in healthy persons and in some cardiac defects. p. 81.
- Ionkov, I., Doskov, I. - On the problem "Pulmonary emphysema and the heart." p. 88.
- Nakol'skii, V. V. - Effect of intrathoracic pressure on the inflow of venous blood to the heart in obstructive pulmonary emphysema. p. 93.
- Tornova, T. I., and others. - Some data on the role of serotonin and acetylcholine in the pathogenesis of cardiac arrhythmias in children. p. 99.
- Turina, E. V. - Temporary indices of cardiac contraction in extrasystoles and paroxysmal extrasystoles. p. 103.
- Spivakova, V. G., Syrkina, A. I. - Electroimpulse therapy in aortic fibrillation in diffuse toxic goiter. p. 108.
- Rukosnikov, V. S. - Comparative immunomorphological study of contractile proteins of the cardiac and skeletal musculature. p. 112.
- Polosova, A. V. - Biosynthesis of the proteins of the subcellular structures of the myocardium in its prolonged compensatory hypertrophy. p. 117.
- Kulagina, V. I. - Changes in vascular reactivity under the effect of ormin. p. 123.
- Orlov, V. N., Kuznetsova, V. P. - Determination of the dimensions of the heart and its basal volume by means of electrokymography. p. 127.
- Khodas, M. Ia., and others. - Characteristics of oximetry in hemodialysis. p. 136.
- Ofoks, S. P. - Cross circulation and experimental myocardial infarct. p. 141.
- Kolchina, E. I., Danovskii, L. V., Trofanovskaya, V. N. - Electrocardiographic symptoms of overstrain of the left ventricle in mitral defects with prevalence of stenosis. p. 143.
- Borlova, T. P., and others. - Cardiac pathy in Friedreich's ataxia. p. 143.
- Molozov, V. S. - Cardiac changes in systemic lupus erythematosus. p. 145.
- (DNLIM)

PERM. GUSUDARSTVENNYI MEDITSINSKII INSTITUT.
Trudy STATE MEDICAL INSTITUTE. Transactions,
No. 5, 1963. Motovisceral and visceromotor reflexes.

- Table of contents translated:
Mogendovich, M. R. - Correlation of motovisceral and visceromotor reflexes, p. 7.
Arshavskii, I. A. - "Energy rule of the skeletal muscles" as a factor of the formation and transformation of the activity of the cardiovascular and respiratory systems in ontogeny, p. 19.
Kiplan, P. M., Turubiner, N. M. - Proprioceptors and endocrine glands, p. 25.
Sapoz, I. A. - Proprioceptive influences on the cardiovascular system and the "time" reflex, p. 39.
Surnev, B. K. - Specific reflex variability of body functions. Specific functional components of true orientation and motor reflexes, p. 49.
Surnev, B. K. - Specific reflex variability of body functions. Specific functional components of the afferent reflex and its stabilizing manifestation, p. 59.
Kaplun, S. I. A., Kopteva, E. G. - Characteristics of the electrocardiogram in disorders of cardiac blood supply depending on the position the animal body, p. 69.
Mogendovich, M. R., Bel'tickov, V. I. - Motovisceral reflexes as factors of functional tests, p. 77.
Shefer, D. G., Grinkevich, O. V. - Combination of motor and visceral disorders in the diencephalic syndrome of cerebral tumors, p. 89.
Kirichinskii, A. R. - Role and significance of motovisceral reflexes in physiotherapy, p. 95.
Birlukova, Z. I. - Physiology of the motor defense conditioned reflexes in man, p. 101.
Fomarev, A. M. - Visceral component of optokinetic reactions in the newborn infant, p. 107.
Kokhanskii, V. V. - Seasonal variability of motovisceral reflexes, p. 111.
Crawaeva, G. Z. - Materials for the problem of age-related characteristics of the orthostatic test and "negative phase" of the pulse, p. 117.
Dukhovichnyi, S. M. - Analysis of age-related characteristics of the changes in blood circulation during the orthostatic test, p. 125.
Shtolovskii, S. E. - Significance of the "negative phase" of the pulse during functional tests in persons engaged in physical culture, p. 131.
Markin, A. G. - Electric conductivity of the skin in cutaneous galvanic reflex induced by muscular stress, p. 137.
Datskovskii, B. M. - Effect of muscular stresses on the skin temperature, p. 145.
Datskovskii, B. M. - Study of skin temperature changes in the orthostatic test and their mechanism, p. 151.
Urtitskii, E. G. - Dynamics of the skin temperature in orthostatic test, p. 157.
Rukhovich, V. A. - Temperature of the concha auricularis as an index of vascular reactions to some muscular stimulations, p. 161.
Kruglyi, M. M. - Characteristics of thermoregulating reflex in sportmen, p. 166.
Gel'man, K. L. - Changes in the oscillographic indices in sportmen under the effect of active and passive head-down position, p. 176.
Gubman, L. D. - Suprasegmental reflex correlation of the motor sphere and cardiovascular system, p. 183.
Kazakov, M. B. - Materials of radiotelemetric studies of the cardiac activity in weight lifters, p. 189.
Volkov, V. N., Skrebnev, V. G., Sichevskii, A. I. - Correlation of the tone of skeletal musculature with arterial pressure and pulse under the effect of physical load lasting two hours, p. 197.
Harkhov, V. A. - Temperature of the skin of the concha auricularis during excitation of the vestibular apparatus and muscular tension, p. 203.
Kazakov, M. B. - Algotic thyrocardial syndrome in the sport medicine practice, p. 215.
Polianichko, A. F. - Effect of muscular activity and hypokinesia on the cardiovascular system, p. 221.
Plotkin, V. I. - Decrease of arterial pressure related to physical work; a review, p. 231.
Temkin, I. B. - Interrelation of motor chronaxy with arterial pressure in hypertension, p. 241.
Temkin, I. B. - Contractile capacity of the myocardium in hypertension and the aftereffects of physical exercise, p. 245.
Baranov, V. S. - Experience in the early use of exercise therapy in hospital treatment of patients having recovered from myocardial infarct, p. 251.
Vozillo, A. A. - Role of proportioned walking in the restoration of some vegetative functions in patients with silestosis, p. 259.
Klebanov, V. M. - Materials on skin thermometry during orthostatic tests in gravidas under normal conditions and in toxemia, p. 265.
Skheshchub, R. G. - Orthostatic test in parturients under normal conditions and in hypotension, p. 269.
Krol', N. G., Rozenshtein, B. S. - Effect of habitual dislocation of the shoulder on the blood supply of the arm, p. 277.
Chernousova, L. N. - Peripheral blood circulation and motor chronaxy in patients with paralytic kyphoscoliosis, p. 281.

- Krol', N. G. - Characteristics of the muscular tension in double atelosis, p. 289.
Chernousova, L. N. - Pathomorphological changes of the vascular vessels in atelosis and spastic paralysis, p. 295.
Reme, T. F., Kavalev, A. S. - Motorcardiac correlations in Kozhevnikov's hyperkinetic epilepsy syndrome; clinical and physiological observation, p. 301.
Nesherov, I. N., Plaforskaya, M. D. - Relation of motor and vasomotor disorders in lesions of subcortical ganglia, p. 309.
Shulov, A. A. - Cerebellum and the function of muscular tension; a review, p. 317.
Staritsyn, A. S. - Interaction of the locomotor and visceral systems in schizophrenia; theoretical substantiation of the problem, p. 325.
Staritsyn, A. S. - Clinicophysiological data on the interaction of the locomotor and visceral systems in schizophrenia, p. 337.
Smeyshlauer, E. B. - Functional correlation of the locomotor and visceral systems in epileptics; a review, p. 347.
Gluzman, E. B., Kazakevich, R. L. - Capillaroscopy in patients with hypochondriac states during controlled muscular load, p. 359.
Propastin, G. N., Pollov, V. I., Tatarshekhov, A. N. - Effect of a transect stress of the hands on the motor function of the stomach under normal conditions and in hypotonic state; X-ray study, p. 363.
Propastin, G. N., Pollov, V. I. - Effect of therapeutic gymnastics on the evacuation function of the stomach in some diseases of the gastrointestinal tract, p. 369.
Chernousova, L. N. - Interrelations between the intensity of involuntary contractions of the skeletal muscles and the state of the smooth musculature of digestive organs in atelosis, p. 377.
Dobrychev, E. A. - Muscular strength and tolerance to isometric stress in patients with eczema, p. 381.
Tolmashkova, E. S. - Role of the higher portions of the brain in the formation of visceromotor reflexes, p. 391.
Dykman, L. M. - Effect of some pharmacological substances on the cerebral electrogram and the visceromotor reflex during interoceptive stimulation, p. 399.
Iudashkevskii, S. E., Kitchinskii, N. B. - Changes in the excitability of spinal flexion centers in microintervals following stimulation of the stomach, p. 407.
Il'mina, V. P. - Reflex influences from the stomach on the skeletal musculature in visual stimulation, p. 417.
Serogegla, I. M., Farlov, V. S. - Effect of respiration on movement, p. 425.
Okhianskaya, L. G. - Reflex changes in the tone of the human skeletal muscles in conformity with the respiratory rhythm, p. 431.
Gavushov, V. V. - Some data on the possibility of using "full breathing" for the purpose of active rest, p. 437.
Irolman, M. K. - Visceromotor and motovisceral reflexes in the clinical aspects of degenerative diseases of lumbar intervertebral disks, p. 441.
Petrov, B. G. - Neurological symptoms of cholecystitis; visceromotor mechanisms, p. 449.
Rozenshtein, V. V., and others. - Computer attachment for complex cardiological examination on a single-channel electrocardiograph, p. 459.
Gavetskii, I. U. I. - Electronic integrator for physiological studies, p. 463.
Dolotova, M. F., Gavetskii, I. U. I. - Use of integrator in the study of summary bioelectric activity of the heart, p. 469.
Kokosov, A. N., Shulake, G. A. - Experience in the quantitative measuring of ballistic cardiac impulses using the integrator, p. 475.
Kolychev, V. P. - Use of the RPA-1 artificial respiration apparatus in laboratory studies, p. 481.

No. 69, 1967. Problems of the hygiene of public dining establishments and sanitary food control.

- Table of contents translated:
Kirillov, V. G. - Public eating establishments under present conditions, p. 5.
Ivanov, I. A., Orlova, L. I., Zhilitsyn, N. S. - Development of public eating establishments in Perm, p. 10.
Zhilitsyn, N. S. - Experience in the organization of sanitary measures in the public eating establishments of the Perm City Restaurant Trust, p. 16.
Zhilitsyn, N. S., Vizul', M. P. - Use of simplest instrumental control methods in the presence of sanitary food supervision, p. 26.
Koshchev, A. K., Lebedeva, E. K., Vizul', M. P. - Pocket laboratory kit for the sanitary station of a public eating establishment, p. 31.
Koshchev, A. K., and others. - Some organizational measures for the improvement of the sanitary state of public eating establishments, p. 34.
Bogomolov, M. P., Dashkova, V. P. - Organization of measures to control helminth carrier states among the workers of public eating establishments, p. 39.

- Bogomolov, M. P. - Growth rate of diphtheria pathogens in planned examinations of groups under observation, p. 43.
Nazarovich, V. A. - Biological evaluation of hydrogenated cotton fat for the production of food concentrates, p. 46.
Mukhin, A. P., Ralskaya, T. A. - Content of some mineral substances in food rations in cardiovascular diseases, p. 51.
Novikov, G. V., Rolman, A. R. - Some characteristics of spermatographic determination of trace elements in food products of vegetable origin, p. 62.
Vatsman, I. A. L. - Role of the alimentary factor in the goller endemism in Berezovskii of Perm Province, p. 64.
Vatsman, I. A. L., and others. - Role of the Kama Reservoir in the distribution of diphyllobothriasis, p. 72.
Koshchev, A. K., Bogomolov, M. P. - Use of laboratory control methods in the examination of food objects; design of a methodological letter, p. 81.
Koshchev, A. K., Varankina, G. I. - Organization of therapeutic and prophylactic nutrition for workers in the confectionery industry, p. 97.
Vizul', M. P., Ganchev, L. V. - Materials on the study of potential possibility of the distribution gastrointestinal diseases through the hands of the workers in public dining establishments, p. 102, (DNLM)

PROBLEMY ENDOCRINOLOGII [PROBLEMS OF ENDOCRINOLOGY]. Issued by Ministerstvo Zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 14, no. 3, May-June 1968.

- Table of contents translated:
Klischko, V. R., Pereglyum, A. A., Greiner, E. A. - Oradial treatment of diabetes mellitus, p. 3.
Shifman, L. M., Sitsenko, K. P. - Clinical effectiveness of the sugar-reducing preparation oradial in diabetes mellitus, p. 7.
Sil'nikskii, P. A. - Dynamics of lipid and lipoprotein indices of the blood serum in diabetes mellitus during treatment with chloropropamide and butamide, p. 9.
Mordkovskaya, N. M. - Dynamics of the glycaemic picture during the combined treatment of diabetes mellitus with insulin and sulfonylureides, p. 14.
Dzhelezskaya, I. A. - Blood insulin activity in acromegaly, p. 18.
Sokol, A. E. - Compensatory mechanisms of hemodynamics and the contractile capacity of the myocardium in Addison's disease, p. 20.
Golubeva, I. V., Lemenova, Z. L., Rozovskii, I. S. - Pregnancy and labor in congenital adrenogenital syndrome, p. 24.
Savitskiy, L. S., Kazeev, K. N. - Clinical evaluation of electrocardiographic signs of coronary insufficiency in pheochromocytoma, p. 27.
Alexeev, L. G. - Functional state of the pancreas in hypogonadism, p. 33.
Kukharukina, E. P. - Method of scanning the thyroid gland in thyrotoxicosis, p. 37.
Sidorov, K. A. - Immunopathological changes in eulthyroid goiter, p. 41.
Udov, V. M., Duzhakov, A. I. - Changes in the concentration of blood serum sialic acids in patients with endemic goiter before and after operation, p. 45.
Dulrova, S. A., Sel'vorova, N. B., Zaitseva, V. B. - Malignant tumor of the adrenal cortex in a male patient with increased catecholamine and glyco-corticoid activity, p. 48.
Smadich, V. D., Gritskii, I. A., Kozak, O. I. - Goiter of the radix linguae, p. 49.
Shtalskaya, T. S. - Effect of ACTH on steroid formation in the adrenal glands of rat embryos during experiments in vitro, p. 51.
Rudnik, M. G. - Morphological foundations of angiography in pathologically changed adrenal glands, p. 54.
Makel'mov, S. V., Laskavina, A. I. - Concentration of 17-hydroxycorticosteroids in the blood plasma and the content of ascorbic acid in the adrenal glands in guinea pigs following the introduction of manganese chloride, p. 59.
Lakubovskaya, V. I., Rykovskaya, I. A. - Effect of ACTH on cholesterol metabolism and the blood protein picture, p. 64.
Kuznetsova, I. V. - Content of cholesterol and its esters in the adrenal glands of human fetuses, p. 69.
Mazurkevich, G. S. - One of the possible mechanisms of increasing ACTH content in the blood in traumatic shock, p. 73.
Bazova, G. G., Gindman, L. M. - Concentration of the hypothalamic factor stimulating the secretion of luteinizing hormone by the hypophysis, p. 78.
Mikhalevich, L. S. - Changes in plasminogen and sodium content in rabbit plasma and erythrocytes under the effect of glucocorticoids, p. 83.
Dmitrieva, O. K. - Comparative study of the sensitivity of the luteinizing function of the hypophysis in intact and castrated female rats to estradiol, p. 85.

- Kolli, E. A., Popov, A. P. - Distribution of labeled thyroxine in some endocrine glands in rats. p. 90.
- Storov, K. A. - Autoconduction (phenolol of auto-immunological growth stimulation) in neoplasms and some other diseases of the thyroid gland. p. 94.
- Golovach, A. P. - Serotonin metabolism in functional disorders of the thyroid gland. p. 97.
- Medvedeva, G. I. - Changes in the heat exchange in rabbits with experimental hypothyroidism during the initial periods of adaptation to moderately low external temperature. p. 100.
- Volozhin, A. I., Lemelskaya, T. I. - Changes in the osseous tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone. p. 105.
- Barov, A. N., Emel'yanov, N. A. - Effect of corticosteroid hormones on coronal metabolism; a review of the literature. p. 108.
- Morozov, I. V. - Symposium "Steroid hormones." p. 110.
- Baranov, V. G., Gol'ber, L. M., Iekishvili, V. P. - Present-day problems of diabetes mellitus at the 8th International Diabetological Congress, July 30-August 4, 1967, Stockholm. p. 118.
- Volkovich, A. A., Zenzurov, V. S. - At the Eight Conference on Age-Related Morphology and Biochemistry. p. 122.
- NEPERATIVNYI zhurnal: MEDITSINSKAYA GEOGRAFIYA (Otdel'nyi vypusk 36) [JOURNAL OF ANTHROPOLOGICAL MEDICAL GEOGRAPHY (Separate issue 36)]. Issued by Institut naukov Informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 7, July 1968.
- SEMPALATINSK. MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE. Transactions]. Vol. 4, 1969. Table of contents translated:
- Gaidukov, G. E. - Social principles at the present stage of party work. p. 4.
- Chernakova, R. I. - Activity of the party organizations of Kazakhstan in the development and improvement of public education as a basis for advancing the cultural and technological level of the working class. p. 23.
- Germankuk, I. A. - Strengthening of the endocrine as an important problem of national economy. p. 47.
- Khatralov, I. Z. - Accumulation and consumption in collective farms. p. 58.
- Tapashinov, P. P., Tusupov, S. T. - Activity of party organizations of Kazakhstan to increase the role of rural intelligentsia in the propagation of agrozootechnical knowledge among rural settlers; 1953-1958. p. 70.
- Arslankina, N. I. - Relation of the lumbar portion of the marginal sympathetic trunk with the lumbar plexus in man. p. 77.
- Morozova, T. I. - Innervation sources of human trachea and main bronchi during the period of intrauterine development. p. 85.
- Potomkina, Z. A. - Development of the nervous apparatus of cerebral dura mater in human fetuses. p. 93.
- Dzhumabaev, Ch. D. - Intracranial veins of human tibial nerves. p. 99.
- Vlasova, K. K. - Dependence of the nutritional sources of the muscles of the human hand from the characteristics of the arterial arches. p. 104.
- Glimova, V. A. - Morphological functional shifts in the adrenal glands, thyroid gland and liver under the effect of hypothermia. p. 107.
- Predobranskii, S. A., Glimova, V. A., Deglarov, I. U. N. - Determination of the functional activity of the thyroid gland in animals by means of radiometry in comparison with data of morphological studies. p. 114.
- Nazarova, T. A. - Initial mechanisms of shock reactions. p. 121.
- Shalimardinov, K. - Some data of electroencephalographic of the prophylactic effect of dimedrol in hemorrhotransfusion shock. p. 128.
- Narmukhambetov, A. N. - Significance of the functional state of the adrenal cortex in the pathogenesis of experimental postoperative shock. p. 132.
- Sharipov, S. Sh. - Functional state of the physiological system of connective tissue in the dynamics of potentiated general anesthesia. p. 142.
- Sharipov, S. Sh. - Effect of ether anesthesia combined with aminazine and dimedrol on the functional state of the physiological system of connective tissue. p. 145.
- Orelbaev, K. O., Grebeneva, L. S. - Pathomorphological changes in laboratory animals following multiple subcutaneous introduction of nitroprusside and streptococcal nitrates. p. 149.
- Dolgova, Z. I. A., and others. - Changes in carbohydrate and fat metabolism related to the predominance of acid alkaline elements in food rations. p. 158.
- Konovolov, A. M., and others. - Chemical composition of well water of Semipalatinsk and some lakes of Semipalatinsk Province. p. 161.
- Makulova, G. M. - Some data for the sanitary evaluation of the soil in Semipalatinsk. Preliminary report. p. 167.
- Kadykov, V. P., Ryzhkov, G. A. - Sanitary and hygienic evaluation of health - endangering workshops of the liquor and vodka combine in Semipalatinsk with respect to the study of the effect of alcohol vapors on human health. p. 171.
- Allimov, A. Z., Ryzhkov, G. A. - Physical development of students of vocational and technical schools in Semipalatinsk. p. 179.
- Ryzhkov, G. A., Allimov, A. Z., Starkova, M. T. - Physical development of students of technical schools in Semipalatinsk. p. 183.
- Ryzhkov, G. A., Akbulova, G. M. - Materials for the sanitary and hygienic characteristics of working conditions for the workers of the Semipalatinsk Cement Plant. Report No. 1. p. 188.
- Koshkin, V. I., Naghin, V. I. - Analysis of traumatism and the organization of traumatological aid based on materials of the surgical section of the 3d Semipalatinsk City Hospital. p. 192.
- Rusanov, V. P. - Reanimation in surgical practice. p. 198.
- Rusanov, V. P. - Materials for the treatment of lesions of the chest. p. 202.
- Kidralov, S. K. - Analysis of stab and cut injuries based on data of the Semipalatinsk Province Bureau of Forensic Medicine. p. 207.
- Potlurkina, N. E. - Peculiarities of the jaws. p. 212.
- Khabizhanov, B. Kh., Alzenberg, E. M. - Materials for comparative evaluation of conservative and surgical treatment of fractures of the femoral neck. p. 217.
- Kidralov, S. K. - Rare complication in burns. p. 221.
- Kokh, A. A. - Methodology of the determination of flatfoot. p. 224.
- Koshkin, V. I. - Surgical treatment of osteoarticular tuberculosis. p. 232.
- Koshkin, V. I. - Evaluation of late effects of compound treatment of osteoarticular tuberculosis in children by means of intravenous administration of antitubercles. p. 243.
- Abdusametov, R. Kh. - Some experimental data on the action of gastric juice on infected wounds. p. 249.
- Khabizhanov, B. - Repair of defects of the tubular bones using preserved osseous heterotransplants under experimental conditions. p. 254.
- Potlurkina, N. E. - Outcome of the treatment of epulis. p. 259.
- Baryshnikov, A. I. - Measuring of the external orifice of the inguinal canal in human cadavers by means of the diacycloelectric method. p. 262.
- Baryshnikov, A. I. - Modification of V. A. Oppel's operation. p. 265.
- Telkov, N. A., Kakenova, P. I., Nazina, A. I. - Acute gastroduodenal hemorrhages and the closing of the duodenal stump in penetrating ulcers. p. 271.
- Telkov, N. A. - Intestinal sutures and some problems of surgery on the stomach. p. 279.
- Tashchlov, I. U. S. - Vesticulography in the diagnosis of cancer of the prostate gland. p. 283.
- Arslanov, M. D. - Endarteritis obliterans, etiology, clinical aspects, treatment. p. 291.
- Shushkovskii, I. I. - Irreversible lesions of intervertebral cartilages disks. p. 299.
- Arslanov, M. D. - Characteristics of endemic goiter foci in Chirchik, Iles-Karagay and Akay Districts of Semipalatinsk Province. p. 313.
- Kozhagarov, A. A. - Preservation of an approximately 8-month pregnancy following multiple fractures of the pelvic bones. p. 321.
- Arslanov, A. A. - Materials for the clinical aspects and treatment of pregnancy toxemias. p. 323.
- Arslanov, A. A. - Materials for the evaluation of the antitoxic function of the liver in vomiting the early toxemias in gravidas. p. 328.
- Tokareva, O. G. - Analysis of sudden death occurring at home in Semipalatinsk, based on materials of the Province Bureau of Forensic Medicine. p. 332.
- Tashchlov, I. U. S., Baburba, V. M., Postorov, A. A. - Methods of adenomectomy of the prostate gland. p. 336.
- Rogova, N. A., Stanova, L. N. - Dacryocystorhinostomy based on materials of the Semipalatinsk Eye Clinic accumulated during 10 years. p. 339.
- Pil'ger, I. I. - Characteristics of the course of acute suppurative pneumonia. p. 344.
- Pil'ger, I. I. - Examination methodology in some forms of interlobar pleuritis. p. 350.
- Val'dinov, M. D. - Methodology of X-ray examination in duodenal diverticula. p. 353.
- Sobolev, V. A. - Effect of meteorological factors on arterial pressure and reflex excitability of the vegetative nervous system in hypertension. p. 367.
- Sobolev, V. A. - Effect of meteorological factors of the indices of the electrocardiogram in hypertension. p. 369.
- Lashchikov, M. V., Firsov, G. I., Pishechagina, L. A. - Blood serum protein fractions in rheumatism and hypertension. p. 377.
- Chernova, G. M., Pishechagina, L. A., Grebeneva, L. S. - Effect of vitamin B₁₂ on the content of cholesterol, lipoproteins and protein fractions of the blood serum in atherosclerosis. p. 383.
- Pishechagina, L. A., Chernova, G. M. - Changes in some indices of the lipid metabolism in hypertension. p. 389.
- Markelova, N. M. - Indices of the peripheral blood in rheumatism under the conditions of Semipalatinsk. p. 392.
- Abdusametov, R. Kh., Vashechenkova, A. P. - Antimicrobial properties of various gastric juices. p. 399.
- Abdusametov, R. Kh. - Effect of industrial gastric juice on the state of the peripheral blood. p. 403.
- Voinavaig, P. M. - Semiological significance of blood serum proteins in rheumatism and some other internal diseases. p. 410.
- Neavolov, N. G. - Exocrine function of the pancreas in chronic gastritis. p. 415.
- Neavolov, N. G. - Changes in leucocytes and their possible causes in chronic colitis. p. 421.
- Dalkubekova, D. M. - Comparative evaluation of the effectiveness of various treatment methods in rickets. p. 429.
- Kogan, M. B., Balkubekova, D. M. - Some problems of the prevention of rickets in children in Semipalatinsk. p. 437.
- Vysotskii, G. I. A. - Clinical aspects of chronic lesions of the sympathetic trunk. p. 442.
- Gedev, F. I. - Some factors contributing to the origin of quinacrine psychoses. p. 448.
- Koznolov, A. I. - Effect of hypnotic suggestions on thermoregulating reflexes. p. 450.
- Sorgoav, S. I. A. - Oxymetric evaluation of the effect of hyperthermal baths at the Daryk-Arasan Health Resort in patients with chronic dermatoses. p. 459.
- Volniz, R. Z., Shapiro, M. I. - Clinical characteristics of dysentery in young children. p. 465.
- Uranovskii, L. M. - Clinical aspects of pharyngeal diptheria in adults. p. 470.
- Uranovskii, L. M. - Characteristics of diptheria of a "rare localization." p. 477.
- Kol'shain, L. V. - Effect of high concentrations of 9, 10-dimethyl-1, 2-benzanthracene in the tissues of lizards. p. 482.
- Pogorailov, I. U. V. - Physiological repairing regeneration of specific elements in the ovaries of dogs. p. 492.
- Dolgov, E. G. - Tissue reactions on radiation effects and their changes under the influence of export-mental therapy. p. 601.
- (DNI.NI)
- SOVETSKOE ZDRAVOOKHRANENIE KIRGIZII [SOVIET HEALTH SERVICE OF KIRGIZIA]. Issued by Ministerstvo zdravookhraneniia Kirgizskoi SSR [Ministry of Health of the Kirgiz S.S.R.], Frunze, no. 3, May-June 1968.
- VORONIZH. MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE. Transactions]. Vol. 40, 1962. Problems of cardiology. Table of contents translated:
- Kartashov, G. G. - Chronic sepsis in patients with congenital cardiac defects. p. 3.
- Kartashov, G. G. - Some problems of the clinical aspects and treatment of sepsis. p. 5.
- Nikola, A. V. - Combination of lesions of the tricuspid valve and sclerotic of the pulmonary artery in rheumatic heart disease. p. 10.
- Khoroshev, V. F. - Integral cardiac vector in healthy persons; based on vectorcardiographic data. p. 14.
- Khoroshev, V. F. - Vectorcardiographic data in diffuse lesions of the myocardium. p. 18.
- Vetlov, I. I. - Vectorcardiogram in anemia and polycythemia. p. 23.
- Tumanovskii, I. U. M. - Phonocardiography in the diagnosis of rheumatic heart defects. p. 31.
- Furmonko, G. I., Mikhlin, V. F., Khoroshev, V. F. - Phonocardiographic data in diffuse lesions of the myocardium. p. 35.
- Garmash, V. I. A. - Significance of electrokymographic and roentgenokymographic methods in the study of the contractile capacity of the heart muscle in patients recovered from myocardial infarct. p. 38.
- Garmash, V. I. A. - Significance of the electrokymographic method in the diagnosis of acute coronary insufficiency. p. 40.
- Nikola, A. V. - Study of precordial pulsations in mitral stenosis and their clinical significance. p. 42.
- Lazarev, L. A. - Changes in the kinetocardiogram in mitral defects. p. 46.
- Zolotarev, A. I. - Functional state of medium diameter arteries. p. 50.
- Skuridina, N. I., and others. - Diagnostic significance of the determination of the distribution rate of the pulse wave. p. 54.
- Borodulin, I. U. D. - Distribution of the skin temperature of the anterolateral surface of the chest in healthy persons. p. 57.
- Borodulin, I. U. D. - Significance of electrothermometry of the precordial area in the diagnosis of coronary insufficiency. p. 60.

- Cherskikh, N. P., Kochetova, A. S., Bondarenko, T. N. - Significance of the determination of hypothermia in cardiac pains. p. 68.
- Bellava, R. A. - Gas exchange in acquired cardiac defects. p. 69.
- Bellava, R. A. - Changes in the saturation of arterial blood with oxygen in patients with pulmonary and cardiac diseases. p. 73.
- Mariyeva, P. G. - Protein and its fractions in the blood serum of patients with latent rheumatism. p. 78.
- Mirlyanova, P. G. - Blood serum proteinogram in acute rheumatism. p. 81.
- Tyrtyshtnikov, I. M. - Aldolase activity in myocardial infarct and stenocardia. p. 84.
- Tyrtyshtnikov, I. M. - Residual and polypeptide nitrogen in the blood of patients with myocardial infarct and stenocardia. p. 87.
- Tyrtyshtnikov, I. M. - Blood cholesterol fractions in coronary insufficiency. p. 89.
- Zaluzhnev, L. P., Fuki, V. B. - Action mechanism of some blood anticoagulants. Report No. 1. p. 91.
- Zaluzhnev, L. P., Zavrzhnev, V. I., Fuki, V. B. - Action mechanism of some blood anticoagulants. Report No. 2. p. 95.
- Fuki, V. B. - Experimental study of naphthalenediol as a new anticoagulant. p. 98.
- Zaluzhnev, L. P., and others. - Chemical structure and antithrombotic activity of oxidation products of phenylthio and its nitrogen derivatives. p. 102.
- Lilshits, V. M. - Methodology of chemospectroscopic determination of trace elements in human blood. p. 107.
- Lilshits, V. M. - Spectrographic determination of trace elements in human blood. p. 110.
- Rukhlina, A. V., Dublina, N. A. - Comparative evaluation of the diuretic effect of novuril, furosemide and hydrochloride. p. 114.
- Skuridina, N. I. - Prescription of hexonium in hypertension. p. 121.
- Vurnetina, L. M. - Treatment of stenocardia with erlenin. p. 128.
- Sirota, A. D. - Experimentally substantiated treatment of atherosclerosis with group "B" vitamin and testosterone propionate. p. 131.
- Georgievskaya, G. L., Svislichova, M. T., Mesnikova, E. P. - Experience in compound dispensary service for patients with rheumatism under the conditions of hospital-polyclinical combination of a clinical hospital. p. 135.
- Azarova, Z. S., Kollum, T. M. - Radioactive phosphorus treatment of erythremia. p. 141.
- Birukova, I. V. - Intrathoracic introduction of vitamin B₁₂ in Addison-Birmer disease. p. 144.
- Birukova, I. V. - Characteristics of erythrocyte sedimentation reaction and protein fractions of the blood in Addison-Birmer disease. p. 147.
- Lanetskaia, L. S., Stolyarskaya, L. N. - Functional state of the thyroid gland in rheumatic carditis. p. 150.
- Lanetskaia, L. S., Belingazova, V. N. - Comparative evaluation of radioactive iodine treatment in thyrotoxicosis. p. 153.
- Lanetskaia, L. S. - Effect of pituitrin on conditioned and unconditioned hydrous reflexes. p. 158.
- Vellov, F. I. - Case of proliferating adenoma with metastases. p. 161.
- Azarova, Z. S., Pavlavskaya, A. P. - Lymphogranulomatosis with transformation into lymphocytic leukaemia. p. 166.
- Ismail, A. G. - Acupuncture in bronchial asthma under conditions of a polyclinic. p. 170.
- Fuki, V. B. - Indices of the blood coagulation system in patients with various therapeutic diseases. p. 174.
- Skuridina, N. I. - Vector cardiographic data on spatial P vector under normal conditions. p. 177.
- ONLMI
- Vol. 58, 1967. Some problems of cardiology. Trace elements.
- Table of contents translated:
- Bala, I. U. M., Khoroshev, V. F. - Use of quantitative vectorcardiography for the evaluation of the functional state of the myocardium. p. 5.
- Bala, I. U. M., Gusov, A. I. - Significance of the dimensions of the solid angles Q_R, RS, QS in hypertension and atherosclerosis. p. 9.
- Gusov, A. I. - Quantitative evaluation of the middle vectors Q, R, S and T in hypertension. p. 12.
- Khoroshev, V. F., Skuridina, N. I. - Evaluation of the electric activity of the myocardium in patients with "cor pulmonale" and atherosclerosis based on vector cardiographic data: preliminary report. p. 17.
- Skuridina, N. I., Khoroshev, V. F. - Use of quantitative vectorcardiography method in the evaluation of the process of repolarization of the myocardium in patients with "cor pulmonale". p. 21.
- Skuridina, N. I. - Quantitative evaluation of the middle moment vectors R and P₃ in slowly developing rheumatic carditis. p. 24.
- Skuridina, N. I. - Changes in the T vector in rheumatic carditis. p. 27.
- cardiogram. p. 30.
- Dublina, M. A. - Comparative evaluation of the amplitude of the third tone in mitral defects and myocarditis. p. 32.
- Kochetov, A. M., Kagan, R. I. - Changes in the phonocardiogram in early stages following the onset of rheumatic carditis. p. 38.
- Dublina, M. A. - Changes in the fourth tone in rheumatic lesions of the heart. p. 40.
- Bellava, R. A. - Rate of blood flow in rheumatism. p. 43.
- Rukhlina, A. V., and others. - Antirecurrence treatment of rheumatism. p. 47.
- Kochetov, A. M., Egorova, I. A. - Exercise therapy in compound dispensary service for patients with myocardial infarct and cardiac aneurysm. p. 52.
- Birukova, I. V., Nemykh, V. N. - Protein fractions of the blood serum and urine in hypertension and chronic nephritis. p. 55.
- Bellava, R. A. - Determination of the indices of pulmonary gas exchange and hemodynamics in physical stress. p. 58.
- Bala, I. U. M., Polunin, I. I., Anisimova, I. G. - Mathematical processing of dinocardiogram (DKG-1) under normal conditions and in some diseases of the cardiovascular system: preliminary report. p. 63.
- Polunin, I. I. - Distribution of trace elements between the membranes of the aorta. p. 73.
- Aksenov, G. I. - Content of trace elements in the organs of practically healthy persons. p. 78.
- Furmanov, G. I. - Trace elements in the blood in atherosclerosis. p. 78.
- Polunin, I. I. - Content of trace elements in human organs in atherosclerosis. p. 83.
- Furmanov, G. I. - Trace elements in the blood of patients with myocarditis. p. 86.
- Rubova, V. V. - Content of some trace elements in the blood of dogs with experimental myocardial ischemia. p. 90.
- Rubova, V. V. - Trace elements of the heart muscle in experimental acute myocardial ischemia. p. 94.
- Kluchnik, E. M., Zaporozhskii, V. M. - Content of some trace elements in the urine of patients with atherosclerosis and their influence on the excretion complex CaNa₂ Trilon B. p. 98.
- Stepanova, N. M., Zaporozhskii, V. M. - Content of some trace elements in acute disorders of cerebral blood circulation. p. 101.
- Birukova, I. V. - Effect of molybdenum on homopolysis in white rats with experimental anemia. p. 104.
- Aksenov, G. I. - Content of some trace elements in the blood of patients with rheumatism and insufficiency of blood circulation. p. 107.
- Galeshkin, I. P., Chaitov, V. G. - Content of trace elements in the blood of patients with nonspecific ulcerous colitis. p. 112.
- Chaitov, V. G. - Dynamics of the trace element level in the blood in infectious hepatitis. p. 116.
- Koplov, L. M. - Effect of vanadium pentoxide on the growth of Mycobacterium tuberculosis cultures. p. 120.
- Gavrilenko, M. F., Kats, R. I. A., Livshits, V. M. - Spectrographic determination of lead in the urine. p. 123.
- Nemykh, V. N. - Blood serum amino acids in the urine of healthy persons. p. 128.
- Nemykh, V. N. - Amino acids of the blood serum and urine in epidemic hepatitis. p. 131.
- Koplov, L. M. - Content of trace elements in pulmonary tissue of practically healthy persons. p. 135.
- VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministry of Zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, no. 5, May 1968.
- Table of contents translated:
- Kavelskii, R. E., and others. - Prospects for the use of lasers in medicine. p. 1.
- Pozmogov, A. I. - Using television in X-ray diagnosis. p. 8.
- Varivoda, I. M. - Treatment of patients with various manifestations of the postcholecystectomy state at the Morshin Health Resort. p. 9.
- Oleynik, S. F., Panchulishvili, M. V. - Carcinolytic and "carcinogenic" intestinal colitis. p. 13.
- Slyshko, V. N., and others. - So-called cholestatic and cholangiolitic hepatitis. p. 17.
- Kushnir, V. E. - Histamine concentration in the blood and histaminergic effect of blood serum in peptic ulcer. p. 20.
- Borovskaya, H. D., Bernberg, E. A. - Formonolative activity of the liver in chronic diseases of the biliary tract and liver. p. 24.
- Grebneva, L. S., Enfol'berg-Black, V. R. - Mechanism of action of therapeutic mud on gastrointestinal absorption. p. 28.
- Prikhodko, E. I. - Early detection of and dispensary service for diabetics in industrial enterprises. p. 30.
- Zolinskii, D. A. - Multiple metastases of primary cancer of the liver to subcutaneous tissue and internal organs. p. 33.
- Fata, G. A., Haglova, V. V. - Lesions of the lungs in rheumatism. p. 35.
- Mikhnev, A. L., Lazhik, G. Kh. - Arzpeylyin treatment of bronchial asthma. p. 42.
- Leshchinskii, L. A., and others. - Experience in clinical use of the Soviet alcohol preparation sclerodol. p. 47.
- Protashuk, H. G. - Diagnosis of residual pleural cavities. p. 50.
- Matkaja, I. P., Skhironko, E. N. - Reaction of specific lesions of neutrophils in infectious focal pneumonia. p. 54.
- Pavlov, V. K. - Clinical aspects of systemic lupus erythematosus. p. 58.
- Chern'ko, M. P. - Effect of surgical treatment of toxic goiter on the cholesterol level. p. 61.
- Sakharov, I. I. - Thyrocytoplasts in basic forms of thyroid gland pathology. p. 63.
- Hollakaja, G. A., Tyrlig, I. A. - Combining of the coagulation and fibrinolytic systems of the blood in chronic diffuse glomerulonephritis. p. 67.
- Kluchnik, A. G., Tsybalyuk, V. P. - Experience in laparoscopic treatment of stenocardia. p. 70.
- Purimov, V. P. - Contractile function of the myocardium in ventricular hypertrophy in rheumatic heart disease. p. 73.
- Polunin, I. I., Nikonova, O. S., Stepanova, E. A. - Thrombotic and nonthrombotic softening of the region of the middle cerebral artery. p. 78.
- Tlazhnikov, A. M. - Clinicoanatomical data in thrombosis of the basilar artery. p. 81.
- Donbo, A. M. - Psychotherapy in impotence. p. 83.
- Gritchenko, I. I., Gritchenko, M. P. - Experience in the treatment of climacteric neurasthenia. p. 87.
- Doroshuk, A. I. - Condition of the nerve axons depending on ligature materials in combined injury of nerve trunks. p. 90.
- Rashap, H. I. A., Dzhigurova, T. R. - Studying reactivity of the organism in late sequelae of closed cranio-cerebral trauma. p. 92.
- Priotevskii, I. I., Ivanenko, I. N. - Effect of the degree of skin pigmentation on the functional state of the horny layer of the epidermis in psoriasis. p. 95.
- Pantoleva, T. M. - Medical expertise of the capacity for work in lumbar pain. p. 97.
- Korikov, M. L. - Effect of methyltestosterone on the function of sex glands. p. 100.
- Erekhova, M. A. - Barbitals in coal miners and ways of preventing them. p. 103.
- Stankovich, K. I., and others. - Data on hygienic situation of some polymer materials used in housing. p. 105.
- Moskalev, S. A. - Effect of electric welding arcs on nitrogen metabolism in tissues. p. 107.
- Vorzhikovskaya, A. A., and others. - Studies in the therapeutic effectiveness of lipole acid in children's diseases. p. 112.
- Zabolotnyi, L. S. - Clinical significance of determining C-reactive protein in acute infectious. p. 115.
- Lukachi, I. G. - Synergic action of miltirubin on Phthal. p. 117.
- Dnechova, I. M. - Recurrent jammed following infectious hepatitis. p. 121.
- Ruchkovskii, D. S., Guel'torap, L. N. - On the 50th anniversary of the Kiev Society for Control of Malignant Neoplasms. p. 124.
- Znovilskii, I. O. - Organization of fluorography service in an agricultural district. p. 125.
- Fylychuk, P. I. - Significance of hygiene of the oral cavity and teeth in peptic ulcer and chronic gastritis. p. 128.
- Gerglov, T. R., Shvets, A. P., Kozhushko, L. N. - Gastrointestinal diseases in diseases of the digestive tract. p. 129.
- Silchenko, K. I. A., Sirov, I. U. I. - Clinical aspects of pancreatitis following cholecystectomy. p. 131.
- Ph'kovskii, V. I. - Combined method of repeated diagnostic colonizations. p. 133.
- Kamlovskaya, N. A. - Two observations of the so-called primary myeloblastosis. p. 134.
- Onishchuk, V. F., Shkral, B. P. - Pheochromocytoma simulating the malignant course of hypertension. p. 135.
- Fosenko, I. P. - Fostinophilic pneumonia. p. 137.
- Korotki, V. N. - Two phases in the growth of peritoneal lymphoma. p. 139.
- Laskavaya, F. P. - Technique of calculating indices of sphygmographic studies. p. 140.
- Spevitsov, O. G., Shonkerman, I. L. - Aggravated reaction in pulmonary tuberculosis. p. 142.
- Vorob'ov, M. F. - Chemotherapy in pulmonary tuberculosis with accompanying gastric and duodenal ulcer. p. 143.
- Glokhovskii, T. T., Litubovich, V. I. - Contact activity of the blood in coronary disease. p. 145.
- Lashuk, P. M., Makstov, V. I., Levits, I. N. - Differential diagnosis of ovarian cysts and ascites. p. 147.
- Georgii Iosifovich Burchinskii, on his 60th birthday. p. 149.
- Vladimir Stepanovich Nostrov, on his 30th birthday. p. 150.
- Bilich, G. I. - Conference dedicated to the life of pyridine and parino derivatives in gastroenterology. p. 155.

- ALTI]. Issued by Ministerstvo zdorov'ya SSSR [Ministry of Health of the USSR]. Moscow, nos. 7-8, July-Aug. 1968.
- ORGANIZATSIYA ZDOROV'YA BELORUSSKOY SSSR [HEALTH SERVICE BELARUS]. Organ of Ministerstva zdorov'ya SSSR [Ministry of Health of the USSR]. Minsk, vol. 14, nos. 7-8, July-Aug. 1968.
- ORGANIZATSIYA ZDOROV'YA KAZAKHSTANSKOY SSSR [HEALTH SERVICE KAZAKHISTAN]. Organ of Ministerstva zdorov'ya SSSR [Ministry of Health of the USSR]. Alma-Ata, vol. 28, nos. 7-8, July-Aug. 1968.
- ORGANIZATSIYA ZDOROV'YA TURKMENISTANSKOY SSSR [HEALTH SERVICE TURKMENISTAN]. Organ of Ministerstva zdorov'ya SSSR [Ministry of Health of the USSR]. Ashkhabad, vol. 12, nos. 4-5, May 1968.
- GYNCOLOGY, OBSTETRICS & PEDIATRICS
- GYNCOLOGY. Published by Ministerstvo zdorov'ya SSSR [Ministry of Health of the USSR]. Moscow, vol. 47, no. 6, June 1968.
- NEUROLOGY & PSYCHIATRY
- OSUDARSTVENNYI NAUCHNO-ISLEDOPESIKHOE NEVROLOGICHESKII INSTITUT, F. PSYCHONEUROLOGICAL SCIENTIFIC INSTITUTE. [Transactions]. Vol. 33, 1964. (Psychoneurology.)
- Table of contents translated:
- A. - Participation of various parts of the brain in the process of delirium tremens. p. 39.
- B. - Correlation between manic-depressive psychosis and the Klenko-Chelting syndrome. p. 40.
- C. - Role of the "vascular link" in the development of late age depressions. p. 41.
- D. - Arterial oscillography. p. 42.
- E. - Hysterical manifestations in the picture of involutional psychosis. p. 43.
- F. - Delirious states in acute seizures of the liver. p. 44.
- G. - Functional state of the liver in the manifestations of dementia at a late stage. p. 45.
- H. - Effectiveness of treating arthropathies with salicylates following prefrontal leucotomy. p. 46.
- I. - Changes in the higher nervous activity in schizophrenia in the dynamics of compensation. p. 47.
- J. - Study of the higher nervous activity in combined treatment with psychotherapy and pharmacotherapy. p. 48.
- K. - Photoerythemic skin reaction in schizophrenia and psychosis in the organic lesion of the brain during the process of treatment. p. 49.
- L. - Clinical aspects and pathogenesis of schizophrenia in relation with chronic suppurative processes. p. 50.
- M. - Characteristics of photoerythemic reaction in manic-depressive states and its dynamics during treatment. p. 51.
- N. - Work regimen of chronic mental disorders during the process of ambulatory occupation. p. 52.
- O. - Effect of bromide and caffeine on the nervous system in patients with neuroses. p. 53.
- P. - Dynamics of motor and autonomic reactions in neurotic states during the process of treatment. p. 54.
- Q. - Electroencephalic study of cortical activity in the combination of neurotic and degenerative disorders of the brain. p. 55.
- R. - Characteristics of vascular reactivity in patients with hypertension. p. 56.
- S. - Data on the use of the "projective" method for the study of neuroses. p. 57.
- T. - Effect of amphetamine on blood pressure in patients with hypertension. p. 58.
- U. - Effect of cranio-cerebral trauma on the development of alcoholism. p. 59.
- V. - Experimental analysis of developing alcoholism. p. 60.
- W. - Clinical aspects of alcoholic anorexia. p. 61.
- X. - Clinical and experimentally-
- Psychological study of chronic alcoholism at a late stage. p. 287.
- Gromov, S. A. - Changes in thiamine content and metabolism in different forms of epilepsy. p. 287.
- Dembchenko, T. D. - Characteristics of the course of epilepsy in young and elderly persons in relation with therapeutic and prophylactic problems. p. 308.
- Sunchev, O. Kh. - Characteristics of psychomotor reactivity in epileptics. p. 323.
- Rubakov, V. P. - Vitamin B₆ metabolism in epileptics. p. 341.
- Kruglova, L. I. - Dynamics and socially occupational prognosis of "special" forms of epilepsy (interictal, postictal, cardiac, endocrine-toxic and pertaining to burns). p. 353.
- Rubikova, R. S. - Effect of occupational activity on the mental characteristics of epileptics. p. 367.
- Veden'eva, R. A. - Effect of convulsive seizures on the cortical regulation of unconditioned vascular reflexes. p. 387.
- Malukh, G. N. - Significance of compound study of the blood pressure for the detection of residual cerebral hypertension and hypotension. p. 405.
- Metodiev, A. A. - State and dynamics of the tone of the vascular system in arterio-sclerotic changes during the treatment with sulfite baths. p. 415.
- Mikhailov, A. D. - Effect of acupuncture on the dynamics of motor disorders in vascular diseases of the brain. p. 425.
- Kogan, D. S. - Disorders of cardiac activity in syringomyelia. p. 437.
- Doroshina-Rukhova, V. I. - Photoerythemic skin reaction and its dynamics in diseases of the thymus-sacral portion of the nervous system following acupuncture. p. 443.
- Korotkevich, M. S. - Differential diagnosis of diseases of the main cerebral vessels. p. 451.
- Ushakov, T. D. - Combination of microsurgical plastic surgery and dural drainage in the treatment of myelocystic and hydrocephalus. p. 461.
- Ephraim, L. I. - Authenticity of angiographic data in the study of vessels of the extremities. p. 466.
- Lisovskaya, R. A. - Multiple lesion of the skeleton by vascular tumor. p. 483.
- Gusakov, V. N. - Tomography of cerebral bones in tumors of the posterior cerebral fossa. p. 493.
- Nikol'skaya, S. I. - Methodology of obtaining induced experimental tumors of the bones in rabbits. p. 503.
- Matushkina, L. V. - Dynamics of the fibrinolytic activity of the blood during the reproduction of experimental arteriosclerosis in rabbits. p. 513.
- Oztrakala, E. V. - Materials for submicroscopical organization of the reticular formation under normal conditions and under some pathological influences. p. 523.
- Iakovlev, A. E. - Portable device for controlled introduction of stimulation by cold. p. 549.
- Tait, I. A. - Etiology of epidermoids of the vertebral canal following tuberculous meningitis treated with endolumbar introduction of streptomycin. p. 557.
- ZHURNAL NEVROLOGI I PSIKHIIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoyuznoe nauchnoe nevrologicheskoe i psikhicheskoe obshchestvo [All-Union Society of Neurologists and Psychiatrists]. Moscow, vol. 83, no. 2, 1968.
- Vol. 88, no. 2, 1968.
- Table of contents translated:
- Dosenko, S. N. - Special form of spinal muscular atrophy. p. 191.
- Likhtenshteyn, V. A., Satov, M. D., Bakhman, E. I. - So-called familial acro-osteolysis with lesions of the nervous system. p. 194.
- Volynskaya, S. V., Kandel', E. I., El'ner, A. M. - Disorders of carbohydrate metabolism in determining muscular (keton) dysmetabolism and its dynamics following stereotaxic operations. p. 170.
- Edel'shteyn, E. A. - Modern treatment of progressive muscular dystrophies in children. p. 173.
- Zinchenko, A. P., Buzinovskii, I. S. - Clinical aspects, diagnosis, etiology, and treatment of familial forms of atrophic myotonia. p. 177.
- H'ma, N. A., Volnova, M. Kh., Shirotsberg, G. L. - Determination of aldosterone in paroxysmal myoplegia. p. 183.
- Lolko, E. A. - Changes in the content of some trace elements (copper, zinc, manganese, and molybdenum) in the blood serum and urine in hepatic cerebral dystrophy. p. 188.
- Stolnitsyn, B. G., Ioffe, I. U. A., Guseva, L. L. - Combination of Minkerson-Rosenthal syndrome with syringomyelia accompanied by lipomatosis. p. 193.
- Levin, G. Z. - Insults in uterine twins occurring simultaneously in different cases. p. 195.
- Rivchina, Zh. A. - Periodical spasm. p. 198.
- Dubikatis, I. U. V., Dubikatis, V. V. - The spiko-wave complex. p. 201.
- Berdichevskii, M. I. A., Zubarev, F. G., Rabl'el', L. T. - Evaluation of the pressure level of the cerebrospinal fluid. p. 207.
- Shternberg, E. I. A. - Possibilities and criteria of differentiation of senile psychoses. p. 213.
- Shukharov, N. F. - Clinical and statistical study of senile psychoses. p. 220.
- Kuznetsov, V. N. - Study of sulfur and sulfhydryl compounds of the blood in patients with senile psychoses. p. 227.
- Wukhova, L. A. - Distribution and clinical characteristics of phenylpyruvic oligophrenia. p. 232.
- Rassikh, V. V., Medvedev, A. V. - Sex chromatin in blood leucocytes in Down and Turner syndromes. p. 237.
- H'eskit, I. U. A. - Stability of immunological indices in mental patients. p. 243.
- Smelevich, A. B., and others. - General and elective action of psycholeptics in the treatment of alcoholism. p. 246.
- Barshilov, F. E. - Therapeutic pathomorphosis in terminal states of schizophrenia. p. 250.
- Lugovskii, B. K. - Kulenkampff-Tarnew syndrome, problems of its pathogenesis and treatment. p. 258.
- Rukhovich, I. U. E., Kataranova, I. V. - Teaching of psychiatry in institutions of higher education. p. 262.
- Zaitsev, S. G. - Quantitative evaluation of psychopathological phenomena in present-day psychopharmacology: a review of the literature. p. 270.
- Arushanov, E. B. - Mechanisms of active creation of a convulsive process: a review of the literature. p. 279.
- Akhmet, E. A. - Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library in October-November 1967. p. 300.
- Vil'shinskaya, M. L. - Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines defended during 1967 and received at the State Central Scientific Medical Library during the 3d quarter of 1967. p. 302.
- Makovskii, T. A. - Cerebral vascular diseases. p. 305.
- Shevchuk, I. D., Kozlov, A. P. - Conference on the problems "Clinical aspects and treatment of epilepsy." p. 308.
- Samuil Grigor'evich Zhalin; obituary. p. 315.
- Kamil Benner; obituary. p. 316.
- ZHURNAL VYSSHEI NERVOI ORIENTSII [JOURNAL ON HIGHER NERVOUS ACTIVITY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the USSR]. Moscow, vol. 18, no. 3, May-June 1968.
- Table of contents translated:
- Kostanov, E. A. - Effect of nonrecognized "emotional" verbal stimuli. p. 371.
- Zaidman, N. N. - Significance of the quality of the stimulus in the formation of conditioned reactions in normal states and in pathology. p. 381.
- Andreeva, V. N., Baitov, A., Kralin, I. U. G. - Characteristics of successive inhibitions based on electrophysiological data. p. 388.
- Samoilova, I. K., Zaitsev, K. A. - Recognition of complex acoustic stimuli of different probability structure. p. 394.
- Vladimirova, E. A. - Participation of proteins in cerebral metabolism in experimental neurosis. p. 398.
- Gregory Nazran. - Classical and instrumental conditioned reflexes. p. 407.
- Virovskii, L. G., and others. - Association between photic and acoustic stimuli at the level of a single neuron of the visual cortex in rabbits. p. 413.
- Iakovlev, M. I. - Effect of ultrahigh frequency magnetic fields on the conditioned reflex regulation of the cardiac activity and respiration. p. 418.
- Gennov, U. G. - Conditioned reflex changes in evoked potentials in the cortical projection of nonconditioned motor reaction. p. 425.
- Askhazil, A. A., Pauperova, G. P. - A specific following reaction in sports. p. 433.
- Dinnik, V. L. - Types and nature of interhemispheric correlations; based on experiments with spreading depression. p. 441.
- Khasanov, G. A., Kurnov, G. A. - Functional connections of the nuclei of the striopallidal system in monkeys. p. 448.
- Bogoslovskii, M. M. - Characteristics of evoked responses to direct electric stimulation of the cortex isolated from subcortical neural influences. p. 458.
- Dmitrieva, N. V., Kuleshov, E. V., Ordzhonikidze, E. K. - Changes in the impedance and bioelectrical activity of the cerebral cortex in rats under the effect of narcotics. p. 483.
- Storozhuk, V. M. - Neuron activity of the primary projection zone of the somatosensory cortex during primary response. p. 460.
- Voronts, I. L. - Effect of surface polarization on the intracellular neuron activity of the motor cortex in alert rabbits. p. 478.
- Tinkov, M. I. - Correlation of evoked slow and impaled activity of the neurons at different levels of the visual cortex in rabbits. p. 488.

- Gordeeva, N. P., Il'ianok, V. A. - Effect of prolonged activity of vestibular and optokinetic stimuli on the reaction of adopting the rhythm of photic flashing in the brain in rabbits. p. 494.
- Mezina, N. I., Vorob'eva, A. D. - Differences in the configuration of evoked responses of the sensorimotor cortex in cats. p. 500.
- Kuman, E. A., Skrebittskii, V. G. - Interaction of visual and auditory afferentation in the corpus geniculatum laterale in rabbits. p. 507.
- Koz'man, E. I. - Correlations in the activity time of antagonistic muscles in man following disruption of an established experimental stereotype. p. 514.
- Kurshev, V. A. - Emotional reactions in slammering according to plethysmographic data. p. 517.
- Lubchinskii, E. B. - Electrographic expression of trace conditioned reflexes developed to respond to the stimulation of the nonspecific thalamus. p. 519.
- Foinicheva, E. E. - Special case of focal inert excitation in a dog. p. 522.
- Mesman, V. F. - Changes in the summary electric activity and primary response to light following stimulation of the vestibular apparatus in cats. p. 525.
- Kalinin, P. I., Sokolova, A. A. - Effect of the stimulation of the reticular formation of the mesencephalon on the neuron activity of the motor zone of the cortex in rabbits. p. 528.
- Vasil'ev, A. G. - Comparative characteristics of the electric activity of the posterior corpus bigenitum in bats following changes in the duration of an ultrasound stimulus. p. 532.
- Chirkov, V. D. - Neuron activity of an isolated cortical area in response to direct stimulation with electric current. p. 536.
- Georgieva, N. B. - Disorders in auditory spatial analysis in dogs following unilateral decortication. p. 539.
- Dmitriyev, L. I., Leonov, V. A. - Electrophysiological graph. p. 542.
- Krasnogorskii, N. N., Snoboleva, V. M. - Methodology of obtaining and recording saliva from the submaxillary salivary glands in man. p. 545.
- d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY**
- OPHTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 14, no. 4, 1968. (DNLM)
- e. PATHOLOGY & THERAPEUTICS**
- VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 14, no. 4, 1968.
- Table of contents translated:
- Gulyastak, A. I., Shchinskaya, Z. A. - Significance of sex chromatin in the hormone therapy of breast tumors. p. 3.
- Migmanova, N. Sh. - Spontaneous disappearance of hemangiomas of the external tegmina in children. p. 8.
- Olovannikov, I. A., Chornomykh, A. A. - Clinical and morphological characteristics of tumors of the vagus nerve. p. 15.
- Utkin, V. V., Balina, N. - Diagnosis and treatment of benign tumors and cysts of the esophagus. p. 21.
- Egorov, D. I. - Palliative treatment of diffuse forms of cancer of the abdominal organs by introducing vitamins with glucose into the umbilical vein. p. 24.
- Voinin, A. G., Kolygin, B. A. - Pneumography and pneumotomography in the diagnosis of tumors of the soft tissues of the extremities. p. 28.
- Rozenshteyn, L. S., and others. - X-ray diagnosis of abdominal mediastinal lipomas. p. 34.
- Poroshin, K. K., Galil-Ogly, G. A. - Angiomas composed of capillary germine (germinangiomae). p. 39.
- Shirokhan, A. I., Popova, A. A. - Visceral polyphectomy in the diagnosis of cancer of the uterus and its adnexa. p. 42.
- Danova, L. A., Shala, V. I. A. - Changes in the protein composition of the blood in cancer of the corpus and cervix uteri. p. 47.
- Ivanova, S. B., Milonko, T. A. - Detection of tumor cells in the peripheral blood. p. 52.
- Kozhova, E. P. - Sensitization of the body to a carcinogenic substance. p. 57.
- Sval-Moldavskii, G. I. A., and others. - Virus associated with a tumor and causing skin heterogenesis. p. 60.
- Spisa, A. I., Arkhipenko, V. I. - Effect of thyroid hormone on tumor cells in tissue culture. p. 65.
- Dukina, Z. P., Poliak, N. R. - Vitamin B₁₂ in chemotherapy of experimental tumors. p. 70.
- Zalut, D. G. - Use of products of the vital activity of the microorganism for obtaining antitumor vaccine. p. 75.
- Aleksandrov, S. N., Galkovskaya, K. F. - Effect of autotransplantation of bone marrow on the span of life having survived acute radiation sickness. p. 79.
- Corolova, N. D., Cherepanova, A. I. - Possibility of accumulation in the tissues in rabbits and pigs of carcinogenic hydrocarbons introduced with fodder. p. 83.
- Leibovich, I. A. - Late distal metastases of breast cancer. p. 87.
- Shuster, L. A., Kozlitsa, V. A. - Some current tasks and methods of cancer control propaganda. p. 91.
- Dvorakovskaya, I. V. - "Mixed" tumor of the nasal cavity. p. 95.
- Mol'nikov, D. N., Shapiro, M. I. A. - Neurofibroma of the recurrent nerve. p. 98.
- Belonov, V. P. - Neurofibroma of the duodenum. p. 98.
- Vvedenskii, I. U. A. - Teratoid tumor of the rectum. p. 100.
- Mikholaev, A. I., Berley, G. A., Pigarov, I. U. G. - Wilms' tumor in a newborn infant. p. 100.
- Iogannson, M. G. - Labeling of cells of rat lymphosarcoma with vital stains. p. 102.
- Mamchicko, N. S. - Results of the treatment of gastric cancer in a rural district. p. 105.
- Radtschenko, A. A., Mikhailov, V. D. - Capillary resistance in patients with cancer of the cervix uteri. p. 108.
- Aslerman, S. M. - Neoplasma caused by the use of torulal. p. 107.
- Serebryy, A. I., Glashov, I. U. G. - Scientific conference "Radiation and the body." p. 116.
- Chuklin, A. V., Napalkov, N. P., Kosiolanta, B. L. - International scientific relations of Soviet oncologists. p. 120. (DNLM)
- Vol. 14, no. 7, 1968.
- Table of contents translated:
- Nugmanov, S. N. - Development of oncology in the Kazakh S.S.R. p. 3.
- Tikhonov, K. B., Strazhdina, A. I., Oshelov, A. A. - Central Scientific Research Radiobiological Institute of the Ministry of Public Health of the U.S.S.R. in the development of Soviet oncology. p. 15.
- Sokolov, L. K. - Onstroscopy in cancer of the proximal portion of the stomach. p. 21.
- Kaluzhskii, V. P. - Stale acids in the gastric juice of patients with cancer and other diseases of the stomach. p. 25.
- Moring, L. G., Iakovleva, M. P., Androova, A. Kh. - Blood groups in patients with malignant tumors. p. 28.
- Mikhailov, V. G., Ganova, L. I., Alieva, T. M. - Transplantation of bone marrow in compound treatment of malignant tumors of the ovaries. p. 32.
- Korotkova, V. S. - Nature of specific human antigens. p. 35.
- Radzikovskaya, R. M. - Detection of agglutinating antibodies in the blood sera of men following the resection of a tumor. p. 40.
- Radtsits, E. A., Mal'tsova, L. F., Brazhnikova, I. D. - Effect of sorbitol on the respiration and glycolysis of tumoral tissue. p. 48.
- Solovskaya, E. A. - Distribution of benzidine in the organs of rats and its effect on the peripheral blood. p. 51.
- Dzhioev, F. K., Asadov, D. A. - Local and resorptive effect of 12-dimethylbenz-o-anthracene on mice of the CC57BR line. p. 53.
- Razlikan, K. A., Akimov, A. A. - Antitumorogenic effect of nagnosium. p. 57.
- Shashkova, N. P. - Clinical aspects and treatment of liposarcomas of the lower extremities. p. 62.
- Marmorshteyn, S. I. A., Vol'skaya, V. M., Lipovitch, M. M. - X-ray diagnosis of primary multiple cancer of the stomach. p. 64.
- Baisoglov, G. D., Noglikova, L. T. - Yritlasine treatment of generalized lymphogranulomatosis in 3d and 4th stage. p. 69.
- Fuierian, E. S., Shubin, B. M. - Treatment of malignant tumors of the hepatopancreatoduodenal zone. p. 72.
- Pozinukhov, L. G., Stetsanskii, L. L. - Complications following puncture biopsy of a sarcoma of a bone; a single case. p. 78.
- Egorov, D. I. - Extirpation of the esophagus for cancer complicated by perforation. p. 79.
- Chornomykh, A. A., Stoltzov, V. I., Markovchev, A. B. - Malignized carcinoma of the rectum growing into the uterus; a single case. p. 81.
- Leonov, V. I. A. - Cancer of the vermiform process associated with appendicitis; a single case. p. 83.
- Iakovskaya, N. L. - Cancer of the cervix uteri in a 12-year-old girl. p. 84.
- Dil'man, V. M., and others. - Study of the properties and composition of Lithospermum officinale. Prospects of its use in oncology. p. 86.
- Vormel', A. E., and others. - Total irradiation in the treatment of tumors. p. 92.
- Sokolova, E. L., Lifshits, N. A. - Course of pulmonary tuberculosis following surgical interventions for cancer. p. 102.
- Loskutova, G. P. - Estrogen therapy in compound treatment of malignant ovarian tumors. p. 103.
- Brinkman, A. V. - Thrombocyte formula in cancer. p. 104.
- Avdeeva, O. I. - Primary cancer of fallopian tubes. p. 105.
- Mukhamadshin, R. A., Shneider, M. A., Zelenaki, V. P. - Morphological and histochemical changes in experimental erythroblastosis in hens. p. 109. (DNLM)
- f. PHARMACY & MATERIA MEDICA**
- KHIMIKO-FARMATSEVTICHESKII ZHURNAL [CHEMICAL AND PHARMACEUTICAL JOURNAL].** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 1, no. 12, Dec. 1967.
- Table of contents translated:
- Egorov, A. G. - Leningrad Chemical and Pharmaceutical Institute during the years of Soviet power. p. 3.
- Petlinin, P. A., Razuvaeva, V. P., Petlinin, G. P. - Amides and hydrazides of oxalic acid. Report No. 16. Basic amides of alkoxyoxalic acids. p. 7.
- Murav'eva, K. M., and others. - Synthesis and laboratory activity of derivatives of 4-oxo-2-pyridyl-2-mercaptoacetic acid. p. 12.
- Trubnikov, V. I., and others. - Studies in the field of pyridinecarboxylic acids. Report No. 2. Gas-liquid chromatography of carboxylic acids of the pyridine series and their amides. p. 14.
- Adamovich, A. I., and others. - Some changes in the synthesis of octadecane. p. 18.
- Bagal, V. M., and others. - Synthesis and pharmacological study of acyl derivatives of imidazole. p. 21.
- Iurkevich, A. M., Veranikina, S. G., Preobrazhenskii, N. A. - Study of the hydrolytic resistance of pyrazole acid. p. 20.
- Kondrat'ova, A. P., Bruns, B. P. - Resistance of penicillins in aqueous solutions. Report No. 1. Oxidation and phenoxymethylpenicillin. p. 30.
- Plekhan, M. I., Babich, P. A. - Determination of penicillinase activity in crystalline insulin. p. 37.
- Golzman, M. S., Chornovskaya, A. A. - Determination of paratoluensulfonic acid and sulfuric acid in a mixture. p. 40.
- Kaganovskaya, M. I., and others. - Obtaining of chemically pure pharmacopoeial aminocaproic acid. p. 42.
- Smirnova, K. M., and others. - Study of bactericidal fiber for sterilization of the air. p. 44.
- Ermakov, E. P., Rumyantsev, V. L. - Preservation of mycelium, a waste product in penicillin production. p. 48.
- Basmanov, P. I. - Superfine purification of air by means of filters based on FP material. p. 60.
- Kotov, A. I. - Method of butanol regeneration. p. 52.
- Porshin, O. N., and others. - Antimorphophene, a new preparation for the treatment of dermatomycoses. p. 53.
- LENINGRAD. KHIMIKO-FARMATSEVTICHESKII INSTITUT. Trudy [PHARMACEUTICAL CHEMISTRY INSTITUTE. Transactions].** Vol. 21, 1967. Voprosy Farmakognozii [Pharmacognostic problems], no. 4.
- Table of contents translated:
- Khalilskii, A. M. - Scientific research work of Professor A. F. Gimmormann. p. 6.
- Borisova, N. A. - Deformation of the age and growth rate of *Convolvulus majalis* L. groves. p. 12.
- Ivanov, I. A. - Characteristics of the growth and distribution of medicinal plants in Central-Yakut and Nanay Districts of Yakutia. p. 24.
- Kotikova, N. M., Iakovlev, O. P. - Materials on the geographical distribution of some species of the *Codonopsis* Wall. family. p. 30.
- Sokolov, I. U. N. - Possibility of using penetrating radiation in the selection of medicinal plants. p. 36.
- Iakovlev, G. P. - Notes on the systemization and geography of the *Sophora* L. genus and related genera. p. 42.
- Iakovlev, G. P. - Genus *Sophora* L., the section *Pseudosophora* DC. and *Keyserlingia* (BGE.) Yekovl., in the Near and Middle East (Turkey, Syria, Iraq, Iran, Afghanistan, and Pakistan). p. 63.
- Solov'ov, I. V., Syrovozhko, N. V. - Diagnostic anatomy of the overground parts of the *Scopolia* (angulata) Maxim. and its distinction from related species having therapeutic significance. p. 70.
- Trubachev, A. A. - Morphological and anatomical diagnostic characteristics of the *Chimaphila umbellata* (L.) Nutt. p. 83.
- Iakovlev, G. P., Syrovozhko, N. V. - Some structural characteristics of the seeds of the *Sophora* L. genus and related to its genera in relation to their systemization and phylogeny. p. 80.
- Bliznova, K. F., Arkhipova, G. M. - Chemistry of the *Sophora* L. genus. p. 100.
- Bliznova, K. F., Pimenova, R. E., Pimenov, M. G. - Prospecting for physiologically active substances in the Transbaikalian flora. p. 109.
- Denikeeva, M. F., Litvinenko, V. I., Stukot, K. L. - Flavonoids of the *Dracopis* nodulosum R. p. Report No. 2. Flavones and glycosides. p. 123.
- Zelikov, I. M., Rozensvetz, P. E. - Chemical study of *Archangelica officinalis* (Moonch) Hoffm. cultivated in Leningrad Province. p. 126.
- Kalashnikova, S. V., Musayev, I. D. - Relationship

... and arbutin in Varrinellum villosum leaves. p. 134.

... Kolovskii, B. K., Stollarets, V. I. - Alkaloids of the comfrey Symphytum lopech. Report No. 2, p. 137.

D., Bilnova, K. F. - Mineral composition of plants used in medicine in Tibet. p. 144.

D., Kozlova, G. I. - Content of manganese in medicinal plants depending on the conditions of growth in the northwestern part of the USSR. p. 140.

... - Materials for phytochemical study of representatives of the Gentianaceae Dumort. growing in the northwestern part of the Caucasus. p. 2, p. 169.

... , Dukreeva, T. V. - Flavonoids of the septentrional Pall. Report No. 3, p. 102.

D. F., Tsozinsvolg, P. E. - Materials for the chemical composition of Hieracium (L.) Maimon. p. 107.

A. P. G., Slukko, K. L. - Spectrophotometric determination of anthraquinone derivatives in the frangula alnus Mill. p. 171.

A. A. - Phytochemical study of Chamaecypariss (L.) Nutt. p. 176.

G. - Culture of medicinal plant tissue and of its use in pharmacy. p. 184.

A. G., Safonov, V. I., Safonova, M. P. - Studies on polyaromatic compounds as a new separating reagent for the alkaloids.

D. I. - Separation of alkaloids of Rauwolfia in Benth. tissue culture and of the tannin in Benth. p. 192.

... , Gruslitskii, I. V., Butenko, R. G. - Song C. A. Moy as an object for the study of plant tissue cultures. p. 198.

... , A. F., Abdul Razzak Ali Dzhandev, - Recent manuscripts deposited in the Institute of Botany of the USSR Academy of Sciences of Asia. p. 204.

... , I. V. - Search for new medicinal plants in the family in the Democratic Republic of Vietnam. p. 207.

... , I. U. I. - Medicinal plants of Burma in the national medicine in diabetes. p. 2, p. 217.

... - Homostatic remedies used in White and Black medicine. Report No. 2. Study of the composition of Lysimachia nummularia L. p. 217.

I. Kh. - Effect of some medicinal propargol on the origin of mitosis. p. 220.

... , and others. - Study of Lithospermum L., a new medicinal plant. p. 235.

PHARMACY AND NURSING

A SESTRA [MEDICAL NURSE], issued by the Ministry of Health of the USSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 27, July-Aug. 1968.

SURGERY AND DENTISTRY

... OKHIMURICH [PROBLEMS OF NEURO-SURGERY] issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R.]. Moscow, Jan.-Feb. 1967.

... contents translated: U.S.S.R. and its current problems.

... - Now transcranial approach to the brain. p. 5.

... - Metabolic characteristics of the brain. p. 8.

... , I. N., Pronina, T. S. - Content of iron in the blood serum in patients with brain tumors. p. 12.

V. I. - Arachnoidal accumulations in the brain. p. 14.

A., Sergienko, T. M., Shamaev, M. I. - Vascular disorders in the brainstem and supratentorial localization. p. 18.

... , Gabibov, G. A. - Disorders of the neurovascular regulation in parasagittal arachnoidocystic formations. p. 23.

I. Kh., Lebedeva, N. V. - Cerebral tumors with lesions of main vessels of the brain. p. 30.

... , and others. - Carotid insufficiency in the tumor process. p. 36.

... , Mulukina, L. P., Kantuka, I. I. - Benign states imitating tumors and vascular disorders of the brain. p. 39.

... , M. M., Grekhov, V. V., Anan'ev, G. V. - Disorders of endocrine disorders in slow development of hydrocephalus of tumors and vascular disorders. p. 42.

A. - Diagnosis of gliomas of frontobasal and their differentiation from astrocytomas of the olfactory fossa. p. 46.

... , I. M., Popova, L. T. - Korsakoff syndrome in tumors of the mesencephalic region and its differential diagnostic significance. p. 50.

Grigor'eva, L. V., Savchenko, I. U. N. - Clinical and morphological study of ganglionic tumor originating from tuber cinereum in late periods following compound treatment. p. 55.

Kun, A. M. - Pneumoencephalography without release of the liquor in the diagnosis of early forms of neurinomas of the acoustic nerve. p. 57.

Leonid Aleksandrovich Korotkiy; on his 70th birthday. p. 62.

(ONLM)

Vol. 32, no. 2, Mar.-Apr. 1968.

Table of contents translated:

Tsivilian, I. A. L. - Stabilization of a damaged spine following laminectomy. p. 1.

Anchelevich, V. D. - Some late complications following a closed trauma of the spine and spinal cord. p. 6.

Esperov, I. N., Khudoloi, I. L. - Functional X-ray diagnosis in hernias of lumbar intervertebral disks. p. 10.

Kuznetsov, A. S. - Surgical treatment of prolapsed intervertebral disks. p. 13.

Pen'kovskii, K. L. - Surgical treatment of ventrally situated intraspinal neoplasms. p. 16.

Zvonkov, N. A., Kargopol'tseva, G. V. - Plastic surgery for spine bifida using preserved homogeneous dura mater in myelocle. p. 20.

Popellanskii, I. A. U., Kiperov, L. P. - Clinical substantiation of infiltrative and surgical treatment of the muscular scapular anterior syndrome. p. 22.

Leksin, E. N. - Permeability of the hematoencephalic barrier in some blastomatous diseases of the brain. p. 25.

Kagan, I. L. - Anatomical studies of the topography of deep major veins of the brain in tumors of the basal cerebral and basal cranial. p. 28.

Maranditi, E. E. - Variations of the formation and distribution of the peripheral branches of nervous recurrent tendon of cerebellum (Arnold's nerve). p. 35.

Hurman, G. P., Deglarova, S. M., Malarevskii, A. A. - Cytology of imprints of the wound surface following the removal of cerebral tumors. p. 38.

Zil'berglein, M. S., Ostrovskii, V. I. U., Dryk, V. E. - Changes in the bioelectrical activity of the brain in neurosurgical patients during anesthesia. p. 41.

Nikolaeva, N. F. - Use of fluorothane in pediatric neurosurgery. p. 45.

Ratner, A. I. U. - Effect of nitroglycerin on cerebral blood circulation in patients with cervical migraine; clinical and rheoencephalographic parallels. p. 48.

Sergov, I. D. - Use of fluoroplas-4 film in neurosurgical practice. p. 61.

Pastushko, L. P. - Our experience in surgical treatment of discogenic lumbosacral radiculitis. p. 62.

Bortashvili, R. I., Rumiantsev, I. U. V. - Diastematomyelia resembling the course of a tumor of the spinal cord. p. 63.

Volyntin, N. M., Orlov, V. K. - Perforation of the wall of anterolateral cisternophore caused by a cerebral tumor with basal inflammatory process. p. 66.

Zhagrin, A. G., Sauro, I. E. - Neurinoma of the anterior cerebral fossa. p. 67.

Taratov, N. G., Koshkina, G. S. - Generalized lipomatosis with conversion into liposarcomatosis. p. 68.

In memory of E. A. Terpigov. p. 61.

(ONLM)

15. AGRICULTURE

a. GENERAL

AKADEMIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut porovedeniia i agroklimat. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Soil Science and Agricultural Chemistry. Transactions]. Baku, vol. 16, 1967. Agrochemical research in the Azerbaijan S.S.R.

Table of contents translated:

Guseinov, R. K., Mirzoi, A. T. - Effect of long term usage of fertilizers on soil fertility, harvest and green tea leaf quality. p. 8.

Guseinov, R. K., and others. - Agrochemical properties of the basic types of soils in the lowland portion of Nakhichevan A.S.S.R. and the conditions of cotton plant mineral nutrition. p. 28.

Guseinov, R. K., Akhundov, F. G. - Doses and periods of application of liquid and concentrated nitrogenous fertilizers to cotton plants. p. 48.

Dzhabarova, V. A. - Changes in complex and concentrated nitrogenous and phosphorous fertilizers in the Storozem-Brown soil of the Apsheron Peninsula. p. 66.

Guseinov, R. K., Ismailov, N. - Reserves and forms of phosphates in the soil of the Mugan-Salyany

Steppe. p. 72.

Dzhebrailov, M. G., Gambarian, A. E. - Effectiveness of potassium fertilizers on vegetable cultures in the Apsheron Peninsula. p. 80.

Dzhebrailov, M. G., Shelkikh, M. G. - Changes in the form of phosphorus fertilizers in the Gray-Brown forest soils of the Kuban-Kharbas zone. p. 83.

Radzhabova, T. K. - Content of nitrogenous compounds and the quality of tea in relation to the conditions of potassium nutrition. p. 102.

Gul'akhmedov, A. N. - Availability of cobalt, zinc, and phosphorus compounds in the soil. p. 108.

Gul'akhmedov, A. N., Agaev, N. A. - Content of trace elements and the effectiveness of their use in the soils of the Zakataly District. p. 110.

Baeva, A. I. - Some rules of uranium and thorium content in soils in relation to bedrock. p. 161.

Kaliev, Sh. M. - Effect of iodine-containing associated trace element fertilizers on the harvest and quality of sugar beets. p. 180.

CHELYABINSK. INSTITUT MEKHANIZATsii ELEKTRIFIKATsii SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE FOR THE MECHANIZATION AND ELECTRIFICATION OF AGRICULTURE. Transactions]. No. 24, 1965. Repair and improvement of the designs of tractors, motor vehicles and engines.

Table of contents translated:

Kharitonchik, E. M., Zakhmatov, I. P., Vorob'ev, E. P. - Factors influencing the durability of ChTZ track meshing. p. 7.

Zakhmatov, I. P., Vorob'ev, E. L. - Friction in the links of the ChTZ tractor tracks. p. 16.

Kulikov, B. M. - Investigation of the performance of the guiding system in a track drive of a high-capacity tractor. p. 27.

Kulikov, B. M., Kulikov, B. M. - Tensometric determination of stresses in a track drive. p. 37.

Kurayev, I. A. - Maximum efficiency of swamp tractors. p. 43.

Guslatnikov, V. A., Kozlov, V. A. - Investigating torsional vibrations of transmission shaft on a scaled-down model. p. 49.

Dzigitovskii, V. F. - Method of checking the technical state of components in hydraulic units of tractors. p. 65.

Sul'gin, L. M. - Analysis of certain rises in the performance of an automatic interlocking differential gear under unsteady operating conditions. p. 65.

Popov, V. N., Ashmarin, N. M., Mazur, B. I. - Supercharging the KDM tractor engine. p. 69.

Popov, V. N., Kuznetsov, A. P., Guslatnikov, V. A. - Filling the D10 tractor diesel engine equipped with a gas turbine supercharger under unsteady operating conditions. p. 79.

Popov, V. M., and others. - Effect of a gas turbine supercharge on the engine pickup. p. 97.

Shepelev, V. D. - Effect of the turning speed of crankshaft on the starting parameters of a diesel engine. p. 103.

Malyshev, V. I. A. - Automatic machines for measuring parameters in testing internal combustion engines, tractors, and motor vehicles. p. 113.

Malyshev, V. I. A. - Experience in testing heavy-duty engines on small-capacity brake stands. p. 119.

Bashkov, R. M., Kharitonchik, E. M. - Free-piston diesel pump with a V-shape mechanism for direct hydraulic drives. p. 126.

Rashkov, R. M., Kharitonchik, E. M. - Rational characteristics of the flexible element in the system of automatic control in the discharge of a piston pump with a V-shape mechanism. p. 131.

Shov, V. M., Kharitonchik, E. M. - Calculation of basic parameters of free-piston diesel pumps. p. 137.

Slonim, L. S., Trukhanov, V. A. - Investigating the crankshaft-type motor compressor with a multi-stage piston. p. 147.

Slonim, L. S., Trukhanov, V. A. - Investigating the crankshaft-type motor-vacuum pump with a multi-stage piston. p. 159.

Ryzhkov, N. A., Ul'man, I. E. - Strength indices of a layer built-up by the weaving arc method. p. 171.

Ul'man, I. E., Vigdorzhik, V. M., Kazak, I. U. G. - Effect of the material in a built-up layer on the magnitude of residual stresses originating at pulsation arc surfacing of samples with certain alloy electrode wires. p. 181.

Avdeev, M. V. - Investigating convection heat exchange at pulsation arc surfacing. p. 187.

Avdeev, M. V., Sokolov, B. F. - Evaluating mechanical properties of a built-up layer according to hardness indices. p. 193.

Smirnov, B. A., Ul'man, I. E. - Protective role of a fluid at pulsation arc surfacing. p. 201.

Ryzhkov, N. A. - Durability of samples built-up by the arc weaving method. p. 205.

Kazak, I. U. G. - Investigating the durability and fatigue resistance of samples built-up with alloy electrode wires. p. 208.

Tarasov, I. U. S., Egorov, N. M. - Measuring temperatures in electric resistance surfacing with metallic powder. p. 219.

Smirniagin, G. F., Ul'man, I. E., Lomonosov,

- 10, N. - Investigating the quality of adhesion of the built-on powder with the surface of the part. p. 223.
- Ulyanov, I. E., Leizerova, M. M., Zasharova, A. P. - Investigating mechanical properties of some steel types for plowshares with isothermal hardening. p. 231.
- Ogloblin, A. I., Zakharova, A. P. - Mechanical properties and microstructure of the 153 plowshare steel after isothermal treatment. p. 239.
- Spiridonov, K. M. - Using models in learning mechanical drawing. p. 243.
- GIDROTEKHNIKA I MELIORATSIIA (HYDRAULIC ENGINEERING AND RECLAMATION)**. Issued by Ministerstvo sel'skogo khozaystva SSSR and Ministerstvo melioratsii i vodnogo khozaystva SSSR (Ministry of Agriculture of the U.S.S.R. and the Ministry of Reclamation and Water Resources Management of the U.S.S.R.) Moscow, vol. 20, no. 5, May 1966.
- Table of contents translated:
- Dukovnyy, V. - The Gokhnyaya Steppe submits to man. p. 1.
- Kluis, V. Kh., Shcherb, B. G. - A rational system for the irrigation of grain crops and grasses. p. 11.
- Sharov, V. V. - Reliability of automatic irrigation system regulators. p. 18.
- Gorodnitskiy, G. A. - Effectiveness of irrigation of winter wheat in Stavropol Territory. p. 23.
- Sheffer, I. A. I., Markina, G. I. - Means of increasing the productivity of pumping windmills. p. 32.
- Lobov, N. F. - From the work experience of the Southern Scientific Research Institute of Hydraulic Engineering and Reclamation. p. 38.
- Rickals, I. A. - Experience in the construction of large-scale drainage systems in the Latvian S.S.R. p. 41.
- Rynkevich, V. S., Khvilkov, S. P. - Means of protecting drains against silting. p. 49.
- Poltakov, A. F. - Depth control in digging canals with an excavator-back hoe. p. 50.
- Smirnov, T. P., Shlaen, A. G. - Increase the quality of prefabricated ferroconcrete flumes. p. 52.
- Berezinot, H. V. - Machine for manufacturing large diameter spirally wound polyethylene pipes. p. 57.
- Tomlin, E. D., Onofimov, P. R. - Grader with variable capacity bucket. p. 61.
- Kremer, E. S. - Business accounting in irrigation systems and water prices. p. 66.
- Rodkin, F. I., Radchenko, K. K. - Introduction of business accounting in irrigation systems. p. 72.
- Skorobogatov, V. - Brush control techniques without bank formation. p. 76.
- Predobrazhenskii, K. I., Iudinitskii, V. Sh. - Machines for the removal of slimes. p. 83.
- Ivanenko, M. F., Slankovich, A. I. - Where to acquire irrigation equipment? p. 92.
- Filsovetov, I. A., Petrov, P. V. - Design of ferroconcrete structures on peat bogs. p. 92.
- Alkneev, N. A. - Water economy of the world at EXPO-67. p. 94.
- Kulyrin, I. M. - Control of water pollution abroad. p. 100.
- Itaifkov, A. F. - Problems in the improvement of irrigation systems. p. 108.
- Deinitskii, G. A., Avdeev, A. - Coordinating conference on the automation of water supply systems. p. 113.
- Results of socialist competition for the fourth quarter of 1967. p. 120.
- All-Union inspection of inventors' work in the area of land reclamation and water economy. p. 123.
- Congratulations on high awards. p. 125.
- KHIMIA V SEL'SKOM KHOZIAISTVE (CHEMISTRY IN AGRICULTURE)**. Organ of Gosudarstvennyy nauchel khimicheskoy promyshlennosti pri Gosplan SSSR and Ministerstvo sel'skogo khozaystva SSSR (State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.). Moscow, vol. 8, no. 850, June 1968.
- Table of contents translated:
- Larin, P. A. - Effect of magnesium fertilizers under different meteorological conditions. p. 2.
- Treshchov, A. G., Larin, P. A., Rybalchenko, A. G. - Effect of accompanying ions on magnesium intake in sugar beets. p. 8.
- Popov, G. N. - Use of molybdenum and boron in pea cultivation in ordinary Chernozem soil in Saratov Province. p. 10.
- Gladkov, A. T., Ukhin, I. P. - Effect of the use of manganese in combination with granosan and hoxachloran on the yield and sugar content of sugar beet roots. p. 15.
- Zharinov, V. I. - Treatment of perennial legume grass seeds before sowing with trace element fertilizers. p. 17.
- Sokol'zov, V. A., Bolko, A. S. - Effect of vibration on the formation of arches by mineral fertilizers. p. 19.
- Zol'berman, I. V., Fadeev, I. U. N., Zhurnivleva, L. M. - Some results of the study of the effect of vibration on the formation of arches by mineral fertilizers. p. 19.
- spider mite resistance to methylmercaptaphos. p. 27.
- Sandin, M. A., and others. - Study of calcium tetra-thiophosphate stability. p. 28.
- Fed'ko, I. A. - Efficiency of the use of some insecticides against *Zabrus tenebrioides*. p. 30.
- Lebedeva, T. A., Kutsenko, M. A. - Determination of some new organomercury pesticides in air and washings. p. 31.
- Marcelbaum, I. A. A., and others. - Insecticidal and fungicidal activity of alkyl- and arylsulfamides of O, O-dimethyl-S-carbamoylmethylthio- and dihydrophosphates. p. 33.
- Shogun, S. M., Mikhaylova, S. V., Troitskaya, T. V. - Method of analyzing 3-trichloromethylphos. p. 34.
- Baka, I. A. A. - Aftereffect of herbicides on crop weed levels, yield and technological qualities of winter wheat seed. p. 36.
- Lebedev, G. F. - Efficiency of the use of prometryne in potato plantings in soddy Podzolsol soil. p. 40.
- Korshagina, V. A., Smashevskaya, G. A. - Study of the efficiency of 3-amino-2, 5-dichlorobenzotric acid on soybean and tomato crops under Far East conditions. p. 43.
- Zakharenko, V. A. - Study of the competitive ability of weeds and cultivated plants in connection with the application of herbicides. p. 47.
- Kutuzov, G. P., Stepanenko, G. K. - Efficiency of 2, 4-D on annual ryegrass and barley sowings in relation to weed level. p. 52.
- Statitskiy, A. A., Mikhaylovskiy, B. M. - Determination of volatile acids in soybean and pea silages. p. 54.
- Drizdenko, N. P., Sachetnikov, L. A. - Chemical preservation of clover. p. 57.
- Krupnik, P. I. - Methods of compiling agrochemical cartograms. p. 60.
- Atanasyuk, V. B. - Determination of the absorption capacity of soils using the titrimetric method. p. 63.
- Dork, V. A., Sal'nikova, K. S. - Method of determining assimilable phosphorus in mineral fertilizers in a glacial acetic acid medium. p. 65.
- Tsitovich, I. K., Kuz'menko, E. A. - Micromethod of determining sodium 2, 4-dichlorophenoxyacetic acid in soil after concentration on anionite. p. 68.
- Teron'eva, M. I. - Destruction of weeds in fallow fields by means of herbicides. p. 70.
- Umatovskiy, T. P. - Production of mixed fertilizers abroad. p. 71.
- Fester, G. I. - All-Union conference (summary) of group leaders on analysis of fodder and plants of zonal agrochemical laboratories. p. 77.
- Molotov, N. M. - All-Union coordinating conference on the protection of farm crops from pests, diseases and weeds. p. 78.
- KHILDOBOE UKRAINY (THE FARMER OF THE UKRAINE)**. Issued by Ministerstvo vyrobnytstva i zashchity sel'skospodarskoy promyshlennosti SSSR (Ministry of the Production and Procurement of Agricultural Products of the Ukrainian S.S.R.). Kiev, vol. 24, nos. 7-8, July-Aug. 1968.
- KISHINEV. SEL'SKOKHOZIAISTVENNYI INSTITUT IM. M. V. FRUNZE. Trudy [M. V. FRUNZE AGRICULTURAL INSTITUTE. Transactions]**. Kishinev, vol. 46, no. 3, 1967, biophysics; third edition.
- Table of contents translated:
- Lyskov, V. N., Kazantsev, E. F. - Some uses of the electronic paramagnetic resonance method in the study of complex biological objects. Method of electronic paramagnetic resonance. p. 5.
- Lyskov, V. N., and others. - Study of the action of chemical mutagens on some biological objects by the electronic paramagnetic resonance method. p. 12.
- Lyskov, V. N., Maslobrod, S. N. - First trials of the electrophysiological characteristics of corn mutation. p. 16.
- Maslobrod, S. N., Lyskov, V. N. - Electrophysiological study of the morphologically left and right forms of the Golden Broom sort of corn.
- Brick, P. L., Lyskov, V. N. - Plasmodemes in pollen grain micrographs of the corn plant Zea mays. p. 34.
- Lyskov, V. N., Brick, P. L., Karpova, L. A. - Ultrastructure of the hair of the leaf down of a corn mutant. p. 38.
- Lyskov, V. N., Brick, P. L., Bogdanov, U. M. - Electron microscope study of some generative and vegetative organs of a triploid corn mutant. p. 40.
- Lyskov, V. N., Karpova, L. A. - Study of the corn leaf mesophyll under an electron microscope. p. 40.
- Brick, P. L. - Material for the atlas of the ultrastructure of cells of different organs of the corn plant Zea mays. p. 52.
- Lyskov, V. N., and others. - Creation of self-pollinating lines of corn with male cytoplasmic sterility.
- Stepanov, K. I. - Some physiological characteristics of mutant forms of corn obtained from line YN 44. Preliminary report. p. 78.
- Lyskov, V. N., and others. - Chlorophyll mutates of barley and chick-pea caused by physical and chemical factors. p. 83.
- Kravchenko, A. N. - Study of the branching mutant of corn. p. 89.
- Lyskov, V. N., Prostra, B. F. - Obtaining new forms of winter wheat by pollination with irradiated pollen. p. 91.
- Krupnik, K. A. - Some characteristics of the work with pollen labeled with radioactive isotopes. p. 98.
- Foka, M. I. - Effect of chemical and physical factors on the entry of phosphorus into grapevine cuttings. p. 100.
- Ryba, S. G. - Ultrasound as a mutagenic factor. p. 102.
- Krupnik, K. A., Budak, R. I. - Study of the dissemination of corn pollen by means of labeled glumes. p. 105.
- Lyskov, V. N. - Characteristics of the methods of obtaining experimental mutations of plants. p. 109.
- Lyskov, V. N., Kondrat, A. I., Illarionov, O. V. - First evidence of the feasibility of using chemical mutagenes for the synthesis of single hybrids of corn. p. 141.
- Lyskov, V. N., Vasilutskiy, I. U. P. - Study of some physical factors influencing seeds used for raising green fodder by the hydroponic method. p. 149.
- Lyskov, V. N., Orlovskiy, Z. A. - Study of the effect of mutagenic factors on changes in the resistance of corn to smut. p. 154.
- Simenok, V. D. - Effect of irradiation on the formation of some of the characteristics of intraspecific hybrids of wheat. Preliminary report. p. 173.
- Simenok, V. D. - First experiment in the pressing irradiation of the seeds of interspecific hybrids of wheat. p. 184.
- Vol. 53, 1967. Mekhanizatsiya sel'skogo khozaystva [Mechanization of Agriculture], no. 1.
- Table of contents translated:
- Lyskov, G. P. - Improve the methods for efficient usage of diesel oils in tractors. p. 4.
- Lyskov, G. P. - Regularities of changes in crankcase oil in the ASMD-7 engines of the T-50V tractors under operational conditions. p. 9.
- Lyskov, G. P. - Study of the changes in quality of the crankcase oil in the DT-20 tractor under operational conditions. p. 20.
- Lyskov, G. P. - Study of the intensity of sediment retention by oil emulsifiers during the petroleum of tractors under operational conditions. p. 25.
- Lyskov, G. P. - Study of the quantitative admixture of additives in the D-48PL engines for restoration of the original quality of the oil. p. 33.
- Lyskov, G. P., Pridan, M. N. - Crankcase oil change periods for the D-50 "Belarus" tractor engines. p. 43.
- Lyskov, G. P., Zhoson, A. A. - Methodology for the determination of mechanical admixtures in refined oils. p. 57.
- Lyskov, G. P., Zhoson, A. A. - Determination of the "active" additive in refined oils by the absorption separation method. p. 60.
- Lyskov, G. P., Zhoson, A. A. - Electrical conductivity as an operational index of the "active" portion of the additive in refined oils. p. 60.
- Lyskov, G. P., Kirilluk, P. A. - Weariness of the neutralizing component of the additive depending on the service time of the oil and loading of the D-50 engine. p. 70.
- Lyskov, G. P., Kirilluk, P. A. - Changes in the physicochemical properties of crankcase oil depending on the loading level of the D-50 engine. p. 77.
- Lyskov, G. P., Savchenko, V. G. - Development of an electronic contactless tachometer for controlling the revolutions of oil centrifuges. p. 85.
- Lyskov, G. P., Mogorin, V. I. - Some problems in the organization of improvement of the use of oil products in agricultural production of the Republic. p. 90.
- Lyskov, G. P., Tsimulnik, I. S. - Use of moosepate for periodic additional cleaning of the crankcase oil of a tractor under operational conditions. p. 97.
- Lyskov, G. P., Zhoson, A. A. - Study of the effect of ultrasonic treatment of diesel oil with additives on the changes in its quality during the operation of tractors. p. 102.
- Lyskov, G. P., Zhoson, A. A., Kirilluk, P. A. - Comparative analysis of the quality changes of crankcase oil depending on the operational conditions of "Belarus" tractors. p. 108.
- Hudakov, N. A. - Reliability study of the T-46 tractor. p. 113.
- Lyskov, G. P. - Development and state of the production of motor oils and additives for diesel tractor

- Khovarskiy, I. A. - Some characteristics of the dynamics of shell waters off Southwest Africa. p. 57.
- Bernikov, R. G., Prosvirov, F. S. - Characteristics of promising fishing grounds off the coast of Spanish Sahara and Mauritania. p. 70.
- Prosvirov, F. S., Obelinskaya, I. I. - State of the commercial *Sardinella aurita* population in the regions of Takoradi and Dakar. p. 81.
- Fridland, I. G., Erokhin, A. T., Iakovchuk, M. P. - Biology and resources of herring in the Nova Scotia Shelf. p. 88.
- Vlatov, I. A., Filippov, E. A., Kononov, E. I. - Relationship between water and fish distribution in the region of Nova Scotia. p. 123.
- Brizantsev, V. A. - Distribution of water masses in the Nova Scotia Shelf. p. 131.
- Probatov, A. N. - Fishery studies off Malacca and Indochina conducted aboard the trawler "Arsen'ev." p. 137.
- Studenetskiy, S. A. - Some problems of fishery development in the southern Atlantic. p. 148.
- Polonskiy, A. S. - Errors in generalizing materials on fish biology. p. 153.
- Vasilev, G. D. - Some results of the oceanographic research by the Second Expedition of the Baltic Scientific Research Institute of Sea Fisheries and Oceanography off the coast of Nova Scotia. p. 156.
- Shuskin, V. I. - Rate of herring maturity in the Georges Bank during July and August of 1961. p. 158.
- Pisarevskiy, I. F. - Individual pulse apparatus for catching tuna fish. p. 160.
- KALININGRAD. KALININGRADSKII TEKHNICHESKII INSTITUT RYBNNOI PROMYSHLENNOSTI I KHOZIAISTVA. Trudy [KALININGRAD TECHNICAL INSTITUTE OF FISHERIES. Transactions]. No. 10, 1968.**
- Table of contents translated:
- Aranavich, Sh. M. - Test unit for studying new laminar surfaces of heat exchangers on ships. p. 5.
- Bol'dyrev, I. N., Kotlar, I. V. - Calculation of hydrocyclone. p. 11.
- Boravskaya, L. P. - Generalizing the results of metal fatigue tests at various tension states. p. 20.
- Goldenberg, I. Z. - Experimental study of the effect of flow turn relationships on hydraulic losses in pressure conduits. p. 20.
- Ermol'chik, V. N., Kotlar, I. V. - Analytical method of studying the dynamic properties of single-compressor gas turbine systems. p. 35.
- Ermol'chik, V. N. - Study of the stability of single-compressor gas turbine systems. p. 46.
- Kotlar, I. V. - Method of calculating the characteristic stability of gas turbine systems. p. 63.
- Kotlar, I. V., Selin, V. V., Ermol'chik, V. N. - Study of the operation of blocked gas turbine systems on ships at sudden disturbances in the torque. p. 62.
- Kotlar, I. V. - Selecting the optimal number of stages of a gas turbine with consideration of equal strength conditions. p. 71.
- Korekhunov, L. P. - Characteristics of power systems of whaling bases. p. 78.
- Korekhunov, L. P. - Problems of fuel standardization in fishing fleets. p. 83.
- Kurillo, V. E. - Some characteristics of the motion in two-phase fluid. p. 90.
- Lukin, G. I. A. - Higher efficiency of seawater distillation units on fishing vessels. p. 98.
- Petrov, L. A. - Derivation of formulas determining the relationship of parameters of ideal gases in the process of inflow and outflow from containers. p. 104.
- Selin, V. V. - Study of overregulation of the parameters of gas turbine systems on ships. p. 109.
- Shishlov, G. N. - Some results of testing engines with injectors with hydraulically blocking two-differential needles. p. 115.
- Shishlov, G. N., Motorniy, A. V. - Improvement of the initial stage of the actual process of fuel supply. p. 123.
- Shishlov, G. N., Morozov, G. A. - Stabilization of pressure in the control system of injectors with alternating hydraulic blocking of needles. p. 127.
- Shchagin, V. V., and others. - Increase in engine power of medium-size trawlers by mechanical pressurization. p. 133.
- Shchagin, V. V., and others. - Selecting lubricants for engines of different power levels. p. 141.
- Shchagin, V. V., and others. - Characteristics of continuous centrifugal oil filter for medium marine engines. p. 187.
- Shchagin, V. V., and others. - Effect of the parameters of environment on power and operational economy of engines. p. 170.
- Shchagin, V. V., and others. - Operational engine resources and automatic recording of their loads. p. 181.
- Shchagin, V. V., Tshinin, V. A. - Effect of operational conditions on engine wear. p. 190.
- MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Ministerstvo inzhener i molochnoi promyshlennosti SSSR i Tsentral'noe pravleniye Nauchno-tehnicheskogo obshchestva pishchevot promyshlennosti [Ministry of the Meat and Dairy Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 8, Aug. 1968.**
- MOLOCHNOYE MOLOGODSKAYA OBLAST' VOLOGODSKII MOLOCHNIY INSTITUT. Trudy VOLOGDA DAIHY INSTITUTE. Transactions]. Vologda, no. 49, 1966. Proceedings of the technological faculty.**
- Table of contents translated:
- Berman, S. L. - Interaction of lactose with amino acids. p. 3.
- Glagolev, I. U. F., Zhidkova, N. I. - Role of hydrogen peroxide in the aerobic oxidation process. p. 15.
- Azhimov, A. M. - Vitamin A content in milk related to different types of feeding of cows. p. 20.
- El'sova, M. V., Mironova, Z. A. - Milk quality in the working area of the Vologda City Dairy. p. 35.
- Gudkov, A. V. - Nisin and its use in the food industry. p. 43.
- Blak, G. I. - Antagonistic activity of No. 304 yeast on *Oldham lactis* mold. p. 109.
- Gudkov, A. V. - Phases of the population development of some *Clostridium* species. p. 121.
- Shubin, M. E. - Effect of the degree of milk cooling after milking and of the storage conditions on its technological properties. p. 65.
- Blak, G. I., Blak, G. G. - Effect of increased doses of yeast culture No. 304 on the spoiling resistance of mass-produced butter in storage; characteristics of mass-produced butter. p. 77.
- Kolovn, O. G. - Increasing the stability of butter in storage. p. 83.
- Kozlovskiy, O. V. - Selection of a disk atomizer for a direct flow dryer. p. 103.
- Gudkov, A. V. - Vitamin requirements of some *Clostridium* species. p. 129.
- Chokulaeva, L. V. - Technical and economic evaluation of the optimized indices of the composition of products in the production of canned milk. p. 191.
- Smolnagait, A. L. - Study of the formation of hydrogen bonds in copolymers of maleicrylic acid with styrene in a slug by the infrared method. p. 149.
- Chekulaeva, L. V., Puchkov, P. I., Chokulov, N. M. - Dispersion of the bacterial phase in sugar-sweetened condensed milk in storage. p. 155.
- MOSCOW. VSESOUZNYI NAUCHNO-ISLEDOVATELSKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY. Transactions]. Vol. 40, 1969.**
- Table of contents translated:
- Vokresenskii, N. A. - Effect of drying by sublimation on changes of muscle tissue properties in fish. p. 6.
- Levinikov, I. P. - Water-containing capacity of fish meat and its role in salting. p. 21.
- Mrochkov, K. A. - Sterilization of cod liver in containers aboard a trawler and the production of canned food from it. p. 38.
- Treshcheva, V. I. - Study of incomplete hydrogenation of cod fat. p. 40.
- Koval'chuk, G. K. - Effect of proteolytic enzymes on fish proteins in the presence of calcium chloride. p. 63.
- Udinskaya, A. I. - Microscope fish study during salting. p. 67.
- Kalanlarova, M. V. - Changes in nitrous substances of fish in producing and preserving canned fish in tomato sauce. p. 74.
- Kalanlarova, M. V., Makal'mova, M. V., Bogova, I. K. - Sardines from *Capelin aprata*. p. 81.
- Udinskaya, A. I., Treshcheva, V. I., Koltov, V. V. - New drying method. p. 84.
- Podsavealov, V. N. - Study of electric fish-salting process. p. 98.
- Sukratov, A. I. - Salt brine for salting fish in a container. p. 109.
- Koval'chuk, G. K., Parshina, Z. S. - Freezing and preserving crabs at low temperatures. p. 117.
- Kushnova, N. E. - Weight and chemical composition of large salmon and its products. p. 121.
- Kulikov, A. N. - Preparing whalebone whale meat for food. p. 132.
- Simakova, T. S. - Technology and quality of dried whistled. p. 138.
- Study of electric fish-salting process. V. N. Podsavealov. Trudy VNIRO 40:88-107 '69.
- OKHOTI I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziazstva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, nos. 7-8, 1968.**
- RYBOVOODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziazstva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 11, nos. 3-4, May-Aug. 1968.**
- VLADIVOSTOK. TIKHOKEANSKII NAUCHNO-ISLEDOVATELSKII INSTITUT RYBNOGO KHOZIAISTVA I OKEANOGRAFI. Izvestia [PACIFIC OCEAN SCIENTIFIC RESEARCH INSTITUTE OF FISHERIES AND OCEANOGRAPHY. Bulletin]. Vol. 57, 1967.**
- Table of contents translated:
- Birman, L. D. - Interspecific relationships of Pacific salmon in the sea. p. 3.
- Kruglov, F. V. - Relationship of the descent of young *Oncorhynchus nerka* (Walb.) to the conditions of Lake Dal'naya. p. 25.
- Krokhin, E. M. - Effect of the size of spawning sockeye salmon run on phosphate balance in spawning lakes. p. 31.
- Ievleva, M. A. - Resistance of developing sockeye salmon eggs to mechanical effects. p. 55.
- Ostrovnikov, A. G. - Some materials on the biology of *Oncorhynchus keta* of the Anadyr' River. p. 89.
- Grachev, L. E. - Growth rate of the *Oncorhynchus tshawytscha* Walb. of Kamchatka. p. 99.
- Polotov, I. A. - Resources of pleuronectid and lotus fishes in waters of Kamchatka and the development of fishing activities. p. 108.
- Trifol'skiy, V. N., Andriyevskiy, L. D. - Feeding habits of codfish in the Avacha Bay. p. 123.
- Karhin, T. F. - Methods of evaluating commercial resources of herring of the Kori-Karaginskii population. p. 135.
- Kashina, T. F. - Growth of Kori-Karaginskii herring and the time of the change of the head ring. p. 142.
- Kurenkov, I. I. - Plankton in lakes of the Kamchatka Lowland (Kamchatka River basin). p. 154.
- Kurenkov, I. I. - Hydrobiological study on Lake Kerpel'ev (eastern Kamchatka). p. 170.
- Krokhin, E. M., Kurenkov, I. I. - Avacha lakes. p. 187.
- Ostrovnikov, A. G. - Hydrochemical characteristics of the Anadyr' and Lakhina Rivers. p. 199.
- Kurenkov, I. I. - List of aquatic invertebrates in the inland waters of Kamchatka. p. 202.
- Krivels, A. F. - Physical and mechanical properties of commercial fishes in Kamchatka. p. 225.
- F. FORESTRY**
- RUSSIA (1923). U.S.S.R. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestia vysshego i srednego spetsial'nogo obrazovaniya. Bulletin of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning. Forestry Journal]. Moscow, vol. 11, no. 1, 1968.**
- Table of contents translated:
- Development of forest industries and forestry in the period of 1969-1970, and the tasks of science. p. 3.
- Mitroshnikov, V. S. - Effect of density and growth on pine stock increment in the White Russian S.S.R. p. 6.
- Chetnikov, A. P., Loukhina, T. A., Usponskiy, F. I. - Physiological condition of fir regrowth of different categories of viability. p. 10.
- Dorodn, A. L. - Additional feeding by insects as a cause of spruce growth loss in cuttings. p. 13.
- Pitkin, A. I. - Use of Milnerich's method to establish optimum growth density and for the equalization of experimental data. p. 17.
- Razin, G. S. - Forest productivity increase and environmental criteria based on the example of Perm Province. p. 20.
- Birukov, V. I. - Effect of precipitation and air temperature on the increase in thickness of Siberian larch under conditions of Orel Province. p. 24.
- Zabrosay, N. S. - Silvicultural properties of types and varieties of birch in the forest-steppe region of Omsk Province. p. 28.
- Baburin, A. A. - Reservoirs of *Manihot* sp. and *aphid* *oblongococcus*. p. 31.
- Anonov, I. S., Gnutov, F. I. - Seasonal growth of *Pinus sibirica* and *Pinus sylvestris*. p. 33.
- Zolotko, O. V. - Isolation of E and F photoperiods. p. 37.
- Pavlov, A. M., Stopin, V. V. - Markability and age of aspen cuttings in the central region of the European part of the U.S.S.R. p. 41.
- Bobko, A. N. - Determination of current annual stand growth. p. 44.
- Kozlov, V. F. - Some problems of the theory and calculation of the turning mechanism of a bifilar suspension. p. 47.
- Zhondarev, S. G. - Apparatus for studying the work of a prime mover in timber skidding. p. 50.
- Buterin, N. N. - Elastic pliability of anchor cables. p. 62.
- Edilov, V. I. - Determining the tension under the subcutaneous (cushioning) layer in temporary (wood and soil) auto roads. p. 66.
- Vesilov, D. V., Savol'teva, L. A. - Ways of using lignin-containing wastes in road building. p. 71.
- Eramiriev, V. N., Savol'tev, I. U. A. - Stabilization of narrow gauge railway beds during repair. p. 75.
- Gruba, A. E., Saney, V. I., Pashkov, V. K. - Lateral vibration in circular saws used for longitudinal sawing of wood. p. 78.

- Oley, I. A., Parlenenko, G. A. - Calculation of raw materials, resins and chemicals for the production of chipboard. p. 84.
- Gerasim, G. M., Iur'ov, I. U. I., Kononov, V. A. - Experimental determination of the amount of torque on the feed mechanism guide shaft of frontal transcarriages. p. 89.
- Zakay, G. I. - Physicochemical properties of Siberian spruce wood in Onsk Province. p. 92.
- Rasov, A. I. - Effectiveness of mechanical dehydration of wood. p. 95.
- Luboslavskii, V. D. - Position of the rabbit center to be selected on the SvPA machine tool. p. 98.
- Kononov, V. A. - Effective building materials from lumbering wastes. p. 105.
- Matykh, A. P. - Mechanics of the process of individual piece selection of round saw material in multi-layer storage in the feed bunker. p. 109.
- Mikhailov, G. S., Solochuk, N. A. - Grafting polymethyl methacrylate to wood by the use of the oxidation-reduction of the system $Fe^{2+} - H_2O_2$. p. 117.
- Nikitin, V. M., Burkov, G. L., Skachkov, V. M. - Differential infrared spectra of spruce lignin. p. 121.
- Sidorovskaya, I. P., and others. - Role of diffusion in capillary in the general process of colophony extraction from wood by fractionation. p. 124.
- El'tshchik, I. U. S., Pon, R. Z., Finkel'shteyn, A. V. - Identification of the absorption frequencies of the hydroxyl and complex ester groups of lignin. p. 131.
- Golos, I. S. - Influence of the morphological structure of the fiber on the formation of gel particles. p. 134.
- Bakova, E. M. - Aerodynamics of the fibrous layer in relation to the properties of the fiber. p. 139.
- Bagayev, A. N. - Chemical composition of val resinous after vacuum rectification of raw furfural. p. 141.
- Flabykh, V. I., Zarubin, M. A. - Interaction of lignin models with resorcinol. p. 145.
- Kulebakhin, A. M., Skrynnik, V. I. - Use of computers in the design of prefabricated reinforced concrete plates for paving logging roads. p. 149.
- Kudrov, A. A. - Study of the psychological loads on operators of crosscut sawmills with the aid of modeling schemes. p. 153.
- Porshina, I. I. - Characteristics of imidol formation in workers' families in lumber industries of the Central Ural. p. 157.
- Vozvoda, I. N. - Profile, profitability and use of timber resources. p. 160.
- Kazantsev, S. A. - Effect of mineral supplements on the growth of pines in wind erosion hollows. p. 163.
- Lakov, V. G. - Factors determining the dynamics of the epiphytotic of snow blight. p. 165.
- Iudin, V. G. - Role of the temperature factor in the interruption of seed dormancy in dogwoods. p. 167.
- Logvinov, I. V., 'Abi-al-Wahhab, Hashmi. - Forests and forestry in Morocco. p. 168.
- Murav'eva, N. O., and others. - Anniversary of Professor Maksim Lavrovich Dvoretzki. p. 175.
- TIFLE. INSTITUT LESA. Trudy [FORESTRY INSTITUTE. Transactions]. Moscow, vol. 16, 1967.
- Table of contents translated:
- Abdeladze, E. P., Mirzashvili, V. I. - Defining the western limits of the Nordmann fir, Abies Nordmanniana Spach, on the Trialet Range. p. 3.
- Malikashvili, V. I., Barbakadze, I. M. - Fruiting of the Iberian oak and its associates in the Borchom region. p. 9.
- Svaridze, M. A., Dzhikolant, T. G. - Types of dark green coniferous forests in the central part of the Rioni basin and the basis of forestry in them. p. 23.
- Gigaurl, G. N., Tugushi, K. I. - Chestnut stock structure in the Abkhaz A. S. S. R. p. 45.
- Tarashvili, N. G. - Biological activity of the soil of the fir groves in eastern Georgia. p. 53.
- Kashidze, T. V., Tarashvili, N. G. - Comparative characteristics of the coniferous forest litter in eastern Georgia. p. 60.
- Aramkharashvili, I. S. - Changes in the physical and water regulating properties of forest soils during their reclamation for growing agricultural crops. p. 68.
- Chagelishvili, R. G. - Effect of different cutting systems on the physical properties of the soils of mountain forests. p. 82.
- Khidasheli, Sh. A. - Intensity of growth of young stands of pine and fir on steep slopes and their effect on the surface flow in relation to gradual cutting. p. 98.
- Kapanadze, E. E. - Cambium activity and growth in height of some subtropical plants. p. 110.
- Blanchishvili, M. S. - Rhythm of growth and flowering and also the changes in the stored substances of some Mediterranean woody plants in the Tiflis and Batumi botanical gardens. p. 124.
- Lobzhandze, F. D. - Structure and physicochemical properties of timber from Pinus kamata Sosn. under different growth conditions. p. 136.
- Chitashvili, S. Sh. - Silvicultural and economic effect of improvement cutting of different intensities in beech stock depending on the steepness of the slope. p. 146.
- Goferidze, R. S. - Some results of group selection logging in the pine forests of the Gori experimental demonstration tree farm. p. 159.
- Egarev, K. V. - Nutritive value of grass and significance of pasturage of cattle in the mountain forests of Georgia. p. 179.
- Kanchaveli, G. I. - Natural growth of walnut in the Georgian S. S. R. and measures to manage it. p. 181.
- Charelishvili, A. K. - Experiments on the effect of mineral foliar feeding on the growth of chestnut, green ash, and black pine seedlings. p. 198.
- Kukhtadze, G. I. U. - Use of herbicides in weed control on tree farms in the Georgian S. S. R. p. 203.
- Godentko, A. A., Malashvili, G. G. - Deciduous stock in the Kolchida Lowland and the possibility of its use in the cellulose and paper industry. p. 212.
- Gogoshidze, I. A. - Method of determining the number of trees in a stand. p. 223.
- Manchulidze, A. K. - Age-related structure of the virgin beech forests of Georgia. p. 229.
- Popov, I. D. - Age-related structure in uneven-aged beech stands in the Akhmeta tree farm. p. 235.
- Dzhaparidze, T. M. - Process of natural renewal in the spruce and fir stock in Georgia depending on the system of cutting. p. 259.
- Berasvili, B. G. - Decorative garden forms of woody species in the gardens and parks of Tiflis. p. 274.
- Shahmashvili, I. M. - Multicon form of Pinus sasanowskyi Nakaii. p. 280.
- Morozova, G. A. - Biology of the vegetative organs of bamboo. p. 285.
- Dvishvili, O. I. - Hydrophysical and some chemical properties of forest soils and soils covered with agricultural crops in Upper Imeretia, Georgian S. S. R. p. 294.
- Chodirashvili, I. I. - Nut-bearing trees. p. 304.
- Urushadze, T. F. - Extent of knowledge about brown mountain forest soils. p. 310.
- d. PLANT CULTURE
- MOSCOW. VSESOUZNYI NAUCHNO-ISSLEDovATEL'SKII INSTITUT ZERNA I PRODUKTOV EGO PERERABOTKI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF GRAIN AND GRAIN PRODUCTS. Transactions]. No. 56, 1968.
- Table of contents translated:
- Gutlin, A. V., Porvov, B. P. - Improvement of the receiving devices on typical C-5 lines. p. 3.
- Sordukov, P. I., Balubakova, S. G., Kiseleva, A. V. - Treatment of wheat with lowered initial moisture. p. 10.
- Portnovskii, E. S., Lormann, N. D., Khilger, Kh. I. - Study of the contact charging of little-tilled seed grain products. p. 19.
- Kilnovskii, A. D. - Effect of the rotation speed of the working organs of a corn sheller on different indices of damp corn shelling. p. 20.
- Rizantseva, M. I., and others. - Methods of drying castor beans in active ventilation installations. p. 41.
- Apod, A. I., Dalid, Z. I. - Some characteristics of the physicochemical properties of rough rice. p. 63.
- Shukhlov, A. F., Antukova, Z. F. - Technological properties and chemical composition of groats of domestic rice varieties. p. 60.
- Akiva, S. I., Mol'nik, B. E. - Postharvest treatment and storage of seeds of leguminous crops. p. 67.
- Popov, N. I. A. - Some characteristics of the postharvest treatment of peas, fodder, beans, vetch, and soybeans. p. 78.
- Zafrov, S. Z., Shvelsova, I. A. - Obtaining the protein concentrate of peas by a pneumatic separator. p. 88.
- Makarov, V. V., and others. - Hygroscopic properties of the anatomical parts and the critical moisture of pea, fodder, bean, and lupinus seeds. p. 97.
- Davta, V. D., Zolinskii, G. S. - Method of determining the moisture of separate millet grains. p. 109.
- Zakladnoi, G. A., Itanova, V. F. - Development and study of the optimum doses of radiation disinfection of grain against the granary weevil. p. 116.
- Potekhin, E. V. - Possibilities of utilizing grain subjected to the effects of gamma radiation for disinfection purposes. p. 126.
- Avorklava, M. N., Vakar, A. D. - "Strength" of wheat and changes in the physical properties of the dough in the process of bread preparation. p. 133.
- Kasumov, G. K. - Effect of irrigation and fertilization on the biochemical and physical properties of some sorts of Azerbaijan wheat. p. 142.
- Davta, V. D. - Search for new methods of evaluation of millet during drying. p. 149.
- Kravtsova, B. E., Kononov, N. P. - Changes in the methods of corn sample selection from the ears in a truck load of corn. p. 156.
- TASHIKENT. VSESOUZNYI NAUCHNO-ISSLEDovATEL'SKII INSTITUT KILOPOKOVDSTVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF COTTON GROWING. Transactions]. No. 14, 1968.
- Problems of land reclamation and irrigation in cotton growing.
- Table of contents translated:
- Lunev, V. G. - Properties of soils with dense, low water penetrable gypsiferous interlayers in the southern part of the Golodnaya Steppe. p. 3.
- Polonova, T. P. - Design of a closed horizontal drainage system. p. 37.
- Legoslav, V. M. - Leaching irrigations for saline soils. Drainage work during leaching. p. 42.
- Kiseleva, I. K., Kim, A. G. - Changes in land reclamation conditions in the Anu-Karakul Canal zone. p. 62.
- Kiseleva, I. K., Litshits, E. A. - Characteristics of water usage in Khorezm Province. p. 68.
- Medina, M. P., Nasyrov, M. I. - System and technique of irrigating cotton sown in wide rows. p. 87.
- Kurbanov, M. - Study of the irrigation system for cotton plants on newly reclaimed lands of the Karshi Suppe. p. 104.
- Gildiev, S. A., Ismailov, M. Kh. - Irrigation system for fast ripening sorts of cotton. p. 112.
- Nabikhodjaev, R. S. - Effect of various systems of irrigation on the microclimate of a cotton field. p. 121.
- Saitarov, F. M. - Cotton irrigation system by spraying on meadow soils with a nearby supply of fresh groundwater. p. 128.
- Lifshits, E. A., Abdurazakov, K. - Effect of lucerne on the land reclamation conditions of newly reclaimed heavily saline lands of the Golodnaya Steppe. p. 143.
- Lifshits, E. A., Abdurazakov, K. - Effect of manure on the land reclamation conditions of the soils of the Golodnaya Steppe. p. 153.
- Davli, K. A. - Land reclamation properties of some fertilizers used for saline soils. p. 158.
- Ashurmatov, L. - Effectiveness of deep cultivation depending on the water and nutritive conditions of the soil. p. 164.
- (DNAI)
16. TECHNOLOGY
- a. GENERAL
- BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po nadzoru za bezopasnyim vedeniem rabot v promyshlennosti i gornomu nadzoru [State Committee of the Council of Ministers of the R. S. F. S. R. for Safety Inspection in Industry and Mining]. Moscow, vol. 12, no. 4, Apr. 1968.
- Table of contents translated:
- Groat force of Leninist ideas. p. 1.
- Arshava, V. G., Parionchuk, A. M., Telichko, Z. N. - Problem of preventing sudden outbursts of coal and gas in mining steep pitching seams in the Central Region of the Donets Basin. p. 3.
- Solov'ev, P. M., Khelits, S. A. - Further development of principles in making plans to eliminate accidents. p. 7.
- Khoruzhii, I. U. T. - Mining of coal seams presenting no sudden outburst hazards. p. 11.
- Karpov, A. M., and others. - Operational safety during the drilling of boreholes and the mechanized mining of steep and gas-containing coal seams. p. 12.
- Senchenko, I. S. - Ice formation in the channels of ventilating systems worsens mine ventilation. p. 16.
- Borichev, N. I., Fidelev, A. A. - Problems of air conditioning in coal mines of the Donets Basin. p. 17.
- Izrael', S. A. - Ways of improving the ventilation of development workings and stopes. p. 19.
- Tokarskii, L. I., Burlakov, V. I. - Causes of accidents in ore mining and rock material industries of the Ukraine. p. 24.
- Srokin, P. M. - Planning to redesign alkylaton units. p. 26.
- Murtazin, M. V., Saltbatlova, A. F., Zhuchkov, N. S. - Preventing ruptures of equipment for circulation systems on boring rigs. p. 28.
- Titov, V. P. - Servicing crane booms with the aid of traveling rigs and repair sites. p. 30.
- Ivashchenko, V. I., and others. - Safety of mining operations ensured by the PVU-2 equipment. p. 33.
- Eschenko, V. M., Borovkov, V. P. - Experience in using metal-arch linings in coal mines of the Frunzeuzul Trust. p. 35.
- Machula, I. U. A. - Party organization and problems of labor safety. p. 38.
- Lazikov, L. A., Kalinichenko, F. A. - Flowsheet for fireproof loading of the technological process

with kerosene, p. 41.
 Rimin, I. A. - Coverage of the maximal current protection in mine electric networks, p. 43.
 Compulsory list of means for the protection of apparatus and equipment against accidents in coal mines, p. 44.
 Demblor, S. D. - Flammability of vibration during the burning of natural gas in a fuel boiler, p. 49.
 Igniting inflammable mixtures with separate impacts, and modeling of sparking processes, p. 49.
 Rastorguey, M. A. - Semi-automatic rod loader, p. 51.
 Sokolov, S. I. A. - Protective barrier with remote control, p. 51.
 At the enlarged session of the Committee of the State Mining Inspection of the U. S. S. R., p. 57.
 Nikitin, V. S. - Fifth International Congress on the Prevention of Accidents and Occupational Diseases, p. 58.
 Seminar on problems of investigating accidents, accounting for estimates and analyzing industrial injuries and accidents, and also pulling periodic reports in order, p. 65.

GELIOTEKHNIKA [SOLAR ENERGY ENGINEERING], issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.], Tashkent, no. 1, 1966.
 Table of contents translated:
 Indovner, T. M. - Dependence of the density of a short-circuit current of silicon photocells on the angle of incidence, p. 3.
 Kufina, M. D., and others. - Possibility of producing cascade photocells, p. 9.
 Aparist, H. R., and others. - Solar power stations, p. 21.
 Dudko, I. U. A. - Calculating the concentrator - collector systems with plane collectors, p. 29.
 Zarubin, V. S., and others. - Geometry of film concentrators with radial joints, p. 37.
 Shekhtin, A. V. - Use of selective coatings in solar thermoelectric generators, p. 42.
 Baltrukov, K. B., Achilov, B. M. - Effect of the coefficient of heat transfer and of the cover shade factor on the heating capacity of a solar energy boiler, p. 49.
 Vardinehvil, A. B. - Studying the optical and technological characteristics of a solar flux diather, p. 53.
 Lukomskii, S. M., Edilkin, E. H., Korotkov, A. M. - Thermoelectric heating and cooling devices, p. 66.
 Shadrina, K. - Expanded program of heliotechnological sections in Tashkent, p. 70.

CORIKY, POLITEKHNIICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions], Vol. 23, no. 2, 1967.
 Table of contents translated:
 Kirilov, A. G. - Method for stabilizing and increasing the quality of control of linear a. c. servo systems, p. 4.
 Krikov, R. N. - Static characteristics of reversing thyristor-controlled drives, p. 6.
 Laptev, A. N. - Electrical drive with power-type and intermediate magnetic amplifiers, p. 15.
 Khvalov, S. V. - Use of asynchronous rectifier stages in generator systems, p. 18.
 Chervoniy, E. M. - Reliability and redundancy in systems supplying power to enterprises, p. 23.
 Novskii, S. E. - Designing of transformers with excitation; calculation of regulatory range, p. 27.
 Achil'deva, E. S. - Special features of transient processes in excited regulators, p. 31.
 Glavilov, V. A. - Performance of an idle regulated ferroresonant voltage stabilizer, p. 35.
 Pokrovskaya, G. M. - Calculation of the characteristics of dual magnetization of a magnetic circuit with an air gap, p. 40.
 Evstigneveva, T. A. - Special features of the operation of even multiple ferromagnetic frequency multipliers without d. c. excitation circuits, p. 44.
 Musheghyan, Kh. A. - Calculation of an electrical circuit with regulated choke taking into account upper voltage and current harmonics, p. 49.
 Chelilakov, V. V. - Elements of the design of an excited transformer with an air gap in its shunt, p. 54.
 Popov, V. I. - Power and principles of the design of single-machine frequency converters with integrated electrical and magnetic systems, p. 60.
 Dianova, N. I. A., Vorob'eva, I. T. - Three-phase two-element ferromagnetic frequency divider, p. 66.
 Frolov, V. T. - Static ferromagnetic pulse-shaping device, p. 69.
 Gantsevskaya, A. S. - Optimal electromagnetic mode of a regulated choke, p. 74.
 Popov, V. I. - Optimal electromagnetic mode of a transformer regulated by excitation of two elements, p. 80.
 Mineev, V. I. - Study of a high-frequency cascade static frequency quadrupler with ferrite cores using an analog computer, p. 84.

IRKUTSK, POLITEKHNIICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions], Nos. 32-34, 1967. Series in mathematics.

Table of contents translated:
 Aronov, H. M. - Two-parameter manifold of pairs of intersecting curves on a plane, p. 3.
 Antonov, I. U. M. - Equiflax theory of a pair composed of a rectilinear congruence and a two-parameter manifold of pairs of intersecting plane curves, p. 11.
 Vasilin, V. V. - Proof of the theorem of existence of a solution for a class of systems of external differential equations, p. 18.
 Vasilin, V. V. - Set of submanifolds in triples of nonholonomic surfaces, p. 26.
 Makarov, Z. P. - A two-parameter manifold (A, B, b), p. 40.
 Mashanov, V. I., Monogorova, M. I. - Laxian images linked with one-parameter manifolds, p. 54.
 Mashanov, V. I. - Theory of a surface strip of Lobachevskii, Euclidean, and Riemannian spaces, p. 64.
 Riklin, V. R. - A manifold of second-order curves in Euclidean space, p. 61.
 Skruzhava, D. Zh. - A two-parameter manifold of pairs (b, m) on a plane, p. 87.
 Tulupov, T. I. - Partial classes of complexes of straight lines in S, as characterized by the properties of ruled surfaces enclosed in them, p. 98.
 Volkov, V. I. - Finding an exact partial periodic solution for a certain type of nonlinear differential equations, p. 107.
 Lebedev, A. G. - Approximate determination of the inverse operator in studying nonlinear systems by the Newton-Kantorovich method, p. 113.
 Lebedev, A. G. - Operational method for determining the iterative correction in Newton-Kantorovich's method, p. 121.
 Narazeko, T. I. - Stability of difference schemes approximating Volterra type integrodifferential equations, p. 131.
 Kestorin, M. A. - Use of statistical methods in studying root shifts in hyas of flots, p. 139.
 Shchekavskii, I. V. - Construction of complex wide-angle perspectives, p. 148.
 Shchekavskii, I. V. - Reconstruction of perspective images, p. 157.

IZOBIETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER], issued by Vsesoyuznoe obshchestvo izobretatel' i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters], Moscow, no. 112551, 1967.

Table of contents translated:
 Salute the victors, p. 1.
 Stroganov, A. - Suitable motortruck, p. 3.
 Brief news, p. 4.
 Kolin, P. - Automatic screwdriver, p. 5.
 Meslin, E. - Russian cycle, p. 6.
 Advertising board, p. 9.
 El'shanskii, I. - If I did not see it myself... p. 10.
 Ukhazov, A. - Concrete radiators, p. 13.
 Brance, K. - Squabble concerning the laser, p. 15.
 Shilova, M. L. - In your lawyer's office, p. 15.
 Usov, D. - Ice prevents freezing, p. 16.
 In the Central Council of the All-Union Society of Inventors and Innovators, p. 17.
 Danilov, A. - A man as an orchestra, p. 18.
 News from various countries, p. 20.
 Musheghyan, G., Tarkhanovskii, V. - Invisible action, p. 22.
 Peryt, I. A. - It is worthwhile to be an inventor, p. 23.
 Vozrovskii, S. - Director by position, designer by disposition, p. 24.
 Shronok, I. - Overcoming a psychological barrier, p. 25.
 Kosh, I. - Conical valve innovators, p. 25.
 Ritsenko, P., Demchenko, D. - Summing up and thinking about the future, p. 28.
 Dmitriy, V. - Criticism is needed, p. 27.
 Concealed-achiever, p. 28.
 Teplov, L. - Concerning Utopias, p. 30.
 Readers' letters, p. 31.
 Vinogradov, V. A. - Aiming sharply, p. 32.
 Smirnov, G. - Master of optimum solutions, p. 34.
 Morev, V. - Gun fires off rocket engines, p. 40.
 For fields and farms, p. 40.

No. 1(257), 1968.

Table of contents translated:
 Shchukov, V. - Days of relaxation and creative activity, p. 1.
 Iranov, A. - Range of keen topics, p. 2.
 Sergeev, E. - A cutting machine tool, p. 3.
 El'shanskii, I. - Gases on a rolling mill, p. 4.
 Vasil'ev, B. - Electric haze is beneficial to the tool and worker, p. 6.
 Dedkov, V. - Salted filo, p. 7.
 Concealed-achiever, p. 8.
 And caveholes, p. 9.
 Dragin, V. - Amateurs started it, p. 11.
 Bettinson, M. L., Pavlov, V. - Try to prove it, p. 13.
 Readers' letters, p. 14.
 Klimentko, N. - Confusing tings, p. 15.
 Chuklo, I. - They should obey the ruler, p. 16.

Drawing hatches, circles, and figures with the same tool, p. 19.
 Advertising board, p. 20.
 Stroganov, A. - Gas mold, p. 21.
 Smirnov, G. - Royce and Rolls created the Rolls-Royce cars, p. 24.
 News from various countries, p. 28.
 Bogalyev, V. - Drowning people are fished out, p. 32.
 Volodin, V. - A cutter stops bleeding, p. 33.
 Medvedev, I. U. - They are not sawing but twisting, p. 34.
 Information on the most popular materials published in the periodical in 1967, p. 35.

LENINGRAD, LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions], No. 61, 1967. Problems of the economics and organization of the chemical industry.

Table of contents translated:
 Smolitskii, V. S. - Introducing new lines of production in the chemical industry, p. 3.
 Chekmarev, M. A. - Attaining planned economic efficiency of chemical enterprises, p. 8.
 Smolitskii, V. S. - First stage in reaching the planned production capacity of a new enterprise, p. 15.
 Afanogenova, E. N. - Ways of reducing the time needed for the adoption of new drugs, p. 19.
 Tori, E. M. - Methodology of planning and calculating expenses for experimental work, p. 22.
 Davidovich, S. K. - Determining the automation level of the chemical industry, p. 28.
 Davidovich, S. K. - Some methodological questions of modeling problems in establishing an optimal plan of utilizing equipment, p. 38.
 Romanova, O. V. - Adopting some economic and mathematical methods to determine the caused potential of increase in the volume of rubber technical products, p. 46.
 Veishtin, V. S. - Indices of utilization of production capital assets in the chemical industry, p. 52.
 Vorshilin, V. S. - Efficiency index of utilizing production capital assets in specialized branches of industry, p. 55.
 Kozlovskaya, G. F. - Algorithm of direct calculation of the production capacity of a rubber footwear plant, p. 58.
 Kuznetsova, G. F. - Experience in applying the simplex method and electronic computers for calculating the production capacity of rubber mixing equipment, p. 65.
 Ilyuzgalova, E. V., Naimov, V. F. - Utilizing econometric methods in determining the optimum content of useful matter in the initial raw material, p. 71.
 Nalarov, V. F., Ilyuzgalova, E. V. - Technical and economic evaluation of the raw material base in the production of polyhydric alcohols, p. 81.
 Zhukov, V. A. - Investigating the effect of temperature on the process of pyrolysis of the organic volatile matter of peat, p. 80.
 Fainberg, V. S. - Prospects of producing coke for the manufacturing of carbon electrodes from oil and shale tar, p. 101.
 Zhukov, V. A., and others. - Efficient ways of industrial, communal and domestic gas supply in Siberia on the basis of local coal deposits, p. 84.
 Tor-Akopants, L. D. - Investigating the products of low-temperature carbonization of coals with a high discharge of volatiles, p. 122.

No. 66, 1967. Some problems of mechanical and structural engineering, p. 3.

Table of contents translated:
 Kirilov, I. N. - Selection of arrangements of reducing and multiplying gears composed of 3-step differential mechanisms, p. 3.
 Kirilov, I. N., Ivanov, A. N. - Utilized steel for loading gears by the closed method, p. 21.
 Barshevskii, D. N. - Comparing results in calculating the angling of hydrotechnical installations with actual observations, p. 35.
 Barshevskii, D. N. - Unidimensional problem of consolidation for soils with a variable modulus of deformation depending on the depth, p. 65.
 Zelenski, B. D. - Method of calculating the effect of jointing on the deformation properties of rock masses, p. 82.
 Bolotnik, M. S., Sintzovna, T. N., Tkach, G. I. - X-ray examination of ground VTZ-1 alloy, p. 71.
 Bolotnik, M. S., Prokhorov, S. T. - Examination of the ground VTZ-1 alloy, p. 70.
 Prokhorov, S. T. - Electrographic study of ground (Bamun alloy), p. 85.
 Pavlov, I. A. - Experimental determination of friction coefficients of some friction materials, p. 89.
 Rappe, I. U. S. - Calculating wear and tear of the safety valve in the chemical machinery industry, p. 97.
 Larovskii, K. T. - Method of studying the effect of cooling temperature application on the parameters of the operating cycle of internal combustion engines on the basis of the theory of similarity, p. 106.
 Larovskii, K. T. - Method of studying the effect of

- Combustion engines on the basis of the similarity. p. 109.
- G. - Classification of factors and ramp-up working conditions affecting work output.
- POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Truly Technic Institute. Transactions.** No. 268, 1987. - The exhibition bears witness to the experience of the economic reform. p. 4.
- Nikolov, S. - The exhibition is of interest to everybody. p. 7.
- Plonskiy, V. - New developments in the "Petroleum Industry" Pavilion. p. 9.
- Stranghenyev, V. - Welded joints. p. 11.
- Dobruskiy, E. - Evaluating designs of residential and communal structures. p. 12.
- Arkhangel'skiy, O. - Estonian innovator Einar Kanila. p. 14.
- Less expensive, more comfortable and quicker. p. 16.
- Tower of the Leningrad Television Center. p. 18.
- E-1002 universal excavator. p. 19.
- Barayev, A. - New system of agriculture in the grain regions of Kazakhstan. p. 20.
- Zaritskiy, V. - Five-day workweek for animal breeders. p. 23.
- Chekchinskaya, E. - For coal as well as wool and meat. p. 24.
- Machines for fields and farms. p. 26.
- Korotkiy, L. - Creative meetings in the "Soviet Culture" Pavilion. p. 27.
- Eldinov, A. - "Baika" publication at the Exhibition of Achievements of the National Economy of the U.S.S.R. p. 28.
- Andreev, Ili, Kolobov, G., Lysov, Ii. - Electrolytic titanium and vanadium coatings from molten salts. p. 29.
- Tsvetkov, V. - Efficiency promoters are demonstrating and explaining. p. 31.
- Seregin, L. - Human work for the welfare of mankind. p. 32.
- NOVOCHERKASSK. POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Truly [POLYTECHNIC INSTITUTE. Transactions].** Erivan, vol. 170, 1987. Physics of semiconductors; zone melting with a temperature gradient.
- Table of contents translated:
- Iozovskii, V.N. - Role of travel of the zone during zone melting with a temperature gradient. p. 5.
- Iozovskii, V.N., Nikolaeva, E.A. - Kinetics of reducing impurity concentrations in a semiconductor crystal by the zone melting method with a temperature gradient. p. 13.
- Nikolaeva, E.A., Iozovskii, V.N. - Changes in the electrical properties of silicon during impurity concentration reduction by the method of zone melting with a temperature gradient. p. 20.
- Iozovskii, V.N., Gershanov, V.IU. - Effect of donor impurities on gold solubility in silicon. p. 23.
- Udanskaya, A.I., Iozovskii, V.N. - Changes in the thickness of a plane zone during zone melting with a temperature gradient. p. 26.
- Udanskaya, A.I. - Studying zone melting with a temperature gradient in the system silicon-aluminum. p. 31.
- Nikolaeva, E.A. - Zone melting with a temperature gradient in the system silicon-silver. p. 40.
- Iozovskii, V.N., Nikolaeva, E.A. - Studying the mechanism of silicon crystallization from a melt by the zone melting method with a temperature gradient. p. 49.
- Iozovskii, V.N., Udanskaya, A.I. - Aluminum solubility in single crystals of silicon. p. 54.
- Nikolaeva, E.A., Novopriyemskii, V.S. - Effect of the configuration of a temperature field on the character of the zone movement during zone melting with a temperature gradient. p. 56.
- Papov, V.P., Iozovskii, V.N. - Instability of linear zones during zone melting with a temperature gradient. p. 58.
- Iozovskii, V.N., Pollova, N.F. - Investigation of silicon diffusion in liquid silver. p. 64.
- Pollova, N.F., Iozovskii, V.N. - Silicon diffusion in liquid aluminum. p. 68.
- Udanskaya, A.I., Shevchenko, M.S., Kolomoets, S.Zh. - Studying the diffusion of impurity atoms from a finite thickness layer into an unaltered silicon crystal. p. 71.
- Boydarenko, A.V., Bolyshev, A.N., Zharid, E.F. - Using acoustic waves in the treatment of silicon and other solid brittle materials. p. 75.
- Kukoz, F.I., Boydakov, V.I. - Semiconducting properties of anodically formed silver oxides. p. 76.
- Kukoz, F.I., Ostapchuk, N.IU., Skolozubov, M.F. - Solid-phase transfer of oxygen in silver oxides. p. 84.
- PROVYSILENNOST' ARMENII [INDUSTRY OF ARMENIA].** Issued by Sovet narodnogo khoziaistva Armianskii SSR [Economic Council of the Armenian S.S.R.]. Erivan, vol. 10, no. 12, 1987.
- Table of contents translated
- Towards new achievements. p. 3.
- Paton, B. - Contribution of Ukrainian scientists. p. 5.
- Sagradian, A. - Overall treatment of iron ores of the Svanetskoyskoye deposit. p. 7.
- Akopian, A., Bolakchelian, M., Dadolian, V. - Continuous acetalation of polyvinyl alcohol fibers. p. 9.
- Movsesjan, R., Pikalov, A., Papian, V. - Modulation and demodulation of light on a frequency of 850 m.e. p. 12.
- Kulikov, A.V. - Space charge waves in solid electronic circuits with varying cross section and periodically changing velocity of electrons. p. 108.
- Skalovskii, M.S. - Notes in multiplying klystrons. p. 116.
- Korotkiy, S.A. - Effect of a space charge on the fluctuation of amplitude and phase of current harmonics in a transit klystron. p. 124.
- Korotkiy, S.A. - Fluctuation characteristics of two-resonator amplifying klystrons. p. 133.
- Arzumanyan, V.M. - Analysis of synchronous and phase detector circuits. p. 142.
- Neiman, I.U. - Duration of the fronts of impulses in a circuit of a push-pull transistor power amplifier. p. 147.
- Neiman, I.U. - Nonlinear distortions dependent on periodically repeating transients in class B power amplifiers. p. 158.
- Korotkiy, G.P., Neiman, I.U., Shtits, A.A. - Automatic gain control circuit using transistors. p. 168.
- Tamir, D.L. - Spectral features of the distortions of a single-band high-frequency signal in a common grid amplifier circuit. p. 173.
- Kukharov, V.G. - Operating mode of a generator of fading high-frequency oscillations using a triatron. p. 178.
- Volodin, V.V. - Frequency stability of single-stage high-frequency generators for induction heating having transformer coupled loads. p. 190.
- Volodin, M.P., Shtits, A.V. - Supercritical-dynamo radioparameter and crystal for studying electronic paramagnetic resonance in crystals at liquid helium temperatures. p. 198.
- МОДЕЛИСТ-КОНСТРУКТОР [DESIGNER OF MODELS].** Issued by TsK V.I.KSM [Central Committee of the All-Union Communist Youth League of Lening]. Moscow, vol. 3, no. 8321, Aug. 1968.
- МОСКОВ. ВСЕОБЩЕОБРАЗОВАТЕЛЬНЫЙ ПОЛИТЕХНИЧЕСКИЙ ИНСТИТУТ. Sbornik tradov [ALL-UNION CORRESPONDENCE POLYTECHNIC INSTITUTE. Papers].** No. 39, 1987.
- Table of contents translated:
- Chumachenko, M.N., Khabarova, N.A. - Pyrolytic decomposition of organic substances containing oxygen. p. 5.
- Katinskii, V.M., Chumachenko, M.N., Khabarova, N.A. - Thermodynamic analysis of a direct determination of oxygen in organic compounds. p. 9.
- Katinskii, V.M., Chumachenko, M.N., Khabarova, N.A. - Thermodynamic analysis of a direct determination of oxygen in organic compounds in the presence of chlorine gas. p. 17.
- Kuznetsov, V.I., Budanova, L.M., Nennasheva, L.A. - Absolute sensitivity of analytical reactions. p. 22.
- Lobanova, E.F., Kleshel'skaya, E.I., Korchenokova, L.I. - New method for determining the sensitivity of the reactions of some organic reagents with aluminum. p. 33.
- Lobanova, E.F., and others. - Determination of gamma index of the absolute sensitivity of reactions of some organic reagents with nickel. p. 40.
- Lobanova, E.F., Kleshel'skaya, E.I., Korchenokova, L.I. - Gamma index of the sensitivity of reactions of arsenazo I, aluminum, purpurin, homaloxylin with aluminum. p. 46.
- Miskhova, T.A., Viskova, N.A., Kulotarsova, K.N. - Kinetics of reactions of metallic sodium with the homogeneous systems valeric acid - water and benzene - valeric acid - water. p. 55.
- Miskhova, T.A., Chorokhova, E.V. - Behavior of iron in the tertiary homogeneous systems benzene - butyric acid - water. p. 58.
- Stroeva, S.S., and others. - Effect of the adsorption of propylene and oxygen on the work functions of an olefin of a bismuth-molybdenum oxide catalyst. p. 62.
- Katinskii, V.M. - Reactions in thoriated tungsten and thoriated molybdenum. p. 67.
- Lebenov, R.V., Pugachovich, P.P. - Apparatus for measuring the surface tension of alkali metals and their alloys. p. 74.
- Kurinnol, V.I., Komarova, T.A. - Aggregation of electrolytic powders of copper. p. 80.
- Mal'nikov, A.Kh., Neslorovitch, N.M. - Studies in the field of peroxide chemical absorbers. p. 85.
- Sinitsina, N.D., Alekseev, G.V. - Machineless programming of laboratory studies in general chemistry. p. 90.
- Domenskaya, M.N. - Development of the theory of diffusion boundary layer of electrochemical processes. p. 99.
- МОСКОВ. ВЪСТАВКА ДОСТИЖЕНИЙ НАРОДНОГО ХОЗЯЙСТВА СССР. Informatsionnyi biulleten' [EXHIBITION OF ACHIEVEMENTS OF THE NATIONAL ECONOMY OF THE U.S.S.R. Information Bulletin].** No. 1, Jan. 1988.
- Table of contents translated:
- Abramov, V. - Exhibition of Achievements of the Soviet National Economy 1988. p. 2.
- V.A., Kurnet, A.V. - Studying the dynamics of costs on the volume of production in the presence of several unified articles.
- A.I. - Statistical analysis of the actual service of welding transformers. p. 88.
- V.V. - Preparing serial production and machine equipment for spare power. p. 93.
- K. - Organization of work for using the team in machinery manufacturing. p. 96.
- V. - Economic efficiency of repairing by replacing parts. p. 101.
- L.G. - Centralizing repair under the use of a large machinery manufacturing. p. 104.
- N., Tshuprov, K.K. - Practice in using of continuous operation and production in the instrument industry. p. 107.
- Radio electronics.**
- Table of contents translated:
- A. - Interaction of two traveling waves. p. 3.
- M., Kakhidina, V.M., Losov, V.L. - Single diode laser branching and coupling results. p. 8.
- V.M., Khushkevich, E.I. - Study of the use of helix diodes with mismatched loads.
- P., Ulrobin, O.B. - Characteristics of a retractor with a traveling-wave circuit surface. p. 20.
- I.A., Pavlov, D.A. - Measurement of the effect of multiterminal systems by determining the index of dissipation. p. 35.
- E.A., Zhukov, A.D. - Mutual coupling of elements in a linear array. p. 38.
- Dubinin, N.A. - Frequency division using diodes. p. 45.
- V.D., Molotkov, V.I. - Frequency dividers and diodes. p. 50.
- E.N., Kallionko, A.G., Molotkov, V.I. - Linear operation of a trigger stage using two diodes. p. 55.
- E. - Study of flicker noise of high-frequency diodes. p. 62.
- Shaping of pulses in a transistor block. p. 65.
- K. - Key-type regenerative frequency divider diode bridge in the feedback circuit.
- Interference rejection in the reception of signals with undetermined moment of arrival in the minimum noise. p. 70.
- I.Akustikin, A.S. - Interference rejection in systems with undetermined moment of arrival. p. 81.
- M.I. - Basis of a method of slowly varying diodes. p. 80.
- M.I. - Shortened equations describing the

- Manukian, N., Alvezian, V., Zurnachian, M. - Manufacturing technology of copper powder by direct recovery. p. 14.
- Avetisov, S. - Effect of material texture on the degree of enrichment of the crushed product. p. 17.
- Sukiasian, I.U., Barysheva, K. - Utilization of viniculture wastes as flotation reagents. p. 19.
- Pogosev, A. - System of ore crushing at the Kadzharan Dressing Plant. p. 21.
- Markas'ian, D. - Automation of oxygen installations. p. 23.
- Dzhanunov, A., Sherin, S. - Heat transfer in chambers during combustion of methane and hydrogen in an oxygen stream. p. 24.
- Dzhanderedzhian, G. - Coordinate curve. p. 28.
- Danielian, G. - Optimization of time between periodic overhauls of hydraulic turbines. p. 30.
- Bogdanian, R. - Economic efficiency of using bentonites in the ceramic industry. p. 34.
- Khacharian, G. - Some principles of establishing classifiers for materials. p. 34.
- Kasyarova, I., Ovanesian, E., Savinian, K. - Enterprises of the copper industry and prospects for their development. p. 38.
- Solvinazian, B. - Calculation as a basis for cost analysis. p. 38.
- Akopov, A. - Investigating effective ways of dealing with "difficult" grains in vibrator classification. p. 39.
- Iornelian, S. - Effects of prestressing on the formation of cracks in high-strength reinforced concrete. p. 41.
- Astvasatirian, Zh., Soropian, M., Eglazanova, L. - Vibrated blown-out gas sand-lime concrete from waste products of the Kadzharan Copper and Molybdenum Combine. p. 44.
- Kasabian, A., Aladzhanian, A., Kazartian, R. - Investigating contact rollers for band grinding. p. 46.
- Sarkisian, M. - Cements and concretes for winter concreting. p. 47.
- Khalilian, E. - Orbatekhekaya carbonated water. p. 49.
- Industrial Zangour. p. 51.
- Now developments in science and technology. p. 54.
- Papian, K. - Once more about unwanted equipment. p. 58.
- Dzhanvoladian, I. - At the map of our own Republic. p. 58.
- Primaizko, V. - Granite is a valuable facing material. p. 61.
- Oganessian, R. - Complex machining of annular T-shaped grooves. p. 62.
- Adzhemian, V. - Bench machine tool of increased precision. p. 63.
- Varianian, M., Isakian, S. - Ultrasonic pressing of plastic material powders. p. 64.
- Simonian, V.T.S. - The order-bearing technical school. p. 65.
- Melkonian, T. - Young workers with hands of gold. p. 66.
- Levay pny. p. 67.
- Shmakov, P. - Colors of the stereoscopic screen. p. 68.
- Grigorian, E. - Important factor for increasing the efficiency of production. p. 43.
- Tumantian, L. - Determining the structure of a power system based on the Araratian power system. p. 44.
- Bapian, V. - The first steps. p. 47.
- Akopian, R., and others. - Exposing moisture characteristics of light protective structures. p. 48.
- Barseghian, A. - Obtaining molybdenum from fluid systems. p. 51.
- Musaelian, G. - Selecting pipe materials for gravitational delivery conduits. p. 64.
- Agabekov, A. - Criterion of optimum efficiency of motor-vehicle transportation. p. 56.
- Durchianian, L. - Scientific development of architectural design of lighting systems. p. 58.
- News from plants, factories, construction sites. p. 61.
- At the Kirovakan Automatic Control Equipment Plant. p. 62.
- New developments in science and technology. p. 84.
- Magnetism and polymers. p. 67.
- Marie Sklodowska-Curie (on the centennial of her birth). p. 68.
- Scientific session. p. 70.
- Armaganian, A. - Chemical materials used at the "Masis" Shoe Factory. p. 72.
- Kazartian, R. - Universal programmed command device. p. 73.
- Sur, M., Karantian, R. - Planetary reductor with intercal engagement. p. 75.
- Gevorkian, S. - Bonus for metal waste collection. p. 76.
- PROMYSHLENNOST' BELORUSII [INDUSTRY OF WHITE RUSSIA]. Issued by Gosudarstvennyi planovoi komitet Soveta Ministrov SSSR and Verkhovnyi respublikanskiy sovet NIO [State Planning Committee of the Council of Ministers of the White Russian S.S.R. and the Supreme Republic Council of the Scientific Technological Society]. Minsk, vol. 10, no. 12(15), Dec. 1967.
- Table of contents translated:
- Align on the standard bearers of shock brigades. p. 1.
- Ierunov, P. F. - Scientific organization of labor, production, and control at the Rybinsk Engine Plant. p. 3.
- Perchonenk, I. M. - Scientific organization of labor in general services. p. 7.
- Prasov, B. G. - Organization of bookkeeping of intra-plant cost-accounting indices. p. 8.
- Bazhenov, P. T., Fomin, V. S. - Competition. p. 11.
- Vorobiov, A. M., Dubok, V. A. - Lida Plant and Varnish Plant is gaining in strength. p. 14.
- Balbitakht, M. M. - Some problems concerning the perfecting of price determination for general services. p. 14.
- Petrovich, E. I. - Perfecting equipment stock is an important unused potential in the increase of capital return. p. 16.
- Tamarkin, A. I. - Mechanization and automation of operative production planning by using electronic computers. p. 18.
- Vainstein, L. A., Trutsev, V. I. - Complete utilization of peat reserves. p. 20.
- Volchik, A. I. - Success of seasonal brick plants. p. 21.
- Sakhodolskii, V. M., Vrublevskii, V. I. - Experience of work under new conditions. p. 22.
- Tsivolod, V. P., Aldramovich, A. V. - Taking into consideration the range of the demand. p. 23.
- Starostinetskii, I. Sh., Petrovskii, A. A. - Precision increase in the rotation of precision spindle units. p. 24.
- Vydrich, V. I. - New automatic cutting machine. p. 26.
- Uchechuk, Z. M. - The most elastic material. p. 26.
- Semiot, G. M. - A laboratory three-stack electric furnace with an automatic temperature control. p. 28.
- Andrushchenko, N. F., and others. - Use of shallov-hardened carbon steel in manufacturing rear semi-axles of MAZ motor vehicles. p. 28.
- Dunskit, V. D., and others. - Powder preparation system with a fan-equipped mill attached to the boiler of the Belorusskaya State Regional Electric Power Plant. p. 31.
- Stroiles, A. G. - Cement dust is a valuable construction material. p. 31.
- RUST-3 unit and the UV-3 photographic enlarger attachment. p. 32.
- Sapan, G. A., Larovenko, V. S., Lapidus, G. S. - Protection of electric motors driving carding machines. p. 33.
- Stukach, S. A. - Newspaper lines are recoded through telecommunication channels. p. 33.
- Zapolskii, T. I. - Decreasing the electric power consumption of electromagnetic brakes. p. 35.
- Abrosimova, S. E. - Technological process of bleaching linen ravings. p. 37.
- Reviako, M. M., Bessalov, I. U. A. - Utilization of wastes of thermosetting plastics. p. 38.
- Runeis, M. A., and others. - Reconstruction of screw presses. p. 39.
- Skurko, V. V. - Multiaxle machine travelling on wheels in peat soils. p. 41.
- Makhnov, V. P. - Machine-tool for cutting "Kordont" interlayers. p. 42.
- Vanchukovich, V. F. - Centralization and flow-line arrangement in servicing motor vehicles. p. 43.
- Lapushina, B. I., and others. - Coal-stone flooring. p. 44.
- Volich, L. A. - Millions saved by innovators. p. 45.
- Bulko, F. T. - Technical information volunteers. p. 46.
- Gil'dinson, E. - It is for you, workers of the machine building industry. p. 48.
- Iashchoritsyn, P. I., Mainis, V. S., Olsender, L. A. - Certain cases of plastic deformation as a cause of loss of operating efficiency of ball bearings. p. 51.
- Zhukov, A. V. - Comparative evaluation of axle suspensions in low-franco trailers. p. 53.
- Darlovich, A. A. - Gluing together sheeling of various thicknesses. p. 54.
- Grigor'eva, N. I., Chislerov, V. V. - Thread tension on double twist spindles. p. 56.
- Ankhimuk, V. I., Mikhov, N. N. - Increase of the power factor of a bridge rectifier. p. 57.
- Petrovich, M. I., Glik, P. G., Kuz'mina, A. N. - Traffic control of city transportation with the help of electronic computers. p. 59.
- Snelkov, D. Z. - Information retrieval system of innovator suggestions. p. 60.
- STANDARTY I KACHESTVO [STANDARDS AND QUALITY]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 31, no. 12, Dec. 1968.
- Table of contents translated:
- Evsenko, E. - The new higher plane stage. p. 1.
- Shavich, A., Siltin, A. - Standardization of the chemical composition and methods of testing seen as a metrological problem. p. 6.
- Podosectskii, P. - Method and theoretical basis for the unification of products in the machinery construction industry. p. 9.
- Shifrin, M. - Standard requirements for seamless rolled wire. p. 11.
- Vorobov, N., Glushkov, G., Iur'eva, S. - On driving toothed chains. p. 15.
- Tsikuria, N. - Standardization and specialization in the manufacturing of sliding bearings. p. 16.
- Bogachev, I. - On the quality of forgings. p. 17.
- Ribushina, A., Kulikov, I. - Standardization and production to facilitate household work. p. 18.
- Miller, E. - Level gauges for fluids. p. 22.
- Novikov, I. U. - A fruitful collaboration. p. 23.
- Smychikov, M. - About the state of standardization in horticulture. p. 25.
- Cavrilov, A., Stoznov, L. - Mathematical modeling and precision calculation of some technological processes. p. 26.
- Mil'kin, A. - Some ways of optimization of the visual activity of the operator. p. 32.
- Malik, A. - Durability and precision of gear drives. p. 36.
- Politsyn, P. - Use of exponential law in determining the average life of electronic tubes and semiconductor devices. p. 37.
- Khalim, M. - The role of the reliability service in improving machine design. p. 38.
- Diagodinyl, V. - Accelerated testing for durability of sunil-modulo gear reducers. p. 39.
- Dolichenko, V., Kharkhi, M., Shlevyaki, N. - Operational potentialities of cast composites. p. 39.
- Kontorovich, V. - Investigating the reliability of well logging cable. p. 40.
- Pivkin, V., Timonov, L. - About the selection of controlled parameters. p. 41.
- Katalashinov, I. U. - Effect of the parameters of a control system on the readiness factor of the object. p. 44.
- Gutormann, A. - About one peculiarity in the application of the sequential analysis method. p. 45.
- Kogan, B. - The way to increase the reliability and durability of machinery industry products is group production technology. p. 46.
- Palot, L. - Improving the organization of quality control. p. 47.
- Sorin, I. A. - How to organize and conduct the work of standardization and reliability study rooms. p. 49.
- Brudnik, S. - Technical and economical evaluation of the reliability of automatic equipment. p. 62.
- Kuz'monko, A. - Economic basis of quality limits regulating standards for tubing. p. 65.
- Kholovitskai-Goz'dal, K. - Production quality constitutes an important problem of economics. p. 68.
- Shripova, T. - Economic efficiency resulting from the introduction of State Standard 11867-66. p. 69.
- Polushin, V. - On the standardization of types of secondary documentary information. p. 61.
- Saksonov, I. - The subject designating system should be excluded from design specifications. p. 64.

Vol. 10, no. 2, 1968.

Table of contents translated:

- Savin, L. - Results of compulsion. p. 3.
- Armenian Plastics Plant. p. 4.
- Outstanding plant of the petroleum machinery industry. p. 5.
- Barkhudarian, I., Arutunova, I. - Increasing the efficiency of the use of fuel in industrial furnaces. p. 8.
- Kachatrian, S. - Extensive use of synchronous motors in electric drive circuits. p. 11.
- Kostava, A., Meshulin, A., Unanin, Z. - Unsettling low-plasticity steels and alloys at high hydrostatic pressures. p. 14.
- Gevorkian, R. - Role of rubidium in the formation of basaltoid-series rocks in Central Armenia. p. 17.
- Avetisov, D. - Investigating time characteristics of regulators starting from direct measurement instruments. p. 21.
- Oganessian, M., Ivalova, K. - Production of new materials based on coralline rocks. p. 23.
- Mkrtichian, R., and others. - Porous rubber made of natural. p. 26.
- Melik-Akhmazarian, A., Talevosian, K., Kostantian, K. - Electric melting of milky glass. p. 28.
- Nezdorminova, N. - Some problems in the organization of balneological resorts. p. 30.
- Dzhanazian, S. - Creep of steel at high temperatures. p. 31.
- Tonolian, O., Kandakova, V., Karapetian, A. - Catalytic detoxication of gaseous production wastes. p. 33.
- Melkonian, G., Melikian, S. - Producing the KSFMI filtering powder. p. 35.
- Tumantian, T., Varianian, E. - Standards and quality. p. 38.
- Oganessian, V. - Increasing the efficiency of geological prospecting in the Kafan copper deposits. p. 40.
- Ter-Oganian, M., Kachikhan, B. - Efficiency of electrically heated high-weight concrete mixes. p. 42.

... Standards are serving men. p. 87.
... Why are standards not introduced? p. 87.

V. - Revising the standard for undressed belts. p. 71.
N. - Basic standardization organizations in the Soviet Union. p. 72.
... Committee of Standards, Measurements, and Testing Instruments at the Council of Ministers of the USSR. p. 73.
... Zaitsev, A. - Reorganizing standardization into a standardized and quality management system. p. 74.
... Gorbanov, I. - The history of the standard. p. 75.
... Pokrovskii, G. - Annual results. p. 76.
... Experience of the Kemerovo State Laboratory. p. 77.
Standard record file. p. 78.
K. - Kazakhstan. p. 78.
Takezhnikov, S. - Ust'-Kamenogorsk Zinc Kombinat named after V. I. Lenin. p. 79.
... The number of mines. p. 81.
... A bubbling, unique drink. p. 82.
Conference on Standardization in Poland. p. 83.
... The history of international standardization. p. 86.

URALS'KII POLITEKHNIЧЕСKII INSTITUT (URAL POLYTECHNIC INSTITUTE). No. 156, 1967. Problems of standardization. Table of contents translated:
L. - Free oscillations of shells having a hyperbolic paraboloid. p. 5.
V. V. - Design of wall beams resting on an elastic foundation. p. 16.
V. I. - Stability of continuous rectangular plates under biaxial compression. p. 21.
N. I. - Application of single series to the problem of constrained vibrations of shallow shells. p. 32.
A. A. - Design of shallow shells by the finite element method using a computer. p. 42.
V. V. - Use of the spectral function in the solution of some problems of stability and oscillations of shallow shells. p. 51.
N. I. - Determination of the critical load on a plate based on the theory of plates. p. 62.
L. P. - Use of the method of forces in the design of round plates with complex bearing. p. 73.
A. D. - Calculation of maximum length of a shell for an evenly distributed load. p. 84.
V. K. - Design of buttress girders. p. 82.
A. A. - Design of plates with a free edge. p. 93.
S. A. - Experimental study of the stability of thin shells with even Gaussian curvature. p. 104.
V. O. - Kolobov, V. V. - Experimental study of the operation of a diaphragm safety valve on oil switches. p. 100.
... Calculation of statically indeterminate systems by the improved method of successive approximations. p. 111.
A. - Dynamic calculation of three-dimensional systems by the method of balancing nodal displacements. p. 120.
A. - Designing triangular frames by the finite element method. p. 131.
M. - Design of reinforced concrete rods for the boring of mines. p. 140.
S. A. - Pogorelov, R. I. - Calculating the strength of multistage frames for horizontal loads. p. 147.
I. L. G. - Stability of frames beyond the elastic limit. p. 152.
A. - Stability of flat bent wooden beams under the elastoplastic modulus. p. 162.
V. V. - Comparing results of field and laboratory studies on the compressibility of soils. p. 168.
Andreovich Bogitskii, 1894 - 1965; obituary. p. 179.

KALIA ESTETIKA (INDUSTRIAL AESTHETICS) by Vsesoiuznyi nauchno-issledovatel'skii tekhnicheskii otdel (All-Union Scientific Institute of Industrial Aesthetics). No. 5, no. 2, Feb. 1968. Table of contents translated:
... industrial samples are needed. p. 1.
... Artistic design of a dispatching center of a power plant. p. 2.
D. - From the practice of interior planning in clothing factories. p. 11.
Small scale construction items in the design of their design. p. 13.
V. E. - Received mail. p. 15.

... Color preferences as a basis for the choice of colors and the planning of the interior decoration of schools. p. 10.
Lapin, I. U., Ustinov, A., Shekhov, B. - Recommendations on aesthetics in industrial plants and areas. p. 10.
Kos'kov, M. - Contact of the designer with the industries. p. 24.
Sergeeva, F. - Decorative effects obtained with plastics. p. 25.
Chernovitch, E. - What is photography? p. 26.
Marts, L. - Preparatory course of the Higher Artistic and Technical School and of the Higher Artistic and Technical Institute; main section. p. 31.
Lapin, I. U. - In the Bulgarian Center of Industrial Aesthetics and Industrial Design. p. 34.

Vol. 5, no. 4, Apr. 1968. Table of contents translated:
The industrial designer and the industry. p. 1.
Sht'kov, V. - Soviet system of reporting on production quality. p. 2.
Koval'chuk, T. - Objective method for the evaluation of the ergonomic efficiency of products. p. 4.
Avramov, I. - Evaluation of the quality of products. p. 7.
Fedorov, V. - Layout and form of radioelectronic equipment. p. 8.
Chernovitch, E. - Graphic design abroad; short review. p. 12.
Zhdanova, L. - Japanese design and its creators. p. 15.
Kull, O. - Artistic design of electric household appliances. p. 26.
Kivir, Miroslav. - Methodological problems of ergonomics and industrial design. p. 24.
Vondra, V., Mil'kin, A. - International symposium on ergonomics. p. 30.
Marts, L. - Preliminary courses at the Higher State Art and Crafts Schools and the Higher State Art and Crafts Institute; main section, Part 2. p. 27.
Kull'ko, N. - Higher qualifications for industrial designers. p. 20.

VOPROSY IZOBRETEL'STVA (PROBLEMS OF INVENTION). Issued by Tsentral'nyi nauchno-issledovatel'skii institut patentov i informatsii i tekhniko-ekonomicheskikh issledovaniy [Central Scientific Research Institute of Patent Information and Technical Economic Studies]. Moscow, no. 4, 1968. Table of contents translated:
Correspondence of the Committee on Inventions with V. I. Lenin. p. 3.
Maksakov, I. U. E. - The results of the anniversary year. p. 13.
Antsev, G. N. - Characteristics of the subject of invention. p. 17.
Iavrtov, E. P. - Application for an efficiency promotion proposal. p. 24.
Tylekain, G. I., Ionova, O. V. - Problems of protecting inventions in certain developing countries and dependent territories. p. 20.
Shepelov, N. P. - Typical mistakes of applicants in filling out applications. p. 34.
Romanov, V. D., Zakacenberg, I. A. B. - Problems of input of patent information in computers. p. 38.
Lebedev, A. S. - Invention and efficiency promotion in a production unit. p. 42.
Kasparovich, P. P. - Course on patent problems at the Kaunas Polytechnical Institute. p. 46.
Malakhov, V. N. - Patent and production policy of the French firm "SIGMA". p. 50.
Zemlin, I. A. - Aulic's communication and Alimov. p. 53.
Bozakov, N. V. - A new form of reporting on inventions and efficiency promotion activity. p. 50.

No. 5, May 1968. Table of contents translated:
Artem'ev, E. I. - Soviet inventing activity under new economic conditions. p. 3.
Bakstov, V. N. - The prototype of an invention. p. 9.
Shtal'kov, V. P., Petrov, E. G. - On priority of exhibition. p. 14.
Shalilo, N. B. - Problem of validity of suggestions made by the engineering and technical personnel. p. 18.
Dubovskii, E. S. - Practice of examining the novelty of industrial designs. p. 21.
Polinkova, E. I. - Lenin's assistant. p. 27.
Grikovitch, R. N., Kolosnikov, A. P. - The use of diagrams of invention specifications in patent departments of enterprises. p. 31.
Medvedev, A. R. - Peculiarities in the language of patent descriptions in France. p. 35.
Tenshev, A. G., Levitskii, S. A. - Setting work norms in the examination of patent rights. p. 42.
Zait'sburg, M. I. - Patent protection by the Scientific Research Institute. p. 45.
Bush, G. O. - Some methods of solving inventive tasks. p. 48.

... ZA TEKHNIЧЕСKII PROGRESS [FOR TECHNOLOGICAL PROGRESS]. Organ of Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot and Sovet narodnogo khozaystva Azerbaidzhanskoi SSR [State Committee of the Council of Ministers of the Azerbaijan S. S. R. for the Coordination of Research and the Economic Council of the Azerbaijan S. S. R.]. Baku, vol. 3, no. 5(28), May 1963. Table of contents translated:
Mamukonov, A. G. - Determining the volume of information in telemonitoring and remote control systems of the oil and gas industries on the basis of algorithms of the operation and control of technological facilities. p. 1.
Ageev, K. P. - Problems of automation of drilling rigs. p. 4.
Gussakov, F. O., Bragimov, I. F. - Equivalent circuits of electric power systems of Transcaucasia. p. 8.
Abdulkhmanov, G. A. - Performance of an asynchronous motor from a network of nonsymmetrical and nonsinusoidal voltage. p. 11.
Altov, G. Sh. - Problems of recuperative braking of street cars. p. 13.
Altov, G. Sh. - Wear of deep well rod collars. p. 17.
Aylan-Zade, G. A. - Experimental and theoretical study of voltage changes in chromium baths for chromium-plating the plungers of subsurface pumps. p. 21.
Akhmedov, B. A., and others. - Completion of the production of 11 m³ slag-car buckets. p. 24.
Mirzoeva, S. M. - Use of rubber parts of oil field equipment. p. 28.
Veklov, R. G., and others. - Experience in the introduction of new drilling equipment in the Dashkasan expedition. p. 28.
Mamedov, A. I. - Mechanical calculation of gale supports used in offshore oil fields. p. 32.
Kuliev, I. P., and others. - Use of radioactive isotopes in the hydraulic engineering construction of offshore oil fields. p. 38.
Popov, A. P. - A new type of drill tip for drilling in pebble beds. p. 30.
Zdanovitch, V. G., Alekseev-Shemitskii, V. P. - Radiographic film of the Noflyanyye Kamai oil fields. p. 41.
Moldatov, D. M. - Scientific and technical information about the enterprises of the Azerbaijan S. S. R. p. 40.

Vol. 5, no. 5(53), May 1965. Table of contents translated:
Altov, T. M., Babaev, N. O. - Increasing the speed of digital tracking microcomputers with the use of discharge balancing. p. 1.
Rozovskii, N. I. - Automatic maintenance of pressure stability of compressed air in compressor stations of machinery plants. p. 6.
Mekhlilov, M. A. - Correlation analysis of catalytic dehydrogenation of butylene in divinyl in an adiabatic reactor. p. 9.
Khasmamedov, F. I. - Automatic regulation of combustion efficiency in tubo-still heaters. p. 12.
Mustafazade, M. A., and others. - Using linear programming for the reduction of pipe scrap. p. 14.
Mamed-Zade, N. A. - Methodology of the construction of slide rules with more than two supporting scales on the rules and slides. p. 17.
Kamil'zade, R. M. - Studying deep high-frequency communication channels by the methods of computer technique. p. 20.
Guseinov, F. G., Bekgullian, S. S. - Parameters of a synchronous motor along its lateral axis. p. 22.
Kullov, N. A. - Significance of improving the organization of tool production in the enterprises of the electrotechnical and instrument industries of Azerbaijan. p. 24.
Kasumbekov, I. S., Mamedova, Z. M., Dzhalalov, E. R. - Increasing the effectiveness of electric drilling with feeding electrodrills under the d. c. motor system. p. 27.
Ibrosevakli, F. M., and others. - Introducing diamond grinding of reamers in the plant named after F. Dzerzhinski. p. 30.
Agarov, N. M. - Threading of casing with a hard-alloy chaser. p. 33.
Altov, Z. G. - Stressed state of a tetrahedral pipe. p. 35.
Abduraghitov, S. A., Vershinin, I. M., Strel'sov, V. P. - Relative coefficients of pressure feed and efficiency of vane pumps in pumping of viscous fluids. p. 37.
Terterov, A. A., Shteynman, B. S. - Dynamics of suspended oil on the seashore of a river mouth; exemplified by the Kura River. p. 41.
Mamedov, R. G. - Improving the quality of water in the Bay of Baku for technical water supply. p. 44.
Yagacheva, E. P. - New selective varieties of Azorbatjan teas and their qualities. p. 46.

Vol. 5, no. 6(55), May 1968. Table of contents translated:
The new five-year plan is an important step in the struggle to create a material and technical base for

- communism, p. 1.
- Karav, R. A. - Code-pulse programming device with sequential operation, p. 3.
- Melik-Sakhnazarov, A. M., Savits, V. V., Turgiev, E. A. - Automatic digital device for measuring the frequency of an FM signal, p. 5.
- Kafarov, T. E. - Microscales for proportioning alkaline metals, p. 7.
- Akhmediev, G. I. - Selection of initial data for designing remote control systems of the currents of electrochemical installations, p. 10.
- Gasanov, F. G., and others. - Some calculation results of optimum extraction of oil from a pool using mathematical programming, p. 13.
- Daron, L. Z. - Optimum plan of specialization of plants in the Baku zone of the "Zhalezobeton" Trust of the Construction Ministry of the Azerbaijan S.S.R., p. 15.
- Guseinov, F. G., Abbasova, E. M. - Determining the characteristics and parameters of machines with solid magnetic circuits, p. 19.
- Salim-Zade, M. M., Alonski, K. N., Gasanov, R. M. - Stabilizing the voltage of a nonpolarizing electrode in increasing the accuracy of measuring voltages in the soil, p. 21.
- Qusamzade, P. H., Ibrahimo, Sh. A. - Start and self-start of machines supplying internal needs of large black power plants, p. 23.
- Kerimzade, A. S., Akhmedov, B. M. - Extrapolation limits of the endurance of metals, p. 25.
- Kengerli, A. M. - Investigating the performance of rod strings of a deep-well pumping unit during the initial period of strain, p. 29.
- Azhimov, I. A. - Use of wells and pits in mining rescue operations, p. 31.
- Imam-Zade, U. A. - Velocity of the bottom layer in a stream, p. 34.
- Mamedov, M. A. - Flow characteristics of a hydraulic fluid in open streams with smooth channels, p. 35.
- Gol'dblat, L. I., Dzhushevdov, S. G. - Investigating the effects of the ambient air temperature on the technical and operational performance of a gas-cylinder motor vehicle operating on liquefied petroleum gas, p. 39.
- Akhmedov, K. M., Garibov, I. M. - Method of removing sulfuric dyes from waste waters of the dye shop at the Baku Textile Combine named after V. I. Lenin, p. 41.
- Rustamov, M. A., Nabili, A. D. - On the present state and development of capital assets in the Azerbaijan dairy industry, p. 44.
- Mukhtiev, D. M. - Problems of mechanization and automation in information retrieval systems, p. 47.
- Vol. 6, no. 8(88), June 1966.
Table of contents translated:
Khasikili, A. Sh., Kogan, D. V., Ishaeva, L. M. - Calculation elements of a variator in controlling devices, p. 1.
- Alizade, G. A., Mamalov, A. D. - Electromechanical contact breaker for increased frequencies with controlled commutating periods, p. 4.
- Kengerli, I. U. S. - On the theory of wireless electric communication channel with relays, p. 7.
- Tugiev, A. G. - Analytical method of determining the optimum number of relays, p. 9.
- Rasulov, M. M., Mustafayev, R. I. - Simplified method of investigating the dynamics of a synchronous electric drive with sharply varying loads using a mathematical model, p. 12.
- Kuliev, D. A., Ragiev, V. A. - Experimental determination of the degree of distortion in the magnetic field of supports where magnetic recorders are placed for measuring amplitudes of lightning current along the 220 kv Baku - Mingachevir transmission line, p. 14.
- Aliev, M. N., Abdullayev, K. D. - Experimental investigation of starting large synchronous machines in a power system in case of large-scale slips, p. 16.
- Kuliev, D. A., Selkov, I. U. M., Tamrazova, E. A. - Ideal calculation in electromagnetism of forces of a drilling rig draw works, p. 18.
- Babae, S. G., Shlimak, I. V. - On the quality of manufacturing rotor bearings, p. 21.
- Baturov, K. A., Kurbanov, A. - Investigating the operation of a centrifugal pump with a shortened back wall, p. 24.
- Mekhmudov, S. A., Dantlinsk, B. M., Makhmudov, A. M. - Electrochemical corrosion protection of the inside surface of a water main, p. 28.
- Airapetov, G. A., and others. - Fining of hardened iron linings of deep-well pumps with synthetic diamond lars, p. 30.
- Altshuler, T. S. - Analysis of the operation of the "Barod-DF" boring bar pumping installation in field conditions, p. 33.
- Musladze, S. M., Agacov, A. D. - Experimental unit for testing sliding bearings made from plastic materials, p. 35.
- Abdurashidov, S. A., Karav, M. A., Gindin, N. M. - Possibility of using a polyethylene rod in pumping seawater, p. 38.
- Dudagov, A. A. - Morphometric characteristics of an earthen irrigation canal, p. 38.
- Efendiev, V. S., Korimov, N. A., Kuliev, A. M. - Some results of the performance of a precombustion chamber type of a diesel engine operating on light fuel, p. 39.
- Luboritski, V. P. - Investigating gas flow in contraction section of the P-105 loom, p. 42.
- Guseinov, F. G. - Some problems of methodology in determining economic efficiency and the application of plastics in oil machinery construction, p. 45.
- Vol. 7, no. 11(81), Nov. 1967.
Table of contents translated:
Scientific and technical progress in Azerbaijan economy, p. 1.
- Abdullayev, A. A. - Present state and prospects for the development of automation in the Azerbaijan oil industry, p. 7.
- Azimov, B. A. - Cybernetics in the Azerbaijan economy, p. 7.
- Guseinov, F. G. - Electric power engineering and its role in the electrification of Azerbaijan, p. 10.
- Akhmedov, F. M. - Scientific and technical progress of the Azerbaijan electric equipment industry, p. 13.
- Mojkova, M. M. - Progress in the Azerbaijan oil-field machinery industry, p. 16.
- Rizayev, K. N., Mamedov, Sh. N., Akhmedov, R. A. - Scientific and technical progress in the mining and metallurgical industries of Azerbaijan, p. 19.
- Abdullayev, T. I. - Development of irrigation and reclamation in Azerbaijan, p. 21.
- Dabov, M. A. - Development of road transport in Azerbaijan, p. 24.
- Kritman, I. D. - Captain merchant marine prepares for the 50th anniversary of the Great October, p. 26.
- Ragiev, A. M. - Railroad transport in Azerbaijan is on the increase, p. 29.
- Akhmedov, K. M. - Development of communications in Soviet Azerbaijan, p. 32.
- Ragimov, S. G. - Development of Azerbaijan high industry, p. 35.
- Ragimov, T. M. - Azerbaijan food industry, p. 38.
- Nabili, A. D. - Development of the meat and dairy industries in Azerbaijan, p. 40.
- Selkov, G. A. - Development of the canning and food industries in Azerbaijan, p. 42.
- Ragimov, M. A. - Viticulture and winemaking in Azerbaijan, p. 44.
- Makhmudov, A. M. - Development of the Azerbaijan fish industry, p. 46.
- Vol. 8, no. 1(89), Jan. 1968.
Table of contents translated:
Khasimov, M. M. - Performance analysis and calculation of a pulsed bridge element at low time-lag values, p. 1.
- Uchibudov, B. G., Kilasheli, Sh. A. - Economic expediency of conditioning and checking oil parts used in automation and remote control systems, p. 4.
- Stepanov, V. D., and others. - Developing a gauge for measuring the interface level of two fluids in the settling zone of a reactor when extracting isobutylene by the sulfuric acid method, p. 6.
- Vigdorov, D. I., Ailakhverdiy, F. M. - Effect of temperature on the high-frequency characteristics of the communication channel in the conductor cable of an electric drill, p. 10.
- Venkov, V. A. - Some problems in studying electric power systems as composite complex systems developing into cybernetic-type systems, p. 13.
- Alizade, A. S., Kuliev, D. A., Kalamurov, V. A. - Length of the wavefront of lightning current, p. 18.
- Guseinov, F. G., El'darov, O. A., Kuliev, I. U. E. - Optimal planning method for repairing basic equipment of electric power stations, p. 20.
- Khasim-Zade, Z. I., Khalil-Zade, R. M. - Investigating heterogeneous deep-well communication lines, p. 23.
- Kulizais, K. N., Kuntkin, I. E., Asadullazade, I. M. - Adjustable a.c. drive for a pumping jack, p. 25.
- Zehalov, A. A., Singlov, V. A. - Device for measuring the electric conductivity and thermoelectromotive force of semiconductor thermoelectric materials in the 300° to 1200° K temperature range, p. 27.
- Kuliev, I. A., Mamedov, A. A. - Studying deep-well communication channels when operating wells with subsurface centrifugal electric pumps, p. 28.
- Aliev, Sh. M., Agacov, T. I. U. - Nomogram for computing voltages in optical and polarization studies, p. 31.
- Kudrov, K. I. - Invariant dependence for determining the indicator of equivalent polytropic gas compression in piston compressors, p. 32.
- Mirzazade, S. M. - Studying the operation of certain rubber parts used in oil field equipment, p. 34.
- Kasim-Zade, N. G., and others. - Manufacturing the mandrels of reeling mills from new materials, p. 37.
- Mamedova, M. D. - Problems of storage, transportation, and bunkering of liquefied gas aboard ships, p. 40.
- Kilasheli, T. N., Mamedov, D. D. - Motion of solid particles in a stationary liquid flow, p. 44.
- Samed-Zade, Sh. A., Kasimov, F. A. - Optimum distribution of mineral fertilizer warehouses in the Azerbaijan S.S.R., p. 47.
- Vol. 8, no. 3(87), Mar. 1968.
Table of contents translated:
Aslanov, M. M., Korobitski, I. M., Dzhalilov, R. A. - Some results of studying the reasons for breakdowns of elements of ChTP and AGM automatic control systems used in the oil fields of Azerbaijan, p. 1.
- Mublev, I. A., Fridman, M. E., Ismailov, N. K. - Pulse-code contactless data unit for measuring well parameters in electric drilling, p. 3.
- Kogan, D. V., Ishaeva, L. M. - Thermoelectric lag of the receiving converter of a thermoreducer, p. 5.
- Abdullayev, F. M., and others. - Computer device for operative processing of information and calculating the optimum parameters of the alkylation of benzene by ethylene, p. 8.
- Brovikov, I. S., Gasanova, E. D. - Optimum control of a ship's movement, p. 10.
- Radzhubov, F. N. - Economic evaluation of the advisability of operating standby generators in a synchronous compensator regime in small hydroelectric power stations, p. 13.
- Guseinov, F. G., Sidlev, N. K. - Optimum methods for keeping in reserve special-purpose units in large-unit electric power stations, p. 15.
- El'shevelich, Z. B., Arifukova, I. I. - Analysis and calculation of measuring phase-shift devices, p. 17.
- Tamrazov, A. G. - Electric circuits with master current sources and quadrangle programming, p. 21.
- Aliev, M. N., Arkharzade, E. M. - Statistical probability analysis of reliability characteristics of high-voltage electric transmission lines, p. 23.
- Rashidov, N. A., and others. - Experimental study of the strength of the body of the PPB-307A2C receiver, p. 26.
- Grigorian, N. A., Turanov, T. I., Gasanov, M. S. - Three-roller bit with increased calibrating capacity, p. 28.
- Varnishovskii, P. M., Lopashkin, I. M. - Analyzing the performance of grooved surfaces of clamps, p. 31.
- Shukurov, I. I. - Recrystallization of steel during high-temperature thermomechanical treatment, p. 34.
- Gurtinkel, E. A., Ruzitski, Z. I., Ismailov, S. A. - Active resistances of corrosion-proof conductors of new designs, p. 36.
- Ponomarev, V. I. - Polymers for increasing the life and reliability of the cylinder-piston group of the ZIL-130 engine, p. 38.
- Mirza-Zade, U. R., Isacov, V. I. - Using a float-regulator in the uniform tunnel control of a water intake, p. 42.
- Musladze, M. A. - Texture of crepe-type silk fabrics, p. 44.
- Aliev, N. G. - Specialization and its economic effect, p. 47.
- Vol. 8, no. 4(88), Apr. 1968.
Table of contents translated:
Aliev, I. K. - Effect of the vibration of the tool in the accuracy of a pulsed inclinometer in electric drilling, p. 1.
- Ginshevskii, M. P., and others. - Control circuits of perforating and reaming devices of angular cutters, p. 3.
- Abdullayev, M. N., Galimov, Z. T. - Effect of the drawing of gas pipelines on the selection of adjustment parameters for automatic emergency shutdown devices, p. 6.
- Telarin, G. P., and others. - Using "Natri" electronic computers for the automation of technological planning in making forgings of the type of the body of revolution, p. 10.
- Aliev, M. A. - Static characteristics of a synchronous motor during voltage and frequency changes of the feeding network, p. 12.
- Aliev, M. N., and others. - Operative distribution of active power in complex electric power systems, p. 14.
- Spirin, A. A., Zamanov, I. A., Shikhalov, I. U. Z. - Studying the corrosion of Si-3 steel in the water of the Kura River in the region of the Mingachevir Hydroelectric Power Station, p. 17.
- Suleimanov, E. G. - Equivalent representation of electric power stations with some adjoining points in the mode of small oscillations, p. 20.
- Saidov, M. G. - Effect of pressure and vacuum on the feed ratio of direct-acting piston pumps when pumping viscous liquids, p. 23.
- Melikov, M. M., Babayev, S. G., Shlimak, I. V. - Heating of rolling parts of bits during the drilling process, p. 25.
- Aliev, K. A. - Stressed state of a hexagonal prismatic pipe subjected to internal pressure, p. 27.
- Ulin, I. A., Shandrunko, G. I. - Measures for reducing the consumption of nonferrous metals, p. 29.
- Gulnazarov, B. D., Kosumzade, N. G., Mustafayev, F. M. - Effect of vibration on the character of the distribution of shrinkage cavities in ingots, p. 31.
- Zor'tan, I. A., Kurov, L. N. - Effect of the freeline of discs of the impeller on the operational characteristics of a centrifugal pump, p. 34.
- Makhmudov, M. S. - Determining the end thrust stability of hardened cement in metal piles of offshore hydro-technical structures, p. 36.

REFERATIVNYI ZhURNAL: VOZDUSHNYI TRANSPORT
[JOURNAL OF ABSTRACTS: AIR TRANSPORTATION].
Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 5-8, May-June 1968. [This journal is also issued in Paris]

c. CHEMICAL TECHNOLOGY

FERMENTATSIYA I SPIRTOVAYA PROMYSHLENNOST'
[FENMENTATION AND DISTILLING INDUSTRY]

Organ of Gosudarstvennyi komitet po planirovaniyu promyshlennosti pri Gosplane SSSR i Tsentral'noye pravleniye Nauchno-tekhnicheskogo upravleniya planirovaniya promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 34, no. 3, 1968.

Table of contents translated:

- Terovskii, N. S. - Timely preparations for the new production season in alcohol, liqueur and vodka plants. p. 1.
- Zhar'skii, A. M., Klemenchuk, A. P. - New machinery and technology in beer brewing. p. 5.
- Slavutskaya, N. I. - Liquor and vodka products produced for the anniversary year. p. 10.
- Polunanova, M. T., and others. - Use of bacterial amylase for the improvement of conditions for corn pulping. p. 15.
- Kursheva, N. G., Fedorov, A. F. - Study of starch hydrolysis during individual and joint action of α and β amylase of barley malt. p. 18.
- Shvels, V. N., and others. - Effect of protein content in clear barley malt on the accumulation of coloring substances during its heating. p. 20.
- Ferlman, G. I., Tikhomirov, V. G. - Yield of malt extract during mashing in partially desalinated water. p. 22.
- Gorinshteyn, Sh. B. - Comparative evaluation of methods for clarifying beer. p. 26.
- Kruglikov, A. O., Azila, A. P. - Determination of the actual density of alcohol-containing syrups and beverages. p. 32.
- Negomianichii, R. L., Kucher, S. A. - Overall mechanization of malt growing. p. 34.
- Volkov, N. O. - Practice in growing surface culture of mold fungi at the Pionerskiy Alcohol Plant. p. 36.
- Riaboi, A. L. - Pivnitskiy Alcohol Plant strives for the title Enterprise of the Communist Labor. p. 37.
- Kravets, Yu. M., Simakov, K. S., Kardashev, A. A. - Anticorrosion protection for yeast-growing vats. p. 37.
- Leading managerial personnel of the alcohol, liqueur and vodka industry of the Ministry of the Food Industry of the U.S.S.R. p. 44.
- Agnesova, L. B. - Meeting of party members and of the leading managerial personnel of the all-Union Scientific Research Institute of the Alcohol, Liqueur and Vodka Industry. p. 45.
- Results of the all-Union socialist competition of the food industry during the 4th quarter of 1967. p. 46.

Vol. 34, no. 5, 1968.

Table of contents Translated:

- For a defectless production output. p. 1.
- Itaturlin, P. A. - Reform and management of an enterprise. p. 4.
- Krasnikov, E. I., Silusarenko, T. P. - Use of quarternary ammonium compounds in processing molasses for alcohol. p. 6.
- Dospal'ko, A. P., Maleznik, I. F. - Reinforcing action of vent-type grid plates during rectification. p. 10.
- Zabrodskii, A. G., Grymova, G. A., Parkhomchuk, M. A. - Quantitative changes in aminocyclitol molasses stillage during growth of feed yeast. p. 12.
- Fortman, G. I., Gorinshteyn, Sh. B. - Fractionation of beer proteins by electrophoresis. p. 15.
- Chulko, A. V., Prosmushkin, I. R. - Use of cement and polymer concretes for brewery flooring. p. 19.
- Rybachok, B. N., Chernavskii, A. I. - Studying the aerodynamics of a fluidized bed in wheat bran used in surface growing of mold fungi. p. 21.
- Konjakova, L. N., Gtenteimirova, M. S., Kokorina, N. I. - Increasing biosynthesis of vitamin B12. p. 24.
- Drnlik, V. A. - Work practice of brewerries of the Estonian SSR under the new planning and economic incentive system. p. 25.
- Shigin, E. K., Tolls, P. I. - Economic model of a continuous malt mashing process. p. 27.
- Molotov, E. V., Nesterova, N. K. - Industrial aesthetes for the enterprises of the alcohol, liqueur and vodka industry. p. 31.
- Iolkov, N. P., Garbarenko, V. G. - Improved continuous-action vertical malt driser. p. 35.
- Voronov, I. A., V., and others. - Practice in processing of sugar beets for alcohol with extraction of the diffusion juice. p. 38.
- Results of the all-Union socialist competition of food industry enterprises for the first quarter of 1968. p. 42.

- Dodonov, G. G. - All-Union seminar of the workers of the alcohol industry. p. 43.
- Nesterova, N. K. - Scientific organization of labor at the liqueur and vodka distilleries. p. 44.

FIZIKA I KHEMIYA OBRABOTKI MATERIALOV [PHYSICS AND CHEMISTRY OF MATERIALS PROCESSING].
Issued by Otdeleniye fiziko-khimii i tekhnologii neorganicheskikh materialov Akademii nauk SSSR [Department of Physicochemistry and Technology of Inorganic Materials of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan.-Feb. 1968.

Table of contents translated:

- Kaporskiy, L. N., and others. - Effect of a laser pulse with a modulated Q factor, on steel. p. 3.
- Kokora, A. N., Rikman, E. P. - Distribution of alloying elements in the zone of the laser radiation effect. p. 11.
- Bastanov, V. V., Il'ina, S. Kh., Mitkevich, E. A. - Certain characteristics of machining dielectrics with an electron beam. p. 16.
- Gillevich, A. E., and others. - Effect of laser radiation on semiconductors. p. 20.
- Grazhdinskiy, L. L., and others. - Structure of joints in copper-soldered iron. p. 23.
- Belorizskaya, E. L., and others. - Effect of oxide films on the adhesion of vacuum coatings to steel. p. 31.
- Pavlov, V. A., Uglov, A. A. - Certain regularities in the temperature field of pyramids used in growing films. p. 35.
- Novosadov, V. S., Nuzhdin, A. A., Shorokhov, M. Kh. - Analysis of the heterogeneous diffusion of an impurity in the interaction process of solid and liquid metal phases. p. 42.
- Kortov, V. S., Mafro, R. I. - Effect of the character of surface machining on the photoelectron emission of metals. p. 49.
- Erokhin, A. A., Kotov, G. N. - Basic parameters of electrodes determining the degree of chemical macroheterogeneity of a deposited metal in alloying through coatings. p. 54.
- Gladkovskiy, V. A. - Changes in the fatigue strength of carbon steel during the application of coatings by the method of plasma vapor plating. p. 62.
- Gordienko, L. K., Pirant, I. I., Tolmiz, K. B. - Effect of repeated strain aging on the mechanical properties of iron. p. 65.
- Gordienko, L. K., Pirant, I. I., Tolmiz, K. B. - Repeated mechanical treatment of iron at various aging temperatures and rates of deformation. p. 71.
- Okhimenko, I. A. M., Smirnov, O. M. - Phenomenology of the mechanism of superplasticity. p. 76.
- Berkovskiy, V. S., and others. - Effect of the phase constitution on the technological plasticity of stainless steels. p. 83.
- Eftimenko, R. M., and others. - Effect of electron beam melting on the strength, plasticity and resistance of high-strength structural steel. p. 91.
- Grinov, S. A., Pavlov, V. S., Postnikov, V. S. - Effect of a constant electric field on the properties of ferroelectric ceramic materials. p. 99.
- Eltsov, V. A., Polenko, V. G. - Temperature field in a heat-insulating brick. p. 100.
- Pozdnakov, V. V., Somenov, A. P. - Eutectic molting during contact in vacuum of graphite with iron and the Fe-437B alloy. p. 107.
- Orta, M. E., Orestkina, A. A., Sviderskaya, Z. A. - Effect of conditions of high-temperature thermomechanical treatment (VTMO) on properties of magnesium alloys with additions of neodymium. p. 112.
- Kalinova, G. E., Terent'ev, V. F. - Effect of short-term heating of a deformed β -phase on the cyclic strength of the VT15 alloy. p. 115.
- Buzalov, I. U. E., and others. - Studying the internal friction of alloyed molybdenum. p. 117.
- Gutovin, S. A., Krut'ko, M. A., Svoboda, A. N. - Relaxation processes in iron alloys with boron. p. 119.
- Volchok, A. M., Pashkov, P. O. - Realization of the theoretical strength in metals with the passage of flat shock waves. p. 121.
- Aprin, B. S. - Work of the seminar on "Physics and chemistry of working materials with a concentrated flow of energy." p. 124.

GAZOVAYA PROMYSHLENNOST' [GAS INDUSTRY].
Organ of Ministerstva gazovoy promyshlennosti [Ministry for the Gas Industry] and others. Moscow, vol. 13, no. 5, May 1968.

Table of contents translated:

- Editorial. p. 1.
- Vysokhanskii, I. V., and others. - Yefremovka gas field. p. 4.
- Savina, I. A., Volkovskiy, A. S. - Possibility of using equilibrium constant in the isomerization of hydrocarbons for evaluating temperatures of oil and condensate formation. p. 8.
- Anisachenko, L. A., Rofsy, N. A., Sil'kov, V. I. - Some characteristics of changes in the composition of helium during the development of gas fields. p. 12.

- Asirakhan, I. M., Musatov, V. I. - Experimental data on the thermal conditions of well flushing and their comparison with estimates. p. 13.
- Rakii, O. G., Iudin, A. S. - Use of vortex pipes in the installations of gas pipelines. p. 16.
- Degtiarev, G. P. - A block attachment for obtaining spark-proof circuits of transmitters. p. 19.
- Beknev, V. S., Tyryshkin, V. G., Chernobrovkin, A. P. - Gas-turbine equipment of gas pipeline compressor stations in the United States. p. 21.
- Smirnov, V. A., Kuprilanov, M. S., Fastov, L. N. - Selecting a variant in connecting gas consumer groups to city networks. p. 24.
- Fillinov, A. M., Kuznetsov, P. L. - Automatic gas-regulating station. p. 27.
- Fastov, L. M., Rabinovich, I. A. L. - Selection of inlet pressure for gas-distributing units for consumers. p. 29.
- Kopylov, V. F., and others. - Studying the performance of an electric gas burner. p. 31.
- Sigal, I. A., Gurvich, I. A. - Regularities of combustion in a twisted flow and the flame length of vortex gas burners. p. 35.
- Polosin, L. A. - Study of the catalytic burning of gases in radiation heaters. p. 40.
- Aronov, I. Z. - Direct-flow and direct-flow-counter-current contact economizers for industrial boilers. p. 43.
- Istomin, V. I., and others. - Study of the oxidative pyrolysis of natural gas. p. 47.
- Brodskiy, I. U. N. - Selecting an effective flow sheet for treating hydrogen sulfide in sulfur. p. 50.
- Krivoshegov, B. M. - Problems of gas supply discussed at a conference held at the Leningrad Construction Engineering Institute. p. 52.

KHIMICHESKAYA PROMYSHLENNOST' [CHEMICAL INDUSTRY].
Organ of Gosudarstvennyi komitet khimicheskoi i neftegazovoy promyshlennosti pri Gosplane SSSR [State Committee for the Chemical and Petroleum Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 44, no. 6, June 1968.

Table of contents translated:

- Vakhrushev, I. A., Davov, V. A. - Nonhomogeneous fluidization. p. 1.
- Rozimov, I. M., and others. - Flow structure in reactors with ascending movement of solid and gas phases. p. 5.
- Uda, M. S., and others. - Studying the aerodynamic structure of a contact fluid bed and determining the optimum angle of the opening of cone. p. 8.
- Sosina, M. Kh., Kondikov, N. B. - Speed of the fluidization of polydispersed layers. p. 10.
- Basakov, A. D., Glupol'man, E. A. - Studying the intensity of the mixing of solid particles in adjacent fluid beds using the nonstationary method. p. 12.
- Oel'perin, M. L., and others. - Flow of aerated and fluidized granulated material through orifices in a vertical wall. p. 15.
- Stanovich, V. A., and others. - Studying the flow of fluidized material through an annular baffle. p. 21.
- Marilushin, I. O., Amilin, A. V., Osvovich, D. A. - Radial effective heat conductivity of the fluid bed of a catalyst. p. 25.
- Oel'perin, N. I., Anashkin, V. G., Korotianskaya, L. A. - Heat exchange between a fluid bed and staggered horizontal pipe bundles. p. 27.
- Itskareva, M. F., Chlenov, V. A., Mikhailov, M. V. - Studying heat exchange between heating surfaces and a circulating fluid bed. p. 32.
- Todes, O. M., and others. - Calculating the hydration of solutions and granulation in a cycloin fluid bed. p. 34.
- Kazakova, E. A. - Methodology for calculating fluid-bed granulating towers for nitrogen fertilizers. p. 37.
- Shakhova, N. A., and others. - Granulation of urea in a fluid bed. p. 44.
- Shakhova, N. A., and others. - Testing a pilot plant for obtaining granulated nitrogen-phosphorus-potassium fertilizer in a fluid bed. p. 48.
- Volkov, V. F., and others. - Granulation of sodium bichromate in a fluid bed under a nonreturn regime. p. 49.
- Lozhkin, A. F., Pashchenko, V. N. - Granulating and drying potassium chloride in a fluid-bed unit. p. 51.
- Kazakova, E. A., and others. - Obtaining granulated nitrogen fertilizers in fluid-bed towers. p. 63.
- Khoroshillo, V. G., Podkopov, V. M., Fainshtein, S. A. - Experiments in industrial crystallization of sodium chlorate in a fluid-bed apparatus. p. 67.
- Sechenov, O. P., Al'tshuler, V. S., Leonova, I. D. - High-intensity convulsion of molasses in the fluid bed of a catalyst under pressure. p. 58.
- Nosovskiy, I. U. E., and others. - Some regularities of the hydrogenation of furan in the fluid bed of a catalyst. p. 62.
- Koronberg, I. A. G., and others. - Use of heat in roasting pyrite in DKSM furnaces. p. 66.
- Koronberg, I. A. G., and others. - Hydrodynamic calculation of grids of the upper fluid bed of DKSM furnaces. p. 68.
- Mescherlakov, N. F., and others. - Experience in using fluid-bed flotation machines for the treatment of sulfur ores. p. 70.

- Shagherin, R. V., Vereshev, M. S. - Sectional overflow devices in a stage-counter current unit with the fluid bed of the KU-2 cation exchanger. p. 71.
- Norkov, I. K., Kozlov, I. A., Makhorin, K. E. - Obtaining activated carbon in an anthracite fluid bed. p. 72.

KHIMICHESKAYA PROMYSHLENNOST' UKRAINY

[CHEMICAL INDUSTRIES OF THE UKRAINE]. Issued by Ministerstvo khimicheskoi promyshlennosti LSSR and Ukrainskoe respublikanskoe pravleniye Yezoluzhogo khimicheskogo obshchestva [Ministry for the Chemical Industry of the Ukrainian S.S.R. and the Ukrainian Republic Administration of the All-Union Chemical Society]. Kiev, no. 1(37), Jan. - Feb. 1968.

- Table of contents translated:
- Karavaev, M. M., Lender, A. A., Pogov, I. G. - Effect of the conditions of synthesis on the product quality in methanol manufacturing. p. 3.
- Karpovich, E. A. - Intensification of the process of defluorination of apatite concentrate. p. 7.
- Gordienko, V. P., Solonko, V. P., Nechiporenko, V. G. - Effect of thermal processing on the supramolecular structure and properties of polyformaldehyde. p. 10.
- Kilchukovskii, A. I., and others. - Oxidation of acrolein to acrylic acid on vanadic catalyst. p. 12.
- Katir, M. M., Vasil'kov, V. N. - Method for the purification of ammonium chloride solutions. p. 14.
- Sazhin, V. S., and others. - Sulfatization of aluminosilicate by pulping. p. 15.
- Babrova, L. N., Chernysheva, L. L., Butnitschuk, T. D. - Some physico-mechanical properties of capron yarn modified by graft. p. 17.
- Pel'khov, A. D., Urusov, V. K. - Experimental screw press for studying high-speed extrusion of thermoplastics. p. 20.
- Strigunov, F. I., Dystrov, V. I. - Studying the process of roasting mechanically unstable dolomites in a cyclonic oven. p. 21.
- Rudiy, N. M., Kirichenko, I. U. E., Maslarenko, S. A. - Mobile high-frequency moisture meter for powders. p. 20.
- Grishchenko, A. Z., and others. - Automatic temperature control of a reactor of the emulsion polymerization of vinylchloride. p. 28.
- Fomenko, A. S., and others. - Radiation stability of isomeric aromatic polymers. p. 31.
- Kondratenko, V. I., Vdovichenko, V. T., Krasnik, L. G. - Photochemical interaction of a mixture of chloride and carbon monoxide in some solvents. p. 34.
- Ivanikov, I. A., and others. - Adoption of netlike methods of planning and managing the construction of pits for the mining of native sulfur. p. 37.
- Rozentzweig, M. M. - Improving intraplanet business accounting under new planning and economic incentive conditions. p. 42.
- Rereblik, G. I., Gavrskii, D. A. - Studying the construction of a porous screen during viscous filtration. p. 46.
- Himova, N. A., Litov, V. D., Skripnichenko, A. M. - New design for lateral thread marks in press forms. p. 48.
- Poligakova, T. E., Batluk, V. P. - Chemical agents for the control of vitamin albumin. p. 40.
- Kul'skii, L. A., Shaliba, A. G. - Adsorption of p-chlorobenzenesulfonic acids from aqueous solution of KAD-iodide activated coal. p. 61.
- Kul'skii, L. A., Strom, A. O., Solntseva, E. V. - Technology of sewage purification on biolitters and in acroleins of the synthetic fatty acids industry. p. 64.
- Krikov, A. I., Opansenko, I. N., Korol', A. N. - Ordinary chromatograph with cyclic temperature change and its use in qualitative analysis. p. 68.
- Glozman, L. P., Golovko, A. F. - Frontal oil seal bearings of compressors. p. 69.
- Glozman, L. P., Golovko, A. F., Komarov, N. F. - Filter for dust interception. p. 69.
- Roslenko, K. V. - Large tonnage wastes of chemical plant combines as raw material for the cement industry. p. 61.

No. 2, Jan. - Feb. [i.e. Mar-Apr], 1968.

- Table of contents translated:
- Galickov, L. F. - V. I. Lenin and the development of the Soviet chemical industry. p. 3.
- Omal'chenko, S. I., Videnina, N. G., Chervonova, I. N. - Radiation copolymerization of oligoethylone glycolmalonate adipate with varied monomers. p. 6.
- Iteznik, A. P., Turtov, I. A., Mustonko, V. P. - Oxidizing dehydrocyclization of n-hexane in the presence of iodine on a fixed bed of an adsorbent of hydrogen iodine. p. 11.
- Kruglitskii, N. N., and others. - Stabilization of aqueous dispersions of montmorillonite by sodium humates. p. 16.
- Blok, G. A., and others. - Maleinimide vulcanization. p. 18.
- Novokhalka, D. A., and others. - Separation and purification of diphenylolpropane. p. 20.

- Grabov, V. I., Medynskii, V. G. - Conditions and prospects for the adoption of digital computers in the management system of the chemical industry. p. 21.
- Shneider, A. A., Koshel', E. E., Shavchenko, I. A. - Automation of the processes of sulfuration, sedimentation and separation in the production of the NB wetting agent in the Lubozhans Chemical Combine. p. 26.
- Zozulia, N. V., Kallin, B. L. - Study of heat exchange and hydraulic resistance of the gas-liquid heat exchanger from flat-welded pipes with corrugated fins. p. 28.
- Gorustavtsev, S. P. - Methodology of calculating the temperature of the metallic cap of a bowl-shaped flameless burner. p. 30.
- Morozov, I. U. I., Shitakhonko, I. U. I. - Study of the radiative-convective heat exchange in mechanical retarded gas suspension. p. 32.
- Mai, L. S., Colomb, L. M., Mikhailov, V. V. - Methodology of the study of wetting and dispersion dyes. p. 37.
- Dolgoplova, K. I., and others. - Effect of high-dispersion metal powders on physico-mechanical properties of rubbers. p. 39.
- Krasnosel'skii, V. N., Grchenjuk, L. I. - Determination of the content of tetra- and pentavalent vanadium in a catalyst. p. 41.
- Kichukov, S. F., Golovko, A. F., Strimovskii, I. A. N. - Reverse-conc. granulator. p. 43.
- Kuslenko, I. I. - Effect of sodium trichloroacetate and dalapon on some physiological processes and growth of sugar beet. p. 44.
- Chernakov, I. U. I., Novikova, V. F. - Alkylation and acylation of pyridine during thermal decomposition of quaternary salts of pyridinium according to Ledenberg-Chelubabin. p. 47.
- Gladii, I. I. - New conditions, new requirements. p. 50.
- Pogrebniak, Z. F., Gollerylov, I. A. I., Solopko, V. N. - Classifier for economic information on the production of technical rubber and asbestos. p. 64.
- Orlov, V. N., Mikhchenko, M. I. - Effect of profiling the flow part of loads on technical-economic indices of cable mills. p. 67.

KHIMICHESKAYA TEKhnOLOGIA [CHEMICAL TECHNOLOGY]. Kharkov, no. 9, 1967.

- Table of contents translated:
- Sorokin, V. P. - Diels-Alder reactions of adducts with formaldehyde. Report No. 3: Study of the condensation process of endoxololnhydrophthalic and acetoxyethylendoxololnhydrophthalic anhydrides with formaldehyde. p. 3.
- Sorokin, V. P. - Synthesis of epoxyfuran resins. p. 7.
- Isakova, T. A. - Studies in the synthesis of resins and plastics based on halogen derivatives of aromatic compounds. Resins based on 4-chlorosubstituted xylenes. p. 10.
- Shovchenko, O. V., Moshechinskii, N. K. - Studies in acetaldehyde rosin. Mechanism of the formation of acetalized aromatic ethers and formaldehyde. p. 17.
- Burak, I. P., Budnikala, N. N., Moshechinskii, N. K. - Plasticizing of polyvinyl chloride by the plasticizers of different chemical nature. Report 4: Determination of the maximum compatibility of polymers with plasticizers and the dependence on small changes of the structure of plasticizers. p. 22.
- Cherenjuk, I. P., Blokh, G. A., Shpakova, N. A. - Modification of chloroprene rubber with epoxy resins. p. 20.
- Nosnikov, A. F., Blokh, G. A. - Vulcanization of bonded compounded rubber mixtures based on butadiene-nitrile rubbers by hydrogen sulfide in the presence of organic peroxides or sulfur dioxide introduced on zeolites. p. 34.
- Chervinskii, K. A., Zhorobova, I. P. - Effect of the nature of cation of salt catalyst on the oxidation kinetics of p-xylene. p. 39.
- Chervinskii, K. A., Baranova, E. I. - Liquid phase oxidation of m-xylene. p. 44.
- Chernova, N. E., Chervinskii, K. A., Khakalo, L. N. - Solubility of the catalyst in liquid phase oxidation of hydrocarbons. p. 48.
- Shenbor, M. I., Ben, L. P., En'kova, L. M. - Fluoranthene derivatives. Report No. 7: Problems of the preparation, purification of fluoranthene-4 of 12-disulfonic acid and transformation based on it. p. 52.
- Shenbor, M. I., Barov, M. B. - Fluoranthene derivatives. Report No. 8: Some properties of 4-oxo-fluoranthene. p. 57.
- Krol'ov, A. E., Chertok, E. R. - Benzoylation of cyanuric acid and hydrolysis of benzoylcyanoaurates. p. 62.
- Dal', V. I., and others. - Study of the catalytic re-forming of low-octane gasoline. p. 65.
- Sazhin, V. S., Zapol'skii, A. K., Fedorchenko, I. I. - Removal of iron compound from ammonium sulfate solutions. p. 68.
- Tolubaro, A. I., Usatenko, I. U. I. - Using extraction for photocolorimetric determination of platinum by means 1,4-diphenylthiosuccinimide. p. 76.

- Ismailov, A. G., Salimova, B. A. - Esterification of mono- and polyhydric alcohols with acid chlorides of hexahydrobenzoic and petroleum naphthalene acids. p. 79.
- Ganz, S. N., Kuznetsova, I. E., Podolskaya, N. I. - Oxidation of the lignites by nitric acid with production of nitrogenous fertilizers. p. 85.
- Ganz, S. N., Vashkovich, A. M. - Interaction of ammonia with nitrogen oxides. p. 80.
- Zubov, V. V., Nagornyi, V. G., Sergienko, I. B. - Study of the process of oxidation of ferrous oxide sulfate by nitrogen oxides. p. 94.
- Chernikov, A. I. - Diagram of the optimum distribution of temperatures in the reactor of the flowing system in exothermic reaction. p. 99.
- Goncharenko, G. K., Gavrilov, M. S. - Reaction kinetics in a tubular reactor of continuous action. p. 102.
- Khokhlov, S. F., and others. - Motion and dimensions of gas bubbles in a turbulent foam layer. p. 106.
- Plit, I. G. - Limit dimensions of drops in the atomizers of pneumatic and mechanical sprayers. p. 109.
- Plit, I. G. - Mass transfer in countercurrent flows of gas and large drops. p. 113.
- Polinichikov, I. N., Kubik, V. F., El'sova, T. P. - Mechanism of liquid decomposition in the two-phase method of dispersion. p. 123.
- Svirskii, I. D., Pirogov, I. U. A. - Glazed ceramic coatings with increased density obtained by the gas-flame deposition method. p. 128.
- Svirskii, I. D., Pirogov, I. U. A. - Preparation of reinforced coatings. p. 132.
- Shapiro, M. D., and others. - Study of the composition of methylnaphthalene fraction of phenol plant. p. 130.

KHIMICHESKOE I NEFTIANOE MASHINOSTROENIE

[CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi komitet khimicheskogo i neftnogo mashinostroeniia pri Gosplane SSSR [State Committee of the Chemical and Petroleum Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 4, Apr. 1968.

- Table of contents translated:
- The Ministry of Chemical and Petroleum Machinery sets new goals. p. 1.
- D'vishenko, I. N., Gorka, E. O. - Three-column continuous centrifuge for removing oil from metal shavings. p. 3.
- Nikol'skii, V. V. - Some results of the performance of a direct-flow moisture and oil separator. p. 4.
- Kulevov, S. M. - Wire strain gauge for measuring plastic deformations in vessels and apparatus. p. 6.
- Korshenko, I. M. - Method for calculating two-ply metal-glass plastic pipes. p. 7.
- Makarov, V. M., Nevoenko, V. I. - Duplication of the mechanism for opening the lid of horizontal vessels with a bayonet catch. p. 10.
- Bolokurov, P. I. - Gaskets from polyfluoroethylene packing material. p. 12.
- Aksol'rod, L. S., Pantor, G. D. - Performance of the equipment for drying and calcinating iron hydroxide in a fluid bed of inert material. p. 14.
- Aleksandrov, V. P., Ponomarev, A. E., Braun, V. M. - Studying the effectiveness of added packing in the low-temperature rectification of argon fraction. p. 10.
- Iurechenko, V. A., Koplov, A. A., Pogorelov, G. S. - Calculating mass-transfer towers with concentric rollers. p. 18.
- Moorovich, Sh. S., Sapronov, A. G. - Experimental study of heat conduction during the condensation of vapor on the surface of graphite tubing. p. 20.
- Choklovskii, S. V., and others. - New corrosion-resistant materials for hydrochloric acid solutions. p. 21.
- Bitur, S. V. - Protecting equipment by chloroprene-based rubber vulcanized under a press. p. 24.
- D'makov, V. G., Kromenskii, I. M. - Dress-plating of steel bars for tube sheets. p. 26.
- Arshakov, I. U. I., and others. - Testing weld joints of forgings made of the 16Kh2Nf steel after subjecting to hydrogen pressure at 200 atmospheres and a temperature of 300°C. p. 28.
- Markov, A. A. - Technology of making castings of impellers for vacuum pumps. p. 31.
- Korshenko, I. M., Aksenova, N. G. - Optimizing the engineering process of machining in chemical and petroleum machinery plants. p. 33.
- Stepanov, G. A., Cherkasova, P. P., Polakova, N. K. - Effect of manufacturing technology on the strength of studs made of 18Kh2N4VA steel at minus 190°C. p. 35.
- Kuznetsov, E. M., and others. - Increasing the life of equipment for synthesizing urea. p. 37.
- Voronkin, V. A., Epiloch, L. I. - Principles for normalization of vibrohauling devices for AG- and NGP-type centrifuges. p. 39.
- Litsenko, V. V. - Machines for flanging and precasting rims of boiler shells. p. 41.
- Iazon, M. G., Sukachev, S. B., Djalova, O. V. - Manufacture and repair of polyfluoroplastic coatings on metal rollers. p. 42.

- Kishaker, L. G. - Turning of spherical rollers for milling the lobes of spherical containers. p. 42.
- Pilipchak, A. I. - Use of a system of universal assembly large-scale devices at the "Bol'shevik" Plant. p. 43.
- Stenitskiy, I. V. - Opposite compressors at the Sany Plant named after Frunze. p. 43.
- Kolman-Ivanov, E. E., Kremm, M. N. - Trends in designing rotary tablet machines according to foreign data. p. 44.
- KHIMIA I TEKNOLOGIYA TOPLY I MASLA (CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL).** Issued by Gosplanstatyuznyy komitet neftepromyshlennosti i tseluloznoy promyshlennosti pri Gosplane SSSR [State Committee for the Petroleum Refining and Pulp and Paper Industry, Attached to the State Planning Committee of the U.S.S.R.]; 100 editors. Moscow, vol. 13, no. 4, 1968.
- Table of contents translated:
- Lomako, P. I. - The output of high-quality petroleum products of great importance to the national economy. p. 1.
- Fedorov, A. P., and others. - Production of high-octane reforming gasoline in a pilot plant unit. p. 5.
- Shevchenko, E. T. - Group composition of Ukrainian straight-run distillation petroleum. p. 8.
- Rashtorgov, I. U., Geller, V. Z. - Thermophysical properties of narrow fractions of Mangyshlak petroleum. p. 11.
- Pilov, T. N., and others. - Spectroscopic study of the chemical structure of alkylaromatics formed in alkylation of phenol with hexane 1. p. 15.
- Mironov, M. G., and others. - Production of diesel fuel from Mangyshlak petroleum. p. 19.
- Leditskaya, G. E., Babitskaya, E. L. - Demethylation of diesel paraffin with diethylamine. p. 21.
- Koshelov, V. S., Fomina, V. I., Byk, S. Sh. - Regeneration of the active aluminum oxide desiccant by propylene. p. 23.
- Amirbayeva, A. S., and others. - Coking distillate extracts as raw material for the production of carbon black. p. 24.
- Kozlov, L. M., Volpert, V. I. - Solubility of oils and paraffins in nitroalkanes. p. 26.
- Plukavskiy, I. A. I. - Preparing petroleum for processing by the flotation method. p. 32.
- Itanov, P. G. - Secondary purification of waste waters by the flotation method. p. 32.
- Akhmedov, V. B., Gubonitskiy, V. I., Taininova, P. A. - Meeting seasonal requirements for petroleum products. p. 35.
- Davyskov, A. N., and others. - Certain problems in preparing initial data for the solution of planning problems in optimal coupling of automotive gasoline. p. 38.
- Sarov, V. V., Zikov, D. D. - Calculating concentrations of end components in the feed plate during the rectification of multicomponent mixtures. p. 40.
- Ruznikov, I. M., and others. - Study of gas distribution grids in fluidized bed equipment. p. 44.
- Zvorov, K. G., and others. - Study of the hydrodynamics of a plate with two zones of contact phase. p. 47.
- Pavlovskiy, I. A. M., and others. - Study of antistatic additives for fuels. p. 51.
- Stolodina, I. A. M., Malysheva, T. G. - Separation of alkylphenol additives from oil solutions by dialysis. p. 55.
- Malysheva, I. V., Danilova, S. N. - Change in the quality of lubricants during prolonged storage. p. 58.
- Filatov, P. G., Kil'man, K. I. - Study of the lubricating properties of automotive brake fluids. p. 59.
- Bruk, O. I., Kaminskiy, V. S., Orlov, E. A. - Determining the sizes of particles of a carbon-black-paraffin complex by microphotography. p. 63.
- Vol. 13, no. 6, 1968.**
- Table of contents translated:
- Vorolomeev, D. F. - Tenth anniversary of the Ural Oil Refinery named after the 22nd Congress of the Communist Party of the Soviet Union. p. 1.
- Levchenko, E. S., Ponomareva, I. A. - Petroleum from the Tashkent deposit in the Mangyshlak Peninsula. p. 3.
- Dral'skain, Z. V., Zavorotninskaya, S. V. - First oil fields of the Baltic area. p. 7.
- Smolnik, I. U., and others. - Catalytic reforming of the 62 to 85°C fraction of the Lolyansk petroleum deposits. p. 10.
- Petrov, V. N., Buzmozgub, E. S., Smolnikov, A. S. - Experiment in pyrolysis of benzene raffinate in a unit with a dense bed of moving heat medium. p. 13.
- Zavilov, V. I., Shapchenko, N. I. - Extracts of gas oils from Groznyl petroleum coking residues as raw material for carbon black. p. 16.
- Orlovskiy, D. I., Chernukova, O. N. - Macrokinetics of the formation of individual products and selectivity in catalytic cracking of petroleum distillates. p. 18.
- Cherikov, I. A. B., Spirkin, V. G., Bol'shakov, G. F. - Content of petroleum sulfides in the 170 - 310°C fraction of Arlan petroleum. p. 10.
- Zolotarev, P. A., and others. - Production of high-melting resins and protective waxes from highly viscous residual fractions. p. 23.
- Iakushkin, M. I. - Synthesis of antiwear additives based on fatty acid nitriles and phosphorus pentasulfide. p. 25.
- Nikol'skaya, V. G., and others. - Net cost of gas turbine fuel production. p. 28.
- Vakhtovskiy, M. D., and others. - Planning an experiment for the optimization of the N-pentane isomerization process. p. 31.
- Molokanov, I. U. K., and others. - Studying the hydraulics of stream-type plates with sectionalized fluid flow. p. 34.
- Kashevich, N. M. - Selecting designs for reservoir covers in their modernization. p. 38.
- Efremov, G. I., Vakhreshv, I. A. - Formation of gas bubbles in various fluids flowing from cylindrical nozzles. p. 41.
- Rizantsev, N. N., Denchenko, V. S. - Evaluating anticorrosion properties of motor oils with additives. p. 46.
- Zablinskii, E. I., and others. - Selection and testing of new control fuels for ITD-2M, ITD-6 and IIT-65 units. p. 51.
- Sokolov, V. I., Katamov, R. P. - Gasoline as a stationary liquid phase in gas-liquid chromatography of hexane gasoline fraction hydrocarbons. p. 54.
- Gillzeldinov, L. P. - Nomograms for the calculation of the structural group composition of hydrocarbon fuels and oils. p. 57.
- Slitsof, L. G. - Use of propylene in the petrochemical industry in the U.S.S.A. p. 60.
- KHIMIYA TSENTRAL'NYI NAUCHNO-ISSEDOVATELSKII I PROEKTVNIY INSTITUT LFSOKHIMICHESKOS PROMYSHLENNOSTI. Nauchnyy tsentr [CENTRAL SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF THE WOOD CHEMISTRY INDUSTRY. Papers].** No. 18, 1967. Wood chemistry for the fifty years of Soviet power.
- Table of contents translated:
- Chirshchin, A. M. - Central Scientific Research and Design Institute of the Wood Chemical Industry. p. 4.
- Korshak, V. I. - Industry of dry wood distillation. p. 19.
- Platchenko, D. V. - Energochemical treatment of wood wastes. p. 29.
- Samardov, V. P. - Production of wood chemical acetic acid and acetate solvents in the U.S.S.R. p. 37.
- Gurdev, A. V., Pol'takov, P. P. - History and prospects for development of coniferous tree tapping in the U.S.S.R. p. 47.
- Filatov, V. I., Adamchukov, G. D. - Resin and terpentine production. p. 60.
- Bar'yash, I. I. - Synthetic and modified products based on resins and turpentine. p. 81.
- Vyrodov, V. A., Korovin, S. I. A. - Camphor production. p. 85.
- Teren'teva, V. V., Kopylov, V. I. - Planning enterprises of the wood chemical industry. p. 102.
- Mikheev, K. P. - Gorky organic synthesis factory. "Organika" (former resin and turpentine factory) p. 108.
- Kivlev, A. A. - Noyvo-Rudyarda Wood Chemical Combine, the first of the wood chemical industry of the Ural. p. 112.
- Molodtsov, N. K. - "Vikhidnaya" Factory, the first of the resin and wood product extraction industry. p. 116.
- Maklov, A. D. - Dmitriyevsk Wood Chemical Plant. p. 120.
- Melkaila, E. N., Berezin, I. K., Smirnov, A. I. - Syva Wood Chemical Combine. p. 125.
- Tarasov, V. A., Charkina, N. V. - Baranovsk Wood Chemical Plant. p. 129.
- Zaitkin, P. G. - Verkhnyaya Sinyachikh Wood Chemical Plant. p. 131.
- Aseova, Z. G. - Voluga Wood Chemical Combine. p. 134.
- KIEV. TSENTRAL'NYI NAUCHNO-ISSEDOVATELSKII INSTITUT SAKHARNOY PROMYSHLENNOSTI. Tрудy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE SUGAR INDUSTRY. Transactions].** No. 9, 1962.
- Table of contents translated:
- Eremenko, B. A. - Correlation of equations and characteristics of standard rules of systems of automatic control. p. 3.
- Erovenko, B. A., Tsenzura, A. I., Sidorov, B. G. - Testing the automation of a continuous column-type diffuser. p. 18.
- Erovenko, B. A., Sidorov, B. G., Tsenzura, A. I. - Testing the automation of a continuous rotary diffuser. p. 29.
- Erovenko, B. A., Sidorov, B. G., Tsenzura, A. I. - Testing the automation of a continuous inclined two-screw diffuser. p. 39.
- Erovenko, B. A., Sidorov, B. G. - Testing of an APR-5P-type pH-meter. p. 48.
- Erovenko, B. A., Sidorov, B. G., Barabanova, K. A. - Testing of electrodes for the control of pH volume under industrial conditions. p. 55.
- Erovenko, B. A., Sidorov, B. G. - Testing of electrode stations for pH control and regulation. p. 61.
- Barabanova, K. A., Sidorov, B. G. - Automatic control and regulation of saturation processes. p. 69.
- Eremenko, B. A., and others. - Testing the elements of the automatic control system of an evaporator plant. p. 75.
- Tsenzura, A. I. - Dynamics and automation of the uniting processes in a furnace with a chain grate. p. 82.
- Koval', E. T., Zagorol'ko, A. A. - Mathematical analysis of the diffusion process in rehydrating water from pressed beet pulp. p. 120.
- Koval', E. T., Zagorol'ko, A. A. - Determining the coefficient of sugar diffusion in beet liquors. p. 132.
- KOKS I KHIMIA (COKE AND CHEMISTRY).** Organ of Gosudarstvennyy komitet po khimii i tseluloznoy promyshlennosti pri Gosplane SSSR [State Committee for Pulp and Paper and Chemical Industry, Attached to the State Planning Committee of the U.S.S.R.]; 100 editors. Moscow, no. 2, 1968.
- Table of contents translated:
- Ofitser, A. I., Mikhlin, I. P. - Quality of coal for coking and ways of its improvement. p. 1.
- Kaminskii, V. S., and others. - Desulfuration of sulfurous coals by the method of hydrazine separation. p. 6.
- Bel'man, N. G., and others. - Constitutional characteristics of the PMU-13 flotation machines and results of their industrial tests. p. 11.
- Eidel'man, E. I. A. - Evaluating the effect of charge moisture on coke quality. p. 13.
- Plachuk, S. I. - Efficient shape and optimum dimensions of coke briquets. p. 16.
- Makarov, G. N., and others. - Production of fuel for smelting in rotary furnaces. p. 20.
- Vinograd, I. V., Vasil'ev, I. U. S., Solov'yev, I. M. - Distribution of streams over hydraulic models of regenerators. p. 23.
- Panter, M. K., Pilya, I. M., Spitsyn, A. K. - Selecting indices for the evaluation of the grade of highly purified naphthalene. p. 29.
- Zorukhinskiy, I. S., and others. - Automation of equipment for the rectification of naphthalene pentane mixtures. p. 32.
- Kapitula, K. G., Prokopenko, N. A. - Preparation of colloid sulfur. p. 35.
- Kharlamovskiy, G. D., and others. - Developing the technology of producing microcrystalline phosphates of ammonium. p. 37.
- Sivilev, N. M., and others. - Vitrification separation used in coal tar purification from its heaviest fractions and water. p. 41.
- Sviridov, A. K. - Changing shunting locomotives by tar washers in servicing car dumpers. p. 40.
- Zalyutskiy, V. I. - Automation of the by-product coke industry. p. 48.
- Vangilis, N. - Study and generalization of practices in preparing ammonium sulfate at the advanced plants of the U.S.S.R. and the Kazakh S.S.R., according to materials of the intralactory school. p. 49.
- Shelkov, A. K. - Getting ready for the all-Union conference of the by-product coke industry workers. p. 60.
- 50th anniversary of Nikolai Konstantinovich Kulbak. p. 68.
- Itskovskiy Alekseyevich Slavitskiy; obituary. p. 63.
- No. 4, 1968.**
- Table of contents translated:
- Fomina, A. P., and others. - Method of forecasting the optimum degree of crushing coal charges for coking. p. 1.
- Ofitser, A. I., Kleshtin, A. A. - Intensifying the process of coal breeze dehydration at coal preparation plants. p. 8.
- Pikhal-Orlyanskiy, G. A., and others. - Using neutral oils of wood chemistry for coal flotation. p. 9.
- Sogal', A. M. - Automatic regulation of the consumption and pressure of heating gas. p. 13.
- Bogdanovskiy, K. A., Antanov, V. G., Lobov, A. A. - Mechanical strength of coke. p. 16.
- Krol', V. L., and others. - Experimental blast furnace smelting on sorbit coke. p. 21.
- Kislov, B. P., Frikhberg, V. D. - Improving the quality of foundry coke. p. 25.
- Zatchenko, V. M., Gruberg, A. M., Sidulin, V. K. - Characteristics of the initial cooling of coke-coke gas. p. 27.
- Rusakovskiy, I. A., and others. - Automatic control of benzene rectification columns according to product quality indices. p. 30.
- Mikhlin, S. I. - Improving operating conditions of intermolecular columns. p. 33.
- Sokolov, V. G., and others. - Identification of C₂ hydrocarbons in the ethylene fraction with the aid of mass spectrometry. p. 36.
- Kontravov, V. K., and others. - Potentiometric method of analyzing coal bases. p. 38.
- Gorin, L. K., and others. - Preparation of xylitol with a low polyvinyl-benzo content. p. 43.
- Tarasov, A. S., Nagibin, O. F., Veritkov, A. L. - Experience in the operation of drum dryers with a capacity of 300 tons per hour. p. 43.

- Maksimov, I. A. - Effect of the degree of vessel filling by the substances on the thermal decomposition of liquid aromatic nitro compounds. p. 86.
- Maksimov, I. A., Korovin, V. A. - Effect of the dimensions of crystals on the thermal decomposition of aromatic polyaromatic compounds. p. 92.
- Andreev, K. K., Sun T'shun-lai [Sun Ch'un-lai]. Study of thermal decomposition of ammonium perchlorate and some mixtures based on it. p. 99.
- Svetlov, B. S., Koroban, V. A., Ivanova, L. D. - Self-inhibition in the thermal decomposition of ammonium perchlorate. p. 119.
- Andreev, K. K. - Basic factors determining the possibility of the combustion of porous explosives changing over from normal to accelerated conditions. p. 126.
- Andreev, K. K., Gorbunov, V. V. - Stability of normal combustion of powdered explosives. p. 135.
- Andreev, K. K., Gorbunov, V. V. - Effect of combustion conditions and charge characteristics on the stability of combustion of powdered explosives. p. 149.
- Andreev, K. K., Rogozhnikov, V. M. - Effect of some combustible additives on the stability of combustion of ammonium nitrate and perchlorate mixtures based on it. p. 183.
- Andreev, K. K., Rogozhnikov, V. M. - Combustion under increasing pressure of powdered ammonium perchlorate and its mixtures with aluminum. p. 170.
- Andreev, K. K., Rogozhnikov, V. M. - Some factors for determining the development of combustion acceleration of powdered explosives under increasing pressure. p. 190.
- Kondrikov, B. N. - Effect of density, magnitude, and structure of a charge on the combustion of porous materials at atmospheric pressure. p. 198.
- Kondrikov, B. N., Ma Chün-lun [Ma Ch'in-yün] - Effect of pressure and temperature on the combustion of powdered explosives of low density charges. p. 207.
- Babailov, I. V., Kondrikov, B. N. - Intensity of self-ignition fusing and liquefying at heating of explosives. p. 222.
- Andreev, K. K. - Combustion of explosives transforming into detonation. p. 237.
- Andreev, K. K., Vilasov, M. S. - Dependence of the combustion rate of explosives on initial temperature. p. 263.
- Andreev, K. K., Rogozhnikov, V. M. - Initiation of explosives. p. 289.
- Annikov, V. E., Kondrikov, B. N. - Effect of pressure on the capacity of secondary explosives to combustion. p. 300.
- Andreev, K. K., Kholm, V. G., Kriger, G. E. - Capacity of explosives to combustion. p. 306.
- Andreev, K. K., Glazkova, A. P. - Effect of some additives on combustion of ammonium nitrate. p. 314.
- Andreev, K. K., Glazkova, A. P. - Combustion of dimethylammonium and aminates. p. 321.
- Svetlov, B. S., Fogel'zang, A. E. - Pressure dependence of the combustion rate of some salts of explosive acids. p. 328.
- Kondrikov, B. N., Svetlov, B. S., Fogel'zang, A. E. - Study of the combustion of potassium perchlorate. p. 338.
- Gol'dbinder, A. I., Tyslovich, V. F. - Further study of channeling effect. p. 340.
- Andreev, K. K. - Thermochemical aspect of the reactions of obtaining explosive compounds. p. 302.
- Thermochemistry of the perchlorates of metals. p. 364.
- Konstantin Konstantinovich Andreev; obituary. p. 368.
- Arkadii Izraelovich Gol'dbinder; obituary. p. 376.
- parameters for the production of facade tiles with single firing in roller furnaces. p. 29.
- Ostrovskii, O. P., Kornienko, V. E., Sklarenko, N. G. - Effect of the width of a tunnel kiln channel on the uniformity of firing of the products. p. 32.
- Zil'ber, L. S., Sakharov, I. M., Smirnova, V. N. - Device for the control of sintered furnace rollers and for signaling their breakdown. p. 35.
- Abramian, A. V., Abramian, V. G., Melnikan, M. T. - Ryno-basalts are a raw material for the production of stone ceramics by extrusion. p. 37.
- Gelashvili, V. E., Zhukovskii, V. V. - Adopting the production of telegraph insulators on automatic lines. p. 39.
- Kravets, M. I. - New method of preheating the retining zone of an electric glass furnace. p. 41.
- Kuznetsov, V. V., Stepanov, V. S., Podolskaya, I. A. - Perfecting the technology and improving the working conditions in the production of Mel-lach tiles. p. 41.
- Lugavskii, J. - At the Panevezys Glass Plant. p. 43.
- Conference of the active members of the porcelain-facade industry in the Ministry of Manufactures of the Ukrainian S.S.R. p. 45.
- V. P. Sorokov's 85th birthday. p. 16.
- ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 41, no. 3, Mar. 1968.
- Table of contents translated:
- Mokhosev, M. V., Got'manova, T. T., Krivobok, V. I. - Purification of cadmium nitrate crystal hydrate. p. 469.
- Filatov, I. V., Mukhlenov, I. P. - Oxidation of concentrated sulfur dioxide in a fluidized bed of a catalyst. p. 475.
- Tsichomskaya, T. F., Dubrov, S. K. - Crystallization of the glasses of composition $Li_2O \cdot Ca_2O \cdot O_3 \cdot 2SiO_2$. p. 480.
- Trochitsenko, L. A., Ivanov, V. P., Pozin, M. E. - Equilibrium between nitrogen oxides and nitric acid solutions. p. 487.
- Danilina, I. N., and others. - Phase diagram of the system zirconium - nitride zirconium - zirconium carbide. p. 492.
- Ursovekska, L. N., Kostomarov, V. N., Sinikae, R. I. - Study of the glass formation and properties of fluoronitrophosphoric glasses. p. 500.
- Shecherbakov, V. K., Kuznetsov, S. I. - Interphase tension at the interface of aluminum-alkali solutions. p. 505.
- Argon, A. A., Dan'kovskaya, I. B., Zil'bershteyn, Kh. I. - Study of titanium corrosion in silicate melt using the emission spectral analysis method. p. 509.
- Shchegolev, V. A., Suetkov, V. N., El'tsov, V. A. - Electrochemical production of sodium chlorate. p. 514.
- Zhigalova, E. S., Balashev, K. P. - Study of the surface of titanium etching in acids. p. 521.
- Shchek, V. A., Bolshimova, E. S. - Synthesis and study of inorganic ion exchanger based on zirconium and vanadium. p. 526.
- Manvolina, M. G., Sankin, K. G. - Studying corrosion of some structural steels in the alkaline silica solutions. p. 531.
- Lolot, A. M., Kachanova, N. N., Pultova, I. N. - Chemical transformations of sorbic acid on iron and nickel surface during their acid corrosion. p. 543.
- Matysheva, T. V., Afanas'ov, A. S., Grigor'eva, I. D. - Temperature effect on the rate of ester removal from the surface of low-carbon steel. p. 559.
- Fedorov, N. P., and others. - Effect of physico-chemical properties of copper deposits on fatigue strength of steels. p. 545.
- Kraglikova, N. M., Pashkov, A. B. - Redox polymers with the improved kinetic properties. p. 561.
- Grigorov, O. N., Grigorova, E. V., Kaluzhnaia, I. M. - Studying the effect of electrocatalysts on the kinetics of capillary rise and distribution of moisture in quartz powder diaphragms. p. 557.
- Posolonsko, A. I., Derzhenko, V. S., Bosenko, I. I. - Use of hydrocyclones for removing waste liquids from soda in manufacturing sodium hydroxide by the lime method. p. 563.
- Popov, V. V. - Calculation of multicomponent rectification. p. 566.
- Mol'nikov, B. G. - Analysis of the equation of concentrations of the stopped countercurrent interphase exchange. p. 571.
- Kogan, E. A., Evdokimov, O. I. A. - Study of the effect of the processes of complexing of germanium with tartaric acid on its sorption from the solutions by activated carbon. p. 579.
- Rufakovskii, T. S., and others. - Study of the phase equilibrium in a triple mixture vinylacetate - methanol - water. p. 583.
- Babich, S. V., and others. - Study of the liquid - vapor phase equilibrium in the system ethylacetate - ethanol - methyl ethyl ketone at atmospheric pressure. p. 589.
- Shabarov, M. A., Saldadze, K. M. - Resistance of anion exchanger AV - 17 to the healing in phenol and acetone. p. 592.
- Rogdanov, V. S., Khabibullin, M. F. - Separation of xylenes by the elutriation of beryllium hydroxy-benzate. p. 598.
- Vasil'eva, T. M., Boltrakala, R. K., Grigor'ev, O. P. - Acid characteristics of some preparations of lignin determined by the use of the high-frequency titration method. p. 603.
- Vasil'ev, A. A., Tsygankova, T. S., Matrosova, V. S. - Studying the properties of some sulfonic ion exchangers based on linear polymers. p. 609.
- Kirushina, M. F., Tishchenko, D. V. - Clarification of chemical nature of soda lignin. p. 613.
- Klenkova, N. I., and others. - Obtaining the cellulose triacetates of high degree of polymerization. p. 620.
- Utevalik, L. E., and others. - Kinetics of imparting waterproofing to extruded polyvinyl alcohol fibers in the thermalization process. p. 627.
- Ivanovskii, I. A., Ponomareva, I. P. - Chlorination of titanium-magnesium slag. p. 631.
- Temkin, O. N., and others. - Determination of water vapor pressure over the solutions of $CaCl_2 \cdot 6H_2O$. p. 633.
- Lobachevich, N. P., and others. - Change of the activity of silicon-copper alloys in the synthesis of methylchlorosilanes in storage. p. 635.
- Kushnir, M. M. - Effect of some impurities on the content of iron in the solutions of alkyl pyridines. p. 638.
- Zelotavin, V. L., Iatsonko, A. P., Kurumchin, Kh. A. - Removal of sodium from solutions containing vanadium by the method of electrorefining. p. 640.
- Mahovets, V. P., and others. - Density of the solutions of the system $Na_2O \cdot K_2O \cdot H_2O$ in a wide range of temperatures and concentrations. p. 643.
- Kushchenko, V. V., Mischenko, K. P. - Pressure of acetonitrile vapors and NaCl solutions in acetonitrile at temperatures from 5 to 55°. p. 646.
- Gonecharenko, A. S. - Electromigration of perchlorate ions. p. 648.
- Skorchel'ev, V. V., Mukhinovskii, I. A., Kohna, S. S. - Studying the corrosion structure of the surface of alloys of the system Cu - Ni by the method of measuring the work function of an electron after the 10% ammonia solution. p. 651.
- Grigor'ian, I. G., and others. - Calculation of the relative coefficients of plain inflexes. p. 652.
- Feldman, I. Kh., Borlin, A. I., Kozminskii, M. A. - Hydrochloric acid gasolines. p. 656.
- Iutskii, A. I. - Qualitative chromatographic analysis of simple phenols. p. 656.
- Veselinskii, N. A., and others. - Some spectral features of the reduction of germanium dioxide by hydrogen. p. 657.
- Moschinskii, N. K., Karatev, A. M., Glukhinskii, N. G. - Continuous process of the condensation of benzyl chloride, p-xylol chloride and p-xylene dichloride with toluene. p. 660.
- Turnin, V. M., Chikharov, I. G. - Use of ion exchange resin for esterification of adipic acid. p. 662.
- Il'chenkov, G. N., Likhovova, G. N. - Preparation of diketosuccinic acid. p. 664.
- Iangulians, V. I., Khomko, S. V. - Condensation of some terpene hydrocarbons with formaldehyde in the presence of cation exchange resin KU-2. p. 666.
- Leitman, I. A., Pevzner, M. S. - Catalytic synthesis of N,N-diethylamide of the aliphatic carboxylic acids. p. 668.
- Mazo, L. D., Ezreleev, A. I., Ioskin, I. S. - Synthesis of acrylonitrile copolymers containing highly reactive nitrile groups. p. 670.
- Ivashina, G. N., Kaplan, S. Z., Mischenko, K. P. - Some spectral features of the oxidation of duralin in the presence of polymethylacrylate. p. 671.
- Lapin, V. V., Tishchenko, D. V. - Compounds of iron in kanlins. p. 677.
- Masella, D. D., Grigor'ev, G. P. - Infrared spectra of lignin preparations. p. 679.
- Maitalina, D. D., Grigor'ev, G. P. - Kinetic method of high-frequency titration. p. 682.
- El'mova, L. F., Kaplan, S. Z. - Study of the oxidation of naphthene-paraffin fraction and polymethylacrylate solution in it by the inhibition method. p. 684.
- Starkov, S. P., Ivanov, B. A., Volkovich, M. N. - Mono- and dialkylates of guanine by the olefins on cation exchanger KU-2. p. 686.
- Iangulians, V. I., Khafimova, T. G., Arkhipova, A. I. - Condensation of phenylbutadiene with formaldehyde in the presence of KU-2. p. 690.
- d. CIVIL & CONSTRUCTION ENGINEERING
- AKADEMIJA KOMMUNAL'NOGO KHOSIAISTVA. Nauchnoye izysshivanie [ACADEMY OF COMMUNAL ECONOMY. Studies]. Moscow, no. 42, 1968. Protection of underground structures against corrosion.
- Table of contents translated:
- Strizhevskii, I. V., Dmitriev, V. I. - Solution methods of mathematical problems in connection with the determination of electrocorrosion danger and relative protective measures for underground metal structures. p. 4.

- Al'tshuler, B. A., Begomolova, N. M. - Deformability of eccentrically compressed reinforced concrete elements under thermal effect, p. 30.
- Bellac, V. M., Fick, V. K. - Using electronic computers in designing structural elements for rural buildings, p. 32.
- Krasnovskii, R. O., Krul', I. S., Shchisova, M. A. - Methodology of testing concrete for axial tension, p. 33.
- Vilch, F. I. - Calculating plates by the limit equilibrium method considering a more precise fracture diagram, p. 36.
- Schakova, M. T. - Manufacture and use of foamed perlite in Bulgaria, Hungary, and Czechoslovakia, p. 39.
- Perfect methods of concreting site cast structural elements, p. 39.

BULLETIN STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi nauchno-pedagogicheskiy tsentr SSSR [State Committee for Construction of the U. S. S. R.], Moscow, vol. 28, no. 1, Jan. 1967.

- Table of contents translated:
- Bakuna, P. F. - Ways of increasing the technical level of construction during the new five-year plan period, p. 1.
- Ensuring the introduction of new innovations for construction, p. 6.
- Improving the quality of construction in seismic areas, p. 8.
- Movable task forces for rural construction, p. 10.
- Standard documents in design and construction: Instructions for determining estimates of maximum spring water flow, p. 11.
- Instructions for planning highway constructions, p. 12.
- New State Standards:
- Mortars, Testing methods, p. 14.
- Methods of testing and evaluating the strength, rigidity, and crack resistance of precast reinforced concrete products, p. 16.
- Method of laboratory determination of shear resistance of soils, p. 19.
- Hollow glass blocks, p. 20.
- Use of standard reinforced concrete structural components in aggressive air media, p. 22.
- Loading caused by suspension cranes, p. 25.
- New types of gates for industrial buildings, p. 26.
- Shkinev, A. N. - Possibilities of lowering the construction cost, p. 27.
- At the State Committee on Construction of the Council of Ministers of the U. S. S. R., p. 29.
- At the State Committee for Civil Engineering and Architecture at the State Committee on Construction of the Council of Ministers of the U. S. S. R., p. 30.
- At the State Committees on Construction of the Union Republics:
- At the State Committee on Construction of the Council of Ministers of the R. S. F. S. R., p. 32.
- Moloshko, I. A. F. - At the State Committee on Construction of the Council of Ministers of the Ukrainian S. S. R., p. 33.
- In design institutes:
- Prikhodko, A. P. - Schematographs in designing, p. 35.
- At construction sites of the ministries and departments:
- Prilakova, L. V. - Experience of using agiopelite in the construction of highway bridges, p. 39.
- At the Exhibition of Achievements of the National Economy of the U. S. S. R.:
- Shishov, A. A. - Anniversary exhibition of the "Construction" section, p. 40.
- Foreign practice:
- Fatimovskii, A. V. - Computer technology in construction planning in the German Democratic Republic, p. 42.
- All-Union conference on the lasting quality of structures, p. 44.
- Solodovnikov, V. E. - Conference and seminar on erecting pile foundations, p. 46.
- Third seminar of industrial correspondents, p. 58.

GIDROTEKHNIЧЕСКОЕ СТРОИТЕЛЬСТВО [HYDROTECHNICAL CONSTRUCTION]. Organ of Gosudarstvennyi nauchno-pedagogicheskiy tsentr SSSR [State Committee for Construction of the U. S. S. R.], Moscow, vol. 30, no. 8, Aug. 1966.

- Table of contents translated:
- Durtsov, G. S. - The Kanev Hydroelectric Power Station on the Dniester River, p. 1.
- Kuzhik, S. V. - Conditions of engineering geology in the construction of the Kanev Hydroelectric Power Station, p. 7.
- Derzhin, A. P. - Drainage of rock excavation sites for hydroelectric power plant complexes, p. 11.
- Duzhonko, M. G., and others. - Formulas for cement-sand mixtures used in gunning, p. 14.
- Adamcenkov, A. A., Alasjuk, G. I. A. - Strength of the joint between prefabricated reinforced concrete

- elements and concrete blocks, p. 16.
- Mikhailov, O. V. - Experimental study of joints in consolidated assembly structures, p. 19.
- Tartakovskii, D. M., Vasil'ev, I. M. - Determination of an earth dam strength by its nonuniform deformation, p. 25.
- Golitsman, V. Kh. - Calculation formulas for the stability of earth dam slopes, p. 30.
- Arshenevskii, N. N., and others. - Changing the regime regulation of hydropower units as a way to reduce the construction cost of hydroelectric power plants, p. 33.
- Urb, V. D. - Accuracy of the experimental determination of power characteristics in hydropower units, p. 36.
- Zakharov, A. F. - Gas showings in hydroelectric power plant sites of the Lower Dnieper, p. 40.
- Vorobiev, A. S. - Field investigation of spillway capacities in Khushroo Hydroelectric Power Station, p. 43.
- Saichuk, G. P. - Planned velocity diagram in a rectangular channel and selection of channel parameters, p. 45.
- Boklinov, E. G., Loechevskii, B. B. - New calculation standards of maximum water discharge for designing of hydraulic structures on rivers, p. 48.
- Lomala, P. S. - Design and construction of linings in high pressure water conduits, p. 51.
- Lapshin, G. N. - Coordination conference on design, construction, operation and investigation of reservoirs, p. 57.
- Karpyshev, E. S. - Industrial and technical conference of Gidroproekt investigation workers, p. 58.
- Mikhail Fedorovich Korotkiy, obituary, p. 62.
- Nikolai Aleksandrovich Ogrodnikov, obituary, p. 62.
- Dmitrii Sergeevich Sokolov, obituary, p. 63.

Vol. 37, no. 3, Jan. 1967.

- Table of contents translated:
- Itanov, V. A., Vozdvizhenskii, V. I. - Water power resources of the U. S. S. R. and their use, p. 1.
- Pradkin, I. Z. - Earth-fill embankments of Volga-Baltic Sea waterway, p. 10.
- Svanadze, D. A. - Reinforced concrete tie-beams used for tunnel bracing of Ingur River Hydroelectric Power Station, p. 13.
- Ur'ev, N. B., Khmanova, A. P., Mikhailov, N. V. - Study of pressure grouting mixes with colloidal cement used in hydraulic structures, p. 16.
- Landau, I. A. - Studying strength of cellular structures made of prefabricated slabs, p. 21.
- Shiro, E. P. - Experience with operation of trash-rack at the Volga Hydroelectric Power Station named after V. I. Lenin, p. 23.
- Serfov, V. S. - Operation of hydroelectric power station water intake with slus in piers, p. 27.
- Tkhinvalch, G. Kh., Tchelishvili, M. I. - Using polymeric materials for restoration of damaged turbine draft tube, p. 30.
- Russo, G. A. - Principal characteristics of a hydraulic jump wave, p. 31.
- Studying hydrodynamic characteristics at the boundaries of tail water stream with free overflow spillway, p. 32.
- Shcheglov, A. V. - Some characteristics of winter flow in middle Vltava River, p. 37.
- Besprozvannaya, I. M. - Design of retaining walls taking into consideration their rigidity, displacements and foundation deformations, p. 39.
- Platonov, V. A. - 20th anniversary of the "Gidromekhanizatsiya" Trust, p. 45.
- Satromov, A. I. - Soil compaction equipment, p. 49.
- Ref'dzhan, A. L., Lavrov, B. A. - Computation of arcs and static moments of diagrams by the constant factor method, p. 52.
- Shashkov, A. G., Lar'e, A. I. A. - Centralized repair organization for Dnieper Hydroelectric Power Station Cascade, p. 55.
- Vartan Georgievich Alvanz'tan's 60th birthday, p. 62.

Vol. 38, no. 12, Dec. 1967.

- Table of contents translated:
- Levch, O. O. - Contribution of the science and engineering communities to the development of U. S. S. R. hydropower resources, p. 2.
- Kuznetsov, N. N., Petrovskii, S. F., Skvortsova, E. G. - Conditions for the construction of pump-storage hydroelectric power stations in the north-western power pool, p. 5.
- Korobova, D. N. - Technical and economic conditions for the gradual development of hydroelectric power station capacity, p. 8.
- Bronshtein, B. E., Khadzhikov, S. Z. - Operation of the inverted siphon in the Svernyi Donets - Donbass Canal, p. 10.
- Gal'perin, I. G., Zarkhin, B. M. - Construction of an antiseepage cutoff wall for building up the core of the Pavlovsk Hydroelectric Power Station earth dam, p. 14.
- Panfilov, V. S. - Use of water transportation with sluting for rock materials in the construction of the Asvan Dam tunnels, p. 16.
- Ertsov, V. S. - Experimental studies of pressure tunnel linings in anisotropic rocks, p. 18.
- Kozin, V. N. - Plotting of free surface curves in tubes

- with a circular cross section, p. 21.
- Mezimev, D. I. - Elastic response factor of the sand filler on the sides of dock-type lock chamber walls, p. 24.
- The Ninth International Congress on Large Dams, p. 28.
- Savich, A. I., Iashchenko, Z. G. - Application of seismic-acoustic methods for the determination of rock deformability of hydraulic structure foundations, p. 29.
- The 12th Congress of the International Association on Hydraulic Research, p. 36.
- Gajnev, S. I. - Consolidation of frozen foundation ground by cooling, p. 37.
- Ginzburg, M. B. - The First International Congress on Rock Mechanics, p. 39.
- Sufonov, A. I. - The Sixth Scientific and Technical Conference of "Gidroproekt" Institute young specialists, p. 41.
- Ban, I. M., Smolantich, V. S. - Hydraulic engineering in Soviet philately, p. 41.
- Poritskii, M. O. - Cavitation phenomena in hydraulic turbines, p. 42.
- Antoni Arkad'evich Beschinskii's sixtieth birthday, p. 43.
- Levan Grigor'evich Gvircsiani's sixtieth birthday, p. 44.
- Vol. 38, no. 5, May 1968.
- Table of contents translated:
- Toleshov, V. I., Sosnenov, N. G. - Hydroelectric power plant on the Mannakar River, p. 1.
- Romashin, A. N., Garnov, V. V. - Calculating the effect of shrook blasts, p. 5.
- Sokolov, I. A. F., Shapovalov, G. I. - Construction of a rockfill dam with the help of directed blasting, p. 9.
- Khagerovich, M. I., Nabikov, A. B., Volgin, I. I. - Increasing the durability of steam-cured reinforced concrete members used in hydraulic constructions, p. 12.
- Kidofman, S. I. A., Maklonskii, G. M. - Thermal stresses of experimental long concrete fills in Bratsk GCS during its construction, p. 17.
- Gavrilin, P. D., Buhnikov, E. L. - Yield investigations of the fillets of Kiev GCS structures, p. 23.
- Khilov, A. P. - Morphism of water seepage through concrete, p. 28.
- Mavruil, V. Kh. - Formation of soilform composition and its quantitative distribution at the banks of large water reservoirs, p. 32.
- Use of the dynamic programming method for the optimization of a hydroelectric power plant operation during the original filling time of overyear storage reservoir, p. 35.
- Slaskii, S. M., Kfir Ansari Akhmet Kzzal. - Calculation of pressure and velocities at the curved section of pressure water outlets for the purpose of their cavitation forecast, p. 38.
- Bulnov, D. A., Karsanov, A. N. - Studying the flow in a bolt-type draft tube of a hydroelectric, p. 42.
- Dubrovina, G. A. - Determination of soil pressure on retaining walls: unsolved problems, p. 45.
- Adams'ov, V. P. - Determining ice strength in hydraulic structures, p. 46.
- Zolotarev, G. S. - Formation and stability of landslides and slump slopes in folded-rock mountainous regions, p. 52.
- Ogurtsov, A. I., Korshunov, M. G. - Automatic underwater sampler of cohesionless soils, p. 58.
- Skladnev, M. T., Levil, G. O. - Boris Pavlovich Fortingov, 60th birthday, p. 62.
- Shevelonko, I. N. - Concluding conference on research work, design and construction of dams from local materials, p. 3 of cover.

LENINGRAD, INSTITUT INZHENEROV ZHELEZNO-DOZHOZINOGO TRANSPORTA. Sbornik trudov [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Paper]. Moscow, no. 248, 1968. Problems of tracks and track maintenance.

- Table of contents translated:
- Fenlov, I. N. - Investigating forces of dynamic interaction of wheels and rails at frog points with moving pairs, p. 3.
- Abrosimov, V. I. - Rough spots in frogs of the 1850 type of the 1/11 trademark and the dynamic force of interaction of the wheels and rails, p. 15.
- Smirnov, M. P. - Deformations and stresses of rail linos at switches on moving rolling stock with 40-50-ton static axial load, p. 30.
- Borozovskii, M. V. - Compact switches for industrial railroads, p. 63.
- Bludov, L. E. - Combined switches with curvilinear frogs, p. 80.
- Andreev, G. E. - First results of operating a railroad line with narrowed gauge, p. 100.
- Ethnov, V. P. - Methods of determining residual stresses in rails, p. 112.
- Smirnov, M. P. - Special features of technological linos of metallurgical plants, p. 112.
- Skorodumov, G. E. - Rail base for heavily traveled freight and express lines, p. 141.
- Grochuk, V. S. - Results of testing rail-grinding cars with nationally made equipment, p. 147.
- Bozhovt'nov, B. P. - Designing structures controlling snow avalanches, p. 160.

- Khalilov, N. P. - Measures against scale formation in seawater evaporators by the granular additive method. p. 26.
- Glazkov, V. A., Barmenkov, R. A. - Study of the plastic sprinkler used in vent coolers. p. 31.
- Zubov, I. B. - Water hammer in a water pipe with an air chamber. p. 36.
- Popov, V. S. - Modern methods of regulating centrifugal pumps. p. 41.
- Baranov, V. A., Garova, V. S. - Calculation of salt flow in small rivers by the single ion method. p. 46.

No. 16, 1987.

- Table of contents translated:
- Kliachko, V. A. - Research works of the VODGEO Institute in the field of water treatment. p. 1.
- Apel'stin, I. E., Zolotova, E. F. - Developing a production method for semitransparent dolomite filter fill. p. 3.
- Tseldner, V. P. - Effect of acid wash of sulfonated coal on its exchange capacity. p. 6.
- Ase, G. U. - Oxidizing bivalent iron by air oxygen during the deferrization process of underground water. p. 8.
- Petrova, I. G. - Results of experimental studies on the clarification of water with high content of suspended matter. p. 10.
- Kucherenko, D. I. - Experimental study of the water purification method in order to prevent carbonate deposition in water recirculation systems. p. 13.
- Apel'stin, I. E., Khalilov, N. P. - Prevention of scale formation in seawater evaporators by water-repellent coatings of heat exchange surfaces. p. 18.
- Khalilov, N. P. - Studying the use of surface-active agents as scale formation preventives in seawater evaporators. p. 21.
- Ushakov, L. D. - Studying water flow conditions in columns of the electrodynamic desalination apparatus. p. 24.
- Ushakov, L. D. - Studying the electric resistance of an electrodynamic apparatus. p. 30.
- Proshin, K. A. - Experimental studies of plotting a phase diagram for the system "industrial isobutene - sodium chloride water solutions." p. 33.
- Karelin, F. N. - Principles of the desalination process using the superfiltration method. p. 38.
- El'mov, I. U. N. - Water desalting apparatus using porous electrodes. p. 43.
- Levonen, O. I. - Water desalination by the extraction method. p. 46.
- Ellin, V. N. - Hydraulic investigation of cast iron water pipes with inside polyethylene coating. p. 48.
- Kashin, A. G. - Purification of regeneration solution waste by the electrodynamic method. p. 51.
- Dmitriyev, A. S., Smirnov, D. N. - Automatic control system for the water decarbonization process. p. 53.
- Glazkov, V. A., Barmenkov, R. A. - Studying the sprinkler heads for water cooling towers. p. 57.
- Golovinsk, V. I., and others. - Comparative evaluation of various design cast iron water pipes with rubber seal butt joints. p. 58.
- Egorov, A. I. - Studying the discharge pattern of streams from distributing pipe outlets. p. 63.
- Glazkov, V. A., Barmenkov, R. A. - Laboratory research on the treatment of waterworks water with corrosion inhibitors. p. 66.

OSNOVANIYA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyy komitet SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 8, no. 4, 1988.

- Table of contents translated:
- Berezanets, V. G. - Determination of the resistance limit of sand under the point of a pile by the static penetration method. p. 1.
- Okulova, M. N. - Studying the stressed state of sands near a loaded plate. p. 5.
- Svinitskiy, I. R. - Calculation of plastic deformation during the percussive compaction of soils. p. 8.
- Bronshel'n, B. E., Gorkunov, A. S., Khadzhinov, S. Z. - Standard and rating characteristics of quaternary clays in the Donets Basin. p. 11.
- Vargin, M. N. - Effect of side walls of an experimental box on soil pressure measurements. p. 12.
- Buror, E. S., Sorochan, F. A., Chumikhin, V. G. - Study of swelling and shrinking clays in the Korch region. p. 14.
- Goncharov, B. V. - Soil resistance during pile penetration. p. 17.
- Bogolubov, K. S. - Experience with the use of the UVV-1 vacuum water draining device. p. 19.
- Malyshev, M. V. - Calculation of foundation settlement on thawing soils. p. 20.
- Stepanov, V. I., Sviridova, V. P. - Studying the effect of temperature of unheated collars on the depth of freezing of foundation soils. p. 24.
- Gaitukhi, V. G., Kreglov, I. N., Elduk, R. P. - Deep compaction of settling soils by percussive boring machines. p. 25.
- Dolgikh, P. D. - Strengthening of settling loess soils

- by injection of a lime-slag suspension. p. 28.
- Guseva, V. I. - Use of peat soils in western Siberia as a natural foundation. p. 29.
- Grigoriy, A. A., and others. - Testing of a large-panel building with yielding construction on settling soil. p. 31.
- Kozlov, S. M. - Studying the interaction of an anchor device with soil by the photoelastic method. p. 31.
- Grigor'ev, V. A., Elizer, P. I. - New design of a tip for instruments used for the determination of friction and cohesion of cohesive soils. p. 35.
- Solntkov, S. N. - 24th Scientific Conference of the Leningrad Civil Engineering Institute. p. 36.
- Khamov, A. P. - Seminar on pile foundations in weak soils. p. 36.
- Staritskiy, A. P. - Provisional rules on the designing of underground storage in stable rocks. SN 310-65. p. 38.

Vol. 8, no. 6, 1988.

- Table of contents translated:
- Kovalev, K. V., Le Cong Chang. - Calculation of a ring on a compressible layer. p. 1.
- Cherkasov, I. I. - Mechanism of the residual deformation in brittle and porous materials. p. 2.
- Amalin, L. S. - Shear resistance of weak soils in their natural occurrence. p. 6.
- Sakubshina, G. A., Klykova, Z. V. - Nomenclature criteria for settling soils. p. 6.
- Fedorov, V. I. - Effect of structural disturbance on the depth of seasonal freezing of clay soils. p. 8.
- Kanantsev, A. S. - Experimental study of the stability to anchor foundations. p. 9.
- Maritskiy, A. T. - Calculation of shear stress in foundation cantilevers. p. 12.
- Radugin, A. E. - Studying effect of "rest" of driven piles on their bearing capacity. p. 14.
- Bulychev, V. G., and others. - Suspended device for the dynamic testing of piles. p. 16.
- Khamov, A. P. - Interaction of piles in single row and group pile foundations. p. 17.
- Gorbanov, B. P., Chuvpikov, V. K. - Determining optimal conditions for electrojetion. p. 21.
- Lazarev, I. A. - Strengthening loess soils by a ro-sol paraformaldehyde solution. p. 23.
- Asatunov, V. V. - Classification of element methods of strengthening soils in foundations of buildings and structures. p. 24.
- Fel'tova, N. N., Shetina, V. I. - Distribution of stresses in the lining of a round tunnel under conditions of parallel tunneling. p. 26.
- Markin, K. F. - Modeling the deformation of pile foundations in permafrost soils. p. 29.
- Senokosov, V. P. - Strengthening of loess soils by cement suspensions. p. 32.
- Nikitin, I. S. - Calculation of the water regime in foundations of industrial structures. p. 33.
- Knyazki, I. G. - Diagrams for the selection of pile foundations. p. 35.
- Eight International Congress on Geocryology. p. 38.
- Nikolai (Akovlevich) Denisov; obituary. p. 40.
- Rudolf (Vasilievich) Sorochan; obituary. p. 43 of cover.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo otkrany obshchestvennogo porjaska RSFSR [Ministry for the Protection of Public Order of the R. S. F. S. R.]. Moscow, no. 6, June 1989.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyy komitet Sovmin SSSR po delam stroitel'stva and Tsentrallyy nauchno-issledovatel'skiy obshchestva stroitel'noy industrii [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 41, no. 7, 1987.

- Table of contents translated:
- Staf'noi, L. I. - At the construction site of a combine in Alma-Ata. p. 3.
- Noimark, M. S. - Experience gained from the construction of a central coal-dressing plant. p. 8.
- Dybinin, A. A. - Computer techniques in planning. p. 7.
- Iakobson, I. A. M. - Problems in manufacturing precast reinforced concrete structural elements for industrial construction. p. 8.
- Shishkin, R. G. - Standardizing reinforcing structures for standard reinforced concrete structural elements. p. 11.
- Man'kin, A. M. - Box-shaped roofing for single-story buildings. p. 13.
- Afonin, I. A., and others. - Erection diagram for a standard multi-story industrial building. p. 15.
- Aleksandrov, V. E., Mikhailevskiy, P. I., Svirikov, V. V. - Blasting concrete foundations. p. 19.
- Moskvina, V. M., Sivirina, I. A., Lakub, I. U. - Protection of underground reinforced concrete structural elements against corrosion by water admixtures. p. 22.
- Blugor, F. G., and others. - Joints of the elements of a prefabricated elevator. p. 25.
- Arben'ev, A. E., Lysov, V. P. - Strength of concrete during the electric heating of a mixture in winter. p. 29.
- Liberman, A. D., Bolinskiy, I. A., Sveshnikov, G. V. -

- Combined roof slabs for industrial buildings. p. 31.
- Ilfkin, V. S. - Electric arc installation for making holes and cutting reinforced concrete structural elements. p. 33.
- Ostrovskiy, G. M., Azharmachev, G. A. - Experimental investigation of free vibrations of large-span metal trusses. p. 36.
- Kochergova, E. E. - Effect of fatigue damage on the brittle strength of low-carbon steel. p. 36.
- Berganov, A. P. - Experience gained from using wood fiber boards for roofs of industrial buildings. p. 40.
- Gal'chinskiy, L. V., Osnuk, M. I. - Preparation of horizontally arranged rod reinforcement for flash welding. p. 42.
- Mizornuk, B. N., Ilyakov, I. D. - Results from testing nonstandard reinforced concrete trusses. p. 44.
- Chukov, A. V., Chelnokova, V. M. - Corrosion of element floors in yeast plants. p. 45.
- Grigorov, I. P., Peropelkin, A. A. - Pile bench marks for sagging soils. p. 48.
- Bronshel'n, G. S., Vizirov, I. V. - Surveying and laying crane tracks with PTP instruments. p. 47.

PROMYSHLENNOE STROITEL'STVO I INZHENERNYE SOORUZHENIYA [INDUSTRIAL CONSTRUCTION AND ENGINEERING STRUCTURES]. Issued by Gosudarstvennyy komitet po delam stroitel'stva SSSR [State Committee for Construction in the (Soviet) S. S. R.] and others. Kiev, vol. 10, no. 1/601, Jan.-Feb. 1989.

- Table of contents translated:
- Arashkovich, V. - Problems facing various organizations of the Ministry of Industrial Construction of the Ukrainian S. S. R. in 1988. p. 1.
- Vorbil'skiy, E. - Designing lightly loaded gantries. p. 3.
- Stain, I. - Operational features of open crane tracks. p. 5.
- Morozov, G., Azaruev, V. - Experience gained from assembling the electrical equipment of the "250" rolling mill. p. 8.
- Iagorarov, Kh. - Frame of a multi-story industrial building with vertical girders. p. 10.
- Uman'skiy, B. - Constructing the main building of a plant for concentrated anthracene. p. 12.
- Kiprich, K., Ryzhik, A., Tashkovskiy, B. - Hoof erection by protrusion in an operating plant. p. 14.
- Dmitriyev, I. U., and others. - 3x12m prestressed reinforced concrete roof slabs for industrial buildings with a transverse strand reinforcement. p. 17.
- Svetlov, A., Ilkhin, V., Karnushenko, V. - 3x6m ribbed slabs with wire reinforcement for industrial buildings. p. 19.
- Dulaovskiy, P., Pitsko, E. - Industrial structure elements in precast concrete for multi-story frame buildings. p. 22.
- Lankolovich, M. - Experimental study of the design of a rectangular shell. p. 23.
- Semenov, A., Ischenko, M. - Centrally expanded prestressed concrete elements reinforced with twisted steel strands. p. 27.
- Supporting wall made from prefabricated reinforced concrete structural elements. p. 29.
- Vidman, M., Makinuskii, I. - Laying coke ranges by continuous operation. p. 30.
- Pianko, N., Babich, V., Florov, I. - Optimal transverse measurements for crane beams. p. 31.
- Traimenko, P. - Truck building cranes. p. 33.
- Dobrova, E., Nosovskiy, V. - Characteristics of calculating span bridge constructions from precast reinforced concrete with superposed reinforced concrete slabs. p. 36.
- Petrunko, Q. - Determining the optimal distance between clusters of piles in sandy soils. p. 39.
- Experience in advanced pipe laying. p. 43.
- In the Technical and Economic Council of the Ministry of Industrial Construction of the Ukrainian S. S. R. p. 46.
- In the Technical and Economic Council of the Ministry for Construction of Heavy Industry Establishments of the Ukrainian S. S. R. p. 47.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 12, no. 3, 1988.

- Table of contents translated:
- Filin, L. G. - Track deterioration should not be permitted. p. 1.
- Bondar, A. N. - Organization of mechanized track maintenance. p. 6.
- Recommendations adopted at the conference for the exchange of experience gained in railroad track upkeep on using use of machines and mechanisms. p. 7.
- Fil', V. A., Terebkova, V. A. - New ways of planning. p. 8.
- Ushurbakiev, T. K. - New methods introduced, old ways improved. p. 11.
- Tormasov, S. V. - Snow clearing is a part of the transportation process. p. 13.
- Serdukov, V. I. - Machines clean the tracks at railroad stations. p. 16.

2037

- Korotkov, V. A., and others. - Electric power supply to welding converters from a single power installation, p. 19.
- Krivos, V. I. A., Kozlov, O. I. - Studying the parameters of bending large-diameter pipes, p. 22.
- Peslov, G. M. - Calculating the speed of trenchless pipeline laying under the action of impact load, p. 24.
- Rantsov, O. M., Mentikov, V. P. - Making trenches in loess by blasting, p. 27.
- Rybinov, V. A., Vinokur, D. I. A. - Construction of trenches under-road crossings by blasting, p. 29.
- Krol, B. I., Fomov, O. P. - Modernization of tunneling machines, p. 31.
- Lev, A. O., Lyudskov, V. A. - Minimizing the preparation of lithomastic, p. 32.
- Pacot, K. Z. - Selecting efficient methods for drilling water wells, p. 34.
- Gornat, V. G. - A single principle for agreements is needed, p. 35.
- Conduct cathodic protection of oil-field pipelines and wells in the Lacq field, p. 37.
- Pipe gripping devices, p. 38.

Vol. 12, no. 7, July 1967.

- Table of contents translated:
- Vorobeyko, N. L. - Basic problems of industrializing field construction, p. 1.
- Kosarev, V. D. - Multiply labor achievements in honor of the glorious anniversary, p. 6.
- Lenin Order of the "Morgasprovodstrol" Trust on the eve of the 50th anniversary of the Soviet State, p. 7.
- Levin, F. D. - First high-speed construction of a pipeline, p. 8.
- Levin, S. I. - Prospects for the construction of water-pipe pipelines, p. 9.
- Vysotskiy, A. K. - Developing consolidated network scheduling graphs for project assignments, p. 14.
- Lacrov, G. E., Gal'perin, M. I. - Intensifying the work regime of horizontal drilling machines, p. 16.
- Malmichev, S. S. - Determining the frequency of self-oscillations of overlength freight during transport action on semitrailers, p. 19.
- Davidiyev, P. I. A. - Trenching on the Gaf-Balyk-Chak track in the winter of 1966 and 1967, p. 21.
- Makharov, L. Z. - Using submersible portable motorings on rivers in Western Siberia, p. 23.
- Sokolov, A. N., Barichev, I. U. S. - Assembly of process polyethylene piping, p. 24.
- Vallenberger, K. G. - Reservoir for liquid lithium, p. 28.
- Dalanskii, L. A. - Laying a pipeline under roads using the stage laying method, p. 27.
- Konukov, B. A. - Increase the economic efficiency in construction, p. 28.
- Chernakov, G. A., Privakov, M. A. - Use electric drives with highly multiple control systems for pipe rollers, p. 29.
- Telegin, L. G. - New norms for the construction period of pipelines, p. 30.
- Mitchev, A. V., Makogonov, V. S. - Standard stock and caps for cast iron pipelines, p. 32.
- Tarkhanov, V. V. - Tightening jacks for assembling asbestos cement and reinforced concrete pipes, p. 33.

Vol. 12, no. 11, Nov. 1967.

- Table of contents translated:
- Major trends in technical progress in pipeline construction, p. 2.
- From year to year, p. 6.
- Builders report, p. 10.
- Voshchinnik, I. S., Khmel'kov, I. U. N. - Construction on the Mangyshlak Peninsula: results, problems, perspectives, p. 18.
- Enel'baum, V. I. - Pipeline laying through a marsh, p. 18.
- Unigorakii, M. R. - Unit for welding pipes 1220 mm. in diameter, p. 21.
- Telegin, L. O. - Technology and organization for constructing the linear part of main pipelines, p. 22.
- Glasov, V. I. - Electrolytic corrosion protection of pipelines, p. 24.
- Sokolov, N. I. A., Dantlov, Khodzhayev, I. Kh. - Advanced technology used in laying water pipelines in Tadzhik, p. 28.
- Shayk, K. A. - Kazakhstan's water pipelines, p. 31.
- Konukovich, S. O. - Construction industry in the northern regions, p. 34.
- Efficiency proposals to the workers of No. 5 Construction and Installation Administration of the "Soluz-provedmekhantizatsia" Trust (Novokuybyshevsk), p. 37.

Vol. 12, no. 12, Dec. 1967.

- Table of contents translated:
- A petroleum pipeline has been completed, p. 1.
- Zinoviy, A. M. - Results of building research in the gas and petroleum production industry, p. 4.
- Olenov, P. I. - Construction sites in the Northern Caucasus stock have a large in addition base, p. 8.
- Puroil'sevsk, M. - Permafrost and its effect on gas pipelines as related to various pipe laying methods, p. 8.
- Shmeleva, I. A. - Heterogeneous structure in joints

- welded by the pressure method, p. 12.
- Arlanov, V. S. - Corrosion of reinforced concrete pipes, p. 15.
- Kuzova, I. D., and others. - Determining the parameters of testing hotly welded pipes with a diameter of 1020 mm, p. 17.
- Iakubov, Kh. A. - Introducing scientific organization of labor into the "Vostokneftprovodstrol" Trust, p. 20.
- Valler-Larger, K. G., Chernavskii, V. M. - Laying a polyethylene gas pipeline, p. 21.
- Balarskii, L. A. - Dild flange for joining sections, p. 23.
- Lubantov, A. I., Muskotsev, A. G., Borozdenkov, A. I. - Network schedule model of the construction of the linear part of a main pipeline, p. 24.
- Regiles to readers' inquiries, p. 26.
- Tsiskarev, V. V., Vashkov, S. - Eliminate mistakes in the price list, p. 28.
- Efremov, I. I. - Unit for cleaning the inside of pipes, p. 30.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.], Moscow, no. 5, May 1968.

- Table of contents translated:
- Krivitskiy, I. F. - Scientific organization of labor should be adapted to designing practice, p. 1.
- Eremeev, K. V. - Materials of the Exhibition of Achievements of the National Economy of the U.S.S.R. should be fully used in the construction industry, p. 3.
- Dorofeev, A. I. - Hydromechanical operations at the construction of the Tyumen' - Surgut railroad line, p. 4.
- Chernavskii, V. P., Kozlov, V. P., Petrova, Zh. A. - Technology of subgrade slope reinforcing by hydraulic grass sowing, p. 6.
- Antalov, P. V. - Reinforcing drain ditches with cement, p. 7.
- Kirshakov, G. M. - Raised passenger train platforms built on DS-type supports, p. 9.
- Bakirev, V. I., Grishchenko, M. N. - Speedy construction of a reinforced-concrete railway bridge, p. 10.
- Blizkov, L. S., Kulegich, I. V., Pyshko, L. V. - Assembly of reinforced-concrete spans 33 meters in length, p. 13.
- Kirillov, A. P., Alamasov, A. N. - Pile foundations for abutments should have inclined piles, p. 14.
- Markov, K. F. - Lighting of the Kiev metro bridge, p. 15.
- Karachev, N. E. - Practice of mine shaft sinking, p. 17.
- Merlov, I. I. - Laying tracks in a tunnel with an invert located in the central line, p. 18.
- Eliseev, G. I., Eliseev, D. A. - Shore protection with concrete tetrapods in the Yalta region, p. 20.
- Krasov, N. V., Irtin, N. I. - Mechanized welding of reinforced-concrete gages for piles, p. 21.
- Rybin, I. A. - Reconstruction of the Moscow Station in Leningrad, p. 22.
- Il'ginskii, V. K., Mashkovich, O. N., Fedorov, D. I. - Rotary excavators for road construction, p. 24.
- Gubashvili, F. Kh. - Machine for erecting and fitting tracks, p. 26.
- Ivanenko, I. T. - They kept their word, p. 28.
- Mitchev, A. P., Popov, V. I. - I. P. Baidon and his crew, p. 30.
- Iosadskan, A. I. - Lowering the cost of railroad construction, p. 34.
- Zubenko, N. P. - Pay greater attention to studying and checking technical documentation, p. 38.
- Kimskii, B. A., Sobolev, P. V. - Samarkand - Karshi railroad, p. 39.
- Avallant, E. S. - Mallor chutes protect railroad tracks, p. 40.
- Maltov, V. S. - Calculation of soil shooting distance with consideration of air resistance, p. 42.
- Alperina, O. N., Nagevich, I. U. M., Akhmedov, K. M. - Testing poles of overhead contact lines made of concrete with fiber-glass reinforcement, p. 43.
- Irtin, V. S., Naumov, G. S. - Laying out trestle supports by a curve method, p. 44.
- Sukovitch, N. M., D'akovna, L. I., Tolstova, N. E. - Calculation of the ventilation for mechanized shield tunneling, p. 45.
- Mashkovskii, N. F. - Determining stresses in steel cables by their oscillation frequency, p. 48.
- Skiba, G. S., Paasek, G. A., Iakovlev, L. V. - Rubber supports with antifriction inserts made of teflon, p. 48.
- Positioning device for track relaying, p. 48.
- Fedorov, A. D., Trofimova, E. P. - Roof trusses with single angles, p. 49.
- Vol'skii, I. S. - Tool for plaster surface finishing, p. 50.
- Drovnovskii, A. P. - Experimental roofing installation for the purification of waste waters, p. 51.
- Device for tensioning high-strength strand reinforcements, p. 53.
- Abraham, A. R. - Earthmoving equipment in Czechoslovakia, p. 54.

in memory of P. P. D'akov, obituary, p. 63.

TSEMENT [CEMENT]. Organ of Ministerstvo promyshlennost'noy stroitel'noy materialov SSSR [Ministry for the Building Materials Industry of the U.S.S.R.], Moscow, vol. 32, no. 4, July-Aug. 1968.

- Table of contents translated:
- Ulin, S. I. - Economic services in plants should be improved, p. 1.
- Kovalenko, L. V. - Economics are in the focus of attention, p. 2.
- Belogorod, P. E. - Design faults in the kiln with cyclone heat exchangers, p. 3.
- Zapal, Zilenev, - Kiln units for dry process cement production, p. 4.
- Sychev, M. M., and others. - Effect of raw material impurities and addition agents on the viscosity of the liquid phase of portland cement clinker, p. 5.
- Enin, Z. H., Fridman, I. A., Khokhlov, V. K. - Studying K_2O sublimation by the method of mathematical planning of the experiment, p. 7.
- Tosarov, V. V., Oskaleko, G. N., Sotseverko, A. P. - Estimating separation efficiency with consideration of surfaces, p. 9.
- Ponomarev, I. F., Grachan, A. N., Kadashtok, A. P. - Efficient methods of clinker bleaching, p. 11.
- Diadakhov, N. I. - Factors hindering production of white and colored cements, p. 12.
- Kateeva, N. I., Kozhina, V. K. - Determining the content of certain minerals in clinkers by the rational chemical analysis, p. 13.
- Shilonskii, S. E. - Fully mechanized handling of packaged cement shipments, p. 15.
- Sidchenko, I. M., Zaygorodnii, N. S., Kor-Ogly, A. I. - Adopting the production of sulfate-resistant portland cement, p. 16.
- Kladinskii, A. P., Emrikson, N. M., Lebedeva, T. A. - Improving the clinker quality, p. 18.
- Sagol, I. M. - Better use of equipment, p. 19.
- Volkov, S. N., Voroshilova, N. N. - Experience in the operation of a cement mill separating 3 by 14 in. size, p. 20.
- Brudskanov, A. N. - Batching in slope conditions with use of borichole charges, p. 21.
- Main goal of cement workers, p. 22.
- Nazarov, G. N. - Making use of the plant potential, p. 2 of cover.
- Vol. 33, no. 3, May-June 1968.
- Table of contents translated:
- Sartov, A. S. - Success of Magnitogorsk cement workers, p. 2 of cover.
- Podluzov, V. N. - 50 years of progress, p. 1.
- Klemin'eva, V. S., Toluchkov, M. G., Terenokov, G. M. - Effective method for preserving the properties of gray portland cement, p. 4.
- Safarin, V. I., Sytkin, I. A. M., Mirskanov, V. M. - Chemical mechanisms of hydraulic quick hardening slag-portland cement, p. 5.
- Brillakov, V. K., Pashko, V. V., Iasen, R. E. - Noise of grinding machinery and methods of its reduction, p. 8.
- Taranukhin, N. A. - Waste of raw material in active quarries of cement plants, p. 9.
- Ilnak, D. A., Platonov, V. S. - Special features of geodetic alignment of high capacity rotary kilns, p. 11.
- Toropov, N. A., Volkonskii, D. V. - Vili Vili Vlachalovitch Sorov; biography, p. 12.
- Vladimirov, Kh. M., Abramson, M. N. - Once more on the reliability and service life of cement machinery, p. 13.
- Tserov, R. I. A., and others. - Studying various modes of operation of a separating mill of 3 by 14 meters for production of fine cement, p. 15.
- Kamburov, V. A. - Improvement of implant blending, p. 17.
- Popov, S. A. - Method of controlling slurry flow into kilns, p. 18.
- Papov, I. V., and others. - Portland cement of brand 700, p. 19.
- Cherov, I. L. - Cast links of weldless chain for heat exchange installations of rotary kilns, p. 20.
- Shapovalov, V. V., Panasevich, I. U. V., Nebaga, A. N. - Automation of vacuum pumps, p. 20.
- Shkolov, N. I., Egorova, E. G. - Water separation in mortars and concrete, p. 21.
- V. A. Kolonov; obituary, p. 23.
- A. E. Dobrovolskiy; obituary, p. 24.

Vol. 34, no. 1, Jan. - Feb. 1968.

- Table of contents translated:
- Goals of the cement industry in the year 1968, p. 1.
- Rernshon, L. A., and others. - Studying the grinding process of various raw materials in rotary mills, p. 3.
- Semchenko, I. A., Chuprikova, N. I. - Preparation of raw material and clinker quality in the plants with the dry process production, p. 5.
- Shakhmagom, N. V. - Fluorite-gypsum sludge as a mineralizer, p. 6.
- Gevris, E. I. A., Iakovlev, I. G. - Computer calculation of the charge of raw material, p. 8.
- Safarin, V. I., Vorobichikov, L. T. - Raising the heat of rotary kilns, p. 10.

- large-panel buildings, located in average conditions. p. 15.
- Chislakov, O. - Stairways in high-rise apartment buildings. p. 19.
- Serjooev, A. - Experiment in Minsk. p. 22.
- Liventsov, N. - Residential district in Ivovyi Ingulets. p. 24.
- Plish, D., Karnaukov, I. - Residential district in Grivonovo. p. 25.
- Risakov, E. - All-Union Public Inspection of Building Quality. p. 26.
- Gurulev, O. - Converting public rooms of hotels. p. 27.
- Evsheva, M. - Appearance of the village is changing. p. 28.
- Filimonov, P. - Obligations are fulfilled. p. 30.

4. ELECTRICAL ENGINEERING

AKADEMIYA NAUK SSSR. Izvestiya. Tekhnicheskaya kibernetika [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Engineering Cybernetics]. Moscow, no. 1, Jan.-Feb. 1968.

Table of contents translated:

- Stratonovich, R. L., Gribanov, B. A. - Game problems with informational type restrictions. p. 3.
- Pechenkin, D. N., Onopchuk, I. U. N. - Linear differential games with integral restrictions. p. 13.
- Ryzhikov, I. U. - Management of reserves for randomly distributed feeder points. p. 23.
- Podinovskii, V. V. - Existence of solutions for minimax problems in optimization of processes. p. 33.
- Flukhtshchik, I. U. - An approximation method in integer linear programming. p. 39.
- Nikonov, V. L., Plushnikov, L. N. - Construction of a cost curve of a project taking into account limitations of resources. p. 41.
- Usakov, I. U. B. - Economic indices as a criteria of optimal management (based on an example in ore dressing). p. 61.
- Zhuravlenko, S. L. - Method of solving one class of problems in the scheduling theory. p. 69.
- Pilavskii, S. A. - Optimization of nets. p. 68.
- Kartashov, G. D., Perrole, A. I. - Principles of "heredity" in the reliability theory. p. 61.
- Kalashnikov, V. V. - A queueing model. p. 68.
- Klimova, E. Z. - Study of a single-line queueing system with "heating". p. 81.
- Trofimov, N. N. - Determination of the boundary of the redundancy of codes in the correction of arithmetic errors. p. 88.
- Grigor'ev, A. L., Bol'shakov, I. A. - Separation of noise from pulse flows with restricted post action. Part 2: Nonoverlapping signals and groups of signals. p. 106.
- Smirnov, L. N. - Synthesis of an optimal filter utilizing continuous and discrete information sources. p. 118.
- Mahinkala, G. M. - Use of a method of integral canonic representations in the solution of some nonstationary problems of optimal filtration. p. 124.
- Melikhonov, A. N., Bershtein, L. S., Karelin, V. P. - Isomorphism of graphs and finite automata. p. 128.
- El'man, R. I. - Synthesis of the structure of an image analyzer. p. 135.
- Masnikova, V. - Practical realization of an algorithm for image cognition with a digital computer. p. 161.
- Tsymlak, V. P. - Selection of a system of switch functions using illustrations. p. 157.
- Dovgintskii, I. U. V. - Optimal coding of objects during their classification using image cognition methods. p. 162.
- Kon'kov, V. G., Matveev, P. S. - Analysis of linear automatic control systems with random parameters. p. 170.
- Itozhkov, S. I. - Use of some structural theory of functions methods in the solution of a problem on quality increase. p. 178.
- Balcev, A. A. - Problem on the analytical design of controllers. p. 187.
- Toloknov, V. I. - Parametric synthesis in a problem of analytical design of controllers. p. 197.
- Poltak, I. U. G. - Modeling of random quantities connected with a system of independent tests. p. 210.
- Gribanov, B. A. - Asymptotic solution of a problem in optimal quantization of a random signal. p. 203.
- Solodovnikov, V. V., Ploinkov, V. N. - Fifth All-Union Scientific and Technical Conference on the Construction and Utilization of Control Systems Using Computers. p. 205.

No. 3, May-June 1968.

Table of contents translated:

- Artemov, G. T., Budugin, E. A. - Method for analyzing digital computer models as multiphase queueing systems with finite times. p. 3.
- Besedin, B. A., Ryzhakov, A. P. - Markov controls in queueing networks optimal in reliability. p. 14.
- Dudnikov, N. I. - Consideration of structure in the analysis of the reliability of nonredundant logical devices. p. 23.
- Solov'ev, B. L. - Failureless operation of nonrestorable apparatus during random disturbances. p. 30.
- Poshas, L. I. A., Stepanova, M. D. - Models of accelerated tests. p. 38.
- Melikhov, A. N., Bershtein, L. S. - Sequential decomposition of abstract automata. p. 44.

- Vatsburg, E. M. - Convergence of one method for random search. p. 54.
- Nemirovskii, A. M. - Identification of simple elementary paths of anticommutational graphs. p. 60.
- Ivanov, V. N. - Realization of principal operations of logically continuous quantities in systems with feedback. p. 68.
- Khrushchik, S. L. - Omega perception. p. 72.
- Kornelchuk, V. I., Tarasenko, V. P. - Synthesis of combinational summation networks from multivalued functional elements. p. 80.
- Bol'shakov, I. A., Latyshev, V. G., Mlin, I. U. N. - Determination of the number of signals forming a random flow with noise background. p. 88.
- Kutuzov, V. K. - Synthesis of a class of response optimal high-order linear systems. p. 88.
- Alekseev, O. G. - Use of a counter decision technique in increasing the efficiency of a dynamic programming method. p. 106.
- Venkatesh, I. - Synthesis of pulse systems with varying parameters. p. 114.
- Malystov, G. V. - Time variable spectra. p. 122.
- Mishulina, O. A. - Analysis of linear control systems with random stepwise change of parameters using electronic computers. p. 128.
- Obozko, G. V. - Probability of boundary attainment in nonlinear automatic control systems. p. 140.

ATOMNAYA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi komitet po ispol'zovaniyu atomnoi energii SSSR [State Committee for the Utilization of Atomic Energy in the U.S.S.R.]. Moscow, vol. 12, no. 4, 1968.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Ministerstvo energetiki i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 33, no. 2, Feb. 1968.

Table of contents translated:

- Zlotopolskii, A. N., Solov'ev, B. Kh. - Profitability indices in the power industry. p. 2.
- Morkov, G. V. - Real time program control of an electric power system. p. 6.
- Romanov, V. V. - Problems of the reduction of personnel in departments of thermal control and instruments. p. 8.
- Mysunov, V. I. - Stabilizing of financial conditions in mixed power generating systems during changes in hydrometeorological conditions. p. 10.
- Mokhar, M. V. - Reliability of superheaters of present-day boilers. p. 12.
- Krutasova, E. I., Talova, T. M. - Reliability of steam-pipe metal beyond the calculated life. p. 16.
- Degulyi, I. T. - GT-25-700 gas turbine system of an isolated station. p. 10.
- Elizarov, D. P., Lashin, S., Gershol, I. P. - Study of the stressed state of the walls of the drum of a high-pressure boiler. p. 23.
- Gavrilova, A. F., and others - Injector for pneumatic transportation of shot. p. 28.
- Tikhonov, D. A. - Study of the efficiency of T-12-35 turbines in different operating modes. p. 33.
- Zaretskii, E. I., Mikhchenko, B. I. - Effect of the expenditure of oil on the temperatures conditions of a thrust bearing. p. 38.
- Balezin, S. A., and others - Dissolving of steel 20 and iron oxides in solutions of complex-forming compounds in chemical cleaning of equipment. p. 38.
- Sin'clugov, F. I. - Simplified methods for engineering and economic comparisons of the electrical connections of the distribution systems of electric power plants. p. 42.
- Glushin, A. I. A., Zaichikov, V. G., Krylov, I. U. S. - Problems of the operation of brushes on turbo-generator slip rings. p. 45.
- Lebedeva, N. S., Strolinskii, E. L. - Regulation of synchronous compensators by electromagnetic excitation controllers. p. 51.
- Kvechov, O. S., Mel'nikchenko, G. I., Stasenko, R. F. - Magnetofugal drives with oil switches. p. 58.
- Bobar, A. G., Zhuravlev, V. G. - Effectiveness of 10 kv. power supply to large-scale irrigation systems. p. 61.
- Novikov, G. E. - Increasing the reliability of electric power supply of rural consumers. p. 63.
- Serlin, N. A., Antonov, E. A. - Standby in rural 30-110 kv. power distribution networks. p. 87.
- Kholanovich, V. A. - Power factor of rural electric distribution networks. p. 88.
- Kruchina, V. L., Iordanskii, V. I. - Power factor of rural electrical systems. p. 72.
- Sumin, G. F. - Reply to V. L. Kruchina and V. I. Iordanskii's article "Power factor of rural electrical systems." p. 73.
- Kozhin, A. N. - Equivalent circuits of parallel lines with spur lines for the analysis of transverse differential protection systems. p. 73.
- Utkin, B. M. - Elimination of shortcomings in the speed control systems of pulverized coal feeder drives. p. 79.
- Vigdorovich, G. I. - Change of the gas cooling system

- of a turbogenerator. p. 81.
- Evgen'ev, V. N. - Redesigning of the connecting busbars of the stator winding of the TGB-300 turbogenerator. p. 83.
- Marinov, H. A. - Operation of shielded current conductors of 300 Mw. turbogenerators. p. 85.
- Volodin, K. G., and others - Device signaling short-circuits to ground in 3-10-15 kv. compensated power distribution networks. p. 88.
- Seventh World Power Engineering Conference. p. 93.

Vol. 30, no. 3, Mar. 1968.

Table of contents translated:

- Mikhliarian, S. G. - Results of the anniversary year and problems of further development of the power industry of the U.S.S.R. p. 2.
- Pruss, V. L., Fedorov, E. I. A. - Increasing the reliability of the municipal power distribution networks. p. 7.
- Fedosenko, I. I. A. - Experience in the operation of municipal power networks. p. 13.
- Shulov, I. S. - 20 Kv. potential in the electrical networks of the Latvian S.S.R. p. 18.
- Bil'kis, E. L., Zhitnev, N. I., Zolotarev, V. A. - Study of the operation of the peak load PTVM-100 water heating boiler operating on high-quality sulfurous mazut. p. 24.
- Lisovoi, V. G., and others - Operation of the secondary superheater of the PK-33-03SP boiler. p. 28.
- Dombrovskii, V. I., Barkuchik, I. A. - Experience in adjusting regenerative VPR-2 air heaters. p. 31.
- Komarov, N. F. - Effect of the parameters of fresh steam and intermediate heating on the efficiency of the K-300-240 turbine. p. 34.
- Luzhkov, M. I., and others - Damage of condenser coils by corrosion. p. 37.
- Safonnikov, S. A. - Aggregation of measuring devices for the automation of tests of large turbines. p. 41.
- Masnikova, A. V., Nopmnikashvili, V. A. - Determination of specific damages in power generating equipment. p. 46.
- Aleksandrov, G. N., Murkhanov, I. S. - Electrical strength of moist high-voltage suspension insulators during electrostatic air ionization. p. 48.
- Mokharov, A. S., Shtol'skaya, G. Z. - Testing of single-phase automatic reclosing in 600 kv. power transmissions lines with shunting reactors. p. 53.
- Mnuk, N. A. - Analysis of the reliability of the relay protection based on operational statistical data. p. 56.
- Smirnova, T. V., Fedorova, M. F., Nudel'man, G. S. - Single-system DZ-1 remote protection using magnetoelectric relays. p. 59.
- Nekhamkin, I. I. - Increasing the life of the operation of the elbows of pipes carrying pulverized coal and decreasing their repair costs. p. 65.
- Skulov, A. P., Mikholop, F. S., Dondarov, A. M. - Separator for winnowing dust from an internal cone. p. 68.
- Gladyshev, G. P. - Mechanization of the assembly and repair of the convective part of the PTVM-100 peak-load water heating boiler. p. 67.
- Shikhov, A. G., Zhabrodin, I. A. - Protection of air-heater pipes from wear. p. 68.
- Ol'shevskii, V. N. - Mechanized machining of turbo-generator rotor combs with frontal seals. p. 69.
- Kryzhanovskii, B. N. - Prevention of corrosion in a high-pressure thermal power plant. p. 70.
- Molenskii, M. T. - Alkali cleaning of a boiler by removing sodium iron phosphate deposits. p. 71.
- Sipot, A. M., Kosachovskii, V. I. - Testing of the operation of the TVV-185-2 turbogenerator in an asynchronous mode. p. 72.
- Anchukov, A. N. - Problems of the operation of a horizontal encapsulated hydro-electric generator. p. 74.
- Poinzhnik, S. I. - Automation of low-pressure hydro-electric power stations with encapsulated generators. p. 78.
- Val'shteyn, B. A., Margulis, L. I. A., Khesin, Z. I. - Faults in the construction of RO 45/084-V type hydraulic turbines. p. 78.
- Barkov, N. K., Kuzevanov, N. M. - Effect of air intakes on the environmental wear of the rotor wheels of Francis-type hydraulic turbines. p. 80.
- Rumiantsev, I. U. G., Strolitskii, M. I., Raf'kovskii, V. S. - Losses in tire holders. p. 81.
- Drozdev, A. D. - Causes of faulty operation of the differential protection systems of generators, transformers, and assembled busbars. p. 83.
- Kuptsov, M. V. - Modernization of the automatic N-II oscillograph. p. 84.
- Shvarin, N. G. - Differential protection with two zones of sensitivity using RNT-665 and RNT-666 relays. p. 86.
- Nozart-Zibal, M. I., Kholodenko, V. I. - Signaling of faults in a substation using communication line channels without multiplexing. p. 88.
- Pruss, V. L. - Rational construction of the circuits of municipal power distribution networks. p. 90.

Dvornikov, A. F., I. I. Iaskin, I. A. - Reply to Mikhchev's article "Relationship of capital investment in the development of rural electrification." p. 92.
Boris Pavlovich Lebedev, on his 60th birthday. p. 94.

Vol. 39, no. 0, June 1968.

Table of contents translated:
Koslovskii, D. I., Tokarskii, B. N., Makarov, N. V. - Adjustment of the main stemline of a 300 Mw block. p. 2.
Otkhovskii, G. G. - Study of the operation of compressors of the GT-25-700-1 gas turbine system. p. 6.
Lifshits, E. V. - Determination of the bulk density of pulverized coal, coal, and shale. p. 12.
Tupitsyn, S. P., Makhankov, A. M. - Adjustment and study of the operation of the loading unit of the TP-97 boiler working on anthracite coal. p. 14.
Chebutaev, V. V., Urbanovich, L. I. - Thermal conditions of convective stage of the superheater of the PK-24 boiler. p. 18.
Gutakov, V. N., Lebedev, N. D. - Stability of the structure and properties of the metal of superheated pipes from IKh18N12T steel. p. 21.
Zhukov, G. P. - Measurement of the magnitude of local leakages in a furnace chamber. p. 24.
Minkov, V. A., Puzukhin, V. V., Karaban, S. S. - Effect of leakage on the magnitude of losses in escaping gases. p. 27.
Trubnikov, M. A., Prokhorov, S. A. - Decreasing of the relative contraction of steam turbine rotors. p. 30.
Turkin, A. N., Chegurnov, V. R. - Causes of the wear of the runner seats of PE 430-200 feed pumps. p. 32.
Uvarov, O. F. - Increasing the reliability of circulation pipelines of thermal electric power plants. p. 37.
Kot, A. A., Galkina, V. D. - Effectiveness of chemical cleaning of pipes by water solutions of different reagents. p. 40.
Mikhchev, I. F. - Purification and utilization mazut bearing waste waters in thermal electric power plants. p. 44.
Mezhborskiy, M. A., Stulovich, I. S. - Change in the averaged period between repairs of hydraulic turbine and generator units. p. 46.
Safinjanov, P. N. - Statistical probability evolution of the economic efficiency of operational automatic control equipment. p. 49.
Usov, S. V., and others. - Probability evaluation of reliability in the selection of systems of electrical connections. p. 62.
Ponomarev, I. U. - Lightning protection of distribution transformers from the lower voltage windings end. p. 60.
Kuliev, D. A. - Frequency of lightning discharges to ground. p. 61.
Kruk, M. T., and others. - Effect of the rupture of a pipe of a coiling superheater of the TGM-94 boiler on the temperature conditions of remaining pipes of the panel. p. 64.
Frasov, M. G., Tikhonov, D. A. - Effectiveness of the improvement of VK-50-1 turbines. p. 66.
Dvornikov, A. F., Boudar, V. A. - Distribution of thermal loads between units of a thermal electric power plant. p. 68.
Kofman, B. A., Shatkin, P. G. - Errors of level readings in the drum of a boiler. p. 70.
Gorbunov, V. I. - Defects of inert cooling towers. p. 72.
Dalygin, I. U. A., Krutkov, N. P. - Redesigning of the drive of the cutoff of a sampling unit of a fuel supply system. p. 76.
Kazanskii, V. N., Smolin, R. N. - Device for taking samples of rotated oil. p. 78.
Kalmikov, A. I., Rovkov, A. D. - Device for checking the creep of high-pressure pipes. p. 77.
Gettor, Z. I., Kovbasuk, A. S., Shostak, Z. K. - Determination of the content of vanadium oxide in ash deposits during the burning of sulfur mazut. p. 77.
Slivka, I. I. - Shortcoming of distance-type protection systems using DZ-2 semiconductor devices. p. 78.
Pashinin, A. I. - Determination of resistance and voltage in heating and drying power transformers using single-phase current. p. 79.
Pimenov, A. P. - Use of SVPA-1 converters in measuring the power transfer in lines with double and load. p. 82.
Karamzin, A. P., Zakharov, A. P. - Operation of a substation with one 110/10 kv. low-power transformer. p. 82.
Novikov, O. E., Novozhilov, B. M. - Unscheduled overhaul of switches after disconnection of short circuits. p. 83.
Galstian, C. K., Davidian, L. B. - Operation of PS-4, 5 glass insulators in high-voltage lines. p. 84.
Ioffe, V. M. - Replies to A. I. A. Gogolev and E. V. Osipovskiy's article "Flange coupling of high-pressure hangers with membrane seals." p. 86.

Molokhov, V. I. - Increasing the carrying capacity of distribution networks. p. 86.
Molokhov, V. I. - Determination of specific resistance of soil. p. 87.
Sergot Ivanovich Berszin, on his 60th birthday. p. 83.
Shlarkov, S. - Academician Gennadiy Osipovich Graftio; obituary. p. 94.

Vol. 39, no. 8, Aug. 1968.

Table of contents translated:
Neporozhniy, P. - For the Seventh Congress of the World Power Conference. p. 2.
Marinov, A. M. - International Forum of Power Engineers. p. 9.
Zhitin, V. G., Nekrasov, A. M., Pavlenko, A. S. - Power engineering and its future development in the U.S.S.R. p. 14.
Afonin, N. S., Kovalkin, A. S., Samkov, M. A. - Joint operation of consolidated power systems of European countries. p. 23.
Zhimmerin, D. O., and others. - Overall automation of electric power plants and power systems as an immediate objective in power engineering. p. 29.
Ushely, G., Trompos, F., Stokach, B. G. - Experience in burning heavy mazut fuel. p. 34.
Pavlov, I. U. V., Bolvinov, V. P., Nomenchik, V. S. - Adjustment tests of the PE-60 boiler of a 300 Mw block. p. 37.
Kot, A. A., and others. - Water conditions of the Novo-Voronezh Atomic Power Plant. p. 41.
Turkin, A. N. - Start characteristics of the PE 600-300 feed pump with a hydraulic clutch in a 300 Mw block. p. 44.
Tikhonov, D. A. - Air-radiator system for a thermal electric power plant. p. 46.
Toboukhin, E. F., Gurov, B. T. - Effect of a magnetic field on scale formers. p. 49.
Shadrin, N. I., and others. - Frost-free flushing of a 300 Mw block by inhibited ammonium mosectrofo solution. p. 52.
Ufimtsev, A. M., Lebedev, A. T. - Self-start of electric motors supplying internal needs of block-type electric power plants with 165 Mw. units. p. 55.
Lyslov, R. T., and others. - Experimental operation of insulators having glazing with increased conductivity. p. 60.
Kulikov, E. V., Morkhalov, S. D., Solomonik, E. A. - Concerning an article by R. T. Lyslov and others "Experimental operation of insulators having glazing with increased conductivity." p. 64.
Dolgov, A. M. - Drying of transformer oil using molecular sieves (zeolites). p. 66.
Through the pages of "Difuzion Izobrotenii, otkryti i izobreteniya znakov." p. 72.
Krasulin, N. N., and others. - Restoration of a reinforced concrete foundation of a turbine unit using compounds with epoxy resin bases. p. 73.
Kosman, A. S., Kuleshov, V. P. - Television system for checking internal surfaces of boiler pipes. p. 74.
Glebov, I. A., and others. - Specific features of the self-synchronization of turbogenerators with a high-frequency excitation system. p. 75.
Degil, G. S. - Improved oil system of KSV 37500-11 and KSV 50000-11 synchronous compensators with hydrogen cooling. p. 76.
Iakovlev, S. A., Ryzik, S. U. - Change of the cooling system of the VUTR-3000 semiconductor rectifying unit. p. 79.
Drozdov, A. D., Korobelnikov, B. A., Kuzhakov, S. L. - Device for the physical modeling of a transition short-circuit current. p. 81.
Mazo, I. S., Arzhannikov, E. A. - Redesigning of short-circuits to ground protection systems of substations supplying power to peat enterprises. p. 83.
Podgorniy, E. V., Rybalchenko, O. I. - Analysis of nonbalance currents in the differential protection system of busbars. p. 83.
Polonskiy, V. F. - Frequently encountered defects of electromechanical relays. p. 85.
Kagan, I. I., Urtva, A. A. - Operation of a simplified protection and automatic system of a 100 kv. line. p. 87.
Semenov, V. A. - Tuning out surges in distance-type protection systems. p. 88.
Dolotov, V. A. - Case of faulty operation of the differential protection system of a transformer. p. 89.
Vasserbial, V. V., Semenov, A. K. - Shortcomings of the EPZ-62m-64 distance-type protection systems. p. 90.
Matishan, G. A. - Device with static converters for checking the indications of telemetering equipment. p. 92.
Dolgopolev, V. M., Tarabin, V. P. - Device for checking thermal signaling units. p. 92.
Boris Mikhailovich Sokolov-Andronov, on his 70th birthday. p. 94.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 2, Feb. 1968.

Table of contents translated:
Voronoskiy, B. B., Fekhtov, G. I., Chislakov, I. V. - Design of discrete and sampled-data control systems. p. 1.
Khamudkhanov, M. Z., Khashimov, A. A. - Analytical study of steady-state conditions of a regulated asynchronous electric drive. p. 8.
Zilberblat, M. R. - Forced fluctuations of the current of a motor in an electric drive with a speed regulator. p. 13.
Vasil'ev, I. U. K., Larchenko, V. I. - General laws governing the design of reactive stepping motors. p. 17.
Variat, V. V. - Electromagnetic forces acting in an electrical machine with rolling rotor with non-sinusoidal current distribution along the surface of the stator hollow. p. 25.
Marinovskiy, D. I., and others. - Study of a single-phase inverter with cutoff valves. p. 29.
Solonov, P. A., Kratsberg, M. I. - Buffer systems of d.c. drives using thyristors with series excited motors. p. 38.
Fokin, I. D. A. - Rated loads of municipal electrical networks with potentials exceeding 1000 volts. p. 45.
Volobriiskiy, S. D. - Evaluation of the magnitude of power losses in electrical networks. p. 63.
Barkan, I. A. D. - Effect of the homogeneity of electrical loads on the quality of electric power. p. 65.
Porol'man, L. S. - Effect of conductor sag on wave propagation along transmission lines. p. 59.
Belginov, A. T., and others. - Calculation of voltage recovery on switch contacts in complex branching networks. p. 68.
Rozankrants, A. S. - Calculation of a nonlinear electrical field in ionization irradiated gas between coaxial cylindrical electrodes. p. 70.
Davidovich, V. V., Khelits, B. A., Sklarovskiy, I. I. - Simulation of mutual inductances and capacitances of lines during calculations on d.c. network analyzers. p. 74.
Sirakov, S. V., Rabinov, G. L. - Calculation of oleo-mechanical transients using digital computers. p. 78.
Bugrov, G. A. - Selection of parameters of the pole screen of a.c. electro-magnets. p. 80.
Magidson, V. V., Polinok, N. G. - Improvement of commutation and increase in the overload carrying capacity of d.c. machines in transient operation. p. 82.
Korikov, S. A. - Static stability of parallel electrical arcs. p. 83.
Krashevskiy, N. N. - Prospects of using plastics in the manufacture of insulators. p. 85.
Korshakov, A. P. - Promising system of potential for electric power supply of rural districts. p. 85.
Bezrukov, G. I. - Scientific and technological cooperation. "New equipment in the electric power supply of municipal electric transportation systems." p. 87.
Seventh World Conference on Power Engineering. p. 88.
Academician Valerii Ivanovich Popkov, on his 60th and the 35th anniversary of his scientific work. p. 89.
Professor M. M. Akodis, on his 80th birthday. p. 90.

No. 3, Mar. 1968.

Table of contents translated:
Borchaninov, G. S., Virkovskiy, A. I. - Electrical characteristics of three-phase bus lines with round annular conductors. p. 1.
Glazunov, A. A., Nguen Khien, Stroe, V. A. - Economic effectiveness of capacitive compensation in industrial power distribution networks. p. 6.
Kononov, I. I., Kugolevich, I. B. - Prospects for determining static load characteristics using mathematical statistics techniques. p. 11.
Kurennyi, E. G. - Calculation of peak power loads of industrial electrical networks. p. 13.
Kunin, R. Z. - Methods for determining loads taking into account load carrying capability of transformers. p. 18.
Avtishan, D. A., Belinov, A. I., Sokolov, V. S. - Reduction of rated networks of electrical machines to a form convenient for modeling. p. 23.
Kovalenko, V. B. - New method for determining the speed of rotation of synchronous machines with self-braking. p. 28.
Morozov, D. N. - Calculation of hot spots in transformer cores due to additional losses. p. 32.
Mil'man, L. I., Lur's, S. I. - Calculation of the strength of internal windings of transformers during the action of radial short-circuit forces. p. 38.
Voronoskiy, B. B., and others. - Control system of the main drive of a modern roughing mill. p. 45.
Volkova, O. V., Retigold, A. S., Chernyshev, V. I. - Effect of absolute humidity on the flashover potential of long air gaps. p. 49.
Kariakina, R. N., Vlasov, S. P., Shevko, I. A. -

- Distribution of potential along the earth surface on the territory of an a.c. traction substation. p. 54.
- Bondarenko, L. S. - Measurement of unit surface resistance of dielectrics. p. 59.
- Resistance in a conductive strip with cracks in its sections. p. 61.
- Ritshnik, E. I., Podchenko, K. S. - Special feature of the breakdown of dielectrics in fields of intense inductive emission. p. 63.
- Arals, R. Zh. - Principles of design of output units for complex protection systems. p. 68.
- Maksimov, A. I. - Comparative characteristics of winding wires of d.c. electromagnets. p. 71.
- Chernovits, A. K. - Additional losses in the stator halves of three-phase electrical machines. p. 73.
- Adams, G. T., Amirkhan, R. A. - Algorithm for registering the node voltages of complex electrical systems. p. 76.
- Konechniy, V. P., Levin, M. S., Ebin, L. E. - Program for evaluating alternatives in the development of electrical networks with 6-10 kv. potentials. p. 79.
- Plasolov, A. A., Kozlovskiy, V. A. - Approximate calculation of zero-sequence currents. p. 81.
- Zaidman, I. D. - Form of a formula expressing the dependence of unit losses in electrical steel on the amplitude of magnetic induction and frequency of the current. p. 81.
- Kuremy, S. I., Karakina, R. S. - Best distribution of a limited number of current-carrying turns on a magnetized cylindrical unit. p. 83.
- Grel'skiy, M. V. - Electrical drives of tapered secondary crushers. p. 85.
- Savitskiy, A. Z. - Experience in the operation of relay and automatic protection systems of 330-500 kv. power transmission lines. p. 88.
- Professor N. I. Sokolov on his 60th birthday. p. 89.
- Prof. Vladimirovich Tsukernik on his 60th birthday. p. 90.
- Sergeev, A. S. - Dissertations for the degree of candidate of technical sciences. p. 90.
- No. 4, Apr. 1968.
- Table of contents translated.
- Nikolayev, V. V., Edel'man, V. I. - Evaluation of reliability indices of the elements of power systems using heterogeneous information. p. 1.
- Rips, M. A. - Calculation of operational reliability of relay protection. p. 4.
- Smirnov, L. P. - Effect of prevention maintenance check on the overall reliability of relay protection systems. p. 10.
- Karavay, B. I., Malukhov, V. I. - Methods for calculating energy losses in electric power distribution networks. p. 15.
- Klitushin, V. G. - Steady-state stability of electrical loads. p. 21.
- Zheleznov, G. G. - Effect of frequency converters with direct coupling on supply networks. p. 24.
- Prater, R. - Compensation of reactive power and filtration of upper current harmonics in converter systems. p. 30.
- Zakhar'kina, M. Kh. - Short-circuit currents of a large turbogenerator with electronic self-excitation. p. 31.
- Palashin, L. M. - Calculation of the characteristics of end-type brushless synchronous generators with mixed excitation. p. 42.
- Kols, B. E. - Calculation of saturated magnetic circuits of d.c. electromagnets. p. 48.
- Shin, O. P., Sheina, G. P. - Effective control modes of a three-phase bridge inverter using thyristors. p. 51.
- Davidov, P. D. - Use of time-dependent polar coordinate diagrams for calculating transistorized converters. p. 55.
- Aksel'rod, F. A., and others. - Protection of thyristors from overloads. p. 60.
- Sandler, A. S., Bogachikov, B. G. - Follow-up system for an electric shaft. p. 63.
- Lomazov, V. G. - Method for analyzing transients in a.c. machines. p. 67.
- Nelushch, A. V., Burilayev, V. V. - Time-sequence matrices for electric signals. p. 72.
- Shatalov, A. S., Shatalov, I. A. - Effect of the instability of the transfer function of a filter on the accuracy of an electronic optical "shaft-raster-phase-digit" converter. p. 77.
- Iakovlev, A. V. - Frequency analysis of transients in sampled data control systems. p. 84.
- Morozova, T. V. - Experience in the use of AG-4 glass plastic in high-voltage insulators in railroad transportation. p. 88.
- Kaulakia, L. I., Kriachukaitis, D. P. - Technological and economic problems of the selection of efficient power supply systems for communal housing in cities. p. 90.
- Sergeev, A. S. - Dissertations for the degree of Candidate of Technical Sciences. p. 92.

ELEKTRONIKA BOL'SHOGO MOSHCHNOSTI (HIGH-POWER ELECTRONICS) Issued by Fizicheskaya laboratoriya Akademii nauk SSSR [Physics Laboratory of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1968.

- Table of contents translated:
- Rusin, F. S. - Linear theory of an orotron. p. 9.
- Rusin, F. S., Bogomolov, G. D. - Oscillatory system of an orotron. p. 38.
- Rusin, F. S., Bogomolov, G. D. - Orotron as a millimeter band oscillator. p. 45.
- Prozorova, L. A., Makstmerkov, P. P. - Use of an open resonator in a magnetic radiospectrometer. p. 59.
- Manenkov, A. B. - Study of open resonators with fluid concentration. p. 64.
- Cheremkov, V. M. - Experimental study of a barrel-like open resonator. p. 81.
- Kosarev, E. L. - Open resonator with echelle grating. p. 93.
- Kosarev, E. L., Tshpenok, I. U. M. - Forced oscillations of an open resonator coupled with a wave guide with small opening. p. 105.
- Dykov, V. P. - Alterations in geometrical optics of open resonators. p. 117.
- Falkovskiy, A. T. - Open resonators formed by paraflex discs with random relationships of diameters and distance between them. p. 136.
- Vainshteyn, L. A. - Space charge in crossed fields. p. 147.
- Grahov, E. P. - Design of a solenoid with uniform magnetic field. p. 155.
- Kapitsa, P. I., Prozorova, L. A. - Non-Hg wave converters. p. 208.
- Prozorova, L. A. - Dielectric plate as a high-frequency magnetic field concentrator in a cavity resonator. p. 215.
- Bogomolov, G. D. - Measurement of dielectric permeability of samples of melted quartz. p. 224.
- Melekhin, V. N. - Efficient operating modes of a microtron. p. 228.
- Lugarskiy, L. I., Melekhin, V. N. - Numerical calculation of acceleration modes in a microtron. p. 238.
- Melekhin, V. N., Lukhanovskiy, E. A. - Dynamics of particles in a microtron with nonuniform magnetic field. p. 257.
- Lukhanovskiy, E. A., Melekhin, V. N., Chornenko, V. M. - Measurement of the nonuniformity of the magnetic field of a microtron with 30 orbits. p. 275.
- Kosarev, E. L. - Phase fluctuations in a microtron with large current. p. 283.
- Kosarev, E. L. - Measurements of the accelerating resonator of a microtron. p. 309.

ELEKTROTEKHNIKA (ELECTRICAL ENGINEERING) Issued by Ministerstvo elektrotexnicheskoy promyshlennosti SSSR [Ministry of the Electrical Engineering Industry of the U.S.S.R.] and others. Moscow, vol. 39, no. 4, Apr. 1968.

- Table of contents translated:
- Medvedev, L. A. - Nonsteady heating of the rotor cage of a squirrel-cage induction motor with trapezoidal rods. p. 1.
- Zaslavskiy, D. I. - Airframe weight of an airplane generator. p. 4.
- Veselovskiy, V. N. - Power relationships in a motor binary feed. p. 6.
- Sosnina, O. M. - Stability of an asynchronous motor with impact loads. p. 8.
- Kurakin, A. S., Il'chenko, F. M. - Special features of the design of synchronous reducer-type reactive motors. p. 13.
- Kopylov, I. P., Shekhtin, O. P., Laslo, Th. - Calculation of statistical characteristics of non-symmetrical asynchronous machines with non-sinusoidal supply voltage. p. 10.
- Gribov, I. U. M. - Asynchronous motors with change in pole number by a phase superposition technique. p. 19.
- Varlet, V. V. - Principle of operation and use of synchronous reactive motors with rolling rotors. p. 22.
- Nanik, V. P., Desmertyay, E. F. - Number of stator slots with split magnetic circuit in an electric motor with rolling rotor. p. 24.
- Onchov, V. P., Ruskov, G. M. - Development of traction generators. p. 28.
- Katolnikov, V. E., and others. - Frequency controlled electrical drives with thyristor frequency converters of mine hoisting machines and winches. p. 30.
- Reshetnikov, V. E. - Disruptive forces of welded contactors. p. 35.
- Veshenovskiy, S. N. - Mechanical characteristics of an asynchronous stage with semiconductor rectifiers. p. 38.
- Alitkin, R. I. - Study of current curves and noncompensated e.m.f. of the switched sections of a traction motor with composite brushes. p. 41.
- Dargazhin, N. S. - Active resistance of the excitation winding of a salient-pole rotor to currents with different frequencies. p. 43.
- Kondner, I. N. - Geometry of the frontal parts of rigid coils of two-layer stator windings of electric machines. p. 46.
- Tolbachev, E. A. - Calculation of the output of a synchronous motor with permanent magnets. p. 50.
- Maksimov, A. I. - Optimal dimensions of coils for d.c. electromagnets. p. 51.
- Kutavyn, I. D., Del', L. I. - Concerning "hidden potentials" in the development of transformers and increase in their peak thyristor rectification oscillator. p. 57.
- Nikitin, I. U. A., Kalyshov, A. B. - Brachydynamical system of quality control in engineering. p. 58.
- Complete the five year plan before May. p. 59.
- Meetings, conferences, seminars, and hold in 1968 on various problems of equipment industry. p. 60.
- The next step in voltage is 1800 kv. p. 61.
- Conference held at the Ivanovo Power Institute. p. 61.
- International exhibition "Interbytmarsh".

Vol. 39, no. 7, July 1968.

- Table of contents translated:
- Dolnik, I. P., Voevodin, I. D., Chutik. - Electromagnetic oscillations in coil windings. p. 1.
- Mil'man, L. I. - Experimental study of strength of transformer windings under action of partial short-circuit forces. p. 7.
- Halashov, K. K., Kulikov, V. V. - Optimal power transformers. p. 7.
- Halashov, K. K. - Conversion of the end of transformers. p. 10.
- Suslov, G. V. - Pressurizing of a weld during their assembly. p. 50.
- Ivanchenko, O. R., Fomulin, K. K. - Short-circuiting time of the relays of systems of transformers. p. 52.
- Trutskiy, V. A., Kulikov, S. A. - S transformer with magnetic control. p. 63.
- Pogutkin, V. M., Vasil'ova, V. R. - Capacitance between the winding and transformer. p. 59.
- Korotkov, A. V. - Concerning the effective evaluation of the economic efficiency of noncontact switching circuits in auto. p. 81.
- Dorodnitsin, I. U. D. - Optimal geometric in large transformers. p. 17.
- Chernogolovskiy, V. M., Smolch, N. A. - Circuit of a transformer for the frequency of internal overvoltages. p. 10.
- Dachev, A. P. - Method for combining single layer windings of superimposed forms. p. 23.
- Srinhor, L. A. - Use of different systems in the construction of networks of transformers. p. 13.
- Gusev, V. N. - Analysis of the binding forms in electrical systems in the p. 15.
- Chernovits, A. K., Kozulin, V. S. - Calculation of the air cooling of a motor with rotating field. p. 28.
- Ginzunov, V. I., Kalashnikov, N. G. - Variation of insulation oil. p. 33.
- Leites, L. V. - Eddy current losses in screens. p. 33.
- Iskin, P. A., Melnikov, N. A. - Why method necessary? p. 36.
- Blutskiy, N. N., and others. - Testing rated 250 kw. synchronous motor. p. 43.
- Artamonov, A. A. - Static ferronuclear decrease frequency. p. 43.
- Shulkin, V. F., Satunov, F. K. - Determined turns of coils during the p. 47.
- ENERGETICHESKOE STROITEL'STVO (POWER CONSTRUCTION IN THE U.S.S.R.) Supplement to the Periodical "Power" issued by Tekhnicheskoy upravleniyey stroitel'stva elektromashin SSSR [Technical Construction of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. nos. 3-6, 1967.
- ENERGETIK (ELECTRIC POWER TECHNOLOGY) Issued by Ministerstvo energetiki i elektromashinostroyeniya SSSR [Ministry of Power and Electrification of the U.S.S.R.]. Central Committee of the Trade Union of Electric Power Stations and the Electrical Industry. Moscow, vol. 10, no. 2, Feb. 1968.
- Table of contents translated:
- Kuznetsov, I. U. S. - Automation of auxiliary boilers. p. 1.

Robert Eduardovich Klasson; on the 100th anniversary of his birth, p. 2.

Zhilkin, N. A., Zhukovskiy, I. D. - Effectiveness of the modernization of AT-25 turbines, p. 3.

Bronevskiy, F. I. - RNV-10 minimal voltage relay with time delay, p. 6.

Urinskov, I. A. S. - Analysis of some damages and experience in the operation of turbogenerators with 150,000-200,000 kw. power rating, p. 8.

Asatadjan, G. N. - Is it expedient to separate repair operations into general and running maintenance in the repair of the equipment of electric power plants? p. 11.

Kylykov, B. A. - Wages and the establishment of work norms for hourly workers are important conditions for increasing labor productivity, p. 12.

Nekrasov, N. V. - Experience in the selection of personnel in electric power plants, p. 14.

Kapka, F. P. - Use of a pitometer in a water treatment system, p. 16.

Motshadskiy, M. T. - Acid washing of a high-pressure heater, p. 17.

Byenkova, V. I. - Determination of silicic acid in hydrochloric wash solution in the presence of fluorides, p. 17.

Guyk, S. A., Bulganskii, I. A. M. - Use of saw dust in the removal of iron from industrial condensates, p. 17.

El'tsov, V. A. - Compensating device of a water-tube boiler tubular heater, p. 18.

Onitskii, K. A. - Design of a tube for measuring dust content of the gases in boilers with large evaporative capacity, p. 18.

Khrushchuk, V. Z. - Throttle valve for feed pumps, p. 19.

Moskvin, P. I. - Sage with 200 kv. rating consisting of KDM-100/25 and TVQ-110-50 transformers, p. 19.

Schenebrenko, A. A., Ilyin, A. A. - Device for removing a damaged winding from a stator, p. 20.

Kudryov, G. G. - Locating the area of decreased insulation in the rotor winding of a synchronous machine in the site of insulation, p. 21.

Fabinskiy, S. I. - Redesigning of circuits regulating acceleration of a simplified distance-type protection system, p. 21.

Alaev, V. - Experience in using semiconductor diodes in TARS radio transmitters, p. 22.

Grishov, N. N. - Peak current protection system of 6-10 kv. couplings with current transformer feed, p. 22.

Garkhil, L. V. - Simplified method for calculating the operation of 6 and 20 kv. distribution networks, p. 22.

Kiselev, O. B. - Inductive method for burning and the limitation of motor windings, p. 24.

Tsiretkov, O. I. - Device for measuring neutral displacement voltage in 15 kv. network, p. 26.

Mallat, M. H. - Protection of low-voltage networks, p. 27.

Gagar, F. G. - Testing of electrolytic heating in low-voltage parallel circuit, p. 28.

From the editor's mill, p. 30.

Through the pages of foreign magazines, p. 33.

In the State Power Engineering Review of the U.S.S.R., p. 34.

Kosholev, G. P. - A conference and seminar on electrical safety in electric power distribution networks, p. 35.

Polgov, A. N. - Use of new equipment and the decrease of expenditures on labor in carrying-out electric equipment installation operations, p. 36.

Power engineer's reference sheet, p. 38.

ENERGOIZOIASTVO ZA RUMINIA: prilozhenie k zborniku "Elektricheskie stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES; Supplement to the Periodical "Electric Power Stations"], Issued by Gosstatizhennoe energoizhenstvo Izdatel'stvo [State Power Engineering Publishing House], Moscow, no. 3, May-June 1968.

MOSCOW. VSESOUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT ELEKTROENERGETIKI. Trudy ILL-UNION SCIENTIFIC RESEARCH INSTITUTE OF ELECTRIC POWER ENGINEERING. Transactions, No. 27, 1967.

Table of contents translated:

Ginzburg, S. A. - Circuit construction of the RER-2 computer, p. 5.

Lubarskii, I. U. A. - Iakovleva, T. S. - Hybrid functional converter and its analysis, p. 10.

Boroznits, B. V., Iakovleva, T. S. - Multichannel analog memory device, p. 24.

Boroznits, B. V. - Method for compensating errors of elements used in switching and memory of analog quantities, p. 41.

Boroznits, B. V. - Program control system of the RER-2 computer, p. 47.

Shlimovich, V. D. - Device for accounting for the effects of losses in the network of the RER-2 computer, p. 55.

Boroznits, B. V., Lubarskii, I. U. A., Sivrovskii, A. N. - External equipment of the RER-2 computer, p. 65.

Boroznits, B. V., Mal'shevskaya, N. S. - Study of some analog-to-digital converters, p. 74.

Mal'shevskaya, N. S. - Study of the joint operation of a functional analog memory unit and a digital computer in the solution of problems on efficient distribution of loads, p. 91.

Shlimovich, V. D. - Method for determining the effectiveness of accounting for the effect of losses in the distribution of active loads in power systems using analog computers, p. 95.

Shalyt, G. M. - Selection of the characteristics of a system for coupling pulsed measuring devices to an electric power transmission line, p. 107.

Shalyt, G. M. - Characteristics of the pulse signal blocking units of electric power transmission lines, p. 125.

Shalyt, G. M. - Propagation of pulse and high-frequency signals with connection of sources to three wires of a line, p. 138.

Strelkov, V. M. - Approximation method for determining a current and voltage transforming matrix in the case of a nonsymmetrical line to independent components, p. 161.

Shalyt, G. M. - Increasing the reliability and accuracy in locating damages in overhead lines using fixing instruments, p. 173.

PRIBORY I SISTEMY UPRAVLENIA (INSTRUMENTS AND SYSTEMS OF CONTROL). Organ of Ministerstva prirobostraneniya, sredstv avtomatizatsii i sistem upravleniya i Tsentral'noe pravleniye nauchno-tekhnicheskoy obshchestva prikladnoy teorii i promyshlennosti (Ministry of Instrument Manufacture, Means of Automation, and Control Systems, and Central Administration of the Scientific and Technological Society of the Instrument Industry | Moscow, no. 10, Oct. 1967.

Table of contents translated:

Rudnev, K. N. - Principal problems in the construction of automated systems of management for the national economy, p. 3.

Rakitskiy, M. E., Svochansk, D. V. - Pressing problems in the development of technical means for production management, p. 3.

Solovov, B. S. - Development of instrument manufacturing industries in member countries of the Council for Mutual Economic Aid, p. 7.

Aleksandrov, V. V. - First and second "generations" of domestic electronic computers, p. 9.

Akhutin, R. L. - Principal trends and problems in the construction of automated systems for the management of discrete production processes, p. 11.

Petrov, I. K. - Principal trends and problems in the construction of automated systems for the management of technological processes, p. 14.

Khrushchuk, S. F. - Provision of computer equipment for automated systems of management, p. 17.

Iakubson, D. M., Rozitskiy, A. E. - Problems of the construction of automated systems of industrial management, p. 18.

Lapsin, I. U. P. - Control computers in automated systems of management, p. 21.

"Organizatsiya" in the year 1967, p. 23.

Pshenichnikov, A. M. - Systems and equipment for the transmission of telemechanical information, p. 25.

Korobov, V. V., Iurkovich, A. P., Jordan, G. G. - Thermal engineering instruments and means for industrial automation, p. 28.

Rukhlov, V. A., Chervinskii, A. T. S. - History of the development of the instrument manufacturing industry of the U.S.S.R., p. 31.

Mironov, V. D. - Contribution of the instrument manufacturing industry to power engineering, p. 38.

Charikhov, L. A. - Present-day means for the automation of processes in ferrous metallurgy, p. 42.

Zukov, G. A. - New developments in automation in nonferrous metallurgy: present state and prospects, p. 46.

Shechovitskiy, S. S. - Contribution of the instrument manufacturing industry to the building industry, p. 52.

Slachov, A. A., Shapiro, M. G., Danilov, R. S. - Medical instruments, p. 54.

Agelko, D. I., Galaktionov, A. I., Fatkin, L. V. - Principal trends in research in engineering psychology, p. 58.

Shmakov, I. U. I. - Standardization and quality in instrument manufacturing, p. 62.

Gavrilov, A. N. - Present-day state of the art and prospects for the development of instrument technology, p. 64.

No. 12, Dec. 1967.

Table of contents translated:

Levinson, B. A., and others. - Dynamic characteristics of a high-speed electrohydraulic controller, p. 1.

Dogadov, A. A., and others. - Study of the effect of magnetic recording on the accuracy of the transmission of signals of frequency transducers, p. 4.

Dufarskiy, S. M., Trushin, E. I. - Radiational pyrometer with light guide for measuring temperatures below 1000° C, p. 7.

Gafanovich, M. D. - Measurement of expenditure with automatic accounting for the actual parameters of the gas, p. 11.

Kulikovskiy, I. F., Chubarov, I. U. P. - Jet-type photogalvanometric compensator, p. 16.

Rylov, I. A. - Calculation of a functional converter with piecewise linear approximation, p. 17.

Etin, A. V., Petrov, V. A. - Calculation of the dynamics of two positional control of an aperiodic object with delay, p. 20.

Tarko, L. M. - Frequencies of self-oscillations of a pressure measuring system, p. 22.

Ismaylov, E. A. - Expenditure indicator with direct action, p. 23.

Henberg, I. I., and others. - "Talga" two step control computer system, p. 27.

Panasenko, I. M., Fatkin, I. V. - Methodology for the analysis and evaluation of control boards and consoles, p. 30.

Khalturin, B. N., Skripnikov, I. U. F. - Transistorized radiometer unit, p. 33.

Bazanov, V. K., and others. - A readout from diagrams and graphs, p. 36.

Zgonim, V. M. - Study of the operation of instrument frictional devices, p. 39.

Maslovskiy, N. I. - Gluing instead of mechanical coupling of components, p. 40.

Kriva, B. O., Tabolin, E. M. - Overall mechanization of data processing in planning and accounting for work and wages using electronic computers, p. 41.

Iastrebenetskiy, M. A., Vinogradskiy, S. V. - Reliability of registering devices, transducers and their subassemblies, p. 43.

Kleiman, I. B., Leinberg, I. M. - Compensational transistor switch, p. 48.

Goslov, V. I. - Synchronous transistor switch with regulated closing duration, p. 47.

Skripnikov, I. U. F. - Network for triggering a relay by a single impulse with short duration, p. 48.

Viktorov, V. A., Samsonov, N. G. - Universal level signaling devices, p. 49.

Girshovich, I. U. E. - Study of an optoelectronic gas analyzer measuring small differences in the concentration of CO₂, p. 51.

Vinsov, V. P., Kluzdint, O. A. - The STSh-032 multiple-point temperature signaling device, p. 52.

Makatinov, L. S. - Improvement of the 1001 vibration pickup, p. 53.

Vukov, V. V., Kosterko, M. A., Helobryukov, B. N. - Photoelectric relay with transistor amplifier for contactless industrial automatic control systems, p. 53.

Sorokin, I. U. V. - ADY-200 analytical scales with an attachment for automatic equalization and regulation of readings, p. 54.

Index of new instruments, p. 65.

I. N. Shumilovskiy; obituary, p. 59.

No. 1, Jan. 1968.

Table of contents translated:

Sedykh, O. A., Khurshidov, V. A. - Calculation of the reliability of logical devices using noncontact aerial elements, p. 1.

Bolarchenkov, M. A., and others. - Integrators using split cores with rectangular hysteresis loop, p. 6.

Pozner, V. V., Shapiro, I. U. M. - Two-polar self-oscillatory d.c. amplifiers, p. 11.

Chernikov, G. I. - Contactless pulsed functional converter for automatic control systems, p. 15.

Dolitskiy, V. A. - Network for the conjunction of impulses shifted in time, p. 18.

Bertinov, M. A., Iakobishvili, A. Z. - New electrolytic heating transducers and gyrothermal balance hydro-meters, p. 20.

Korylov, N. D. - Calculation of the accuracy of manufacture of hygrometer capacitance transducers, p. 22.

Vitner, G. A., Kohn, V. M. - Network for temperature stabilization of heater elements, p. 23.

Orlyntsov, V. M., and others. - Pyramidal information system for the collection of a data from transducers and transmission of it to a computer at a remote site, p. 25.

Nikiforov, A. G., Rozitskiy, A. E. - Automation of an informational input process by means of the URI-4 device, p. 31.

Dilenko, K. I., Markov, B. F., Rozov, I. U. V. - Multichannel system of control computers with regulators, p. 31.

Nikolov, A. F., and others. - Removal of electrostatic charges from the surfaces of items from cast LPT, p. 34.

Gavrilashvili, Kh. I., Osipovich, L. A. - Technology of the manufacture of precision-type multistrand light guides, p. 38.

Liberman, V. B. - Principal trends in mechanized processing of economic information in enterprises, p. 38.

Rozhnov, V. S. - Use of computers in overall mechanization of accounting, p. 41.

Iur'ev, V. N., Bunina, T. S. - Use of permanent punched cards in evaluating the commodity output, p. 43.

Viktorov, V. A., Mishchenko, V. I. - Multipositional high-frequency level signaling unit, p. 48.

Novikov, L. V., Bukun, B. I., Komarov, G. S. - Thick-walled heat flow transducer, p. 47.

Charikhov, L. A., Danilovskiy, S. K. - Thermocouple with detachable pickup head, p. 49.

- Diakov, F. S., Kotelnikov, G. S., Lavrentuk, I. I. - Color pyrometer. p. 52.
- Zhiznev, I. U. D., Nazarov, I. U. E. - Automatic equalization of tension along the width of a steel strip in a process of cold rolling. p. 53.
- Zakorkin, V. D. - Use of thyristors as noncontact switches. p. 55.
- Kuznetsov, V. S., Stnikov, I. S. - Digital indicator using gas discharge tubes. p. 56.
- Danilchuk, V. P., Zinkovskii, A. A. - Stand for conditioning differential pressure gauges with cyclic change in the input parameters. p. 57.
- Index of new instruments. p. 59.
- Ospovet, L. A. - Third All-Union Conference on Semiconductor Thermometry. p. 61.

No. 2, Feb. 1968.

- Table of contents translated:
- Prusakov, V. S. - Analysis of transients in pneumatic systems of cascade linked control. p. 1.
- Vershinskii, V. B., and others. - Measurement of voltage relationships of the bridge transducers of automatic gas analyzers. p. 4.
- Mazo, R. I. - Contactless programmed regulator of temperature with thyristor output. p. 7.
- Sevbo, G. S., Lachkov, S. V. - Standardization of scales of electronic automatic bridges operating with semiconductor thermistors. p. 9.
- Gladkov, E. A. - Study of the boundary effect of the electromagnetic field of a transducer of transverse displacements. p. 11.
- Zaripov, M. F., Bozhenko, I. I., Gashpar, E. M. - Matching of phases of input and output signals in transformer compensating elements. p. 14.
- Pyzhik, G. N. - Pulse counter using magnetic and transistor storage cells. p. 17.
- Turchikov, V. I. - Transistor circuits controlling TL-type fluorescent lamps. p. 18.
- Muravtsev, I. U. L. - Calculation of reliability taking into account operating conditions. p. 21.
- Dorokhov, E. I. - Derivation of formulas for the inductance of a toroidal core with round cross section. p. 24.
- Dashchuk, E. A. - Designing of electronic strain gauge scales with analog measuring circuits. p. 25.
- Ordynskiy, V. M., Strigin, V. Z., Khramov, A. D. - Automatic analog discrete system for constructing dependence graphs according to a stepwise changing argument. p. 27.
- Orlov, E. I. - Simultaneous work of two computers on the solution of a problem. p. 33.
- Markov, I. F. - Selection of the form of a standardized signal for input to a control computer. p. 34.
- Govorov, B. A. - Program controlled winding machine for sint windings. p. 35.
- Churab, D. D. - New materials for instruments. p. 37.
- Kuznetsov, N. D., Probozhenskii, V. P. - Additional errors of secondary instruments. p. 40.
- Mashlykin, D. G., Leparskii, I. O. - Control networks of reversing electric drives using semiconductor elements with p-n-p-n structure. p. 41.
- Sinitsyn, I. N., Medvedevskii, V. B., Korolukhin, V. I. - Corrosion resistant transducer of an induction-type flow meter. p. 43.
- Pravoverov, N. I., Babnev, R. M., Tukhonov, V. I. - High-temperature thermometer from polycrystall boron. p. 45.
- Trukachev, B. S. - Characteristics of semiconductor germanium dendrite transistors at low temperatures. p. 44.
- Korenchuk, G. B. - The KD-64 varactor condenser. p. 46.
- Index of new instruments. p. 47.
- Vigdorov, D. I., Sakhaluk, D. M. - Automatic digital converter of closed-loop graphs. p. 49.
- Gazonpud, E. S. - Use of the K80-8 controller for the readout and registration of data from punched cards. p. 50.
- Krichinskii, R. S., Tonkot, E. F. - Express method for obtaining the frequency characteristics of moist materials. p. 50.
- Balagura, N. I. A., and others. - Multifunctional data processing unit. p. 52.
- Abdrakhmanov, M. I., Shukov, A. A., Shapiro, M. G. - Differential analyzer of the concentration of oxygen in two gas mixtures. p. 53.
- Semiletov, G. D. - Methods for matching the output signals of the measuring elements of automatic control systems. p. 54.
- TSyngankov, B. K. - Use of regulated diodes in decade counters. p. 55.
- Kirkila, Z. A. - Optical reading equipment; brief review of foreign literature. p. 57.
- Dzhagupov, R. G., Korimzade, S. K. - Remote control unit with piezoelectric memory cell. p. 61.

PROMYSHLENNAYA ENERGETIKA [INDUSTRIAL POWER]. Organ of Ministerstvo energetiki i kholodil'nikatsii SSSR i Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U. S. S. R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 23, no. 6, May 1968.

Table of contents translated:

Movsesov, N. S. - Present state and continued develop-

- ment of design and installations of electrical networks of industrial enterprises. p. 2.
- Larionov, V. A. - Adaptive system of pneumatic transportation. p. 9.
- Aleshchenko, A. P. - Economy of water in the economy of electric power. p. 11.
- Kholmogorov, I. U. P., and others. - Advanced methods for machining metals by cutting. p. 13.
- Kostenko, P. N. - Increase the reliability and efficiency of electric power supply of open pit mines. p. 14.
- Petrjaev, L. A., Blekerov, V. P. - Experience in the operation of semiconductor rectifying units. p. 18.
- Sviderskii, M. L. - Increasing the accuracy of the measurement of electric current. p. 21.
- Goldberg, I. L. - Determination of the correct connection of electrical meters. p. 22.
- Belukopytov, S. G., Shern, V. L. - Method for burning out damaged and defective insulation in cable lines. p. 23.
- Taravskii, I. L. - Use of electric filters in cleaning the gases during the burning of fuel in a fluidized bed. p. 26.
- Frenkel', M. I., Spektor, B. A., Platonova, L. I. - Quality of manufacture of unflow valves for piston compressors. p. 29.
- Through the pages of trade journals. p. 31.
- Artyeski, V. M. - Automation in metallurgy. p. 32.
- Ermilov, A. A. - Electric power distribution in areas with air pollution. p. 36.

RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosvazi im. A. S. Popova [A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 23, no. 5, May 1968.

- Table of contents translated:
- Gerasimov, M. E., Doloshin, I. A. - Optical linear receiver without redundant noise. p. 2.
- Kallina, A. I. - Diffraction of radio waves about the earth with non-homogeneous atmosphere. p. 8.
- Kilatskii, I. G., Zhukov, V. B. - Method of leading geolocal and synthesis of antennas. p. 16.
- Fomina, N. K. - Contribution to the nonlinear theory of a tunnel diode crystal oscillator. p. 23.
- Prokhorov, I. S. - Frequency characteristics of an a. c. amplifier with direct coupling of transistors. p. 31.
- Fruvich, A. N. - Fluctuations in self-oscillators with periodically nonstationary shot noise. p. 35.
- Bukhvalov, V. F., Bardura, N. V. - Discrete phase of signals with PM in diversity reception. p. 43.
- Komparov, I. I., Lenovskov, A. M. - Stability of multivibrators with collector-base couplings. p. 51.
- Samaranenko, S. V. - Measurement of an angle in presence of noise and unknown signal parameters. p. 57.
- Urlov, A. N. - Optimal apatial treatment of signals. p. 63.
- Voronin, A. A. - Carrying capacity of electrical communication channels with fluctuating parameters. p. 69.
- Karpukhin, V. I. - Accuracy of the measurement of one parameter with amplitude-phase distortions of signal. p. 73.
- Ilykov, V. V. - Digital modeling of processes in linear and nonlinear continuous systems. p. 80.
- Goroshchinskii, A. B. - Phase distribution of current in an anisotropically conductive helical cone and its application to the analysis of frequency independent antennas. p. 87.
- Larin, V. V. - Rules governing the composition of a graph with a square-law matrix. p. 88.
- Rodionov, I. A. G. - Contribution to the analysis of transient processes in a tracking filter during the reception of phase modulation signals with follow-up tuning. p. 90.
- TSykin, G. S. - Wideband power amplification stages. p. 92.
- Chislakov, N. I. - Definition of the term "radio waves." p. 103.
- Foreign technology. p. 104.
- Bradic, G. V. - Principle of beamless scanning and scanners. p. 105.
- Sixth Congress of the A. S. Popov Scientific and Technological Society of Radio and Electronics. p. 106.
- Pudovkin, K. I., Madzari, I. I. - An anniversary scientific and technical conference in the Odessa Polytechnical Institute. p. 107.
- I. Kh. Nevizhskii, on his 70th birthday. p. 109.

Vol. 23, no. 7, 1968.

- Table of contents translated:
- Kolomnichuk, L. M. - Determination of transient and frequency characteristics of complex linear networks. p. 1.
- Lagov'er, B. B. - Interconnecting of the parameters of a nonideal directional coupler. p. 6.
- Murzel'shtam, M. I. A. - Wide-range adjustable rectangular waveguide resonator with a capacitive tuning pin. p. 9.
- Dolzhonkov, A. A., Zimn, D. B. - Contribution to the theory of computational scanning antennas. p. 14.
- Kopylov, N. V. - Supply voltage range of a transistor amplifier. p. 23.

- Zhegusov, I. I., Strikov, I. A., Etkin, V. S. - Use of oriented graphs and dissipation matrices in the calculation of the characteristics of regenerative amplifier stages. p. 28.
- Smogilev, K. A. - Noise factor of a tuned transistor amplifier. p. 34.
- Simonov, I. M., Kamet, S. G. - Noise relationships in amplifiers with automatic gain control. p. 39.
- Ginzburg, S. A. - Signal-to-noise ratio in noncoherent reception of optical signals. p. 44.
- Gorbachov, A. A., Danilov, V. I. - Pulse noise limiter with tracking threshold in noise signal receivers. p. 48.
- Rozov, V. M. - Evaluation of time distortions of binary shortwave signals due to fading. p. 63.
- Kononovich, L. M., Polbennikova, R. G. - Some statistical properties of a stereophonic signal. p. 64.
- Tellatnikov, L. I., Miliash, V. G. - RF pulse twin-frequency trigger based on the frequency pulling phenomenon. p. 66.
- Antalovich, V. F. - Transistor multivibrator with variable condensers in the timing circuits. p. 73.
- Ied'kin, G. E. - Calculation of currents and losses in the coils of the artificial line of a pulse modulator. p. 78.
- Semichov, V. I. - Determination of mutual inductance of flat microcoils. p. 88.
- Volgin, L. I. - Errors of a. c. voltage measurements with presence of internal noise of an electronic voltmeter. p. 91.
- Vul', V. A. - Stopping of oscillations in a generator with hard excitation by an external radio signal. p. 100.
- Vetlinskii, V. N. - Evaluation of the fluctuation component of the angle measurement error of a radar station determining coordinates on the propagation. p. 101.
- Prozorovskii, V. E., Negodenko, D. N. - Five-layer film band elimination filters. p. 104.
- Mukorov, N. G., Tuzov, V. M., Motorov, E. G. - RF pulse amplifier for superhigh frequency equipment of discrete automatic control and computer systems. p. 105.
- Zinov'ov, A. L. - Measures in the improvement of the quality of training of radio engineers. p. 109.
- Malarkin, N. T. - Scientists and technologists in the struggle for the use of new equipment in industry. p. 109.
- K. M. Kostikov, on his 80th birthday. p. 110.

REFERATIVNYI ZHURNAL: ELEKTRONIKA I EE PRIMENENIE [JOURNAL OF ABSTRACTS, ELECTRONICS AND ITS APPLICATION]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 8, Aug. 1968.

REFERATIVNYI ZHURNAL: YADERNYE REAKTORNY (Otdel'nyi vypusk 60) [JOURNAL OF ABSTRACTS: NUCLEAR REACTORS (Separate Issue 60)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1968.

REFERATIVNYI ZHURNAL: RADIOTEKHNIKA [JOURNAL OF ABSTRACTS: RADIO ENGINEERING]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 8, Aug. 1968.

RUSSIA (1923- U. S. S. R.) - Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; otkromol'daniika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]. Novotekhnichesk. no. 3, Mar. 1968.

- Table of contents translated:
- Lovlan, S. A., Dmitriyev, E. V. - Electric filters with rotating field. p. 223.
- Lovlan, S. A., Uselov, A. A. - Determination of radial and axial components of a rotating magnetic field in a cylindrical inductor with a magnetic circuit. p. 234.
- Sviridenko, P. A., Sapronov, M. I. - Damping moments in an electrical system consisting of two parallel operating synchronous frequency converters. p. 241.
- Potrov, V. M., Raitskh, I. K., Stunov, N. S. - Calculation of currents in the rods of the damper cage of a synchronous generator in single-plane operation using an electronic digital computer. p. 248.
- Shobolov, V. E., Surovnikov, A. A. - Method for calculating magnetic flux in transient modes. p. 263.
- Tin, O. P., Sheina, G. P. - Determination of optimal angle of regulation of thyristors and of the width of the control pulses of a three-phase bridge-type voltage inverter. p. 263.
- Voloshin, N. V., Erukhimovich, V. M. - Control circuit of thyristorized converters using tunnel diodes. p. 272.
- Bardin, V. M., Shagin, I. I. - Control circuit for rectifying units using thyristors. p. 276.

- Shchedrin, M. B. - Increasing the interference stability of thyristor relays with inter-anode capacitive coupling. p. 284.
- Timurdzhi, V. G. - Device for protecting silicon rectifiers from current overloads using an anode modulator. p. 288.
- Pelin, O. P., Makhno, V. I. - Shunting of germanium diodes in high-voltage rectifier circuits. p. 283.
- Korotkov, V. F. - Dependence of the working resistance of a directional resistance relay on the current in pulse phase comparison. p. 288.
- Grelvula, I. A. P. - Determination of the parameters of heat compensation in circuits of a relay-type measuring unit with one electrical value and a stabilizer. p. 304.
- Carlsonov, K. P., Ivanov, V. P. - Synthesis of equivalent circuits of transformers in pulsed operation using design data. p. 310.
- Karapetian, M. A. - New method for measuring the capacitance of condensers with high Q. p. 316.
- Kashdan, A. E. - Center of a network. p. 325.
- Gorshkov, A. F., Kirpichnikov, V. M., Stunov, M. N. - Selection of the structure of the buffer memory of a registering device. p. 328.
- Shukshunov, V. E. - Automatic device correcting the dynamic characteristics of heat receivers with large inertia and complex transfer function. p. 331.
- Dashova, T. M., Bugalavskii, I. Z. - Determination of expenditure and superheating of a cooling gas in a program on the design of turbogenerators using electronic digital computers. p. 335.
- No. 4, Apr. 1968.
- Table of contents translated:
- Frolov, B. V. - Phase relationships in electric filters. p. 347.
- Florov, A. B. - Effect of the organization of external memory on productivity in sequential treatment of information using electronic digital computers. p. 354.
- Sivokobylenko, V. F., Otkrokh, I. A. A. - Study of dynamic operation of asynchronous electric drives with large power rating using analog computers. p. 362.
- Ivanova, G. V., Ivanova, N. V. - Torque and electromagnetic power of an asynchronous regulated motor with two nonsymmetrical stator windings. p. 369.
- Sorokina, A. A. - Determination of parameters of an asynchronous motor with solid rotor and cage. p. 373.
- Filits, R. V. - Simplified method for calculating the characteristics of dynamic braking of asynchronous motors. p. 382.
- Mezin, E. K. - Generalized operating characteristics of asynchronous motors in rolling units. p. 380.
- Nguyen Van A. - Dependence of the slipings of an asynchronous electric motor on voltage and frequency. p. 390.
- Egorov, B. A., Ushakina, E. M., Rogachovskii, V. S. - Comparative analysis of regulatory characteristics of asynchronous-reactive and asynchronous electric motors with frequency control. p. 399.
- Kalmykov, I. Z. - Calculation of inductive impedances and short-circuit current of synchronous generators with permanent magnets. p. 407.
- Namiatkov, K. K., Brozinski, V. G., Kats, B. B. - Special features of operation of a sliding contact in transformer oil. p. 412.
- Voloshin, N. V., Frumkin, V. L. - Elimination of an oil wedge in the slide contact of oil-filled electrical machines. p. 418.
- Aydeev, V. P., Pokor, I. I. - Design of a solenoid-type differential transformer converter. p. 420.
- Goldsholm, E. I., Traut, L. V. - Engineering calculation of principal parameters of electromagnetic devices using standardized short-type cores with air gaps. p. 433.
- Largavgon, E. N. - Calculation of the field of scattering of ferrite spheres. p. 440.
- Kirpichnikov, V. M., Gorshkov, A. F., Stunov, M. N. - Use of a stopping register in semi-cognitive systems. p. 443.
- Birula, I. N., Gorbachov, A. D. - Experimental determination of the parameters of equivalent circuits of asynchronous motors with hollow ferromagnetic rotors. p. 447.
- Figurov, E. P., Gordoov, V. I. - Discrete analyzer of random processes. p. 449.
- Cherniyavskii, A. A. - Prospects for using a bridge method for separating signals in remote control. p. 451.
- Bezruchenko, V. N. - Experimental substantiation of the theory of commutation of a rectilinear at an average. p. 454.
- Kostyrko, I. A., V. I., Bardun, M. M. - Contribution to the theory of switching systems. p. 458.
- Linkovskii, Zh. B. - Evaluation of the reliability of measurements using electric measuring instruments. p. 461.
- Gordoov, R. I., Sharem'tov, K. G. - Device for controlling given values of a random function by a confined argument. p. 464.
- No. 6, June 1968.
- Table of contents translated:
- Ivanov, V. V. - Special features of magnetic shielding by spheroidal shells. p. 505.
- Ishakov, K. F. - Features of ferromagnetic resonance on lower harmonics. p. 509.
- Bobrikov, S. A., Sennov, V. A. - Design of the magnetic circuit of a nondistorting arc-quenching coil with smooth regulation of inductance by magnetization. p. 604.
- Val'dek, A. I., Lakhmeto, R. A. - Permeance of the air gaps and calculation of the magnetic fields of salient-pole synchronous machines. p. 609.
- Kurakin, A. S. - Effective form of the slots of reducing motors. p. 622.
- Lur'a, Z. A. - Analytical study of an automatic loop control system of machines for transverse cutting of rolled steel. p. 628.
- Savateev, V. G., Nikulin, I. I. - Construction of an automatic control system invariant in respect to disturbance for mine hoists with UV-D drives. p. 634.
- Svetlov, B. I. A. - Increasing the reliability of the start of a telemechanical system. p. 642.
- Zinlov, H. P. - Process of information transmission by telemechanical systems. p. 647.
- Shitrov, I. A., Kokalovich, P. V. - Use of simplified quality criteria in the automatic determination of the parameters of a controller. p. 653.
- Moskalenko, Yu. I. - Requirements of the signal selector of a double-cut-off relay program control system and the selection of the transfer number between channels. p. 661.
- Baklanov, L. E. - Calculation of a response optimal transition in one class of third-order systems. p. 666.
- Kulagin, B. P., Volovnik, M. S. - Invariant systems for power regulation of d.c. ship propulsion units. p. 671.
- Osmolovskii, P. F., Drobotskii, V. G. - Two-channel signal restoring system with a dynamic adjustable model. p. 676.
- Shornikov, R. K. - Dynamics of an electromechanical converter. p. 681.
- Sokolov, G. G. - Elimination of built-up currents in a bridge-type transistor pulse amplifier. p. 690.
- Mushakov, S. V. - Magnetic field of a d.c. circuit current placed in a ferrite cylinder. p. 696.
- Gatsevaluk, U. S. - Numerical method for constructing transient processes of systems with decay. p. 698.
- Aydeev, V. P. - Calculation and study of the statistical characteristics of a solenoid-type differential transformer using an electronic digital computer. p. 700.
- RUSSIA (023) - U.S.S.R. Ministry of Higher and Secondary Specialized Education. Bulletin of the Institute of Higher Learning: Power Engineering. Moscow, vol. II, no. 5, May 1968.
- Table of contents translated:
- Pollakov, V. E., Fedotov, V. P. - Logical synthesis of an optimal network for three-phase automatic reclosing. p. 1.
- Kuzin, S. K. - Theoretical principles of the calculation of the loads of a power system presented by a group of traction substations. p. 8.
- Mubarakshvili, F. Kh. - Study of the input section of the gaps of arc quenchers with longitudinal air blast. p. 16.
- Stepanchuk, K. F. - Motion of gas bubbles in transformer oil subject to the action of an electric field. p. 20.
- Varenik, I. D. - Study of the effect of the composition of an epoxy compound on its tracking resistance. p. 24.
- Kovzan, A. A. - Analysis of heretive symmetrical reactive m-type filters. p. 29.
- Shubenko, V. A., Abukunov, I. D. - Modeling of instantaneous phase currents and voltages of asynchronous motors in transient and steady operation using analog computers. p. 36.
- Volkov, N. P., and others. - Results of tests of the K-25-99 turbine in a central heating back-pressure model. p. 42.
- Kirillov, A. I., Pavlov, A. P. - Terminal losses in active lattices at large subsonic and supersonic velocities. p. 47.
- Buznits, V. M., Velichenko, G. P. - Experimental study of heat emission during free convection in an electrostatic field. p. 52.
- Gul'dman, I. M., Ershov, A. I., Mikhov, I. M. - Study of the hydrodynamics of a contact plate with interaction of phases in a falling jetting flow. p. 57.
- Avchukhov, V. V. - Study of aerodynamic resistance of streamlined transverse lattice-type tube banks. p. 64.
- Priestakov, V. F. - Study of gas flow from one volume to another. p. 68.
- Kurganov, A. M. - Calculation of the parameters of motion of the actuating mechanism of a solid hydraulic drive. p. 73.
- Golovetko, A. G. - Effect of evaporation processes on the development of the temperature field of electrodes during impulse discharge. p. 78.
- Musaelian, S. M. - Nonsynchronous feature of the annual runoff of a series of large rivers of Transcaucasia as applied to problems in hydraulic engineering. p. 86.
- Fedotkin, I. M., Zaslav, A. S. - Study of hydraulic resistance during the flow of a pulsating current of a liquid in pipes. p. 93.
- Erashenko, G. P. - Calculation of a series element of magnetized regulators with interlinked construction. p. 101.
- Krivonozov, A. I. - Calculation of a family of straight branches of the volt-ampere characteristics of a p-n junction for different temperatures. p. 103.
- Chechushkov, G. A. - Calculation of inductances of toroidal windings. p. 105.
- Itsk, S. I., Kochumashvili, V. A. - Effect of ambient air temperature on the characteristics of an asynchronous motor. p. 108.
- Choldikovskii, I. R. - Determination of the heat transmission factor of condenser oil and chlorinated biphenyl. p. 111.
- Laska, A. S., Stoinov, F. A., Korukht, V. S. - Effect of some parameters on variable aerodynamic forces acting on a turbine stage. p. 114.
- Drovin, L. A. - Generalized nomograms for calculating the heating by radiation of a nonrestricted plate and an infinitely long cylinder. p. 118.
- Dorfman, L. A. - Heat emission of a rotating disc with constant-uniform heat flow. p. 124.
- Vol. II, no. 6, June 1968.
- Table of contents translated:
- Ginskii, E. V., Novak, V. I., Malinov, A. N. - Analog modeling of longitudinal differential protection of power transmission lines. p. 1.
- Gol'man, M. V., Zolov, V. F. - Calculation of high-frequency oscillations in the rectified voltage of ionic oscillators. p. 7.
- Rutskii, A. I. - Itching of conductors and wires during short circuits. p. 12.
- Sychugov, N. A., Vagin, P. I. - Calculation and matching of diode-resistor logical elements with high-resistance inputs. p. 18.
- Bobrovskii, L. D., Riazov, B. M. - Electrical strength of an epoxy compound in a vacuum field. p. 23.
- Gol'man, M. Z., Muravich, V. I. - Aging of an epoxy compound of increased frequencies. p. 28.
- Gur'yachikov, S. N., Puchkovskii, V. V. - Characteristics of partial discharges in transformer oil with graphite particles. p. 33.
- Anisimov, V. S. - Selection of an asynchronous squirrel-cage motor for driving the drum of an assembling machine. p. 38.
- Kurnosov, A. T. - Economic basis for the selection of thermal networks of power regenerative systems. p. 48.
- Ivanov, V. A., Kalanik, V. A. - Dynamics of the regulation of transfer power in power systems with presence of steam turbine blocks. p. 54.
- Khuskii, G. I., Pirogov, V. G., Klaburg, S. L. - Dynamic structure of a system controlling automatically the start of a boiler-turbine block. p. 60.
- Vnailov, U. A., Kashirskii, V. G. - Prospects for overall utilization of Knas-Achinsk lignite in steam-vapor systems. p. 66.
- Bazarov, S. M., Itina, L. P., Nakhman, I. V. - Method for approximation calculation of the parameters of water vapor during a flow with spontaneous condensation. p. 73.
- Minkhin, L. A., and others. - Effect of steam contamination on the life of steamrollers in ropeway condensation. p. 81.
- Surinov, Yu. A., Lukhanenko, O. P. - Zonal study and calculation of radiant heat exchange in a prismatic chamber with nonparallel branches. p. 86.
- Shehavelov, D. S. - Structure of rated expenditures of developing power plants and systems. p. 92.
- Derkhko, M. V. - Automation of reversible hydroelectric generators. p. 98.
- Shenoyevskii, S. F. - Magnetizing current of a transformer with primary winding having a sliding delta configuration. p. 103.
- Brilukhanov, V. N. - Use of approximation methods in the establishment of norms on electric power. p. 105.
- SVETOTEKHNIKA [LIGHTING ENGINEERING]. Organ of Ministry of elektrotekhnicheskoi promyshlennosti SSSR and Tsentral'noe pravilno Nauchno-issledovatskogo obshchestva inorgolicheskoi promyshlennosti [Ministry of the Electrical Engineering Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 14, no. 4, Apr. 1968.
- Table of contents translated:
- Quasov, N. M. - Some results of the work of the Sixteenth All-Union International Commission on Electric Lighting. p. 1.
- Shklover, D. A. - Luminescence and brightness. p. 3.

- Shakoyev, A. S. - Lighting of work areas in treatment and sorting of wool. p. 10.
- Dar'skiy, N. M., Glebov, B. N., Zakhareva, A. P. - Biological evaluation of the radiation of DNST-type xenon lamps. p. 15.
- Fedorov, V. V. - Fluorescent lamps without mercury. p. 18.
- Druzhinin, A. A., Polkanov, M. F. - Operation of small-sized fluorescent lamps in a starterless compensated circuit. p. 23.
- Shkap, L. T. S. - Problems of lighting engineering as presented in physics textbooks for special secondary schools. p. 26.
- Saratskaya, Z. N. - New types of electrical fixtures. p. 27.
- Electrical fixtures for fluorescent lamps. p. 30.
- Through the pages of foreign magazines. p. 30.

Vol. 14, no. 5, May, 1968.

- Table of contents translated:
- Ishchukko, E. F., Klimov, I. M. - Selection of optical systems for the transformation of laser radiation. p. 1.
- Maiorov, A. B., Petrov, V. M. - Some laws governing harmonious color combinations. p. 7.
- Sorochin, P. I., Sventitskiy, L. I. - Method for evaluating thermal action of optical radiation on plants. p. 12.
- Koshchaytsev, N. F., Semenov, A. A., Kirchevskaya, T. K. - Illumination characteristics of some semiconductor receivers. p. 16.
- Trubchak, V. V., Dolgov, D. S. - Engineering method for calculating unsymmetrical mirror light fixtures with high-pressure mercury lamps. p. 18.
- Krasnopol'skiy, A. E., Sokolov, V. D. - Selection of the inductance of the magnetic circuit of an optimal choke. p. 23.
- Stranzhul'skaya, L. A. - Nomenclature on start-regulating apparatus for fluorescent lamps scheduled for production in 1968. p. 26.
- Through the pages of foreign magazines. p. 30.
- Electric switches for dwellings and public premises. p. 30.

f. INDUSTRIES & TRADES

AKADEMIYA NAUK URSS, Kiev, Institut elektrozvarivaniya. Avtomaticheskaya svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding, Automatic Welding]. Kiev, vol. 21, no. 4, Apr. 1968.

- Table of contents translated:
- Razikov, M. I., Knecheva, G. N., Tolstiy, L. G. - Constitutional diagram of the weld in chromium-manganese steel joints. p. 1.
- Gurevich, S. M., Blashchak, V. E. - Weldability of a thermally stable titanium alloy. p. 6.
- Kulikov, F. K., and others. - Using oxygen-free fluxes in fusion welding of titanium alloys. p. 9.
- Krivoshin, V. E. - Influence of gases on pore formation in welds in argon-arc welding of nickel. p. 13.
- Shvariser, A. I., Zolotarevskiy, D. B. - Thermal conditions for electric slag hard facing of low carbon steel with G13 steel. p. 17.
- Nesimikh, V. S., Milevskiy, I. U. B., Gordannin, A. A. - Using a solid reducing agent for pressure welding without fusion of chromium-nickel austenitic steels and alloys. p. 20.
- Langer, N. A., and others. - Full-scale corrosion testings of aluminum and steel welded joints. p. 23.
- Lebedev, V. K., Sidorenko, M. N. - Resistance of a flexible connector. p. 29.
- Gari, F. F., Novikov, V. I. - Investigating the strength, and developing a method of calculating joints connecting with the grid of an element. p. 31.
- Amel'tsin, A. V., and others. - Use of "Ural-2" electronic computers for calculating fields of stresses and displacements in steam pipe welded joints. p. 36.
- Klykov, N. A. - Influence of reactive stresses on fatigue strength of base metal. p. 40.
- Vorob'ev, V. V., Timoleev, B. T., Savich, L. M. - Adopting open-arc alloy wire welding at the assembly of electric power installations. p. 43.
- Fukel'man, M. L., Pashchenko, V. A., Nikolenko, L. A. - Supplying a welding post with carbon dioxide during wharf operations. p. 46.
- Iudilkin, P. N., Fokin, M. I. - Electric slag welding of very thick products using an elongated tip electrode. p. 49.
- Kashchenko, F. D., Shadrin, G. A. - Increasing the resistance of rotary sand stirrers by hard facing. p. 52.
- Laplan, G. E., Simonov, V. G. - Rerodilting M-21 cast iron crankshafts by wearing-arc hard facing in oxygen. p. 54.
- Kolliakin, N. N. - Evaluating the technological efficiency of the design of framed bodies of diesel locomotives. p. 56.
- Dodin, M. G., Greshkov, A. V. - A peculiarity of welding polycarbonates films. p. 58.

- Guliyev, A. I., Pastenko, A. F., Kuzikov, V. A. - High-frequency welding of internal raising for automobile bodies. p. 60.
- Ermak, M. I., Ratikh, E. E., Polapovskiy, A. G. - Hygienic estimate of the welding in carbon dioxide in ship building. p. 63.
- Karman, A. I. - Classification and certain peculiarities of economically efficient variants of technical solutions in welding. p. 68.
- Shehupak, M. D. - Equipment for melting ends of test specimens for weldability. p. 71.
- Grigorenko, G. M., Koltarovsky, N. B. - Equipment for determining nitrogen in fluoride fluxes. p. 72.
- Skachko, I. U. N., and others. - High frequency welding of helically welded pipe with butt joined edges. p. 73.
- Safonov, A. N. - One-sided automatic "suspended" welding. p. 73.
- Pavlov, V. P. - Export of Soviet welding equipment. p. 74.
- Dikov, D. N., Kharchenko, P. F., Tolba, V. V. - Welding conditions in Bulgaria. p. 76.
- Leinichuk, E. I. - Wear-resistant and buildup welding at the "Kokkerit-Ugre-Provident" Company. p. 78.
- Preparation of high-purity argon in Hungary. p. 79.
- Gelafskiy, I. U. N., Sutsar, V. V. - Second topical conference on problems of the nonferrous metal welded joints. p. 80.

BIIMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi kumitets po lesnoi, tselulozno-bumazhnoi, derevozobrativatsionnoi promyshlennosti i lesnuiu khozaystvu pri Gosplano SSSR and Tsentral'noye pravleniye NTO bumazhnoi i derevozobrativatsionnoi promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, no. 3, Apr. 1968.

- Table of contents translated:
- Perehylo, A. L. - Improving newspaper. p. 1.
- Choice of optimal methods for cleaning industrial sewers. p. 3.
- Stizhileva, V. N., Nepenin, I. U. N. - Chemical changes in woodpulp residue and liquor during the process of broadleaf wood pulping. p. 4.
- Kaganovskiy, A. M., Levchenko, T. M., Kirichenko, V. A. - Purification of industrial sewage containing melamine. p. 7.
- Labodeva, I. A., Kretchetova, S. P., Greshkova, T. P. - Dyes for coloring newspaper. p. 9.
- Konashlov, N. F., and others. - Fuming of black liquor. p. 11.
- Krenta, V. I., Sklupatkov, A. A. - Performance of transistor operational amplifiers in the electric drives of papermaking machines. p. 13.
- Anishevskiy, N. M., Mitkin, V. I., Mar'yanichuk, A. E. - Alchike for testing paper tear. p. 14.
- Mel'nikov, N. L. - Imported papermaking equipment. p. 15.
- Palsol, G. P. - Motors needed for the electric drives of papermaking machines. p. 17.
- Levit, I. D., Masimov, V. I. - Creative research guarantees the success of Slavut paper manufacturers. p. 19.
- Klimov, V. I., Ignatenko, A. S., Vinnik, N. I. - Improving the purification of the mass in the production of condenser paper. p. 21.
- Semenov, V. S., Batimov, V. P., Lipchinskaya, V. A. - Chemical bleaching of kaolin. p. 23.
- Grigorenko, T. A. - Improved quality of wood chips. p. 25.
- Tishchenko, A. F., Elieffson, S. M. - Potential opportunities for the development of the wood pulp and paper industry of the Ukraine. p. 28.
- Pechko, E. I. - Industrial furazones need a single experimental center. p. 27.

KHLEBOPEKARNAYA I KONDIRERSKAYA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi kumitets po pishchevot promyshlennosti pri Gosplano SSSR and Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva pishchevot promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 12, no. 7, July 1968.

- Table of contents translated:
- Bodrukhtin, S. T. - Under conditions of the new economic system. p. 2.
- Andrianova, V. A., Shecherbatenko, V. V., Mikul'skaya, L. R. - Measuring the adhesion strength of wheat dough to tested materials. p. 5.
- Agababian, R. I., Nikoladze, D. I., Gamsakhurdia, R. R. - Experimental planning of plants for baking Georgian bread. p. 7.
- Trubnikov, P. T. - Studying the process of dough mixing in the X-12 machine. p. 9.
- Marshalkin, G. A., Simonenko, V. V. - Firmness of caramel products. p. 11.

- Vannakh, A. E., and others. - Use of baker's yeast for the production of candies with pastilko filling. p. 13.
- Meyrametov, M. M., Mukatlov, M. M. - Cream-baking property of butter made from buffalo milk. p. 15.
- Kuznetsova, L. S. - Treatment of cocoa beans with calcium peroxide. p. 16.
- Lamin, I. N., Marchikhin, I. A. - Dynamics and power calculation of blade mixers for viscous doughlike masses. p. 17.
- Mendel'son, I. N., and others. - Purification of pectin. p. 20.
- Kazarov, N. I., Konfratenko, S. S., Shecherbatova, N. N. - Study of cartomids in macaroon products. p. 23.
- Bellayev, A. I. - Adoption of the scientific organization of labor by an enterprise. p. 25.
- Maidin, I. A., Efros, U. G. - Scientific organization of labor at the Novosibirsk Macaroon Factory. p. 28.
- Golynayeva, M. I. - Scientific organization of labor in the macaroon industry. p. 30.
- Gamsakhurdia, R. R., Varlamova, S. B. - Practice in the adoption of fermentation preparations in the enterprises of "Gruzkhleb." p. 32.
- Indenko, E. I., Ostrova, T. G. - New varieties of farinaceous confectionery products. p. 33.
- Pastukhin, A. I. - Dough-mixing ring with reversible motion. p. 34.
- Sokolov, D. G. - Improvement of the AVI-100-M1's. p. 37.
- Nykhalskiy, G. M. - Determining the filling in finished candies. p. 37.
- Goltsman, I. P., Alekseev, V. P., Sviridov, N. I. - Water-cooling tower with aluminum packing. p. 38.
- Kozlovskiy, V. P. - Improving the maltose and germylase activities in yeast. p. 39.
- Lovacheva, G. N., Iapenskaya, N. P. - Temporary technological conditions for semifinished products manufactured from dough. p. 40.
- Shklovskaya, A. E. - Equipment for continuous processing of cocoa granules. p. 41.
- Zolotarevskiy, I. M., Zaitseva, L. I. - Conference of the workers of laboratories for the study of labor norms. p. 45.
- Poltynskiy, I. F. - 35th anniversary of the Scientific Technical Society of the Food Industry. p. 40.

KOZHEVENNO-OBUVANNAYA PROMYSHLENNOST'

- [LEATHER AND FOOTWEAR INDUSTRY]. Organ of Ministerstva legkoj promyshlennosti SSSR and Tsentral'noye pravleniye NTO legkoj promyshlennosti [Ministry for Light Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 10, no. 3, Mar. 1968.
- Table of contents translated:
- Results of the 5th Congress of the Scientific Technological Society of the Light Industry. p. 1.
- Ermenova, T. V. - Leather, shoe and leather accessories industry of the Latvian S.S.R. p. 6.
- Khumik, E. I. - Basic principles of intraplant business accounting. p. 10.
- Almasov, V. A. - Item specialization in the shoe industry. p. 15.
- Mikulin, I. I., Novokhatskaya, V. K., Iashchenko, S. I. - New standards for horse and cattle hair. p. 19.
- Lukov, V. I., Radhekov, F. M. - New shoe models. p. 21.
- Evgar'ov, V. N. - Characteristics of the electronic machines for measuring the pattern surface of a shoe. p. 22.
- Ieloshin, A. I. - Indices for the evaluation of the quality of leather. p. 24.
- Shakhbazian, U. T., Grigorian, K. A., Ter-Grigorian, I. V. - Latex L-NAK, a new chloroprene copolymer for leather finishing. p. 30.
- Grib, A. I. - Determining the strength of sole fasteners in the toe part of shoes. p. 32.
- Chuknova, L. F., and others. - Impregnation with synthetic latex of fibrous foundations of a varied moisture degree. p. 35.
- Levina, A. I., Nikiforova, A. P., Safrai, B. A. - Use of active, clear neoprene-175 filler for rubbers of a monolithic and porous structure. p. 40.
- Zolotarev, B. K., and others. - Testing of plasticized plasticizers with ethylene 1, 25 and 30. p. 43.
- Kul'veskiy, M. I. A. - Production defects in chrome leathers and their effect on the quality of products. p. 48.
- Balutenko, V. V., and others. - Flexible forms for molding of the sole part of stretched shoes. p. 53.
- Rozen, G. I. A. - Leather industry of African countries. p. 55.
- Izakson, I. N., Kholomskiy, M. A. - Quality of finishes for chrome leathers used for shoe uppers. p. 60.
- Results of the all-Union socialist competition p. 61.
- 60th anniversary of I. P. Strakhov. p. 62.
- M. G. Rusakov; obituary. p. 65.

Vol. 10, no. 4, Apr. 1968.

Table of contents translated:

Morekhodov, G. A. - Internal resources for the increase

- of shoe output. p. 1.
 Naismierko, G. D. - Intraplant business accounting should be improved. p. 8.
 Sechenyev, N. N. - Efficient organization of production as a means to increase labor productivity. p. 12.
 Klopashnikova, R. I. - Use of bank credit for the acceleration of technological progress. p. 15.
 Klebarovskiy, I. A. - Correlation analysis of indices determining the profit level in the fur industry. p. 19.
 Egorchenko, O. V., Lifshits, A. Sh. - Organizing the production of leather accessory goods in the White Russian S.S.R. p. 23.
 Kozlov, D. A. - Adoption of conveyor-lines in the production and its economic significance in the development of the leather accessory industry. p. 26.
 Parshkova, A. I. - Some problems of the creation of working capitals and crediting of associations. p. 29.
 Kovarova, V. R. - New shoe models. p. 34.
 Mikhachenko, A. F. - Comparative evaluation of the electric conductivity of leather materials. p. 34.
 Georgieva, V. S., Abramova, V. V., Kopyl, A. N. - Studying the production of artificial leather for the lining of shoe parts. p. 38.
 Mezhib, B. N., Sorozheva, N. N., Safat, B. A. - Increasing the wear-resistance of rubber for heel taps. p. 40.
 Sutyra, G. A., and others. - Use of blocked dinitenyls for improving the properties of coatings for the finish of artificial leather. p. 42.
 Shashkevich, A. I., Malinskaya, N. I. - Use of X-ray photography for the study of fiber orientation in shoe cardboards. p. 45.
 Khorgashin, E. S., and others. - Fast method for the determination of the migration stability of plastic films. p. 48.
 Larehly, S. K. - Use of high-frequency units in the production of shoes from artificial leathers. p. 50.
 Trakhtenberg, S. T., and others. - Synthesis of protein-acetalate grafted copolymers with elevated fluidity temperature based on inedible protein. p. 53.
 Targits, N. D. - Specialization of shoe industry enterprises is one of the main trends of technological progress. p. 59.
 All-Union public checkup on production development and the improvement of working conditions in enterprises of light industry in honor of the 100th anniversary of V. I. Lenin's birthday. p. 60.
 Alekseev, P. A. - Tested by experience. p. 61.
 Lebedev, V. A. - Full utilization of production wastes. p. 62.

Vol. 9, no. 5, May 1968.

Table of contents translated:

- Petrov, M. M. - New buildings of the five-year plan in the shoe industry. p. 1.
 Fedulov, I. I., Nastrichkina, A. A. - Adoption of an overall scientific organization of labor in production. p. 4.
 Pashchuk, G. I. - Scientific organization of labor in every place of work. p. 9.
 Zverev, A. F. - Development of good working conditions as an inherent part of its scientific organization. p. 12.
 Alekseev, P. A. - Results of work under new conditions. p. 13.
 Kapusta, I. I., Makhlovich, L. I., Navasardyan, G. S. - Productivity and dependability of technological equipment. p. 16.
 Volkov, V. A. - Analysis of the net cost of leather production. p. 19.
 Smirnov, S. I. - Method of determining the output of stiff leathers according to the area they occupy. p. 24.
 Buzlov, G. S. - New shoe models. p. 20.
 Derbarentskiy, M. L., Ljokimovich, R. D. - Chromy tanning with the use of surface-active substances and mastic chromium liquor. p. 27.
 Fedorenko, V. F., Mindral, A. I. - Effect of chemical materials on the hydrophily of chrome leathers. p. 29.
 Shakhmurov, R. T., Grigorian, K. A. - Change in the degree of moisture in free MGh-30 dispersion films under the influence of various factors. p. 32.
 Sharonova, N. F., Shul'man, Z. F. - Use of waste from the production of 2,3-di (chloromethyl) oxacyclobutane in the leather industry. p. 35.
 Lepcheva, T. V., Pisarenko, A. P., Alekseev, V. I. - Effect of the porosity of latex films on their mechanical properties. p. 38.
 Kulakova, E. G., Mikhel'son, I. U., Palladov, S. S. - Effect of different additives on the adhesion of coatings to fabrics manufactured for coat materials and to artificial leathers. p. 40.
 Katsvskiy, M. I. A. - Manufacturing defects in chrome leathers and their effect on the quality of production. Report No. 2. p. 48.
 Babich, I. A., Shapil'skaya, A. I. A. - Formation of leather volume during tanning with zirconium salts. p. 61.
 Gorodinskii, L. L., Lebedeva, Z. A. - From the practice of the Ostashev Leather Factory in dyeing

- of leathers for shoe uppers. p. 54.
 Liberchuk, E. M., Levina, T. M. - Improving used chromium salts by means of polymers. p. 55.
 Makarova, L. V., and others. - Use of emulsions to eliminate adhesion during the preparation of rubber parts. p. 58.

LENINGRAD. LESOTEKHNICHESKAYA AKADEMIA.

- Kaushyie Irudy [ACADEMY OF WOOD TECHNOLOGY. Short]. No. 105, 1968. Use of wood wastes by pyrolytic and extractive treatment methods. Table of contents translated:
 Tsatska, E. M. - Use of the wastes from woodworking combines by means of low temperature distillation in a furnace generator. p. 4.
 Slavyanskii, A. K. - Results of factory unit tests of a transportable power and chemical plant. p. 11.
 Prukhorchuk, T. I., Ljabin, V. A. - Yield of levoglucosan during the gasification of spruce chips. p. 21.
 Novikov, G. I. A., Pilyalov, V. N., Slavyanskii, A. K. - Obtaining polyepoxy resins from the phenols of the pyrolysis of wood. p. 27.
 Pilyalov, V. N., Slavyanskii, A. K. - Study of the rapid pyrolysis of wood for the purpose of increasing the output and improving the content of phenols. p. 31.
 Agrasol, A. L., and others. - Obtaining raw polyisobutylene and separating β -sitosterol from it. p. 71.
 Torgueva, M. V., Pashchuk, M. S., Mednikov, F. A. - Study of the process of hydrogenation of tall oil to obtain special technical lubricants. p. 82.
 Hlebozova, I. A. - Use of aqueous polyglycolyzates extracted from larch to obtain polyhydric alcohol. p. 89.
 Antonovskii, S. D., Zaitseva, A. F., Abramova, A. S. - Study of the adhesive properties of aqueous polyglycolyzates of larch. p. 90.
 Pilyalov, V. N., Slavyanskii, A. K. - Effect of the speed of heating on the output of wood pyrolysis products. p. 90.
 Matveeva, Z. O., Slavyanskii, A. K. - Yield of phenols from soluble resin obtained in the process of wood pyrolysis. p. 98.
 Matveeva, Z. O., Slavyanskii, A. K. - Composition of phenol fractions in the resin products of low temperature pyrolysis of wood. p. 51.
 Ushkova, E. V., Modukov, F. A., Krasovskaya, V. I. - Extraction of spruce twigs in a continuous operation sugar-unit (D-200). p. 60.
 Modukov, F. A., Ushkova, E. V. - Extraction of resinous substances from spruce twigs in a continuous operation sugar-unit (D-200). p. 60.

MEAT INDUSTRY USSR (MEAT INDUSTRY OF THE U.S.S.R.). Organ of Ministerstvo miasnoi i molochnoi promyshlennosti SSSR and Tsentral'noye pravleniye nauchno-tekhnicheskogo obshchestva pishchevyykh promyshlennostey [Ministry for the Meat and Dairy Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Association of the Food Industry]. Moscow, vol. 39, no. 3, Mar. 1968.

Table of contents translated:

- Winners of the all-Union socialist competition in the 4th quarter of 1967. p. 1.
 Bliznits, E. - Wider use of the experience of Saratov workers in improving the quality of products. p. 2.
 Dzholilov, B. - Honored with high titles. p. 4.
 Dolyayev, S. - Practical steps in establishing a repair base. p. 6.
 Lapshin, A., and others. - General mechanization and automation of dispatch work. p. 7.
 Gurylov, V., Kuchkovskiy, E., Prishchko, N. - Meat grinding at low temperatures. p. 9.
 Paramonov, V., Romenskii, V. - New machinery for sausage manufacture. p. 13.
 Orlikanik, N. - Brigade wages. p. 15.
 Lukash, P. - Method for the calculation of meat and fat production. p. 16.
 Kikhimenko, V. - Achievements in the scientific organization of labor. p. 17.
 Chul'kov, Zholtu Kh. - Study of seasonal fluctuations in meat production. p. 18.
 Khranikhin, P. - School of technological progress. p. 21.
 Avotikov, O., Bakunin, G. - New assembly line for deboning and trimming meat. p. 24.
 Bashilov, I. - Machine for cutting lard into strips. p. 25.
 Porozov, V. - Meat detectors in the sausage production. p. 28.
 Gorbalev, A., and others. - Study of the mechanical characteristics of meat by a wire strain gauge. p. 28.
 Gorbalev, V., Faleev, G., Rodin, A. - 18th European Congress of the Workers of the Scientific Research Institute of the Meat Industry. p. 29.
 Sergeeva, N. - Quantitative change in blood, bone marrow, and internal organs of large cattle depending on age. p. 30.
 Ovsyannikova, M. - Awarded participants of the anniversary exhibition. p. 33.
 Shumkov, E., Kuritsyn, M. - Consultations. p. 34.
 Patrik, I., Lazarev, E., Khazin, D. - Improving the transportation and receiving of poultry. p. 36.
 Parsykhonov, B., Shvostov, D. - Yield of dressed meat from "Gislar" sheep. p. 39.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagnodov Sovetskikh Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 34, no. 3, Mar. 1968.

Table of contents translated:
 Winners of socialist competition in the field of achievements of the anniversary year. p. 1.
 Sklenov, R. - Preparing for the new harvest. p. 2.
 More attention should be paid to the service industry. p. 3.

- Balkov, M. - At the progressive Mugilev Flour Combine in White Russia. p. 4.
 Zheltabov, A. - From the experience of the Bolshovo Combined Fodder Plant. p. 6.
 Skobennikov, K., Pipov, S. - Experience in the application of lot accounting of raw materials and mixed feed production at flour mills of the Tatar A.S.S.R. p. 10.
 Kachalov, E. - Increase the speed and improve the quality in the construction of granaries and grain processing plants in the Russian Federation. p. 12.
 Gorozhin, D., Sobolev, B. - Combination in the field of production in the Ukrainian S.S.R. p. 14.
 Aleinikov, V., Zhdko, V., Luk'ashko, A. - Drying of sunflower seeds with a preliminary heating. p. 16.
 Sturudubskaya, A., Gavrichenkov, I. U. - Comparative evaluation methods of determining the moisture of soybean seeds. p. 17.
 Skakobubov, A. - Redistribution of moisture in freshly harvested lupine seeds. p. 18.
 Milonina, T. - Elements of automation at the Tula Flour Combine. p. 20.
 Tarasovskii, M. - Noise damper installation in ventilating systems. p. 24.
 Filippov, A., and others. - Centrifugal casting and electrochemical machining increase the durability of rolls in rolling mills. p. 23.
 Greshin, I. U. - Suction cleaning of dump carts of overhead silo conveyors. p. 25.
 Platonov, P., Ivanov, B. - On the problem of grain promotion in silos. p. 26.
 Zabolotskii, K. - What type of granaries should be built within the province? p. 27.
 Nepominechskaya, I. - Determining the firmness of barley by the method of soaking in sodium alkali. p. 28.
 Kosluk, G. - Pressure losses as a result of pneumatic filling of products. p. 28.
 Baryshev, G. - From the history of the development of separating machinery in Western Europe. p. 3.

OBSCIHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Gosudarstvennyi komitet Sovetskikh Ministrov SSSR po torgovlo [State Committee of the Council of Ministers of the U.S.S.R. for Commerce]. Moscow, vol. 51, no. 9, Sep. 1968.

SLUZHBA DYTA [SERVICE INDUSTRIES]. Issued by Ministerstvo bytovogo obshchestvennogo naseleniya RSFSR and Tekhnologiya moshchikh kommunal'no-bytovykh predpriyatiy [Ministry of Service Industries of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of Service Enterprises]. Moscow, vol. 6, nos. 8-9, Aug.-Sep. 1968.

SVAROCHEK PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Sovetskikh Ministrov SSSR po nauke i tekhnike [State Committee of the Council of Ministers of the U.S.S.R. for Science and Technology] and others. Moscow, no. 6(404), June 1968.

- Table of contents translated:
 Petrov, A. V., Birman, U. I. - Crystallization of weld metal in pulsation-arc welding. p. 1.
 Slavin, G. A., and others. - Influence of the shape of rectified current and the shape of pulse on heat characteristics of pulsation arc. p. 3.
 Bykhovskii, D. G., Koss, V. A. - Some problems related to the functioning of cathodes of an electric arc in chemically active media. p. 6.
 Manoylov, F. D., and others. - Causes of defect formation in induction welding of pipes. p. 8.
 Deskalovskiy, V. A., and others. - Alloying of metal in hard facing under ceramic flux. p. 11.
 Sharapov, I. U. V. - Calculating the fusion zone in electric slag welding. p. 13.
 Safonnikov, A. N. - Electric slag welding of heat resistant austenitic steels alloyed with manganese and nitrogen. p. 16.
 Kopelev, N. S., Pogoril'skaya, M. Z. - Welding extruded pipes from spheroidal cast iron. p. 18.
 Roeshchin, V. V., Gusev, G. N., Frolov, I. U. M. - Gas-arc welding of nonferrous pipe joints. p. 21.
 Spiridonov, A. A., Sukhov, A. K. - Controlling parameters of weaving arc hard facing. p. 22.
 Erokhin, A. A., Stolin, Z. A. - Calculating the dilution of austenitic deposits with base metal in testing electrodes. p. 24.
 Nikonov, N. I., Vavilo, I. V., Meshkova, O. V. - Influence of certain technological factors on the quality of AMG alloy welded joints in the three-

- phase arc welding. p. 25.
- Razdul, V. I., Stalov, V. P. - Mechanical and corrosion properties of welded joints of steel and aluminum alloys with bimetallic inserts. p. 27.
- Lebedev, M. D., Datskov, V. I. - Consumption of flux under different conditions of automatic buildup welding. p. 31.
- Marchenko, A. A., and others. - Defining dimensions of the melting zone of welded joints in fusion welding using sensitizing-increasing materials. p. 32.
- Gorbakov, V. I., Pokrovskii, A. V., Temnik, A. K. - Industrial use of betatron defectoscopes for controlling thick-walled welded equipment. p. 33.
- Snapiro, I. S., Reider, B. D., Perstis, I. M. - Plasma cutting in a nitrogen shield with increased concentration of energy in a muzzle canal. p. 34.
- Kagan, D. F., Zaitsev, K. I., Lokshin, R. F. - Certain problems of strength connected with welded joints in pressure pipelines from thermoplastics. p. 37.
- Kashchuk, M. G., Shevchenko, G. D., Karlenok, I. M. - Powder wire buildup welding of valve seats on diesel block heads using an open arc. p. 39.
- Pastukhov, A. M. - Methods of determining maximum permissible errors for welded joints of pipelines. p. 40.
- Podgavskii, I. A., and others. - Removing the internal and external burr on high-duty drill pipes. p. 41.
- Koltsin, N. B., Ershov, V. A. - Proportioning the consumption of carbon dioxide using inertial washers in welding. p. 42.
- Slekov, O. I., Khranogin, Iu. F. - Portable apparatus box for welding of titanium with consumable and nonconsumable electrode. p. 43.
- Krafi, V. V., Chalkova, V. M. - Nonaluminating iron and cobalt-base filler metals for vacuum brazing. p. 44.
- Peregudin, B. P. - Head for automatic CO₂ welding with carbon electrode. p. 47.
- Gavshin, V. R., Penusikov, V. I. - Power supply of the arc in pulsation welding with nonconsumable electrode. p. 48.
- Ibatullin, B. I. - Dynamic characteristics of the a.c. welding arc. p. 49.
- Veretnik, I. D. - Criteria for the manufacturability of welded structures. p. 51.
- Posekhonov, V. D. - Powder wire welding with dual gas-arc shield. p. 53.
- Kuz'min, G. S., Blitskaya, L. N. - Scientific technical conference and seminar of the welders of the western Ural. p. 59.
- g. MECHANICAL ENGINEERING**
- AKADEMIYA NAUK SSSR, Izvestiya, Energetika i transport [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Power Engineering and Transportation]. Moscow, no. 1, Jan.-Feb. 1968.
- Table of contents translated:
- Gorbov, A. V. - Scientific problems of the development of a diversified transportation system. p. 3.
- Slyrikovich, M. A., Popyrin, L. S. - Effectiveness of the utilization of thermal power equipment designed to operate in new systems and cycles. p. 10.
- Uvarov, V. V., and others. - Effectiveness of the use of gas turbine and composite units in power engineering. p. 21.
- Syrov, Iu. P. - Use of mathematical modeling in the optimization of the development of power systems. p. 31.
- Akhundov, E. B., Petrov, V. V. - Methodology for optimal control of the equipment of state regional electric power plants during the process of secondary regulation. p. 49.
- Ponkov, V. I., Nagi-Zade, A. T. - Bipolar charging of fibers on olefinides, method for detecting it and threshold value of the charge. p. 56.
- Lovillov, V. I., Popkov, V. I. - Methodology for calculational evaluation of the level of power and energy losses in corona on overhead lines with superhigh voltages. p. 66.
- Bogdanova, N. B., Popkov, V. I. - Parameters of a torch discharge in the air at atmospheric pressures. p. 79.
- Kadoniskaya, K. P., Kostenko, M. V., Levinstein, M. L. - Statistical coordination of the characteristics in insulation and protective equipment of power transmission lines with superhigh voltages. p. 86.
- Ryzhov, Iu. P. - Some characteristics of a regulated static source of reactive power operating with electronic commutation of rectifiers. p. 101.
- Ishvaskii, V. S., Skorovarov, V. F., Tsvetkov, A. A. - System for regulation and control of converters using thyristors. p. 112.
- Gamaeva, S. A., Anisovskii, E. I. - Magnetic field of an excited magnetic circuit with rhombic cross section. p. 121.
- Kogan, M. G. - Potential function of the Poincaré vector in metals. p. 127.
- Venkov, G. V. - Similitude of statistically determinate physical systems. p. 136.
- Volechek, B. B., Anisovskii, E. I. - Additional losses in a frame-type magnetohydrodynamic channel. p. 142.
- Saidkhira, V. P. - Selection of a method for studying hysteresis in an autonomous electrical system. p. 148.
- Ibragimov, I. F. - Parabolic approximation of a magnetization curve. p. 151.
- Aleksandrov, B. K., and others. - Academician Valeri Ivanovich Popkov, on his 60th birthday. p. 155.
- Gelfman, A. E., Moiseeva, L. N. - Letter to the editor. p. 159.
- AVTOMETRIYA [AUTOMETRY].** Issued by Sibirskoe cibirskoe Akademiya nauk SSSR Siberian Department of the Academy of Sciences of the U.S.S.R. Novosibirsk, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Gitis, E. I., Kirbus, B. V. - Methods for decreasing systematic errors in voltage-to-code converters. p. 3.
- Kordyga, L. A., Matienko, B. G. - Description and synthesis of the structure of digital measuring devices using finite machine theory. p. 12.
- Dobryvinski, I. R. - Algorithmic description of operation and synthesis of the control circuit of digital voltmeters with direct balance. p. 32.
- Stenbol, I. M. - Methodological error of digital measurement of a random process. p. 37.
- Matoshkin, G. G. - Statistical characteristics of the number of equalizing cycles of automatic digital measuring devices. p. 48.
- Karlovich, V. B. - Average number of steps as a probability characteristic of the speed of digital automatic rectangular-coordinate a.c. compensators. p. 59.
- Dobrovinskii, I. R., Lomtev, E. A., Shitandin, V. M. - Evaluation of errors of digital voltmeters with direct balance. p. 67.
- Popov, Iu. A. - Low-level voltage comparator for an analog-to-digital converter. p. 72.
- Kolomnets, O. M., Proshin, E. M. - Automatic selection of measurement ranges in digital frequency meters. p. 79.
- Pashkovskii, G. Yu., Prilisker, V. I. - Analysis of a hysteresis-free threshold device. p. 85.
- Alekseev, V. A. - Evaluation of interference rejection of analog-to-digital converters. p. 91.
- Kitel'man, I. F., Shtisel', G. M. - Voltage-to-pulse frequency converter with switching of the direction of integration. p. 97.
- Iezersov, G. P., Litvinov, N. V., Samushin, A. V. - Design of an analog-digital current converter using ferrite threshold elements. p. 100.
- Shevchenko, A. M. - Method for digital measurement of low frequencies. p. 103.
- Zakharov, E. D. - Concerning one inaccuracy. p. 106.
- Zemel'man, M. A., Kalugor, A. I., Kulikov, V. A. - Reply to E. D. Zakharov's remark. p. 107.
- Digital devices, analog-to-digital converters and their elements. p. 108.
- AVTONOMNIY TRANSPORT [AUTOMOTIVE TRANSPORTATION].** Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya USSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Kiev, vol. 35, no. 12, Dec. 1967.
- Table of contents translated:
- Nikonorov, N. - Introduction modern and progressive methods into the automobile industry. p. 1.
- A deserved award for an excellent work. p. 3.
- Hoginov, M. - Industrial sections of the All-Union Society of Inventors and Efficiency Promoters. p. 8.
- Oleinik, V. - Esthetics and well organized work of industrial enterprises are inseparable. p. 7.
- Kozhakov, V. - Creative work of volunteer workers. p. 10.
- Oreshkii, A. - Economic reform and the unused potential. p. 11.
- Bash, M. - Improving the system of depreciation allowances. p. 12.
- Lalov, R., Kirillov, B. - Complete servicing of the transportation needs of enterprises and organizations. p. 14.
- The central dispatcher system under new conditions. p. 16.
- Blafnov, M. - Vehicular passenger transportation should have a national system. p. 20.
- Horlov, M., Martazhi, D. - Use of reclaimed lubricants containing additives. p. 23.
- Droz, Iu. - Device for testing spark plugs. p. 27.
- Pankratov, S. - Electric heater for passenger cars. p. 27.
- Kokorev, B. - Low-temperature electric air heaters. p. 28.
- Makukhlo, M. - Device for measuring clearance in connecting rod bearings. p. 39.
- UAZ-451M and UAZ-451DM trucks. p. 31.
- Nepomintshchii, I. A., Dorofeev, Iu., Bachinskaya, V. - Independent brake system of the Ural-375 motor vehicle. p. 34.
- Kamenkov, A., and others. - A brake testing and repair station. p. 55.
- Nitrosheva, N. - Equipment and attachments for overhaul. p. 38.
- Popluch, P., Shamrai, V. - Overhaul of cylinder heads. p. 38.
- Nostrov, A. - Transmission slippage. p. 36.
- Vinokurov, A., Sil'ban, Z., Staritsky, I. - Design characteristics of UAZ-451M and UAZ-451DM trucks. p. 40.
- Plir, A. - The use of tractor trams should be broadened. p. 43.
- Veloshtkin, V. - Improving visual teaching aids. p. 43.
- Khodovskii, V., Zyrinov, Iu. - These problems should be resolved correctly and quickly. p. 48.
- Lizgaro, K. - A device for flaring pipes. p. 45.
- Bogdanov, I., Bessonov, A., Shumovskii, V. - Repair of torque rick. p. 50.
- Krenlov, V. - A stand for aligning axle shaft castings. p. 51.
- First All-Union Conference on Automobile Diagnostics. p. 53.
- Aleksandrov, L. - Underground garage in Czechoslovak refrigerated motor vehicle. p. 58.
- Vol. 46, no. 3, Mar. 1968.
- Table of contents translated:
- Creativeness, initiative of the masses as an important source of unmet possibilities. p. 1.
- Motto of the scientific technical societies is to accelerate the technical progress. p. 5.
- Signalov, S., Blinskii, M. - Achievements of the leading collective. p. 8.
- Shmakov, K., Mikhlinov, I., Ryzhikov, V. - Drivers are retraining. p. 11.
- Kozlov, G. - They are proud of their professions. p. 12.
- Zav'yalov, S. - Increase the level of work efficiency and economy. p. 14.
- Kaplan, T., Shpencel, V. - Some problems of the economic return in motor vehicle transportation. p. 15.
- Lashin, H., Tsvetkov, A. - Regulating the operation of road freight terminals. p. 18.
- Ezhov, A. - Our work experience. p. 20.
- Kash, M. - About the coefficient of pulling motor vehicles in service in workdays. p. 22.
- Andreyevskii, V. - Restarting automobile circuits. p. 23.
- Rubina, V. - Car inspection stations should be introduced. p. 24.
- Goldshel'm, O. - Determining and selecting operation parameters. p. 24.
- Gureev, A., and others. - Gasoline for the northern regions. p. 26.
- Minskii, M., Kirilovskii, V., Englin, I. - Starting of cold engines. p. 29.
- Dorisov, M. - Gauge for mechanical oil change. p. 31.
- Dionin, I., Proisman, V. - Engine repair by assembly. p. 34.
- Belov, B. - Washing and cleaning of parts. p. 35.
- Novikov, E. - Repair of the body of the GAZ-21 water pump. p. 38.
- Chernykhov, G., Suzinov, G. - New 12-cylinder engines of the Vysotskiy Motor Plant. p. 40.
- Sheiz, N., Panfilov, V. - K-69 carburetor. p. 41.
- Improving the design of ZIL-130 motor vehicles. p. 44.
- Tumanov, I. - More attention should be given to training institutions. p. 50.
- Khuzhik-Muravlov, O., Zimkov, V. - We are learning traffic regulations. p. 51.
- Davydov, L., Konek, Iu. - Organizational structure of the traffic safety service in the Ukrainian S.R. p. 52.
- Conference on traffic safety. p. 53.
- Melnicovskii, A. - Attachment to the device for controlling jet inlets. p. 54.
- Iakimov, V. - Device for shearing rivets. p. 54.
- Syuev, N. - Device for boring seals and bushings of crankshaft bearings. p. 55.
- Samokhvalov, A. - Simul for washing ball joints. p. 55.
- First All-Union Meeting of Young Workers of the Soviet Servicing Industry. p. 57.
- MAZ-504 tandem tractor with the OJAZ-705 beam-trailer van. p. 58.
- New classification of unit technical requirements for motor vehicles. p. 59.
- New corrections on the table of records. p. 60.
- Wartburg-Tourist motor vehicle. p. 61.
- Almashev, I., and others. - S. I. Karzhukin. p. 64.
- Vol. 46, no. 4, Apr. 1968.
- Table of contents translated:
- Shupitakov, S. - New system of organizing harvesting and crop transportation. p. 1.
- Chukovitch, V. - Successes of Minsk highway transportation workers. p. 3.
- Achievements of better drivers should be evaluated at all enterprises. p. 4.
- Bilbok, A. - She is proud of her profession. p. 5.
- Umanekii, V. - Scientific labor organization should be adopted on a larger scale. p. 6.
- Bronskikh, L., Shum'yan, A. - Improving the system of depreciation allowances. p. 9.
- Lapelin, I. - Improving the estimates and distribution of overhead expenses in motor vehicle transportation enterprises. p. 12.
- Dulanov, V. - Motor vehicle transportation should be used effectively in harvesting. p. 14.

- Klepikov, P., Tarada, V. - Dumper for panel trucks in the makeup of a harvesting and transportation brigade. p. 18.
- Agibailov, P. - An operational group is in charge of shipments. p. 18.
- Sabiruyev, A. - Advanced method of shipment of grain and silage. p. 19.
- Mesvisliskii, I.A. - Reliability and diagnostics of motor vehicles. p. 20.
- Tamárov, S., Zhubenko, V. - Automation of washing department. p. 22.
- Terlitskii, V., and others. - Wheel alignment and tire wear. p. 24.
- Karin, V., Andreev, N. - Economizing oil products in receiving, storage, and delivery. p. 25.
- Kelnor, B., Skirka, B. - System of automatic control of technical services in motor vehicle transportation enterprises. p. 26.
- Schelslavskii, A. - Grease gun. p. 26.
- Gogolitsyn, M., Vitvinskii, V. - Reliability estimates of motor vehicles after a major overhaul. p. 30.
- Ratin, I.U. - Repair of crankshaft of the IAMZ-236 engine. p. 32.
- Rogachovskii, S. - About the major overhaul. p. 35.
- Atlan, K. - New city buses in Lvov. p. 36.
- Sanderovich, I.A. - Change in the design of ZIL V-shaped engines. p. 38.
- Technical characteristics of domestic passenger cars. p. 40.
- Sokolov, A. - Conference on traffic safety in Praha. p. 46.
- Gan'kin, I.U., Dlubek, K. - Brake systems and traffic safety. p. 47.
- Parvner, S. - Traffic safety lessons should be conducted in a practical way. p. 50.
- Device for determining brake wear. p. 53.
- Zubov, V. - Checking hydraulic and vacuum systems. p. 53.
- Dobychonkii, V. - Stand for testing gear boxes. p. 54.
- Lekhtina, P., Nikonorov, A., Pavlov, K. - New regulations concerning the exploitation of motor vehicle tires. p. 55.
- Sergienkov, I., Poropalkin, F. - Overall transportation and expediting service to customers. p. 58.
- Long-base IFA W50L/Sp truck. p. 62.
- Cilrena Diana economy motor vehicle. p. 63.
- ОУМАСОДЕЛАТЕЛНОЕ МАШИНОСТРОЕНИЕ (PAPER-MAKING MACHINERY MANUFACTURE).** Issued by Nauchno-Issledovatel'skii Institut bimagodelatel'nogo mashinostroyeniia [Scientific Research Institute for the Manufacture of Papermaking Machinery]. Moscow, no. 15, 1967. Design, construction, and technology of the manufacture of papermaking equipment. Table of contents translated:
- Kuznetsov, I.I., Kukor, H.L. - The role of cost accounting in the new system of planning in plants of the paper industry. p. 7.
- Kuznetsov, I.I., Mishin, R.M. - Efficiency of production specialization in the field of the paper-making industry. p. 14.
- Vaf'shchikov, N.M. - Analytical study of the feed process of material in disc chipping machines. p. 10.
- Vaf'shchikov, N.M. - Construction and kinematic parameters of helical chipping machines. p. 27.
- Rozentfild, G.Z. - A3-II and A3-12 chipping machines. p. 36.
- Aslamiyevskii, B.M. - Calculating the plug-shaping section of the worm pressure factor in installations of continuous cooking of pulp and semipulp. p. 41.
- Tsirel'son, G.I. - B-40 papermaking machine for bag manufacture. p. 45.
- D'nekhii, M.V. - B-43 paper machine for the manufacture of wrapping and packing paper. p. 60.
- Kelazev, A.V., Melnikov, A.A. - Calculating foam extinguishers of pressure boxes. p. 64.
- Harczfeld, G.Z. - Installation of a center-fastened press roll as a bottom roll. p. 71.
- Neklyuv, N.E., Tsirel'son, G.I., Busygina, F.M. - Present-day views on the paper dehydration process on the press rolls of papermaking machines. p. 79.
- Kakigita, I.U. K. - Experimental determination of basic parameters in rollerdrum condenser papers. p. 91.
- Grodnichev, N.V., Rainer, S.U., Pekker, E.L. - S4-04 and S4-11 roll-cutting machines. p. 111.
- Katser'fson, G.N., Frishman, V.M. - Kinematics of the synchronizing mechanism of a cutter. p. 120.
- Bobin, N.V. - Technology of the construction of high speed drying copulas of papermaking machines. p. 131.
- Katser'fson, G.N. - Rolling dynamics of longitudinal cutting machines. p. 130.
- Aizberg, S.A., Fridmego, E.I. - Microcorrugation of bag papers. p. 144.
- Golubev, F.N., Novikov, V.A. - Voltage regulatory system of the central thyristorized converter in a multiple motor drive of papermaking machines. p. 151.
- Filimonov, B.A. - Mathematical description of the dehydration process of the pulp mass in the drying section of the papermaking machine. p. 162.
- Lazareva, V.A., Shugol', B.S. - Control of lifting, lowering, tightening, and releasing operations of press rolls. p. 178.
- Shraibman, B.M. - Experimental methods of determining dynamic characteristics of systems of automatic speed control of papermaking machine sections. p. 164.
- Likhter, A.D., Segal, V.I., Starovoltova, G.M. - System of automating the flow of continuous heating of pulp mass for condenser paper. p. 203.
- Abyzova, N.F., Litvinov, M.D., Shapiro, O.M. - Investigating the dynamic and some of the static characteristics of the high-speed drying copula as an object for regulation. p. 206.
- Levinson, A.M., Elimenko, I.U. P. - New method of binding basalt heater fittings. p. 222.
- Elin, V.B., Iavor, L.L. - Semiautomatic welding of stainless steel covers on the head box. p. 226.
- Levinson, A.M., Vilenkii, E.M. - Investigating the wear of cutters in the scrapers of papermaking machines. p. 228.
- ДНУПРОПЕТРОВСЬКИЙ ІНСТИТУТ ЕНЕРГІЇ ТА ТРАНСПОРТУ. ТРУДИ ІНСТИТУТУ ОФ РАЙЛРОД TRANSPORTATION ENGINEERS. Transactions.** No. 59, 1968. Study of transitional modes of traffic and dynamics of the rolling stock; transmission of the seminar on mechanics. Table of contents translated:
- Lazarev, V.A., and others. - Effect of connection characteristics of unidirectional mechanical systems on transitional behavior of traffic. p. 3.
- Lazarev, V.A., Mamshin, L.A. - Effect of force characteristics of friction absorbing devices on the character of impact regimes. p. 9.
- Il'in, M.E., and others. - Experiment in the use of continuous-action computers. p. 16.
- Vanashina, L.M. - Approximate determination of natural vibration frequencies in the frame of a low-axle gondola car. p. 20.
- Vanashina, E.N. - Determination of natural vibration frequencies in the body of a gondola car. p. 36.
- Lazarova, V.A., Korotenko, M.L., Danovich, V.D. - Stability of movement of rolling stock with double spring suspension. p. 45.
- Sivchuk, O.M. - Designing side walls of car trucks by the permutation method taking into consideration the changing hardness of rods. p. 52.
- Lazarova, V.A., and others. - Analyzing the work of R-2P rubber and metal absorbing devices in passenger trains. p. 60.
- Voskobodnik, E.Z., Kabanov, V.A., Sukolov, A.I. - Experimental analysis of the operating conditions of the card-clutch coupling of an electric train. p. 81.
- Vyektorskiy, A.I.A., Suvazlov, A.I., Ushakov, V.F. - Analysis of dynamic properties of a freight car for the transportation of industrial wood shavings. p. 84.
- L'vov, A.A., Korotsev, I.M. - Stress in gondola cars during the transportation of metal products. p. 97.
- Tveritin, A.N. - Presentation in a closed form of Fourier single integrals in a rational generating function. p. 112.
- El'shtinskii, A.M. - Integration of some differential equations of the first and second order. p. 138.
- Konashenko, A.I. - Application of the method of minimizing of the average quadratic deflection when solving stability problems. p. 149.
- Nikol'skii, V.D. - Drawing lines of influence of continuous beams of variable cross sections using the method of distributing angles of revolution. p. 157.
- Nikol'skii, V.D. - Combined method of designing bridge frames of the trestle type with unstiffing lattice points. p. 167.
- No. 60, 1968. Rolling stock operation and repair. Table of contents translated:
- Tvorikhin, V.N., Korkhorov, P.L. - Determining fuel consumption during the test run of a TE400 diesel locomotive. p. 5.
- Tvorikhin, V.N., Korkhorov, P.L. - Determining traction resistance of a TE400 diesel locomotive as a vehicle. p. 10.
- Voskobodnik, E.Z. - Cavitation wear of a cylinder block. p. 14.
- Rumilakov, Z.Z. - Determining the maximum adhesive force in the force of contact between the wheel and the rail. p. 18.
- Studakov, Z.Z. - Study of occurring phenomena and steering stresses in the force of contact between the wheel and the rail. p. 23.
- Voskobodnik, E.Z., Nechnov, E.G., Danovich, V.D. - Experimental determination of frame pressure when insulating the TE3 diesel locomotive into the small radius curves. p. 38.
- Tveritin, V.N., Boyin, A.A. - Increasing the effectiveness of operation of industrial transportation locomotives. p. 44.
- Korotsev, I.M., Dostov, A.S. - Studying the performance of sliding bearing reinforced with metal and ceramic material and babbit. p. 47.
- Kharitonov, A.A., Volodina, V.V. - Kinematic analysis of brake lever transmission of the TSN-103-G truck. p. 55.
- Kharitonov, A.A., Korotsev, I.M., Amosov, I.U. G. - Basic principles in planning brake systems for six-axle gondola cars. p. 63.
- Garkavi, I.A.N. - Problems of dynamics of a hoisting mechanism of the pier-shaped weight car loader. p. 70.
- Fedorov, K.N., Kuriklokh, L.P., Tanatar, N.M. - Study of the effect of the rolling texture on grain growth. p. 76.
- Nikishin, A.A. - Automating universal turning lathes for performing screw-cutting work. p. 82.
- Rokudanov, P.N. - Analyzing cutting operations when machining magnesium cast iron. p. 94.
- Volfvskala, F.S., Abaov, A.S. - Restoration of parts of the mechanical portion of electric locomotives by mechanical surfacing under a ceramic flux. p. 103.
- No. 61, 1968. Research into the theory of vibrations and bridge dynamics. Table of contents translated:
- Bondar', N.G. - Nonlinear vibrations of conservative systems with discontinuity characteristics and air gaps. p. 5.
- Bondar', N.G., Kazakevich, M.I. - Justification of the process of linearization of the phase function in the variable scale method. p. 27.
- Chuvpov, D.P. - Natural vibrations of a system with skip effect in viscous friction. p. 37.
- Chuvpov, D.P. - Natural vibrations of a system with a skip effect in turbulent resistance. p. 43.
- Golzenblazen, R.E. - Correlation between methods of the variable scale and direct linearization. p. 49.
- Kazakevich, M.I. - Periodic excitation of nonlinear systems. p. 55.
- Golzenblazen, R.E. - Some problems of stability and vibrations of cylindrical shells with initial flexure. p. 62.
- Golzenblazen, R.E. - Stability and parametric vibrations of longitudinally corrugated cylindrical shells with initial roughnesses. p. 70.
- Iakovlev, G.N., Sokol, L.S. - Use of an electronic model for the analysis of the interaction between a moving locomotive and an excited span under spatial vibrations. p. 91.
- Iakovlev, G.N., and others. - Use of computers for determining unitary stiffness and stresses in arches under spatial vibrations. p. 101.
- Iakovlev, G.N. - Probability deformation of the disturbing action amplitude under spatial vibrations of arch bridges. p. 115.
- Rutitskii, Z.G. - Determining frequencies and forms of natural vibrations of a three-hinged arch of the Mallart system according to the method of successive approximations. p. 120.
- Rutitskii, Z.G. - Movement of freight over spans of the Mallart type taking into consideration two kinds of vibrations. p. 126.
- Rutitskii, Z.G., and others. - Use of electronic digital computers and of an electronic model for determining dynamic coefficients for the Mallart system spans, taking into consideration two kinds of vibrations. p. 133.
- El'dko, G.N. - Natural vibrations of wire combined bridges. p. 147.
- Zaporozhets, D.K., Tarasenko, V.P., Khokhlov, A.A. - Analysis of the dynamic performance of metal bridges with continuous spans. p. 149.
- Zaporozhets, D.K., Tarasenko, V.P., Khokhlov, A.A. - Dynamic characteristics of metal cantilever bridges. p. 168.
- Bondar', N.G., Tarasenko, V.P. - Horizontal effect of railroad rolling stock on metal bridges. p. 166.
- Nozdrilov, O.R. - Electronic models of trusses. p. 176.
- No. 62, 1967. Study of the interaction between the track and the rolling stock. Table of contents translated:
- Frishman, M.A., Orlovskii, A.N., Mikhlenko, A.M. - Study of forces of interaction between the track and the rolling stock in the zone of turnout switch frogs on reinforced concrete foundations. p. 4.
- Frishman, M.A., and others. - Measuring experiment for the acceleration of track elements. p. 11.
- Vorobochuk, L.I.A., Klimov, V.I. - Modeling non-elastic resistance on electroanalogous models. p. 17.
- Lagvin, A.F. - Solution of problems on the effect of horizontal unevennesses on the interaction forces between the track and the rolling stock. p. 27.
- Klimov, V.I. - Modeling disturbances when solving problems on continuous-action machines. p. 36.
- Lovankov, I.S. - Cause of wavelike wear of rails. p. 39.
- Volosko, I.U.D., Levankov, I.S., Orlovskii, A.N. - Effect on the track of 55, 120, and 160-ton carriers. p. 46.
- Govorukhin, V.V. - Theoretical and experimental investigation of the performance of S-564, S-62, S-64-2 reinforced concrete ties and stressors in tie beds. p. 66.
- Isakov, I.F. - Transverse shifts of rail and the grids on curves. p. 74.
- Frishman, M.A., Rabinovich, G.D., Vorobochuk, L.I.A. - Rail-to-soil potential track circuits with

- reinforced concrete ties and a.c. traction. p. 79.
 Frishman, M. A., and others. - Reinforced concrete ties with glass plastic reinforcements. p. 68.
 Demitrenko, A. D. - Corrosion damage in reinforced concrete ties on electrified railroad sections. p. 64.

KHAIKOV, INSTITUT INZHENIRYI ZALIZNYCHNOGO TRANSPORTA. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, no. 61, 1966. Problems of track and track maintenance. Performance of structures under the action of operational loads.

- Table of contents translated:
 Liaschenko, V. N. - Longitudinal dynamic horizontal forces arising from the interaction of wheels and rails. p. 3.
 Argeleiko, V. I., Maskatenko, G. V., Novakovich, V. I. - Norms and permissible variations in gauge maintenance. p. 34.
 Novakovich, V. I. - Tension in continuous rails during the period of their stabilization after lifting. p. 43.

- Zolkin, G. V. - Effect of mechanical natural vibrations on the wave-shaped wear of rails. p. 46.
 Vasil'ev, V. M. - Contact tensions in rails. p. 57.
 Rozinov, A. V. - Effect of certain factors on the stability of the rail and the grid in a horizontal (at right angles to track) plane. p. 63.
 Semel's, L. V., Iudin, G. I., Semel's, G. L. - Joint performance of main girders and beams in bridge floors. p. 71.
 Filonich, V. S., Ieljakova, N. A., Ovechkin, V. E. - Manufacture and testing at the Belgorod plant of prestressed reinforced concrete beams with wire reinforcement for roofing industrial buildings with 12-24 meter spans. p. 80.

- Semel's, G. L. - Designing longitudinal beams for bridge floors. p. 83.
 Iudin, G. I., Semel's, G. L., Kabanova, V. A. - Planning pedestrian overpasses. p. 103.
 Pivov, F. A., Pizhukov, I. A. - Approximating method of determining the flexures of built-up girder trusses with a triangular grid. p. 114.
 Iudin, G. I., Semel's, G. L., Farenikov, S. S. - Stand for testing structural units. p. 123.
 Tomilin, F. G., Kozlov, A. G. - Electromechanical dynamometer for measuring soil pressure. p. 126.
 Vinogradov, A. I. - Algorithm for determining the least cost of a framed structure. p. 132.

No. 86, 1967. Study for increasing the efficiency of electric traction motors.

- Table of contents translated:
 Shovelov, A. A. - Improving commutation characteristics of a.c. traction motors of electric locomotives. p. 4.
 Shovelov, A. A. - Modeling transient processes of a.c. traction motors of electric locomotives. p. 14.
 Shovelov, A. A. - Losses in steel with a pulsating magnetic field. p. 20.
 Doctov, D. S., and others. - Commutation capability of brushes. p. 27.
 Medvedyuk, O. R. - Study of the commutation of d.c. machines with an asymmetric soldering of brushes on the collector. p. 35.
 Tiskachenko, N. I. - New method for constructing circle diagrams for studying sinusoidal current circuits. p. 43.
 Sidakov, V. V. - Prospects for using Hall generators in the automatic and electromechanic devices of railroad transportation. p. 57.
 Leshchinskii, V. A., Skrypin, I. Z. - Synthesis of a phase-sensitive track transducer. p. 65.

No. 93, 1967. Diesel locomotives and diesel locomotive engines.

- Table of contents translated:
 Vodolazhchenko, V. V., and others. - Analysis of the performance of diesel engines with different gas turbine supercharging systems. p. 3.
 Kuznetsov, T. F., Shcheglov, I. B., Kolosuk, I. K. - Analysis of the performance of a Q50 diesel engine with loop freezing of supercharged air and granulated injection of fuel. p. 9.
 Kurits, A. A., and others. - Application of general methods of the reliability theory to determine the performance quality of a 10D100 diesel engine. p. 16.
 Nikolaevskii, V. P. - Effect of temperature of fuel on the crankshaft on the mechanical loss and the input of a PK-35 compressor. p. 24.
 Smagin, V. K. - Analysis of the performance of hand pass valves of a locomotive compressor. p. 29.
 Tarasov, A. M., Smagin, V. K. - Analysis of power losses in valves and cylinder covers of a PK-35 compressor. p. 37.
 Usachev, E. I., Chornavskii, V. I. - Selection of optimal phases of gas distribution of four-cycle engines with gas turbine pulse supercharging. p. 43.
 Sharolko, P. M., Kuznetsov, E. V. - Experimental analysis of stresses in a turbine wheel of a GTK III hydraulic torque converter. p. 63.
 Simson, A. E., Rusanov, V. I. - Effect of a divided supply of gas to turbosupercharging units on the efficiency of a turbine. p. 57.

Osadchala, E. P., Sereda, V. T. - Analysis of the metric precision of a traction diesel engine regulator. p. 62.

KOLOMNA, VSESOIYUZNYI NAUCHNO-ISSLEDOVATELSKIY TEPLOVOZNYI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH DIESEL LOCOMOTIVE INSTITUTE. Transactions]. No. 23, 1965. Increasing sturdiness and reliability of joint assemblies of diesel locomotives.

- Table of contents translated:
 Grechishchev, E. S., Kovaleva, I. F. - Studies for further improvement of the carrying structure of a TE10 locomotive body. p. 5.
 Aliev, N. I., and others. - Results of tests for sturdiness of the frame of a 2TE101 diesel locomotive truck without axle box guides. p. 14.
 Krylov, V. P., and others. - Creating and improving nonmetallic brakeshoes for locomotives. p. 23.
 Buravink, V. V. - Investigating sturdiness and reliability of a reverse action mechanism of a 750 to 1200 HP modified hydraulic transmission. p. 32.
 Sdobin, K. S., Dukhov, V. V. - Recommendations for the selection of basic parameters of Cardan shafts and diesel locomotives with hydraulic transmissions. p. 37.
 Pankutin, A. N. - Increasing the efficiency of slit connections of diesel locomotive Cardan shafts. p. 48.
 Sdobin, K. S., Chapala, N. P., Vinogradov, I. E. - Investigating the efficiency of needle bearings for Cardan shafts of diesel locomotives. p. 56.
 Paroshechikov, L. A. - Investigating the durability of Cardan shafts of the TGM10 diesel locomotive. p. 62.
 Isomfin, S. A., Danin, B. B., Khontakov, N. D. - Diesel locomotive elastic coupling design. p. 74.
 Tretyakova, M. P. - Investigating the load capacity of Novikov gear drives for traction reducers of diesel locomotives with an electric transmission. p. 83.
 Rodzevich, N. V. - Results of using four-row cylindrical bearings in locomotive axle boxes. p. 100.
 Rogozhnikina, A. K., Barkova, Z. A. - Use of a speedup method during fatigue tests of samples of axles 30-75 mm in diameter. p. 101.
 Zhuk, E. I. - Speedup method fatigue tests of D40 engine crankshafts. p. 110.
 Mishchenko, A. A. - Increasing the reliability of cylindrical bushings in diesel locomotives. p. 117.
 Volter, V. A. - Extending the life of springs by the shot peening method. p. 124.
 Romanov, V. I. - Determining statistical errors when analyzing locomotive performance. p. 130.

MEKHANIZATSIYA I AVTOMATIZATSIYA UPRAVLENIYA [MECHANIZATION AND AUTOMATION OF CONTROL]. Issued by Gosudarstvennyi planovyi komitet Sovetskikh Ministrov USSR [State Planning Committee of the Council of Ministers of the Ukrainian S.S.R.] and others. Kiev, no. 6130, Nov.-Dec. 1967.

- Table of contents translated:
 Lyubov, V. V., Kozik, V. T. - Present status and development of work on algorithmization of production processes. p. 1.
 Kravtchuk, A. V., Korzhenevskii, I. I. - Predicting die precision of long lasting goods. p. 5.
 Kiselev, I. B. - Methods of preliminary analysis of continuous technological processes as units for automatic control. p. 7.
 Dopudnovich, Z. B., Millerian, T. E. - Converting network schedule graphs for computation on electronic computers. p. 9.
 Skripka, A. G., Tranova, M. L., Zaitseva, I. B. - Automatic control of some computations in planning livestock breeding. p. 11.
 Dravitskiy, E. V., and others. - Measuring shaft length after the finishing stand of the structural and merchant mill. p. 14.
 Blizn, I. V., Kuznetsov, V. A., Shupov, V. P. - Device for automatic selection of the direction of movement. p. 17.
 Naumov, S. I., Sekharev, V. P. - Semi-automatic unit for calculating the duration of technological operations. p. 18.
 Lutsenko, I. A. - Mechanized recording of personnel in industrial enterprises. p. 19.
 Vinnitskiy, V. P. - System of cyclic recording and transmission of numerical information from relay-type pickups. p. 23.
 Pavlenko, I. O. S. - Using the comparison method in controlling units of electronic digital computers. p. 25.
 Bekh, A. D., Korsunskii, V. M., Pavlus', B. I. - Unit for checking and controlling magnetic memory elements of thin-film matrices. p. 28.
 Ignatov, V. A. - Evaluating the reliability of computer elements. p. 31.
 Urin, I. L., and others. - Unit for selecting maximum and minimum series of minitors. p. 34.
 Gerdichuk, K. P., Popov, G. E. - Binary counter using potential cells with a reduced number of triggers. p. 36.
 Didenko, K. L., and others. - Digital devices for controlling oxygen blast in a converter. p. 39.
 Rudnyi, N. M., Kirichenko, I. E. - Fluctuation unit for controlling the flow of loose materials. p. 41.

Larechenko, V. I., Vainberger, G. I. A. - High-speed ship-by-ship motor. p. 43.
 Vagner, L. V. - Flux-sensitive magnetic field with a parametric amplifier-modulator. p. 45.

- Khailovskii, V. M. - Linear electric resistance-frequency converter. p. 47.
 Zhuk, L. A., Luchok, A. M. - Multichannel frequency converter of current signals to digital code. p. 49.
 Gizelev, V. A., Tsvigun, A. V. - Design of electronic teletype, receiving and distributing units. p. 51.
 Grudin, M. O., and others. - Dispersed distributed systems with few conductors for information collection systems. p. 54.
 Bubreshov, E. N., Ivashkevich, I. U. K., Rassidarkov, N. N. - Device for preventing a false triggering of teletype receivers in transmitting information by routes with channels working in parallel. p. 56.

MOSCOW, MOSKOVSKIY INSTITUT INZHENIROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 213, 1966. Studies of new designs of reinforced concrete girder spans of bridges and the technology of their construction.

- Table of contents translated:
 Antipov, A. S. - Areas of shrinkage stress in prestressed girder bridge spans. p. 5.
 Klimov, I. M. - Stressed state in girders during preliminary compression and longitudinal crack resistance of concrete in the zone of stressed reinforcement. p. 12.
 Isilevskii, L. I., Antipova, L. A. - Results of experiments by means of multiple repeated loading of test girders with decreased compression flanges. p. 31.
 Ermelev, G. M. - Justification and development of the method of calculating friction losses when tensioning rod reinforcements in concrete in combined insulating shells. p. 65.
 Chirkov, V. P. - Distribution of pressure through the slab and ballast on the slab of the reinforced concrete span. p. 92.
 Isilevskii, L. I., Chirkov, V. P. - Design of joints between slabs and walls by means of rod and dowels. p. 107.
 Dobrikov, D. V., Chisnoi, V. M. - Study of the optimal regime of the thermoplastic curing of large reinforced concrete structural elements. p. 113.
 Andreyev, V. G., Isilevskii, L. I., Chirkov, V. P. - Prestressed and prestressed reinforced concrete spans 42-45 meters long for railroad use. p. 134.
 Parfenov, V. D. - Gluing of dry joints of reinforced concrete spans by injecting them with epoxy glue. p. 151.
 Dogdinar, N. N., Solov'ev, G. P. - Soil anchors for stressed reinforcement of reinforced concrete girder structures. p. 150.
 Nosarov, A. V. - Possibilities of composite spans made from reinforced concrete and wood-impregnated plastic. p. 171.
 Ivanov, A. V., Shirotskiy, V. M. - Displacement of concrete. p. 170.
 Karachuk, V. M. - Possible explanation by means of interatomic electronic changes of the properties of calcium silicates and of the corrosion of building materials. p. 179.
 Parfenov, V. D. - Strength and deformability of epoxy glues used in bridge building. p. 186.

No. 220, 1966. Method of prolonging the life of parts of rolling stock and railroad equipment, and machines.

- Table of contents translated:
 Berlin, V. I., Shengalov, V. M., Zakharov, B. V. - Analyzing the effect of the chemical composition and heat treatment on the structure and mechanical properties of 35GL steel. p. 5.
 Berlin, V. I., Chupakhina, N. A. - Analysis of wear resistance of cast iron in the ribbed pulleys of an E-652 excavator clutch. p. 13.
 Zakharov, B. V., Kornecov, A. A. - Investigating the causes of breakdown of some of the parts of the E-302 excavator. p. 20.
 Kozlichuk, L. I., Zarnobko, E. G., Effer, M. U. - Some technological deficiencies in heat treatment of gears in construction machines. p. 28.
 Kozlichuk, L. I., Effer, M. U. - Breakdown of some construction machine parts due to incorrect concrete machining of surfaces. p. 40.
 Danilov, V. N., Dykov, N. F. - Cooling curves of rail heads during isothermal hardening in a saltwater bath at various temperatures. p. 44.
 Akonova, A. - Weldability of low-carbon cast steel in a thermally strengthened state. p. 46.
 Trachenko, O. G., Kozlichuk, L. I. - Effect of certain corrosive media on the properties of rail steel in sections subjected to thermal action. p. 64.
 Gek, V. I., Rubin, G. V., Dykov, N. F. - Bench for testing hinge joints of diesel locomotive spring suspensions. p. 73.
 Rubin, G. V., and others. - Machining profile rail-able cast iron wheels for narrow gauge freight cars. p. 79.
 Danilov, V. N., Badalov, P. A. - Effect of thermomechanical treatment of chromium-silicon steel on

- mechanical properties, p.95.
L. - Analysis of the hardened layer of metal
the micromechanical method, p.100.
V. N., Stainkov, R. B. - Dynamic loads
on the gears of tractive reducers of locomotives
caused by unevenness in track, p.100.
N. - Profile analysis of the tool for straightening
wheels by plastic deformation, p.123.
Z. N., Kravets, Z. I. - Curve of linked sur-
gear drives converting rotation at the
angle between axes, p.131.
I. U. - Investigating the cyclical durability of
steel, p.144.
- Study and development of cooling systems
engines of diesel locomotives,
of contents translated:
I. T., Treil'nikov, A. P., Reznik, I. A. -
Thermal and economic evaluation of cooling sys-
tems in diesel locomotives, p.4.
L. and others. - Experimental investiga-
tion of components of oil-and-water shell-and-
tube exchangers in diesel locomotives, p.10.
I. T., Treil'nikov, A. P., Reznik, I. A. -
Thermal investigation of heat transmission
dynamic resistance of cooling systems
in diesel locomotives, p.70.
I. T., Reznik, I. A. - Aerodynamic resis-
tance of tubular and lamellar type radiator sur-
faces in diesel locomotives, p.110.
Z. I. - Calculating a convective diffuser of
cooling unit, p.166.
V. N. - Thermoeconomic condition and
efficiency of diesel locomotive engines,
p.186.
V. A. - Study of starting processes of diesel
engines, p.195.
I. A. M. - Calculating transitional pro-
cesses of four-cycle internal combustion engine with
gas turbine supercharging, p.222.
- Investigation of heat exchange and mass
in the processes of obtaining single crystal
semiconductor materials and of heat exchange in
of contents translated:
I. U. P. - Movement of liquid metal near the
crystallization front, p.3.
P. G. A. - Distribution of alloying elements
in a minor boundary layer during the pulling
of single crystals according to the
method, p.11.
I. U. P., Treil'nikov, G. A. - Experimental
investigation of the velocity field of a melt during
pulling of single crystals, p.18.
L. A. - Mathematical formulation and solu-
tion of the problem of heat conductivity in a growing
crystal, p.25.
L. A. and others. - Issue of approximate
solutions of the problem of heat con-
ductivity in a growing crystal for calculating
temperature distribution, p.32.
L. A. and others. - Analysis of the
problem of nonstationary heat
conductivity for a growing single crystal, p.38.
L. A. and others. - Melt temperature
distribution during crystal
pulling according to the Czochralski method.
- O. A. - Longitudinal impurity distribution
in single crystals being grown
by the Czochralski method, p.48.
V. V. - Impurity distribution in crystals
grown from a melt with a constant partial
of alloying elements, p.54.
V. V. - Impurity distribution in crystals
grown from a melt, the composition of
changes with time, p.60.
L. A. - Effect of interphase tensioning on
the rate of crystallization front, p.67.
I. U. P. - Form of the crystallization front
during the growing of single crystals, p.71.
O. E., Zharuvskaya, L. A. - Growing
of single crystals, p.77.
V. T., Sidorov, I. U. P. - Experimental
investigation of heat transfer in a ring-type
luminescent, p.82.
P. K. - Isothermic laminar movement of a
viscous medium in a circular pipe, p.85.
P. K. - Nonisothermic laminar movement
of viscous medium in a circular pipe, p.97.
N. - Isothermic laminar movement of an
incompressible viscous medium in the intake end
of a ring-type channel, p.100.
N. - Nonisothermic laminar movement
of compressible viscous medium in the intake
of a ring-type channel, p.124.
V. T., Sidorov, V. S. - Calculating a com-
bined exchange in the intake end of a pipe.
- I. A., Kumskov, V. T. - Processing ex-
perimental data in breaking down a complex heat
exchange into components by means of blowing
air through the heat exchanger, p.148.
I. A., Utkin, I. P. - Exchange of heat
in a moving radiating medium with a heat absorbing
surface, p.152.
Kumskov, V. T., Pokrovskii, S. M. - Generalization
of experimental data on heat exchange in combus-
tion chambers, p.155.
Kumskov, V. T., Sidorov, V. S., Sidorov, I. U. P. -
Application of the theory of similitude in heat
processes in firing kilns, p.159.
Kumskov, V. T., Goshchenko, V. A., Ral'skii, O. V. -
Temperature field of a cylindrical specimen during
the process of its sintering in a furnace, p.164.
Ivanov, I. T., Pokrovskii, S. M., Krechelov, L. I. -
Methods of determining radiation characteristics
of metallic and ceramic surfaces, p.189.
Krechelov, L. I., Pokhlik, A. I. - Experimental
determination of a convective component of
complex heat exchange in a tube bank surrounded
by a transverse flow using the air blowing method,
p.174.
Makhan'ko, M. G. - Calculating a system of a divided
discharge in turbopiston engines, p.177.
- No. 252, 1968. Development of new bridge structures
and methods of designing them.
Table of contents translated:
Evgarlov, G. K. - Strength calculation for reinforced
concrete beams being bent in special cases,
p.3.
Staroselskii, V. M. - Strength analysis of reinforced
concrete T-beams, p.18.
Ilyukhin, B. V., Nosarev, A. V., Sil'nikskii, I. A. -
Creep of concrete in elements of reinforced con-
crete trusses of a highway bridge, p.32.
Isaevskii, L. I., Chirkov, V. P. - Evaluation of
elastoplastic deformations of concrete under com-
pression, p.39.
Isaevskii, L. I., Antipov, A. S., Kiliukin, V. I. -
Evaluation of crack resistance of prestressed spans
according to ultimate strains, p.62.
Isaevskii, L. I., Antipova, E. A. - Deformability
of concrete in prestressed reinforced concrete
spans, p.62.
Chirkov, V. P., Solov'ev, G. P. - Results of inspec-
tions and tests of spans in operation under the ac-
tion of loads applied eccentrically to the wall axis,
p.71.
Chirkov, V. P., Solov'ev, G. P. - Use of electronic
computers in calculating reinforced concrete
beam spans of railroad bridges for eccentric loads,
p.82.
Nosarev, A. V., Sil'nikskii, I. A. - Flexure standards
for reinforced concrete beam spans in railroad
bridges, p.91.
Nosarev, A. V., Sil'nikskii, I. A. - A type of dynamic
action of the rolling stock on the beam spans of
railroad bridges, p.101.
Ermentov, G. M. - Antifriction properties of insulating
converters for rod reinforcements stressed in
concrete, p.109.
Nosarev, A. V. - Elastic constants of material
elastically reinforced with elements distributed
in parallel planes, p.119.
Borlikov, B. V., Chostnoi, V. M. - Experimental
investigations of elastoplastic properties of con-
crete being strained, p.127.
Nechlaev, I. U. P. - Strength calculation of steel cables
according to the maximum deformation method,
p.130.
Ermentov, G. M., Ivanov, A. V. - Rubber-bonded metals
for bearings of great capacity, p.149.
- No. 261, 1968. Calculation and reliability of electronic
devices.
Table of contents translated:
Taft, V. A., Venikov, G. V. - Some problems of the
reliability of radioelectronic equipment, p.6.
Taft, V. A., Boril'skaja, L. N. - Methods of accelera-
ted reliability tests of elements and their prospec-
tive use under operating conditions of electronic
equipment in railroad transportation, p.10.
Taft, V. A., Vidershain, M. N. - Comparative evalua-
tion of the effectiveness of various methods con-
trolling the quality of functional junction points of
radioelectronic equipment, p.34.
Venikov, G. V. - Methods of increasing the operational
reliability and effectiveness of radioelectronic sys-
tems, p.42.
Galyuker, E. I., Melrik, B. B. - Program for decoding
Reed-Muller codes, p.54.
Boril'skaja, L. N. - Basis for constructing a physical
model of aging of a semiconductor device, p.62.
Boril'skaja, L. N. - Applying the method of the work-
link to accelerated reliability tests of radioelec-
tronic systems, p.79.
Taft, V. A., Krepkala, Z. A. - Applying the logarithm
characteristics method to calculating transient
processes in circuits with periodically changing
parameters, p.91.
Shenkman, E. Z. - Direct conversion of the thermal
energy of exhaust gases from a diesel locomotive
engine into electric power by using semiconductor
thermoconverters, p.100.
Taft, V. A., Vidershain, M. N. - Use of tunnel diodes
in networks for measuring time parameters of
impulse signals, p.113.
- Galyuker, E. I., Treil'nikov, V. A. - Electronic speed
indicator, p.124.
German, L. A. - Determining the area of application
of regulated and nonregulated transverse compen-
sation batteries at a traction substation, p.127.
Taft, V. A., Likhnerman, F. I. A. - Direct conversion of
energy by using fuel elements with the prospect
of their use in railroad transportation, p.140.
- No. 265, 1968. Study of the strength and dynamics of the
electric rolling stock.
Table of contents translated:
Biridkov, I. V., Matveitsev, A. P. - Study of
lateral vibrations and the effect on the track of
electric locomotives with various types of body
and truck connections, p.3.
Burchak, G. P., Povolotskii, F. D. - Study of carriage
vibrations under the action of random excitations,
p.21.
Burchak, G. P., and others. - Determining the natural
vibration frequencies of rolling stock using elec-
tronic digital computers, p.33.
Burchak, G. P., Gershgorin, A. D., Polkin, V. S. -
Strength calculation of truck frames of the electric
rolling stock, p.42.
Benilov, S. B., Sheburov, A. I. - Conversion function
of a ferroelectric ceramic converter under longitu-
dinal impacts, p.64.
Palennyi, A. V. - Train resistance in tunnels and
on open track, p.80.
Savoskin, A. M. - Selecting a method of designing
electric train trucks for strength and dynamics,
p.77.
- No. 267, 1968. Use of semiconductor rectifiers for
electric current conversion.
Table of contents translated:
Zurekhovitch, A. E., Rogovoi, V. I. - Conditions for
the optimal stabilization of the current of a con-
verter in a closed automatic control system,
p.4.
Rogovoi, V. I. - Application of the theory of games
to the problem of stabilizing the current of a
converter in a closed automatic control system,
p.11.
Zisortin, S. N., Kasnikin, G. S., Fedolov, V. V. -
Voltage regulation of switchable converters on
electrified railroad lines with the aid of thyristors,
p.16.
Gavrilov, I. A. - Analysis of the performance of a
pulse converter in a transformer system,
p.20.
Gavrilov, I. A. - Analysis of the performance of a
pulse converter in an overhead contact network,
p.33.
Fockilev, V. P. - Distribution of pulse voltage over
externally connected semiconductor rectifiers,
p.39.
Dorel'ukov, E. G. - System of protection and signaliza-
tion against damage to semiconductor rectifiers in
rectifying units of the electric rolling stock,
p.48.
Dukhshtator, E. I. A. - Rectifier converter of the phase
number, p.54.
Dukhshtator, E. I. A. - Basic equations characterizing
the performance of a rectifier converter of the
phase number in a phase splitting mode, p.62.
Lar'ov, B. B., Skorik, V. K. - Current rating of a
transformer in an autonomous inverter system
fed by an overhead contact network, p.72.
Savin, V. D. - Balancing the voltage system in
terminals of a three-phase consumer, p.78.
Romerov, A., Kosbek, I. - Evaluation of electrical
properties of friction motor brushes, p.87.
Khvoostov, V. S., Chernov, E. T. - Effect of the
insulation thickness between collector plates on
the magnitude of the arc, p.96.
Streil'sov, I. P., Ermolov, I. U. A. - Temperature
error of an asynchronous tachometer generator
with a hollow rotor, p.97.
Dasova, R. K., Savin, V. D. - Simultaneous electric
power supply of single-phase and three-phase
consumers from a synchronous generator of
commensurate power rating, p.104.
Zurekhovitch, A. E., Rogovoi, V. I. - Stability of a
converter in a closed automatic control system,
p.123.
Sergeev, N. G., Gribachev, O. V. - Analysis of the
performance of magnetic amplifiers with a d. c.
output in series with a current source, p.127.
Bopp, G. A. - Optical characteristics of plasma in
the channel of pulse discharge in liquids, p.140.
Bopp, G. A. - On the nature of discharges in liquids,
p.144.
Antukhin, V. M., and others. - Two-cycle semiconduc-
tor power unit, p.148.
- No. 269, 1968. Hidden potentialities for increasing labor
productivity in the railroad transportation industry;
based on data from track and locomotive administra-
tions.
Table of contents translated:
Arakova, N. D. - Productivity of labor and develop-
ment of railroad transportation in the Soviet Union,
p.4.

- Aralovs, N.D., TSartseva, G.A. - More efficient use of electric locomotives is the potential for increasing the effectiveness of the transportation industry. p. 21.
- Ponomarev, P.M. - Certain potentials for increasing labor productivity of locomotive repair workers. p. 38.
- Osipov, V.N., Klerin, O.I. - Certain potentials for increasing the productivity of divisional railroad track workers. p. 60.
- Ufina, V.G. - Certain potentials for increasing labor productivity of track machinery station workers. p. 77.
- Orlov, A.V. - Wages under the new management conditions and railroad workers' labor effectiveness. p. 87.
- Narovskain, M.B. - Raising the cultural and technological levels of railroad workers as a potential growth of labor productivity. p. 103.
- Marionova, Zh.I. - Scientific organization of labor in railroad transportation is the most important factor in labor productivity growth. p. 114.
- Krikov, P.I. - Problems of improving railroad management work. p. 126.
- Girel', Iu.V. - General law of economic concerning raising human needs and its action under socialism. p. 142.
- MOSCOW. VSESOIUNNYI NAUCHNO-ISSLEDovATEL'SKIY INSTITUT ZHELEZNOODOROZHNOGO TRANSPORTA.** Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 340, 1968. Improving electric transmissions of diesel locomotives.
- Table of contents translated:
- Nonukhin, V.P., Nikushin, A.I. - Method of accelerated tests of the insulation of diesel locomotive electrical machines for the term of service. p. 4.
- Serganov, I.G. - System of automatic regulation of the traveling speed of a hump yard diesel locomotive with electric transmission. p. 16.
- Gorbatiuk, V.A. - Analysis of the level of electric strength, method of control, and tests of insulation between turns of the armature winding in diesel locomotive electrical machines. p. 37.
- Gnedzilov, B.V. - Pulverization of the interlamellar electric motive force in diesel locomotive generators with multipass armature windings. p. 53.
- Gnedzilov, B.V., Egorov, A.L.A. - Analysis of the heating up of equalizing connections of diesel locomotive electric traction motors. p. 73.
- Filippov, I.K., Mikhovitch, G.A., Siman'kin, R.A. - Selecting an efficient plan for detecting and stopping the slippage of diesel locomotives with a parallel coupling of electric traction motors. p. 83.
- Platonov, K.V., Koshevol, V.A. - Investigation of operational parameters and characteristics of diesel locomotive lead-acid storage batteries. p. 118.
- MOSCOW. VSESOIUNNYI ZAOCHNYI INSTITUT INZHENIROV ZHELEZNOODOROZHNOGO TRANSPORTA.** Trudy [ALL-UNION CORRESPONDENCE INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions]. No. 28, 1967. Use of electronic digital computers for strength and brake calculations in rolling stock management.
- Table of contents translated:
- Kazarnov, V.M., Kuz'mina, E.I. - Brake calculations using digital computers. p. 5.
- Gul'tudin, A.I., Kirganov, M.M., Petrov, V.A. - Use of electronic digital computers for the analysis of the movement of parts in railroad car roller bearings. p. 15.
- Pokrovskii, V.N. - Use of electronic digital computers for the analysis of operational loading of rolling stock parts. p. 51.
- Petrov, V.A., Molodtsov, K.V., Prokhorenko, I.M. - Maintenance of the temperature schedule during the assembly of roller bearings is the criterion of faultless performance of a journal box assembly. p. 67.
- Polilov, N.I. - Use of electronic digital computers for determining the possibility of employing light alloys and glass plastics for a high-speed 20-meter passenger car shell. p. 71.
- lies in the West European "Common Market."** p. 124.
- MOSCOW. VSESOIUNNYI ZAOCHNYI INSTITUT INZHENIROV ZHELEZNOODOROZHNOGO TRANSPORTA.** Spornik trudov [ALL-UNION CORRESPONDENCE INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Papers]. No. 30, 1968. Problems of raising the performance reliability of rolling stock equipment and automation devices in railroad transportation.
- Table of contents translated:
- Krylov, V.K. - Automation system of recuperative braking of d.c. electric locomotives in a wide range of speeds. p. 1.
- Belov, F.F. - Use of modeling for investigating effects of a.c. electric railroads on the communication lines. p. 21.
- Krylov, V.K., Belov, F.F. - Effect of change of voltage in a power supply system on the performance of d.c. electric locomotives. p. 37.
- Veksel', M.I. - Experimental investigation of the effect of traction loading on the formation of a short circuit current and the performance of the pulse protection of supply lines. p. 40.
- Veksel', M.I. - Method of calculating impulse settings and the parameters of inductive shunts of quick-break d.c. switches. p. 63.
- Smul'tanski, Iu.A. - Effectiveness of using automation and telemechanics in railway transportation in Central Asia. p. 73.
- Stavrov, T.V. - Method of determining residual stresses in 2D100 diesel engine pistons. p. 87.
- Garnichov, O.A. - Investigation of technical and economic effectiveness of using on main lines a.c. locomotive filters designed by the All-Union Scientific Research Planning and Technological Institute of Crane and Traction Electrical Equipment. p. 95.
- Mitkev, G.A., Drablin, L.M. - Use of thermoelectric generators in railroad transportation. p. 103.
- Ljalin, E.M. - Calculation of hydrodynamic transformers. p. 107.
- OMSK. INSTITUT INZHENIROV ZHELEZNOODOROZHNOGO TRANSPORTA.** Nauchnye trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Studies]. No. 60, 1965. Power supply to electric railroads.
- Table of contents translated:
- Iushkov, P.K., Fedorenko, L.T. - Effect of the train traffic schedule of an a.c. electric railroad sector on the load of the power supply system. p. 3.
- Shalimov, M.G. - Behavior of a capacity filter with increased sequence when subjected to nonsymmetrical voltage of distorted form. p. 11.
- Avvakumov, V.O. - Compensation of reactive power in networks with upper harmonics. p. 18.
- Beliaev, I.A., Mikhcev, V.P., Pozdnakov, O.I. - New devices for studying interaction of current receivers with contact suspensions. p. 21.
- Pozdnakov, O.I., Mikhcev, V.P. - Method of designing profiles of programming elements when studying current receivers. p. 36.
- Pozdnakov, O.I., Mikhcev, V.P., Zharkov. - Possibility of using current receivers with varying curve slides. p. 43.
- Mikhcev, V.P., Zharkov, V.T. - Quadratic errors of instruments for measuring wear of contact cables. p. 62.
- Iushkov, P.K., Burtsev, E.A. - Effect of parallel compensation on the reactive power load and smoothing out the nonsymmetry of the feed system currents. p. 61.
- Sapeltchenko, A.M. - Effect of the method of connecting the devices of parallel compensation on the power factor increase. p. 63.
- Sopov, V.I. - Six-pulse series-type mercury rectifier used as a power rectifier. p. 70.
- Barkovskii, B.S., Stolta, A.A., Shalimov, M.G. - Insulation of some rectifiers. p. 85.
- Koznetsov, S.M. - Increasing the reliability of the overhead contact network protection by a high-speed AB-3/4 switch. p. 91.
- Skorospel'skii, A.L., Kostyrov, M.L. - Phase-sensitive a.c. amplifier. p. 97.
- OMSK. INSTITUT INZHENIROV ZHELEZNOODOROZHNOGO TRANSPORTA.** Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 55, 1965. Railroad car designing, operating, and repair.
- Table of contents translated:
- Dychko, A.A., Laikov, A.D., Gusev, G.F. - Theoretical principles of the action of hydraulic vibration dampers on the free vibrations of the jumping motion of a car. p. 3.
- Dychko, A.A., Laikov, A.D. - Effect of the method of suspension of a hydraulic vibration damper on the free vibrations of a car galloping motion. p. 11.
- Dychko, A.A., Laikov, A.D. - Theoretical investigation of the effect of the method of suspending hydraulic vibration dampers on the steadiness of the car vibration process. p. 21.
- Dychko, A.A., Laikov, A.D. - Effect of resistance of hydraulic vibration dampers on the dynamic characteristic of the spring-equipped and springless mass of a car. p. 24.
- Dychko, A.A., Pozdnakov, O.I., Molchanov. - Performance characteristics of an axle box assembly of cars on electrified railroad sectors. p. 32.
- Dychko, A.A., Pozdnakov, O.I., Molchanov. - Ways of raising the operational reliability of axle box assembly. p. 32.
- Dychko, A.A., Ryzhkova, G.L. - Donor and reactions in a solid phase are the basis of friction, wear, and freezing of metals. p. 41.
- Dychko, A.A. - Dependence of the interfriction on the interrelation of the molecular volume of film oxide and the molecular volume of metal. p. 45.
- Dychko, A.A., Dychko, K.A. - Special wear characteristics of low-mobility contacts of public of the absorbing apparatus and the friction damper of a car truck. p. 52.
- Dychko, A.A., Gusev, G.F., Dychko, K.A. - Characteristics of the increasing coefficient of sliding friction and rolling motion at low temperatures and the jamming of rolling stock wheels. p. 60.
- Lukin, V.V. - Study of parameters and effects of eight-axle gondola cars with solid floors. p. 60.
- Lukin, V.V., Lukina, Z.P. - Selection of parameters and structural outline for boxcars. p. 70.
- Pakhomova, V.A., and others. - Selection of a specialization variant for a railroad car repair depot. p. 83.
- Pavlovich, E.S. - Special characteristics of the lubricating cycle in making and utilizing machines. p. 91.
- REFERATIVNYI ZHURNAL: AVTONOMNIY I SKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION.]** by Vsesoiunnyi nauchno-issledovatel'skii institut [All-Union Institute of Scientific and Technical Information] Moscow, Predmoinyi ukazatel' 1967 g.
- REFERATIVNYI ZHURNAL: TEKhnOLOGIA I ODOVANIE TSELILOZNO-BUMAZHNOGO I GRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS: TECHNOLOGY OF PAPER AND GRAPHIC INDUSTRIES.]** (Separate issue 37). By Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, July 1968.
- REFERATIVNYI ZHURNAL: VOPROSY TEKHNIKSKOGO PROGRESSA I ORGANIZATSII PROIZVODSTVA V MASHINOSTROENII [JOURNAL OF ABSTRACTS: PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINE-BUILDING INDUSTRY.]** (Separate issue 35). Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1968.
- ROSTOV-ON-DON. INSTITUT INZHENIROV ZHELEZNOODOROZHNOGO TRANSPORTA.** Trudy TUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions. Moscow, no. 64, 1957. Economic effectiveness of new types of tank cars.
- Table of contents translated:
- Ivanov, I.I., Sergeev, A.N., Pliannov, Iu.V. - Petroleum and gasoline tank car with an er tank. p. 8.
- Sergeev, A.N., Ivanov, N.I. - Design characteristics and economic effectiveness of a six-axle tank car. p. 10.
- Sergeev, A.N., Ivanov, N.I. - Frameless tank for the transportation of petroleum products. p. 11.
- Ivanov, N.I., Sergeev, A.N., Sal'man, B.M. - Increasing economic effectiveness of tank the transportation of sulfuric acid. p. 33.
- Ivanov, N.I., Pliannov, Iu.V. - New design of car for the transportation of strong acidic. p. 48.
- Ivanov, N.I., and others. - Tank car without protection for the transportation of liquid. p. 66.
- Sergeev, A.N., Ivanov, N.I. - Economic effect of milk transporting tank cars. p. 60.
- Khat, E.I., Sergeev, A.N. - Economic effect of a flatcar with a lengthened frame for the transportation of containers and container cars. p. 61.
- Sal'man, B.M., Stupurskii, B.G. - Economic effect of new systems of mechanisms for closing opening hatches in six-axle gondola cars. p. 65.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego srednego spetsial'nogo obrazovaniia.** Izvashchobnykh zavedenii; priobrazovanie [Ministry of Higher and Secondary Specialized Education. of the Institutions of Higher Learning; Instructional Manufacturing]. Moscow, vol. II, no. 1, 1968.
- Table of contents translated:
- Agranovskii, K.Iu., Ksanikina, N.F., Skol't. Contribution to the theory of a device for a coherent radio signal in intense fluctuating. p. 5

- Dzhigapov, R. G., Yakubov, R. A. - Molecular differential without galvanic bond. p. 9.
- Popev, V. S., Azarkin, V. A. - Multirange transistorized channer. p. 12.
- Nasakovskii, A. P. - Sensitivity of a capacitive transducer with flexing liners for measuring displacements. p. 19.
- Del'ving, G. N. - Measuring device converting power to d.c. p. 22.
- Terekhov, V. A. - Realization of two-fold invariance in automatic control systems. p. 24.
- Gerasimov, A. N., Mel'd'ev, V. N. - Use of phase stability sensitivity reserve in the design of automatic control systems. p. 33.
- Gronova, I. S. - Use of the root locus method in the determination of the parameters of self-oscillations of one class of nonlinear systems with one nonlinearity. p. 38.
- Bardachevskii, V. T., Misl'menko, V. A. - Use of automatic computers in studying speed regulatory processes of electric motors with centrifugal inertialess controllers. p. 42.
- Bobikov, A. I., Korshunov, I. M. - Digital smoothing filter for calculating the second derivatives of a useful signal. p. 48.
- Shurin, I. U. S., Gulin, V. N. - Transformations of a group combinatorial code. p. 52.
- Maksh, I. I. - High-speed potentiological elements using tunnel diodes and transistors. p. 57.
- Erstov, V. A., and others. - Linear decoupling filter with a random number of outputs. p. 62.
- Ork, E. A. - Method for improving transformer-type permanent memory devices. p. 64.
- Batki, G. F., Odil'sov, A. A., Pavlovskii, M. A. - Self-oscillations of vertical gyroscopes and directional gyroscopes with correction from a liquid pendulum switch. p. 67.
- Mat'kov, V. I. A., Korolev, A. I., Tarasov, V. K. - Acceleration of the rotor of a gyroscope by an elastic belt. p. 71.
- Kargo, L. I., Iakubovskii, V. A. - Nature of the motion of an astatic gyroscope in rotating gimbal. p. 77.
- Rusinov, M. M. - Analysis of the properties of main conjugated surfaces. p. 82.
- Bragin'skii, V. H., and others. - Expansion of the dynamic range of pendulum measuring units. p. 80.
- Gol'donberg, S. U., Blinnov, S. M. - Arrangement for measuring the absorption spectra of threadlike crystals during X-ray irradiation. p. 90.
- Sobolova, G. A. - Determination of the temperature of a gas using lines with complex structure. p. 100.
- Ordin, A. S., Paukov, E. D. - Aperture characteristics of photocells. p. 105.
- Koch, V. S., Iakunin, A. A. - Device for measuring the speed of heating and cooling of liquid steel. p. 100.
- Korolev, I. I. A., Tikhonko, V. V. - Efficient modeling of temperature fields in the zone of action of a moving heat source. p. 112.
- Dobrovolskii, M. M. - Approximate methods for calculating deformation of the pin connection of a hub and shaft. p. 115.
- Kravitsov, A. N. - Study of the effect of the form of microirregularities of rubbing surfaces on friction forces. p. 121.
- Rogacheva, I. V. - Analysis of inaccuracies in the operation of automatic longitudinal machining units. p. 128.
- STANKI I INSTRUMENT [MACHINE TOOLS AND CUTTING TOOLS].** Organ of Gosudarstvennyi Institut po mashinostroeniiu pri Gosplane SSSR i Tsentrul'noe pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U. S. S. R., and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 39, no. 6, May 1968.
- Table of contents translated:
- Towards new work accomplishments in the third year of the five-year period. p. 1.
- Lestchikov, V. A., Pochlar, I. U. S., Ershov, A. A. - Field jet and pneumatic control as an effective means of machine-tool automation. p. 3.
- Bellin, L. P., Goryodskii, M. S. - Device for digital indication of the working element position of a machine-tool. p. 6.
- Starobinski, I. Sh. - Installation and testing of boring unit-head machine tool. p. 8.
- Vydin, P. G. - Methods for testing experimental machine-tool models. p. 11.
- Bordar, M. P., Davidson, A. M. - Measuring the rigidity of spindle unit in a universal grinder. p. 12.
- Tsolin, E. E. - Buffing machines. p. 13.
- Solomonov, I. U. M. - Stability of linear dimensions in machining stepped shafts on semi-automatic hydraulic copy milling lathes. p. 14.
- Starin, I. U. S., Alybin, V. V. - Cutting-tool running speed in machining chip slots in broaches on programmed-control lathes. p. 15.
- Kalinin, E. P., Iakimov, A. V. - Dynamics of gear grinding with an abrasive worm disk. p. 17.
- Geodakian, S. O. - Precision turning of brass and duralumin with synthetic corundum cutting tools. p. 19.
- Lashov, S. I. - Determining gear parameters in grinding jobs for cutting gear wheels. p. 20.
- Kirillin, B. N. - Vibrational drilling with gun drill tips. p. 22.
- Sidorov, A. T., Sidorov, V. N. - Determining optimum coupling dimensions for cutting edges of thread cutters. p. 24.
- Bakunov, E. D., and others. - Geometry of three-axis monolithic hard-alloy milling cutters in machining a heat-resistant alloy. p. 25.
- Clornyi, A. P. - Surface roughness in diamond threading of hard-alloy tool. p. 26.
- Polevskii, V. I. - Wear of diamond and abrasive disks. p. 28.
- Prokhorov, V. M. - New design for driver chuck jaws. p. 30.
- Gonchar, I. U. N., Molodtsov, N. S. - Device for rapid draw-back of cutting tool. p. 30.
- Timofeev, P. V. - Evaluating the efficiency of lubricating coolants by quality of machined surface. p. 31.
- Salanovskii, R. L. - Drawing up production plans for tool shops. p. 32.
- Avdolov, A. N., Tabenkin, A. N. - New foreign instruments for checking smoothness and rectilinearly. p. 33.
- Dugaev, N. A., Chokov, I. M. - A machine for grinding and polishing steel strips, coils and sheets. p. 36.
- Dulanov, B. A., Neumoin, A. F. - Device for aligning abrasive disks at an angle. p. 37.
- Zakharova, G. G. - Mechanism for lengthening the stroke of a lathe spindle. p. 38.
- Sotayev, V. E., Lapina, P. V. - Roller type cooler with a wide control range. p. 38.
- New machine-tools. p. 39.
- STROTEL'NYE I DOROZHNYE MASHINY [CONSTRUCTION AND ROAD MACHINERY].** Organ of Ministerstva stroitel'stvo, dorozhnego i kommunalnogo mashinostroeniia SSSR [Ministry of the Manufacture of Construction, Road, and Communal Machinery of the U. S. S. R.]. Moscow, vol. 11, no. 4, Apr. 1968.
- Table of contents translated:
- Novoselov, E. S. - Resolutions of the 23d Congress of the CPSU and tasks of the construction, road building and municipal construction machinery industry. p. 1.
- Orlovskii, E. D. - Pneumatic unloading unit for cement with a 20 t capacity. p. 3.
- Abramovich, I. I. - Peculiarities of design and construction of moving parts in a gantry crane. p. 5.
- Volkova, A. E. - Devices for safe operation of tower cranes. p. 7.
- Borisov, S. M. - Self-propelled jib cranes of the German Federal Republic. p. 8.
- Nomenclature of cranes and lifts produced in series. p. 13.
- Nomenclature of hoists produced in series by the plants of the construction and road machinery industry. p. 14.
- Sukhorban, I. E. - Modernization of the turning gear in the EKO-4.6 excavator. p. 15.
- NTK-1 mounted trench digger. p. 16.
- Alipov, G. I. - Effect of soil pressure on the wear of teeth in excavator shovels. p. 16.
- Abezgaev, V. D., Laphin, I. A. - Determining cutting forces acting on the working components of earth-moving equipment. p. 17.
- Pomerantsev, A. V. - Preliminary weight determination of a rotor excavator. p. 19.
- Sintitskii, I. R. - New machine tool for cold upsetting of ends in high-strength wire. p. 21.
- Iurkin, V. S. - Machine for continuous winding of reinforced steel stirrups. p. 23.
- Komissar'chik, N. A. - Determining principal parameters of electric equipment units for electrothermal strengthening and tensioning of reinforcing rods. p. 23.
- Volchok, V. I., Bogaleit, A. I. - Designs of safety devices for jaw crushers. p. 25.
- Bukreev, E. M., Zuev, G. I. A. - PD-10 sand spreader. p. 28.
- Khanikh, P. M., Rozental, A. I. A., Matvienko, A. V. - Organization of the quality control services at the "Krasnyi Ekskavator" Plant. p. 30.
- Chudakov, K. P., Terkol, A. L. - Stands for running-in and durability control of machines. p. 32.
- Soldatovskov, I. A., Barash, N. I., Maze, M. A. - Plastics in the construction and road machinery industry. p. 34.
- Suvrov, B. M. - Mechanization of managerial and engineering operations. p. 36.
- Vol. 13, no. 1, Jan. 1968.
- Table of contents translated:
- Construction, road building and communal machinery industry in 1968. p. 1.
- Dubnina, I. N., Kozin, G. Z., Krivoruchko, I. R. - D-608 bulldozer. p. 3.
- Solov'ov, I. U. P., Arons, I. A. A. - C-927 self-dumping conveyor truck. p. 4.
- Garber, M. R., and others. - D-692 heating and pumping unit for bitumen reservoirs. p. 5.
- Cherchinskii, I. U. - D-642A modernized bitumen tank truck. p. 7.
- Ivanov, P. I., Ialovets, I. A. - Mobile unit for preparation of bitumen - mineral mixes. p. 7.
- Iarkin, A. A. - A bulldozer with a blasting unit. p. 9.
- Lobov, A. G., Fedidov, N. F., Belokonov, A. A. - Rigidity of obstacles and their effect on dynamic loads of working elements. p. 10.
- Gavrilov, N. I., Igoshin, I. U. N. - E-6518 excavator. p. 14.
- Kulsh, V. A. - Peculiarities of dynamic calculation of the straight shovel of the EG-400 excavator. p. 16.
- Dumbrovskii, N. G., Usatkin, N. D. - Effect of speed on soil resistance to cutting. p. 18.
- Matyshev, V. I. - SM-488B rubberoid unit. p. 19.
- Pisomarov, V. P., Solov'ev, N. A. - Conveyor lines for manufacturing insulated wall panels, inside walls and roofing. p. 21.
- Komissar'chik, N. A., Ribov, L. I. - Increasing the reliability of vibrator operations on forms at large-panel house building plants. p. 22.
- Eliseev, V. V. - New Internal IV-32 and IV-33 vibrators. p. 24.
- Luk'yanov, V. A., P'in, I. U. A. - IV-65 and IV-58 external vibrators. p. 25.
- Nikishin, N. I., Kirushkin, N. M. - Manual rammer for parking loose soils. p. 26.
- Nomenclature of electric instruments, vibrators and auxiliary equipment manufactured by the plants of the Ministry of Construction, Road Building and Communal Machinery Industry. p. 28.
- Mikhar'skii, K. I. - Overall mechanization of production at the Balashikha Mobile Crane Plant. p. 31.
- Pilshin, B. N., Bazin, V. V. - Adoption of mechanized cutting tools at the plants of the branch. p. 33.
- Lebozov, A. A. - Boring of coals of a tower crane on a unit-head machine. p. 34.
- Kogan, Vol'man, G. I., Volovats, I. A. G. - Thermal treatment of flexible shafts. p. 35.
- Awards at the Exhibition of Achievements of the Soviet National Economy to the participants of the exhibition of construction and road machinery. p. 37.
- Vol. 13, no. 2, Feb. 1968.
- Table of contents translated:
- The 1967 production quota was filled ahead of time. p. 1.
- Rovinskii, M. I., Orlov, B. M. - Basic trends in the construction of machinery and equipment for working frozen soils. p. 4.
- Gulikov, V. I., Shulvalov, I. S. - Special features of excavators used in northern regions. p. 6.
- Rumyantsev, V. A., Figlin, I. Z. - Experience in the construction of machinery and equipment for working frozen soils. p. 7.
- Gorlin, O. S., Grigor'ev, V. G. - Experience of constructing excavators for the Far North. p. 8.
- Arendt, G. A., Sukolov, G. I. - Rotary trench diggers for the North. p. 11.
- Zaitsev, E. F., Ivanov, A. N. - New types of snow plows for the conditions of the Far North. p. 12.
- Vinsberg, I. S. - Operation of automatic graders in northern regions. p. 13.
- Dagirov, D. D., Khel'tsa, M. I. - Increasing the operating efficiency of engines at low temperatures. p. 15.
- Sukhinin, V. I., Nazarenko, A. P. - Increasing the life span of steel cables. p. 17.
- Kuz'min, G. V., Glotova, O. V. - Efficiency of steel cables on standard-production and lined pulleys. p. 18.
- Nefedeev, I. A., and others. - Working frozen soils with excavators equipped with direct-action buckets. p. 18.
- Makushkin, D. O., Zalka, A. I. - Machines for drilling boreholes in frozen soil. p. 20.
- Varianov, S. Kh. - Drilling cranes for use in northern regions. p. 22.
- Gol'dov, I. P., Motornenko, A. P. - Thermal and thermomechanical drilling in frozen soils. p. 24.
- Kurhin, V. F., Utkin, V. I. - MNS-2 percussion machine for working frozen and rocky soils. p. 26.
- Vysotskii, D. P., Targulian, I. U. O. - Pile drivers and instrument for drilling shaft wells in frozen soils. p. 27.
- Balandin, V. P., and others. - New method of working frozen soils. p. 30.
- Zelenin, A. N. - Methodology of determining the power capacity and machine efficiency in the breaking-up of frozen soils by impact loads under any breaking-up conditions. p. 30.
- Rovinskii, M. I., Teluskin, V. D. - Effect of core compactness on the character of disintegration of frozen soils in layer-by-layer scarifying. p. 33.
- Zapushkalov, V. A., Lozovoi, D. A. - Dynamic cutting of frozen soils with a wheel-type working element. p. 35.
- Konash, V. E. - Effect of gas pressure on the efficiency of pile driving. p. 37.
- Departmental standard and recommendations for the design and construction of machinery and equipment for use in northern regions. p. 30.
- Iakhno, P. K. - Experience in working frozen soils at the construction of the Irtysh Karaganda canal. p. 40.

and compaction machines produced in series by the enterprises of the Ministry of Road Machinery Construction. p. 11.
 Rumyantsev, V. A., Figlin, I. Z., Podzigan, P. A. - ETU-354A modernized excavator. p. 13.
 Vashchuk, I. M. - Power consumption in driving a wedge. p. 14.
 Sirota, I. F., Mal'tsev, V. F. - Free run and wear of a free-wheeling mechanism in a hydraulic torque converter. p. 16.
 Kardya, S. V. - Some operating indices of hydraulic cylinders of the E-1514 excavator. p. 17.
 New ditch digging machines in the U.S.A. p. 18.
 Fevlyanov, N. F., Beliaev, L. V., Sobol', V. F. - Cyclonic separator. p. 19.

Pankratov, S. A., Ryzhikov, R. K., Shchedov, V. P. - Effect of granulometric composition on the efficiency of primary conical crushers. p. 20.
 Kuratenko, V. F., Zhilinskii, A. M. - Operations of the platform vibrators with horizontally directed vibrations. p. 22.
 Krakivskii, L. M. - Single-shaft platform vibrators for compacting concrete products. p. 22.
 Tatarov, E. N., Kemarskii, B. A. - Stand for testing the D-357M scrapers. p. 25.
 Demetrasvili, G. V. - Advanced control devices in manufacturing KB-100.1 tubular tower cranes. p. 25.
 Ivanov, O. N., Kuznetsov, V. N. - Organization of flow production of parts. p. 27.
 Ryskakh, S. E., Bultinskaya, G. P. - Effect of shaft parameters on the reliability and lifespan of contact rubber seals. p. 27.
 Lorchikov, G. G. - Welding of iron castings. p. 29.
 Korolev, N. A., and others. - Automatic wear-resistant buildup by welding of yokes in the ETU-354 excavator. p. 30.
 Solov'ev, V. E., Vagin, V. A. - Mechanization of tank welding. p. 31.
 Vagin, V. A., Starikov, A. A. - Electric heating of wire rods for coiling. p. 32.
 Epshtein, M. A. - Introduction of drawing blanks in designing organizations. p. 33.
 International Exhibition "Interbytmasht-88." p. 33.
 New inventions. p. 34.
 New standards. p. 35.

TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol. 15, no. 3, Mar. 1988.

Table of contents translated:
 Kazarinov, S. I., and others. - Starting of a 300 Mw. block from various thermal states. p. 2.
 In'tev, W. I., Chokaloysa, L. N. - Study of the automatic control system of the load of a 200 Mw. block with disturbance by a fixed load value. p. 6.
 Budnitskii, D. M., and others. - Expediency of using large turbine units with intermediate steam superheating in centralized heat supply and thermal electric power plants. p. 11.
 Petrov, V. A. - Clogging of air heater pipes of the airflow side. p. 16.
 Anisaban-Irmanto, I. U. V., Libenakii, A. P. - Pre-assembly chemical cleaning and treatment of boiler equipment. p. 18.
 Novitskii, M. V., Martynova, M. L., Lialin, V. P. - Physicochemical characteristics of the coal of the Tum'-Usinsk deposit of the Kuznetsk Basin. p. 21.
 Sirola, A. M., Shrago, Z. Kh. - Maximum C_p heat capacity of water. p. 24.
 Tyntarev, E. M. - Calculation of exposure and angle coefficients using electronic digital computers. p. 29.
 Kostak, I. U. F., and others. - Establishment of drainage systems of large turbine systems with supercritical parameters. p. 32.
 Vediaev, V. A., Vnlkov, E. P. - Optimization of the principal parameters of two-stage recuperative heat exchangers. p. 36.
 Filippov, G. A., Stekol'sheikov, E. V., Anisimova, M. P. - Adiabatic curve characteristics of two-phase flows. p. 41.
 Tkachenko, S. L., To'blevich, N. U., Sagan', I. I. - Some laws governing the relative motion of a two-phase flow in round pipes. p. 46.

p. 49.
 Stokinov, N. M. - Effect of the angle of dip of a closed-loop thermospheres on the heat transfer. p. 74.
 Romadov, V. P., and others. - Recommendations on the design of swirl nozzles in turbulent burners operating on pulverized coal. p. 77.
 Shwarts, A. L., Lokshin, V. A., Dupleva, S. G. - Calculation of friction forces and leveling pressure in the zone of great heat capacity. p. 81.
 Grahmed, V. A., Skovskaya, E. G. - Experience in the design and operation of block units with sliding initial steam pressure in the United States and the German Federal Republic. p. 88.
 Aleksandrovich, I. U. B. - Scientific and technical conference on the exchange of experience in the design of thermal networks. p. 91.

Vol. 15, no. 5, May 1988.

Table of contents translated:
 P'chenko, O. T. - Study of the thermal state of the rotors of steam turbines in transient modes of operation. p. 2.
 Trufilov, M. A., Babakov, S. A. - Change in the radial gaps of the high-pressure cylinders of the PT-50-130 turbine during its operation. p. 6.
 Shilla, I. U. P., and others. - Experimental study of causes of the deformation of the yoke of the low-pressure cylinder of a steam turbine. p. 11.
 Taranov, D. P. - Possible errors in the calculation of steam turbine stages for operation under mode changes. p. 18.
 Stepanchuk, V. F., Salanov, G. A. - Straight jumps in packings in the wet steam zone. p. 22.
 Oshinnikov, G. G., Fridrikh, A. M. - Determination of elliptical modes of the compressors of gas turbine systems during the start operation. p. 27.
 Kirillov, I. L., and others. - Operation of steam-gas systems with gas discharge into boilers at partial loads. p. 32.
 Ivanov, A. G. - Methodology for evaluating the flow-through part of vortex burners. p. 35.
 Kuznetsov, A. P., Orenbakh, M. S. - Volatile substances of coals, cokes, and residues of their combustion. p. 40.
 Pavlov, F. A. - Comparative analysis and study of a control system with nonlinear pulsed correcting linkage. p. 42.
 Kharbulin, I. Kh. - Hydration of sodium chloride in aqueous and vapor solutions at high temperatures. p. 46.
 Gulinov, V. N., Tsybina, I. N. - Study of the properties of Mn-Cr-Mo-V in austenitic steel. p. 49.
 Kuznetsov, E. I. - Change in the properties of E1-750 steel in cold deformed state. p. 53.
 Shishina, M. E. - Temperature conditions in pipes during supercritical pressures. p. 57.
 Skolova, I. N., and others. - Experimental hull-type reactor and some results of its start. p. 62.
 Lapshov, V. M., Korolev, G. A., Goltsova, V. P. - Effect of the material of the blades of a high-temperature turbine on the efficiency of the gas-vapor system. p. 68.
 Karliner, V. M., Frumkin, V. B. - Dynamic tests of the control system of a steam turbine. p. 71.
 Fridman, M. O., Korotchev, A. N. - Effect of the dynamics of the growth of thermal loads on the efficiency of the R-100-130/16 turbine. p. 75.
 Monkov, A. I. - Study of the dynamics of an automatic control system regulating the temperature of steam. p. 78.
 Grebov, V. K. - Effect of the radial gap on the operation of turbine stages. p. 81.
 Isachenko, V. P., Salomzoda, F. - Intensity and conditions of heat exchange during the condensation of water vapor in a vertical pipe. p. 84.
 Kamenskii, S. K. - Types, methods for regulation, and parameters of feed pumps of power generating blocks in the U.S.A. p. 88.
 Gorbunenko, A. D. - Magnetic gas analyzer MKM-67. p. 92.
 Vitalii Petrovich Romadin, on his 70th birthday. p. 95.

Rozental', I. U. G., Litvinov, A. I. - Experimental determination of stresses of local flexure in the trough beams. p. 10.

Bobrovnikov, G. N., Ivanushkin, A. M., Kanyasov, I. A. - Friction in liquid-filled antifriction bearings. p. 18.
 Mirovskii, A. A., Stolbin, G. B. - Stresses in driving chains induced by technological factors. p. 21.
 Nizetelov, I. U. V. - Improving the efficiency of oil refining systems in industrial combustion engines. p. 23.
 Shapiro, A. S., Nekhtinov, I. V. - Calculation of hydraulic braking at the wheel entrance of an impeller of a centrifugal pump. p. 25.
 Kurzol', I. A. - Calculating the acceleration of a system with a torque converter. p. 27.
 Myshlovskii, L. M. - Simplified calculation of the force at the pump inlet. p. 29.
 Galushkin, A. A., Nikitin, G. A., Golovko, N. S. - On contamination of hydraulic systems. p. 32.
 Altmanov, O. M., Velrov, V. I., Kuznetsov, A. A. - Mechanical properties of steel sheets. p. 37.
 Ivanov, V. A., Vafin, R. K., Stukin, V. I. - A system for the construction of numerical models for determining inertia moments for bodies with deformation and rigidity of shafts. p. 39.
 Zaidman, E. S. - Approximate determination of natural frequencies of a torsional system with a periodic shock absorber. p. 37.
 Truten', V. A. - New instruments for measuring and controlling dimensions and shape of parts in heavy machinery construction. p. 39.
 Ankinazi, B. M., Shilenkov, V. P. - Hardening of gear wheels by electrochemical treatment. p. 42.
 Zubin, N. P. - Improving the reliability and durability of gear wheels used in traction transmission of locomotives by strain hardening. p. 44.
 Parashuk, P. E. - Methods for improving the reliability and durability of G13L steel parts. p. 47.
 Solomentsov, I. U. M. - Effect of temperature deformation of type 1722 hydraulic amplifying elements in the machines in the precision machining of parts. p. 49.
 Kogol, A. P. - Defects in standardizing the parts in machining of parts. p. 51.
 Varfolomeev, D. I. - Effect of errors in setting blanks on the precision of hole turning in a range of swinging fastening of roammers. p. 62.
 Popov, M. E. - Estimating the precision in the weight of blanks and finished machine parts. p. 54.
 Fonin, A. V., Finkov, V. A. - Automation of assembly of threaded joints. p. 57.
 Mikhlinenko, F. P., Durnachin, M. M. - Effect of a high-speed performance of a press on the wear of cutting edges during punching of spring steel. p. 60.
 Syromiatnikova, E. N. - Use of precision cast blanks in machine-tool construction. p. 62.
 Khudolin, I. B., Polianskov, I. U. V. - Efficiency of jet pressure on zone cooling during grinding by location. p. 63.
 Dobrik, P. I. - Residual stresses formed in surface layers of N13Kh molybdenum steel during turning. p. 65.
 Golt'dol'd, M. Kh. - Axial cutting force during thread cutting with a tap. p. 67.
 Levin, A. P. - Concentration of production and determination of optimal size of enterprises in machinery construction; exemplified by unit and small-lot production. p. 70.
 Ikin, A. L. - Optimum scale of production in machinery construction. p. 72.
 Porshil, I. U. K. - Present state and prospects of specialization in the production of electric equipment. p. 74.
 Vorzunov, K. A. - Mechanization in documentation and payroll preparation by means of dual cards. p. 76.
 Smirnov, S. V. - Studying time norms. p. 79.
 Sokolovskii, A. F. - Improvements in branchwise planning and managing of industrial enterprises. p. 81.

- Stel', E. A. - Intercollegiate conference on scientific principles of high-efficiency technological processes in the machine and cutting-tool industry. p. 8.
- Kozlov, V. A. - Machine tools for electrophysical and electrochemical treatment at the Exhibition of Achievements of the National Economy of the U.S.S.R. p. 82.
- Etzel, I. V. - Inventions in the field of machinery construction. p. 83.
- At the Ministry of Machine Tool and Cutting Tool Industry of the U.S.S.R. p. 84.
- Meeting of party economic activists of the Ministry of Machine Tool and Cutting Tool Industry. p. 85.
- ВОДОМОТОРОВА, ВОДНЫЙ РЕЖИМ И ХИМИКО-ТЕПЛОТА ПАРОВОЙ КОГЕНЕРАЦИИ (WATER PREPARATION, WATER REGIME, AND CHEMICAL CONTROL IN STEAM POWER PLANTS). Issued by Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva energeticheskoy promyshlennosti [Central Administration of the Scientific-Technological Society of the Power Industry]. Moscow, no. 2, 1968.
- Table of contents translated:
- Shkrob, M. S., Zenkevich, I. V. - Water requirements in steam power units. p. 5.
- Zenkevich, I. V. - Methods of thermochemical testing of power units. p. 22.
- Akshat, P. A. - Corrosion of condenser pipes in steam turbines and measures to prevent it. p. 20.
- Mamot, A. P. - Corrosion of power equipment in thermoelectric power stations abroad. p. 36.
- Gvozdev, V. F. - Protection of water treating equipment against corrosion. p. 45.
- Mamot, A. P. - Chemical cleaning of power units. p. 50.
- Margulova, T. Kh. - Use of complexes for operational chemical cleaning of thermoelectric power equipment. p. 57.
- Gleim, V. G., Shidlovskiy, B. R. - Physicochemical principles of boiling and bubbling. p. 62.
- Rakitskiy, M. D. - Chemical methods for the control of frothing of boiler water. p. 70.
- Chernov, V. S. - Designing water treatment plants for large thermoelectric power stations. p. 76.
- Shkrob, M. S. - Purification of condensate and additional feed water in power plants abroad. p. 80.
- Khavits, O. V. - Managing water treatment plants for low pressure boiler houses. p. 111.
- Lapizhskiy, N. P. - Magnetic water processing and prospects for its application in thermoelectric power stations. p. 117.
- Mikheev, I. Z. - Softening of sea water for use in evaporators and steam boilers. p. 124.
- Oliver, I. I., Porukov, V. A. - Detectors and denaturation-feed units for small powerhouses. p. 132.
- Edel'skiy, G. P. - Experience in the treatment of cooling water in Ural thermoelectric power stations. p. 143.
- Zhilova, L. M. - Flow sheet and equipment for chemical control of water in power stations and water treatment plants. p. 150.
- Bystritskiy, A. L., Alskovskiy, V. D. - Automatic denaturation of chloride-ion traces in water. p. 163.
- Makina, N. N., Baeva, E. G. - Controlling the concentrations of corrosion products and hydrazine. p. 167.
- Udovych, M. M. - Optical methods of determining oil products content in water. p. 173.
- Mosolov, A. A. - Calculating pH values and specific conductivity of NH_3 and CO_2 water solutions. p. 178.
- Epfelbaum, R. V. - Filter types for water treatment plants. p. 187.
- Petr Ivanovich Loshchilin; obituary. p. 214.
- ЗА БЕЗОПАСНОСТЬ ДВИЖЕНИЯ [FOR TRAFFIC SAFETY]. Issued by Obkol RUD-GAI Upravleniya okhrany obshchestvennogo poriadka Isposkoma Mosgorsovet [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet]. Moscow, vol. 11, no. 7, July 1968.
- ЗА РУЛЕМ [AT THE WHEEL]. Issued by Vsesoyuznoye dobrovol'noye obshchestvo sokolovskaya armiya, avialinitsy [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, nos. 7-9, July-Sep. 1968.
- Effect of the washing away of condensate by formation water in the development of gas condensate fields. p. 3.
- Gadzhikasanov, A. S. - Factors determining the changes in the composition of aromatic hydrocarbons as exemplified by the Karadag field. p. 6.
- Vitrenko, L. I., Zhelezniak, L. - Experience in using a hydrocarbon-chalk paste for the elimination of syphon absorption. p. 9.
- Kasskazov, V. A., Prikazhskiy, V. A., Lazarev, V. P. - Selecting pipeline diameter for the infield transportation of gas-oil mixtures. p. 10.
- Karmashenko, V. V., Kalina, O. Zh. - Method for determining hydraulic parameters of circular field gas collectors. p. 14.
- Gulidzhazade, A. M., and others. - Experience in the collection and transportation of gas and condensate in the Yuzbaya offshore field. p. 18.
- German, V. T. - Study of units of low-temperature separation as objects for automatic control. p. 22.
- Dorofeev, M. P. - Electric automatic device for the liquid runoff from processing field devices. p. 28.
- Vialkina, G. V., Zhdanova, N. V., Klimushin, A. M. - Moisture content of liquefied natural gases. p. 28.
- Kadyrov, N. K., and others. - Instantaneous temperature coefficients for liquid ethane, propane, n-butane, and pentane. p. 34.
- Alkashandrov, I. A., Turcevskiy, E. M., Bakshitan, D. TS. - Analyzing the performance of an isobutane column with grid trays in the 5/6 factory of the Minnebayevskiy Coking Plant. p. 38.
- ГОРНЫЙ ЖИЗНЬ [MINING JOURNAL]. Organ of Gosudarstvennyy komitet po khimicheskoy metallurgii pri TsSPSS [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 143, no. 4, Apr. 1968.
- Table of contents translated:
- Greboluk, V. A. - 50th anniversary of the Leninogorsk Rod Banner Complex Ore Mining and Dressing Combine. p. 3.
- El'tsov, F. P. - Improving the equipment repair service at the Leninogorsk Complex Ore Mining and Dressing Combine. p. 7.
- Usonko, A. I. - Magnetite ore deposits of Pechanskoye in the Central Urals. p. 11.
- Sukina, R. I., and others. - Economically advantageous forms of the concentration of mining operations in the Krivoy Rog Basin. p. 14.
- Eilichikov, A. A., and others. - Influence of ore lumpiness on technical and economic indices of mechanical coarse crushing. p. 18.
- Vorontsev, A. S., Mikhchenko, N. V., Fafolov, V. S. - Experience in using major ore chutes at the Altyntopkan Mine. p. 21.
- Zagorutko, G. K. - The stripping and conditions of mining operations at the Uralay open-pit mines. p. 24.
- Boltakov, I. I., Solodukova, G. S., Fedorenko, A. I. - Permissible height of excavator-worked benches in blasted rocks. p. 27.
- Serobshin, V. I. - A uniform terminology for using rotary bucket excavators in mine workings. p. 29.
- Agoshkov, M. I., Ryzhov, V. P., Grinov, R. M. - Change of the quality of ore during drawing, and its control in the caving systems of mining ores and enclosed rocks. p. 31.
- Iankov, V. A., and others. - Improving the drawing and transportation of ore in mines of the Sokol deposit. p. 34.
- Mirzayev, O. G., Kholashvili, A. G. - Effect of corrosive waters on the stability of shafts reinforced by monolithic concrete lining. p. 39.
- Kravchenko, V. P., Kravchenko, V. T. - Controlling the fullness of chamber filling made by hardening fillers. p. 41.
- Pozdnakov, B. V., Nethov, I. V., Lomosh, N. I. - Experimental investigations on the blasting action of explosive elongated charges. p. 43.
- Simovitch, I. A., Konnyukhin, A. I., Shikov, K. S. - Using borholes with a reduced diameter at the Gornaya Shoriya mines. p. 46.
- O'ldorikov, D. V., Kochetov, E. V. - Conditions of starting by the foot that obstructs cone-type crushers with hydraulic supports. p. 48.
- Blodkin, V. S. - Stressed state and selection of the official shape of boring bit bodies. p. 49.
- Parusluk, P. F. - Wear resistance of cone-type crushers and castings. p. 52.
- Shel'din, I. M. - Soviet export of mining equipment. p. 54.
- Koshel'skiy, E. V. - Experience in the operation of (ASD) automatic signal light block system at the No. 85 Mine. p. 55.
- Frankel', M. I., Mandel'tsin, I. S. - Improving the quality of regulation with regard to systems for stabilizing loads upon working elements of rotary bucket excavators. p. 60.
- Murometeva, Z. G., Alekhn, S. S. - Using gravimetry in industrial exploration. p. 62.
- Vetrova, E. F., and others. - Autogenous grinding and flotation of oxidized ores at the Southern Mining and Ore Dressing Combine. p. 63.
- Glembotskiy, V. A., Zaidin, S. A., Maluk, O. P. - Efficient use of apolar oils in the flotation of marlite particles in various sizes. p. 66.
- Somenko, P. I., and others. - Dust collecting during roller bit boring. p. 67.
- Bukhman, I. A. Z. - Using recirculation systems of ventilation in copper-pyrite mines. p. 68.
- Korovin, K. V., Efremova, T. K., Volkov, V. S. - Air-supply margin for iron ore mines of the Nizhny Tagil Metallurgical Combine. p. 70.
- Gol'tsov, D. I., Usatov, G. A., Zhanlendrov, S. D. - Mechanized sampling of ores from railroad cars. p. 71.
- Morozov, V. D., Balkov, D. N. - Equipment for measuring the thickness of guide linings. p. 73.
- Zoridin, L. T., D'lin, A. I. - Conference on problems of studying the stability of slopes in the open-pit mines of ferrous metallurgy. p. 76.
- Borisov, G. A., Mikhel'son, R. V. - All-Union scientific-technological conference on problems of mercury and lead vapor formation during electric blasting in mines. p. 77.
- Andrei Borisovich Palkovskiy; obituary. p. 78.
- ЖИЗНЬ. УКРАЇНСЬКІ НАУКОВО-ДОСЛІДНІ ІНСТИТУТИ МЕТАЛІВ. Збірник праць [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF METALS. Papers]. Moscow, no. 12, 1967. Technology of the production and properties of ferrous metals.
- Table of contents translated:
- Starshinov, B. N., and others. - Using natural gas and oxygen in the production of foundry pig iron. p. 5.
- Bazilevich, S. V., and others. - Determining the optimum structure of the ore balance in the Kursk Magnetic Anomaly Basin. p. 10.
- Lysenko, I. S., Gacvaia, O. S. - Investigating the metallurgical properties of Kremenchug deposit iron ores. p. 37.
- Starshinov, B. N., Smil'skiy, V. D. - Effect of the level of charging and the gas pressure in the blast furnace top on processes of reduction and slag formation. p. 50.
- Lobedev, A. E., and others. - Pilot plant production of fluxed sinter (0.7 basaltic) of untreated "lobasit" ore. p. 55.
- Lysenko, I. S., and others. - Replacing limestone by chalk in the coking of fluxed sinter. p. 76.
- Khoruzhii, A. G., Onoprienko, V. P. - Mechanism of hearth disintegration. p. 83.
- Dorof', A. G., and others. - Effect of blowing the bath with a steam-oxygen mixture on the quality of rails and furnace performance. p. 89.
- Dorokhov, V. I., Klenchikov, G. A. - Effect of secondary steel oxidation on its contamination by oxide inclusions. p. 96.
- Dorokhov, V. I., and others. - Distribution of non-metallic inclusions and residual aluminum in a 700-kg. ingot of low-carbon electrical steel. p. 107.
- Panich, B. I., Kovalev, G. M., Shuev, I. A. A. - Experience in the production of clipped steel in Soviet plants. p. 118.
- Kovalev, O. M., Shuev, I. A. A., Panich, B. I. - Determining the optimum consumption of aluminum shot for the capping of rimmed steel ingots through the trumpet. p. 130.
- Shalagin, O. A., and others. - Ingot behavior in the mold during horizontal continuous steel casting. p. 136.
- Shalagin, O. A. and others. - Heat exchange between ingot and ingot mold during horizontal continuous steel casting. p. 147.
- Lapshchik, V. I., and others. - Hydraulic modeling of the filling of square, round molds. p. 154.
- Dolzhnikov, P. E., and others. - Rolling niobium in vacuum in an argon atmosphere. p. 163.
- Ganin, I. V., and others. - Properties and wear-resistance of rolls with cast grooves. p. 171.
- Ganin, I. V., and others. - Metal slippage in beam passers. p. 184.
- Saprygin, Kh. M. - Methods of calculating strains in metals and the optimal conditions of rolling. p. 190.
- Kaplanov, G. I. - Determining forward and backward slip during two-dimensional rolling. p. 197.
- Gulubov, M. M., and others. - Device for the rapid cooling of sheet and its automatic control diagram. p. 201.
- Trishavskiy, I. S., Shokov, F. I. - Metal deformation at the edge of a strip and its effect on conditions of shaping. p. 211.
- Trishavskiy, I. S., Doktorov, M. E., Miroshnichenko, V. I. - Porco conditions in the shape forming of metals. p. 225.
- Trishavskiy, I. S., Shcheglov, V. M. - Experimental investigation of the deformation of surface layers of an ingot in the process of shaping. p. 232.
- Vorontsov, N. M., and others. - Technology of producing special bolt shapes with elastic properties. p. 238.
- Trishavskiy, I. S., Vorontsov, N. M., Khizhatnikov, I. A. V. - Adopting the production of shapes for the longitudinal side of a truck-trailer. p. 251.
- Trishavskiy, I. S., and others. - Characteristics of metal forming during the making of channel shapes. p. 262.
- Krivonozov, I. I., and others. - Terminology in the

B. MINING & METALLURGY

GAZOVOE DRELO [GAS INDUSTRY]. Issued by Tsentral'nyy nauchno-issledovatel'skiy institut tekhniko-ekonomicheskikh issledovaniy po nefliu, neftekhimicheskoy i gazovoy promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies of the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 3, 1968.

Table of contents translated:

Leontev, I. A., Potrenko, V. I., Rasoskin, G. V. -

- production of laminated metals. p. 215.
- Prizayev, D. I., and others. - Variation in thickness of two-layer sheets in girth rolling. p. 222.
- Krivosheina, R. L., Dultzenko, T. F., Zakharov, L. A. - Combination method of producing bimetal. p. 252.
- Prizayev, D. I., Syz'ko, A. A. - Physicochemical processes inside the park during its heating. p. 256.
- Muslenikov, N. D., Voronina, V. A. - Effect of harmful impurities on the mechanical properties of acid electric steel. p. 305.
- Maslennikov, N. D., Voronina, V. A. - Conditions for increasing the plasticity and the brightness of acid electric steel. p. 310.
- Vygodskii, I. A. - Centrifugal parting and cleaning of chills for rolling mill rolls. p. 317.
- Shaperman, L. A., and others. - Effect of operational factors on the formation and development of coolant-origin defects on heavy-type rails. p. 333.
- Ravinskaya, T. M., and others. - Properties of rails made of steel rayon-treated in the ladle. p. 332.
- Rokhlin, I. N., Vekser, N. A., Kazarovskii, D. S. - Nature of light spots in fracture of fracture-tested axle steel specimens. p. 356.
- Surdlet, N. I., and others. - Properties of 10G2B low-alloy medium steel. p. 363.
- Sardler, N. I., and others. - Properties of 09G2 low-alloy steel prepared by converting phosphorus cast iron. p. 373.
- Legeldi, N. F., Savchenkov, V. A., Sotnik, I. S. - Properties and weldability of hardened semikilled St. 35 steel. p. 369.
- Savchenkov, V. A., Sotnik, I. S., Korolenko, V. S. - Effect of zirconium on the weldability of steel. p. 404.
- Voronina, V. A., Filippova, T. F. - Effect of inoculation with rare earth elements on the structure and properties of cast carbon steel of hypereutectoid composition. p. 411.
- Filippova, T. F. - Effect of arsenic on the chemical and thermal treatment of high-quality structural carbon steel. p. 422.
- Veselianskii, I. U. S. - Fractography of the propagation of chipping in commercial iron. p. 430.
- Popova, N. N., Bakko, N. I., Matashenko, R. B. - Chilling thermal film etching for the investigation of carbon and low-alloy steels. p. 443.
- Kunkin, V. D., Koval', G. L. - Rapid method of determining phosphorus in cast iron, plain carbon steel, arsenic-containing steel, alloy and high-alloy steel. p. 451.
- Nikulina, O. I., Gudykina, L. L., Kotomilets, I. P. - New method of spectral analysis of metallurgical slags and sinters in the form of liquid and solid melts. p. 458.
- Nikulina, O. I., Gurevaya, A. E. - Spectral analysis method to investigate the distribution of calcium following its diffusion in steel. p. 468.
- Nikulina, O. I., Ivanova, N. K. - Using spectral analysis to investigate the distribution of elements in the boundary zone of a bimetal. p. 472.
- Gol'din, M. L., Tobolskii, M. B., Korolev, G. N. - Studying the distribution of iron and alloying elements in the boundary zone of the St. 3-Kh2VNF bimetal by the method of autoradiography. p. 477.
- ЛИТЕРАТУРА ПРОИЗВОДСТВА [FOUNDRY PRACTICE].**
Organ of Gosstatstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, no. 1, Jan. 1968.
- Table of contents translated:
- Skazhennik, V. A. - Technology of the rapid production of ceramic shells for precision casting. p. 1.
- Vinogradov, V. N., Gorskii, V. I. - Casting by squeezing box blanks. p. 3.
- Pavlichenko, V. S. - Substituting the air-arc cooling for teiling. p. 5.
- Ilikalov, I. N., Fedurov, V. K., Frolov, N. A. - Corrosion resistance of nickel-copper-chromium cast iron. p. 7.
- Maslov, K. V., Shishov, N. F. - Calculating gating systems of small iron castings. p. 8.
- Ryzhikov, A. A., Zlotin, S. Z., Stolbov, N. K. - A new method of venting molds in pressure die casting. p. 9.
- Norozhkov, F. K., Sevast'yanov, N. S. - Salt cast shell cures. p. 11.
- Nikolaenko, I. G., Ryzhik, I. A. M., Svezhnoi, R. L. - Production of thin-walled shells from dry thermoreactive sands. p. 14.
- Lesnichenko, V. L. - Present conditions and tasks of further studies with regard to sand-blowing processes. p. 16.
- Sin, M. K., Panov, V. A., Sukharev, V. G. - A new method of introducing the blast into cupolas. p. 17.
- Geller, R. L., Erkin, V. V. - Selecting optimal values of working parameters for sand-sifting press machines. p. 18.
- Balinskii, V. R. - Influence of crystallization pressure on prestrain expansion. p. 23.
- Nekhendzi, I. I. A. - Casting properties of alloys. p. 23.
- Balandin, G. F. - Empirical equations for mold packing by pressing. p. 31.
- Volkov, A. K., Zorin, A. I., Lovchikov, V. S. - Modification of ferrisilite with rare-earth elements. p. 35.
- Polishchuk, V. G., Smolnikov, A. N. - Determining the temperature field of a sand mold in centrifugal casting of cast iron pipes. p. 36.
- Dentsov, V. A., and others. - Mechanical properties of steel in massive castings. p. 37.
- Levchenko, I. U. N. - Kinetics of the removal of magnesium in isothermal soakings of cast iron. p. 40.
- Galsin, B. M., Lobyskin, P. P. - Elimination of porosity and cracks in reinforced castings. p. 41.
- Kamov, D. P., and others. - Preparing the charge for induction smelting of synthetic cast iron. p. 42.
- Kerorovich, E. Kh., Puzynina, Z. A. - Inertie mold for pressure die casting. p. 43.
- Polkovskii, R. K. - Experience in casting working wheels for vertical pumps. p. 44.
- Balinskii, V. R., Izbodova, V. G., Sitichenko, A. I. - Improving the quality of precision castings. p. 44.
- Kruter, I. A. - A substitute for lycopodium powder. p. 45.
- Nikitenkov, P. P., Shiputin, N. V. - Consumption of ethyl silicate and a solvent in precision casting. p. 45.
- Reva, I. L., Shapiro, Z. B., Kocherov, V. V. - Reinforcement of heat-resistant castings. p. 45.
- Smol'te, I. U. A., and others. - Controlling nonmetallic inclusions in cast steel. p. 46.
- Elizabratov, P. S. - Influence of the shape and dimensions of specimen surfaces on mechanical properties of cast iron. p. 47.
- Chistakov, V. V. - Machine molding in small batch production. p. 48.
- Val'dman, O. A. - Use of bentonite in the foundry production in Canada. p. 3 of cover.
- No. 5, May 1968.
- Table of contents translated:
- Erstovskii, A. N., and others. - Smelting the gray cast iron in foundry plants of the automobile and tractor industry. p. 1.
- Stepanov, V. S., Tret'akov, V. F., Golov, L. G. - Using the manganese ore in cupola smelting of cast iron. p. 4.
- Porachikov, R. P., Teplov, V. D. - Vertical still-gating systems with reverse sprues. p. 4.
- Danilin, B. I., Vasilevskii, P. F., Pobezhnikov, P. L. - Feeding the G13L steel castings. p. 6.
- Kondrat'ev, I. U. P., Gultsev, D. I. - Selecting materials for pattern rigging. p. 7.
- Sidash, E. S., Frantsuzov, I. V., Nadioka, G. I. - Equipment for the proportioning of steel. p. 10.
- Svetlov, I. U. F. - Weight proportioning for automatic pouring of single-use molds. p. 11.
- Kitan, B. F., Komarov, L. F., Ivanov, D. P. - Methods of investigating the packing by pressing. p. 12.
- Iukalov, I. N., and others. - Foundry corrosion-resistant steels of higher strength. p. 15.
- Lev, I. E., and others. - Influence of the interphase distribution of alloying elements on properties of cast iron. p. 17.
- Sheiko, A. A., Fil'ov, E. G. - Efficiency of calcium in complex inoculants of nonmagnetic cast irons. p. 18.
- Molisev, I. U. V., Kuls, G. A., Chernovol, A. V. - Kinetics of the crystallization of yttrium cast iron. p. 21.
- Evelukov, M. F., Prilomanova, M. I. - Stability of the primary austenite of cast iron. p. 23.
- Shil'kov, V. S., Gederovich, N. A., Izmailov, O. P. - Influence of the final deoxidation on the surface properties of steel. p. 26.
- Ivanov, S. N., Lov, L. E., Malalovskii, K. N. - Segregation in cast high-chromium pig iron, and its heat treatment. p. 28.
- Talanov, P. I., Mokhov, V. N., Kravsha, F. S. - Behavior of dry sands under conditions of rapid heating. p. 28.
- Kazborok, L. A. - Inertia knockout grids with self-balance. p. 30.
- Tsybin, I. O., and others. - Main features in the production of massive chill castings. p. 31.
- Grozov, M. S., Grigor'ev, E. A. - Centrifugal casting of AL4 alloy compressor wheels. p. 32.
- Chistinkov, V. V. - Calculation of gating systems with centrifugal dirt traps for small iron castings. p. 33.
- Pittman, N. G., Lerner, I. U. S. - Calculating the degree of electricability of magnesium cast iron. p. 33.
- Antuf'ev, V. K., Cherepanova, T. G. - Cylindrical grinding mill pebbles from modified titanium-copper cast iron. p. 33.
- Tetikh, V. A., Drutman, B. Z., Naumov, G. I. - Cast iron for thin-walled castings. p. 34.
- Shilin, V. G., Semenov, L. A. - Centrifugal casting of 50 mm diameter pipes in lightly cooled cast iron molds. p. 35.
- Sinepol'skii, A. S. - Inverted refractory lining of electric furnaces. p. 36.
- Nosenko, V. F. - Cupolas with radiation recuperators and wet spark arresters. p. 36.
- Evscev, L. A. - Automatic valve for maintaining the level of working fluid in the tanks of casting machines. p. 37.
- Baryshevskii, L. M., Shevchuk, P. T. - Connection between manganese and sulfur in malleable cast iron. p. 38.
- Kovalov, I. M., Noskov, B. A. - Shrinkage of the antimony-alloyed gray cast iron. p. 38.
- El'mov, G. I. - Redesigning the movable part of cleaning shot-blasting machines. p. 40.
- Semov, A. A. - Modernization of millers. p. 41.
- Pyshnitsyn, I. U. P., Fedova, E. N. - Increasing the durability of side dampers of edge-runner mills. p. 40.
- Smol'te, I. U. A., and others. - Use of oxygenating, charging high-manganese steel by the remelting method. p. 40.
- Dut'skii, E. I. - Properties of cast and rolled SKhV and steel. p. 41.
- Tsachov, V. N., Ahtyrov, D. A. - Industrial welding of pipes by wear-resistant alloy. p. 43.
- Nikol'skii, N. P., and others. - Optimization of the cast iron for light metals. p. 43.
- Pely Ivanovich Talmov: on the 70th anniversary of his birthday. p. 46.
- Vasil' Nikolaevich Panteleev: obituary. p. 40.
- МАШИНОСТРОИТЕЛЬНОЕ ОБОРУДОВАНИЕ [MACHINE-BUILDING EQUIPMENT].** Issued by Vsesoyuznyi nauchno-issledovatel'skii institut mashinostroyeniya i obrabotki metallov [All-Union Scientific Research Institute of the Design, Management, and Remanufacture of the Machine and Metal Industry]. Moscow, no. 5, 1967.
- Table of contents translated:
- Bukhalenko, E. I., Nishina, A. V. - ISM 50 type high-pressure centrifugal pumps for the lifting of water into oil formations. p. 3.
- Shumilov, V. P. - Effect of vibration on the seals of brine into mechanisms. p. 7.
- Tveritkov, G. I., Izhmestovskii, I. U. - Effect of the quality of sucker rods in the field. p. 8.
- Efimchenko, S. I. - Characteristics of the injector spooling on the drum of the draw works in the effort in dynamic stresses in the cable. p. 14.
- Sutunov, A. V., Tulyga, A. V. - Welding of gas-tight joints in alloyed steel tubing. p. 16.
- Dobrov, S. G. - Studying hydraulic resistance in the flow of drilling mud in a vertical gap. p. 20.
- Afonin, L. A. - Comparison of attenuation of high-frequency communication signals in electric power transmission lines of an oil field. p. 21.
- Tsiger, M. M. - Experience in the installation of drilling rigs by heavy-duty prime movers. p. 20.
- Smol'te, V. I. - Making and exploiting equipment with hinge joints, tested by Azimutal gaskets of unilateral contact. p. 20.
- МЕТАЛЛОВЕДЕНИЕ И ТЕРМИЧЕСКАЯ ОБРАБОТКА МЕТАЛЛОВ [METALS AND HEAT TREATMENT OF METALS].** Organ of Gosstatstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR and Vsesoyuznyi nauchno-issledovatel'skii institut mashinostroyeniya i obrabotki metallov [State Committee for the Machine-Building and Metal Industry]. Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific-Technical Faculty of the Machine-Building Industry. Moscow, no. 6, June 1968.
- Table of contents translated:
- Perkas, M. D. - High-strength martensitic aging steels. p. 2.
- Morozov, G. A., and others. - The N18K9M5T (MS200) high-strength martensitic aging steel. p. 15.
- Ryzhak, B. S., and others. - Heat treatment of the N18K9M5T martensitic aging steel. p. 20.
- Morozov, G. A., Vylozhnev, V. P., Barak, V. I. - Tendency to brittle failure of the N18K9M5T (MS200) martensitic aging steel and the high-strength steel of the martensitic class. p. 22.
- Dolinkov, I. N., Nikol'skii, V. L., Ryzhak, B. S. - Alpha to gamma transformation in the N18K9M5T martensitic aging steel. p. 20.
- Kardonskii, V. M., Perkas, M. O. - High-strength martensitic aging steel with a low content of cobalt. p. 32.
- Litvinenko, D. A. - Martensitic aging steel with a low content of cobalt. p. 35.
- Martina, A. V., Dorozhka, A. M. - Temperature rates in the carbide phase formation, and its effect on the mechanical properties of Kh2VNF steel. p. 39.
- Pelopavlovskaya, Z. N., Il'yukin, S. A. - Connection between the dispersion of limiting particles and resistance of metal to creep and relaxation. p. 42.
- Sorokina, I. U. G., Uganova, S. A. - Influence of the amount and size of particles of a gamma prime phase on the stress-rupture strength of Ni-Cr-Al alloys. p. 40.
- Longinov, M. E. - Electron microscope study of the structure of illite phases in the KhN77U10 alloy. p. 48.
- Matavka, A. A. - Heat resistance and mechanical properties of 11U7Kh28 and 11U7Kh2N38172 steels. p. 50.

- Khasin, G. A., Brazgin, I. A., Ermanovich, N. A. - Recrystallization processes in 4Kh12N8G8MFI steel. p. 65.
- Sorokin, N. A., and others. - A unit for continuous heat treatment of aluminum sheets. p. 58.
- Tregubov, I. A., Kobylkin, A. N. - Equipment for water quenching of oxidizable materials. p. 61.
- Sobolev, V. G. - Equipment for the hardening of pig-iron. p. 62.
- Geller, A. L., Kozhushnik, L. G. - Contact strength of the case-hardened 25Kh2GNTA steel. p. 64.
- Tarasov, A. N. - Increasing the resistance of the upsetting tool of Kh12M steel. p. 65.
- Maslova, L. P. - Paste cyaniding by the induction heating of electrolytic iron coatings. p. 65.
- Dashchinskii, B. I., Ponomarev, E. P., Kas'tanekho, V. G. - Vacuum diffusion chrome plating and chrome colorizing of steels and alloys. p. 67.
- Andropova, N. G., Ershova, L. S., Aslajova, A. A. - Protective properties and structure of colorized coatings of high carbon steels. p. 69.
- Grig'berg, N. M., Konovalova, M. P. - Causes of changes in the dimensions of parts during case hardening. p. 71.
- Mezhumyl, M. O., and others. - Aging of chromium-nickel austenitic ferritic steels alloyed with molybdenum, copper and titanium. p. 74.
- Zubchenko, A. S., Timofeev, M. M., Gurdovskii, V. G. - Investigating properties of heat-resistant 6Kh23S2U steel. p. 76.
- MOSCOW, TSENTRAL'NYI NAUCHNO-ISSLEDovATEL'SKII INSTITUT CHERNOI METALLURGI**, *Sbornik trekh [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY. Papers]. No. 64, 1968. Precision alloys.*
- Table of contents translated:
- Borodkina, M. M., Chomova, N. G., Eglz, I. V. - Investigating the 41NKhTA alloy by the X-ray method. p. 3.
- Bulycheva, Z. N., Sandenitskaya, V. L., Svezhova, S. I. - Effect of heat treatment on the magnetoelectric and texture of the 10U alloy. p. 8.
- Kulova, L. A., Petrov, A. G. - Conditions for obtaining a bright surface during the heat treatment of stainless steel. p. 14.
- Smirnova, L. G. - Effect of transverse compression on the magnetic properties of magnetically soft alloys. p. 19.
- Har'el, M. P., Evdokimova, G. I. - Alloy with an exceptionally high specific electric resistance and low temperature coefficient of resistance in a wide temperature range. p. 20.
- Har'el, M. P., Evdokimova, G. I. - Investigating properties of alloys in systems Mn - Pd, Mn - Ce and Mn - Ga. p. 35.
- Zuev, Sh. I. - Using the method of thermomagnetic treatment in a transverse magnetic field to produce alloys with constant permeability. p. 43.
- Borodkina, M. M., Chomova, G. I. - Texture and magnetoelectricity of the permendur (80MF) alloy. p. 52.
- Pogova, V. P. - Galvanomagnetic effect and elastoresistance in iron-nickel alloys with addition elements. p. 55.
- Al'igaeva, O. N., Liubetskaya, G. V., Semenova, N. A. - Dynamic elastoresistance of magnetically soft alloys. p. 61.
- Elizav, O. P., Kalinin, G. P. - Electric and corrosion properties of alloys in the titanium corner of the system Ti - V - Mn. p. 71.
- Solov'eva, N. A. - Effect of addition elements on the thermal expansion of iron-nickel alloys with a thermal expansion anomaly. p. 77.
- Paschenko, G. V., Matveev, I. E. - Effect of the rate of cooling on the structure and properties of the permendur alloy. p. 85.
- Grashtanov, I. U. A., Habin'kin, A. G. - Effect of chemical composition and conditions of heat treatment on the magnetic properties of highly coercive cobalt-platinum alloys. p. 90.
- Borisova, A. K. - Current-conducting spring alloys. p. 98.
- NEFTEGAZOVAIA GEOLOGIIA I GEOFIZIKA [PETROLEUM AND GAS GEOLOGY AND GEOPHYSICS]**, *Issued by Gosudarstvennyi komitet neftedobyvnykh shakel promyshlennosti pri Gosplano SSSR and TSENTRAL'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neflanol, neftekhimichesko i gazovoi promyshlennosti [State Committee for Petroleum Production, Attached to the State Planning Committee of the U.S.S.R., and the Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 3, 1968.*
- Table of contents translated:
- Bereilo, I. A., Medvedev, N. F., Iakovlev, I. I. - Some data on the structure of the cis-Ural Trough in connection with gas prospecting operations. p. 3.
- Pedrov, S. F., Dimoni, K. R., Pashnikov, A. A. - Regularities of the stratigraphic distribution of oil and gas pools in the eastern regions of the Ural-Volga area. p. 7.
- Per'kova, I. A. N. - Some results of studying interstitial space in the Shakh-Tau reef (Dzharkit cis-Ural region). p. 11.
- Grachevskii, M. M., Dubovskii, I. T., Leshchenko, V. E. - First reef oil pool in the Upper Devon of the Timan-Pechora region. p. 14.
- Plotnikov, A. A. - Thickness of the clay cover as a factor determining the height of hydrocarbon pools in a trap. p. 18.
- Arabadzhi, M. S., Vasil'ev, I. M., Mil'michuk, V. S. - Quantitative evaluation of the inheritance of structural planes as exemplified by the Aral-Caspian region. p. 22.
- Bykov, N. E., and others. - Disjointedness of productive sediments (horizons XIII to XVII) of the Uzen' field. p. 24.
- Li, K. A. - Geothermal characteristics of deep-seated mineral resources in the northern part of the Caspian Sea region. p. 29.
- Brodski, A. I. A. - Results of seismic studies with the use of the refraction correlation method in the eastern part of the southern slope of the Karpiak swell. p. 33.
- Rumyantseva, N. N. - Studying the effect of clay material on the electric conductivity of oil-saturated terrigenous rocks. p. 36.
- Depovskii, S., Sapala, I. - Results of the thermal studies completed in the southeastern part of the Polish Lowland. p. 41.
- NEFTEPERERABOTKA I NEFTEKHIMIYA [PETROLEUM REFINING AND PETROLEUM CHEMISTRY]**, *Issued by TSENTRAL'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neflanol, neftekhimichesko i gazovoi promyshlennosti [Central Scientific Research Institute for Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 7, 1968.*
- Table of contents translated:
- Levin, M. E., and others. - Redesigning the 1-A-lytic catalytic cracking unit. p. 1.
- Dulov, N. A., Starkova, N. N. - Transformer oil from the Kamenny Log petroleum. p. 4.
- Zelov, V. M., Marinkov, M. I. - Composition of ash portion of jet fuels. p. 5.
- Filina, R. A., Khabibullina, R. K., Reboza, M. I. - Properties of emulsions of the petroleum of the Kuyas-Kori and Ali-Yuri fields and methods for their dewatering and desalting. p. 7.
- Zimina, K. I., and others. - Effect of the structure of the alkylating agent and the nature of the catalyst on the relationship of urtic and para-isomers in the products of phenol alkylation. p. 11.
- Kurganov, V. M., and others. - Solvent treatment of coked catalyst in hydrocracking. p. 13.
- Martynov, V. M., Kuznetsov, A. A. - Surface properties of liquid lubricants. p. 16.
- Sechenov, G. P., Al'tshuler, V. S., Leonova, I. D. - Production of hydrogen from hydrocarbon gases by the method of steam-oxygen conversion in a fluidized bed under pressure. p. 21.
- Vigalok, R. V., Tolstova, M. N., Ilazumov, V. A. - Wide-cut sulfur compounds of petroleum stabilizing plants and stable casing-head gasolines. p. 25.
- Gurovich, R. E., Suleeva, E. S., Anshkina, M. D. - Rectification of hydrogenated synthetic ethyl alcohol. p. 27.
- Borozkin, V. G., and others. - Solid carriers for gas-liquid chromatography. p. 29.
- Gordale, I. T., Gurelov, S. A. - Carboxylating alkylphenols. p. 34.
- Drozdov, A. S., and others. - Radical-catalytic oxidation of paraffin. p. 36.
- Man'kovskaya, N. K., Durov, B. K. - Thermal stability of some metal stearates. p. 38.
- Poroshenko, A. A., Marchenko, M. A. - Effect of the temperature of paraffin oxidation on the composition of fatty acids. p. 41.
- Zinulovskii, S. M., and others. - Mathematical modeling of petroleum refining. p. 44.
- Gurnikov, Kh. I., Kuzovkov, V. N., Frid, D. N. - Automation of the unit for preliminary refining of phenol-acetone mixture before rectification. p. 46.
- Brans, E. M., Papov, I. U. V. - Sensitivity of formaldehyde reaction. p. 48.
- Shik, V. K., and others. - Oxidation of naphthalene-ortho-xylene mixture. p. 49.
- Expenditures for research in the chemical and petrochemical industries of capitalist countries. p. 51.
- NEFTIANIA I GAZOVAIA PROMYSHLENNOST' [PETROLEUM AND GAS INDUSTRY]**, *Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainy SSR po koordinatsii nauchno-issledovatel'skikh rabot i Ukrainakoe respublikanskoe pravleniye Nauchno-tekhnicheskogo obshchestva neflanol i gazovoi promyshlennosti [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Ukrainian Republic Administration of the Scientific Technological Society of the Petroleum and Gas Industry]. Kiev, no. 3, May-June 1968.*
- Table of contents translated:
- Khud'yk, M. V. - Prospects for oil and gas occurrences in the Devonian sediments of the Gerasimovskoye-Laykovskoye salt-dome fold. p. 1.
- Bilyk, O. D., Sukhorek, R. F. - Main screening horizons in the upper stage of oil and gas occurrences in the Dnieper-Donets Lowland. p. 4.
- Gordalev, V. A. - Brief review of the geological structure of the Kerch Peninsula in connection with prospecting for oil and gas fields. p. 6.
- Likhonanova, I. N., Rumyantsev, A. F. - Hydrological openness of Tertiary and Cretaceous sediments in the Crimean plain. p. 9.
- Frolov, E. F. - General plans for oil and gas prospecting operations as basic prerequisites for the economically founded preparation of reserves. p. 11.
- Marukhin, N. I. - Studying wood pitch as a retarder in the setting of cement slurries. p. 14.
- Frolova, T. E., Bilyk, S. F., Sidor, P. G. - Axial stresses developing in casing under the influence of internal overpressure. p. 16.
- Dink, I. V. - Analyzing the breakdown of nitricness of intermediate casing in the wells of the Carpathian Mountain region. p. 19.
- Saltik, I. I., Borovskii, V. G. - Using electrodynamic brakes in running the tool in deep well drilling. p. 21.
- Druchin, I. P. - Performance of single-cone bits and small-diameter bits in the fields of the Crimea. p. 25.
- Zagolovko, A. M. - Substantiation of the lower limit for reservoirs in the Gidris field. p. 27.
- Savenkov, G. D. - Nature of processes and approximate calculation of fluid flow in the damping of gassers. p. 30.
- Lysyanski, G. N., Mal'tseki, E. A., Dubkovskii, S. S. - Drive of the PD-2M deep-well sampler. p. 34.
- Zil'berman, V. I. - Effectiveness of the accelerated introduction of oil and gas fields into operation and ahead-of-schedule development drilling in the Dnieper-Donets Lowland. p. 35.
- Bohrskaya, R. V., Shevchenko, E. F. - Composition of n-paraffins (C₆ - C₁₇) of some petroleum and condensates of the Ukraine. p. 37.
- Drobov, A. S. - Automatic regulation of rectification processes in strip columns. p. 40.
- Zorubov, M. A. - Development of the petroleum and gas industries and the effectiveness of fuel balance in the Ukrainian S.S.R. p. 43.
- Grigorenko, N. P., Mogil'nyi, V. I. - Throttling of moisture-containing natural gas in gas distributive stations. p. 46.
- Kostuk, V. I., Kojusov, V. N. - Lowering the critical temperature of hydrate formation in aqueous solutions of inorganic salts. p. 50.
- Doroshin, A. I. - Seminar on equipment and technology of well slaking under the conditions of decreasing reservoir pressure in the Shchelinka gas field. p. 51.
- Litvinenko, S. N. - Biocorrosion in the flooding of oil fields and its prevention in the United States of America. p. 52.
- Parra, J. K., Sigov, B. A. - Using digital control computers for the automation of catalytic cracking. p. 53.
- NEFTIANIK [THE PETROLEUM WORKER]**, *Issued by Ministerstvo neftedobyvnykh promyshlennosti SSSR [Ministry of Petroleum Production of the U.S.S.R.] and others. Moscow, vol. 13, no. 5, May 1968.*
- Table of contents translated:
- Mochalov, A. - Great thinker and revolutionary: on the occasion of the 150th anniversary of the birth of Karl Marx. p. 2.
- May, the month of significant dates. p. 5.
- Sapronov, N. - Friendship born in the year 1942. p. 6.
- Brodski, B. - Fighters on the peace front. p. 8.
- Shchelakov, G. - Story of two decorations. p. 9.
- Koslov, V. - In his work as well as in battle. p. 10.
- The goal of 300 million tons will be reached. p. 12.
- Results of socialist competition among petroleum workers in the anniversary year. p. 13.
- Time of great deeds: from the meeting of activist workers of the petroleum production, gas, petroleum refining, and petrochemical industries. p. 17.
- A village grew in the taiga. p. 20.
- Kazakov, P. - Youth of Neftoyugansk. p. 22.
- Kuznetsov, K. - And here was a village. p. 23.
- Ostrov, V. - Wonder of the desert. p. 24.
- Saltuk, M. - On the watch for labor safety of petroleum workers. p. 26.
- Makhmudbekov, E., Sharov, V. - Increasing the producing capacity of formations and improving preliminary oil refining in the fields of White Russia. p. 28.
- Rad'kin, V., Chebushov, A. - Grozny petroleum workers are perfecting the gathering of oil and gas. p. 29.
- Ismailov, I. - Well repairs, an important potential of petroleum production. p. 30.
- Allowances for temporary incapacity. p. 31.
- Chernov, A. - Conquering offshore fields. p. 33.

- production of laminated metals. p. 275.
- Priazev, D. I., and others. - Variation in thickness of two-layer sheets in sandwich rolling. p. 282.
- Krivonosov, Yu. I., Dolzhechkov, F. E., Zakharov, L. A. - Combination method of producing bimetal. p. 292.
- Priazev, D. I., Syts'ko, A. A. - Physicochemical processes inside the jack during its heating. p. 299.
- Maslennikov, N. D., Voronina, V. A. - Effect of harmful impurities on the mechanical properties of acid electric steel. p. 305.
- Maslennikov, N. D., Voronina, V. A. - Conditions for increasing the plasticity and elongation of acid electric steel. p. 310.
- Vygodskii, I. A. - Cold-chamber painting and cleaning of chilled rolling mill rolls. p. 317.
- Shapovalov, I. A., and others. - Effect of operational factors on the formation and development of contact-origin defects on heavy-type rails. p. 333.
- Ravitskaya, T. M., and others. - Properties of rails made of steel vacuum-treated in the ladle. p. 342.
- Rokhlin, I. N., Vekser, N. A., Kazanovskii, D. S. - Nature of light spots in fractures of tensile-tested steel specimens. p. 356.
- Sandler, N. I., and others. - Properties of 10G20 low-alloy niobium steel. p. 369.
- Sandler, N. I., and others. - Properties of 05G20 low-alloy steel prepared by converting phosphorus content. p. 373.
- Legel'da, R. F., Savchenko, V. A., Solnik, I. S. - Properties and weldability of hardened semikilled St. 3 steel. p. 380.
- Savchenko, V. A., Solnik, I. S., Kovalevskii, V. S. - Effect of zirconium on the weldability of steel. p. 404.
- Voronina, V. A., Filippova, T. F. - Effect of inoculation with rare earth elements on the structure and properties of cast carbon steel of hypereutectoid composition. p. 411.
- Filippova, T. F. - Effect of arsenic on the chemical and thermal treatment of high-quality structural carbon steel. p. 422.
- Veselianskii, M. S. - Fractography of the propagation of chipping in commercial iron. p. 430.
- Popova, N. N., Bubko, N. I., Mlaashenkin, R. B. - Using thermal film etching for the investigation of carbon and low-alloy steels. p. 443.
- Konkin, V. D., Koval', G. I. - Rapid method of determining phosphorus in cast iron, plain carbon steel, austenitic steel, alloy and high-alloy steel. p. 451.
- Nikitina, O. I., Gulygina, L. L., Kolomoiets, L. P. - New method of spectral analysis of metallurgical slags and slimes in the form of liquid and solid media. p. 458.
- Nikitina, O. I., Gorevaln, A. E. - Spectral analysis method to investigate the distribution of cerium following its diffusion in steel. p. 466.
- Nikitina, O. I., Ivanova, N. K. - Using spectral analysis to investigate the distribution of elements in the boundary zone of a bimetal. p. 472.
- Gol'din, M. L., Talub'skii, M. B., Kovalev, G. N. - Studying the distribution of iron and alloying elements in the boundary zone of the St. 3-Kh18Ni9Ti bimetal by the method of autoradiography. p. 477.
- LITENOE PROIZVODSTVO [FOUNDRY PRACTICE].**
Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, no. 1, Jan. 1968.
Table of contents translated:
- Skazhennik, V. A. - Technology of the rapid production of ceramic shells for precision casting. p. 1.
- Vinogradov, V. N., Gorskiy, V. I. - Casting by squeezing box blanks. p. 3.
- Pavlichenko, V. S. - Substituting the air-arc cutting for jetting. p. 5.
- Ukhalov, I. K., Fedorov, V. K., Frolov, N. A. - Corrosion resistance of nickel-copper-chromium cast iron. p. 7.
- Maslov, K. V., Slutshov, N. F. - Calculating gating systems of small iron castings. p. 8.
- Ryzhikov, A. A., Zlotin, S. Z., Stalov, N. K. - A new method of venting molds in pressure die casting. p. 9.
- Kovozhilov, F. K., Sevast'yanov, N. S. - Salt cast shell cores. p. 11.
- Nikolaenko, E. G., Ryvkin, I. A., Shezhenof, R. L. - Production of thin-walled shells from dry thermoreactive sands. p. 14.
- Ismichenko, V. I. - Present conditions and tasks of further studies with regard to sand-blowing processes. p. 16.
- Shi, M. K., Panov, V. A., Sukharev, V. G. - A new method of introducing the blast into cupolas. p. 17.
- Geller, R. F., Erkin, V. V. - Selecting optimal values of working parameters for sand-blasting press machines. p. 18.
- Balinskii, V. R. - Influence of crystallization pressure on prestrainage expansion. p. 23.
- Noklendz, I. U. A. - Casting properties of alloys. p. 23.
- Balandin, G. F. - Empirical equations for mold packing by pressing. p. 31.
- Volkov, A. K., Zoran, A. I., Lovchikov, V. S. - Modification of ferrite with rare-earth elements. p. 35.
- Pollshchik, V. G., Smol'takov, A. N. - Determining the temperature field of a sand mold in centrifugal casting of cast iron pipes. p. 36.
- Dentsov, V. A., and others. - Mechanical properties of steel in massive castings. p. 37.
- Levchenko, U. N. - Kinetics of the removal of magnesium in isothermal soakings of cast iron. p. 40.
- Gutkin, B. M., Lobyskin, P. P. - Elimination of porosity and cracks in reinforced castings. p. 41.
- Kanov, D. P., and others. - Preparing the charge for induction smelting of synthetic cast iron. p. 42.
- Kedrovich, E. Kh., Puzynina, Z. A. - Intricate mold for pressure die casting. p. 43.
- Polkovnikov, R. K. - Experience in casting working wheels for vertical pumps. p. 44.
- Balinskii, V. R., Lebedeva, V. G., Stinchenko, A. I. - Improving the quality of precision castings. p. 44.
- Kropov, I. A. - A substitute for lycopodium powder. p. 45.
- Nikitankov, P. P., Shipilov, N. V. - Consumption of ethyl silicate and a solvent in precision casting. p. 45.
- Roca, I. L., Shapiro, Z. B., Kocherov, V. V. - Reinforcement of heat-resistant castings. p. 45.
- Shul'te, I. U. A., and others. - Controlling nonmetallic inclusions in cast steel. p. 46.
- Chel'tratov, D. S. - Influence of the shape and dimensions of specimen notches of mechanical properties of cast iron. p. 47.
- Chel'tratov, V. V. - Machine molding in small batch production. p. 48.
- Val'dman, O. A. - Use of bentonite in the foundry production in Canada. p. 3 of cover.
- No. 5, May 1968.
Table of contents translated:
- Erskovskiy, A. E., and others. - Smelting the gray cast iron by ladry plants of the automobile and tractor industry. p. 1.
- Stepanov, V. S., Tsel'makov, V. F., Goino, L. G. - Using the manganese ore in cupola smelting of cast iron. p. 4.
- Poruchikov, I. P., Toporov, V. D. - Vertical gating systems with reverse sprues. p. 4.
- Danilin, D. I., Vasilievskii, P. F., Pobezhinov, P. I. - Feeding the G13L steel castings. p. 6.
- Kondrat'ev, I. U. P., Galicov, B. B. - Selecting materials for pattern rigging. p. 7.
- Skash, E. S., Frimozov, I. V., Raditska, G. I. - Equipment for the proportioning of steel. p. 10.
- Sveinikov, I. U. P. - Weight proportioning for automatic pouring of single-use molds. p. 11.
- Kilau, R. F., Komarov, I. E., Ivanov, D. P. - Method of investigating the packing by pressing. p. 12.
- Ukhalov, I. K., and others. - Foundry corrosion-resistant steels of higher strength. p. 16.
- Lev, I. T., and others. - Influence of the interphase distribution of alloying elements on properties of cast iron. p. 17.
- Shetko, A. A., Piro, E. G. - Efficiency of calcium in complex inoculants of nonmagnetic cast irons. p. 19.
- Notsev, I. U. V., Kus, G. A., Chernovoi, A. V. - Kinetics of the crystallization of yttrium cast iron. p. 21.
- Evelukov, M. F., Pylomanova, M. I. - Stability of the primary austenite of cast iron. p. 23.
- Shitkov, V. S., Gederovich, N. A., Izmailov, O. P. - Influence of the final deoxidation on the surface properties of steel. p. 25.
- Ivanov, S. N., Lev, I. E., Nalatskovskii, K. N. - Segregation in cast high-chromium pig iron, and its heat treatment. p. 26.
- Talmanov, P. I., Mokhov, V. N., Kvascha, F. S. - Behavior of dry sands under conditions of rapid heating. p. 28.
- Kazberch, L. A. - Inertia knock-out grids with self-balance. p. 30.
- Tsypin, I. O., and others. - Main features in the production of massive chill castings. p. 31.
- Gvozdev, M. S., Grigor'ev, E. A. - Centrifugal casting of ALA alloy compressor wheels. p. 32.
- Chislakov, V. V. - Calculation of gating systems with centrifugal dirt traps for small iron castings. p. 33.
- Pitman, N. G., Lerner, I. U. S. - Calculating the degree of electrocatalysis of magnesium cast iron. p. 33.
- Antol'sorov, V. N., Cherganova, T. G. - Cylindrical grinding mill pebbles from modified titanium-copper cast iron. p. 33.
- Tolch, V. A., Dymman, B. Z., Naumov, G. I. - Cast iron for thin-walled castings. p. 34.
- Shimov, V. G., Somenov, L. A. - Centrifugal casting of 60 mm diameter pipes in highly cooled cast iron molds. p. 35.
- Shepel'skii, A. S. - Inserted refractory lining of electric furnaces. p. 36.
- Nosenko, V. F. - Cupolas with radiation recuperators and wet spark arrears. p. 36.
- Evseev, L. A. - Automatic valve for maintaining the level of working fluid in the tanks of casting machines. p. 37.
- Baryshevskii, I. M., Shevchuk, P. T. - Correlation between manganese and sulfur in malleable cast iron. p. 38.
- Kovalev, I. M., Noskov, B. A. - Shrinkage of the antimony-alloyed gray cast iron. p. 38.
- El'mov, G. F. - Redesigning the movable bottom of cleaning shot-blasting machines. p. 39.
- Semenov, A. A. - Modernization of mills, model 115. p. 39.
- Dymshintsev, I. U. P., Frolova, E. N. - Increasing the durability of slide dumpers of edge-runner mills. p. 40.
- Shul'te, I. U. A., and others. - Use of oxygen for creating high-manganese steel by the remelting method. p. 40.
- Bot'skii, E. I. - Properties of cast and strained SKhMV tool steel. p. 41.
- Plachev, V. N., Atdyrov, D. A. - Induction-baked welding of pipes by wear-resistant alloys. p. 42.
- Nikol'shchik, N. P., and others. - Optimizing structure of cast iron for isogel molds. p. 43.
- Petr Ivanovich Talmanov, on the 70th anniversary of his birthday. p. 40.
- Vasilii Nikolaevich Panichev, obituary. p. 45.
- MASHINY I NEFTNANOE OBOURODOVANIE [MACHINERY AND PETROLEUM EQUIPMENT].** Issued by Vsesoyuznyy nauchno-issledovatel'skii institut organizatsii, upravleniya i ekonomiki neftnogo promyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, no. 5, 1968.
Table of contents translated:
- Bukharenko, E. I., Mushin, A. Z. - TSN 50-type high-pressure centrifugal pumps for the injection of water into oil formations. p. 3.
- Shumilov, V. P. - Effect of vibration on rod face seals of bottom hole mechanisms. p. 7.
- Tveritsov, G. I., Rozhdestvenskii, U. G. - Checking the quality of sucker rods in the field. p. 8.
- Efimchenko, S. I. - Characteristics of the multilayer smelting in the drum of the draw works and its effect on dynamic stresses in the cable. p. 14.
- Smirnov, A. V., Ladyga, A. V. - Welding of cast-rod heads in alloyed steel casing. p. 18.
- Dababev, S. G. - Shifting hydroabrasive erosion by the flow of drilling mud in a valve gap. p. 25.
- Afonin, L. A. - Cognition of attenuation of high-frequency communication signals in electric power transmission lines of an oil field. p. 23.
- Tsigor, M. M. - Experience in the haulage of blocks of drilling rigs by heavy-duty pulley systems. p. 26.
- Shul'gin, V. G. - Making and exploiting equipment with flange joints, sealed by Azinmash gaskets of unilateral contact. p. 29.
- METALLOVEDENIE I TEKHNIЧЕСКАЯ ОБРАБОТКА МЕТАЛЛОВ [METALS AND HEAT TREATMENTS OF METALS].** Organ of Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, no. 6, June 1968.
Table of contents translated:
- Perkas, M. D. - High-strength martensitic aging steels. p. 2.
- Bereznov, G. A., and others. - The N18KMST (MS200) high-strength martensitic aging steel. p. 15.
- Ryzhak, S. S., and others. - Heat treatment of the 00N18KMST martensitic aging steel. p. 20.
- Bereznov, G. A., Vylezminov, V. P., Sarank, V. I. - Tendency to brittle failure of the N18KMST (MS200) martensitic aging steel and the high-strength steel of the martensitic class. p. 22.
- Belikov, L. N., Nikol'skaya, V. I., Ryzhak, S. S. - Alpha to gamma transformation in the N18KMST martensitic aging steel. p. 20.
- Kardonskii, V. M., Perkas, M. O. - High-strength martensitic aging steel with a low content of cobalt. p. 32.
- Litvinenko, D. A. - Martensitic aging steel with a low content of cobalt. p. 35.
- Morlina, A. V., Borzdyka, A. M. - Temperature range in the carbide phase formation, and its effect on the mechanical properties of Kh2VMBF steel. p. 30.
- Petrovaylovskaya, Z. N., R'nykh, S. A. - Connection between the dispersion of hardening particles and resistance of metal to creep and relaxation. p. 42.
- Sorokina, I. U. G., Iuganova, S. A. - Influence of the amount and size of particles of a gamma phase on the stress-rupture strength of Ni-Cr-Al alloys. p. 40.
- Longinov, M. F. - Electron microscope study of the structure of film phases in the KhN70U9 alloy. p. 48.
- Malavin, A. A. - Heat resistance and mechanical properties of 1U7Kh2Si and 1U7Kh2N3SiT2 steels. p. 50.

2057

ORGAN OF GEOSURVEILLANCE COMMITTEE OF THE MINISTRY OF PETROLEUM AND MINERAL RESOURCES OF THE U.S.S.R. [State Committee for Petroleum Production. Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 48, no. 5, May 1968.

- Table of contents translated:
- Levin, S. M. - New system of planning and economic stimulation in operation. p. 1.
- Bragin, V. A., Volk, A. I., Kushchikov, N. I. - Some problems of deep drilling. p. 6.
- Oshov, K. G. - A. e. turbine drive for drilling rigs. p. 13.
- Khabibullin, I. A., Khtebnikov, N. V. - Wearing off of drill pipes in turbodrilling. p. 18.
- Aleksandrov, M. A., Konstantinov, L. P., Patil, P. A. - Ways for improving the organization of work in core recovery. p. 20.
- Gabrielian, A. G., and others. - Technology of tapping and formation testing in the terrigenous Devonian of the Lower Volga Valley. p. 22.
- Vasil'evskii, V. N. - Field method for determining current oil saturation of productive formations in water-oil displacement. p. 26.
- Klochko, I. P., Denisenko, N. G. - Characteristics of the development of the P-1 horizon in the Lelyaki oil field. p. 29.
- Bagirov, M. A. - Calculating heating of a well bottom zone during the extraction of liquid from it. p. 31.
- Nazarov, I. V., Patil, P. A. - Safety of casing during the use of thermal recovery methods. p. 36.
- Trobin, G. F., Kapryn, I. U. V. - Temperature changes in the bottom zone of deep wells. p. 38.
- Filarevskii, V. U. - Problems of preliminary refining of petroleum in the fields of Western Siberia. p. 41.
- Sullarov, B. I., and others. - Measures for the prevention of paraffin troubles in the production and transportation of petroleum in the Sangaciy-Mure and Duvanny-More fields. p. 44.
- Guzhov, A. I., Medvedev, V. F. - Critical flow of gas-oil mixtures through a flow beam. p. 47.
- Tugunov, P. I. - Determining the optimum thickness of thermal insulation for pipelines. p. 52.
- Abuzova, F. F., Abramson, L. S. - Approximate method for calculating the distribution of pressure in a pipeline containing condensed petroleum. p. 55.
- Gorokov, G. S., Patil, P. A. - Indices of diamond drilling in the United States during the years 1960 - 1965. p. 57.
- Hornes, J., Simon, S., Ori, V. - Experience in forced recovery in the oil fields of Hungary. p. 59.
- Garanina, E. - Fifth session of the scientific and technical society. p. 63.

Vol. 48, no. 7, July 1968.

- Table of contents translated:
- Avrov, P. I., Zholtacev, G. Zh. - Aspects of well drilling in the Caspian syncline. p. 1.
- Dzhatilov, N. M., and others. - Deviation of the hole in diamond drilling. p. 3.
- Kuzmak, E. M., Eremova, K. P., Ovchinnikova, T. S. - Selecting the optimum structure of the reinforced layer for drilling bit cones. p. 6.
- Vadelekii, I. U. V., Osun, B. I. - Determining the allowable differential pressure during formation testing in the drilling process. p. 12.
- Lopatin, I. U., Filatov, B. S. - Formation of cuttings when drilling with roller bits. p. 15.
- Dulstov, A. I., Domanov, G. P. - Determination of the loads affecting the centering guide of casing. p. 18.
- Tumashin, A. D., Pantelev, V. G., Bahallan, G. A. - Use of carbon dioxide for increasing oil recovery and development speed. p. 22.
- Hagov, M. S., Kuz'michev, D. M. - Relation of the compressibility of rocks to the loads affecting them. p. 24.
- Arnstavov, B. R. - Oil flow in flooded formations. p. 29.
- Bagopol'skii, A. O., Matveenko, L. M. - Thermal stresses developing during oil recovery by thermal drive. p. 31.
- Sokolovskii, E. V., Kornilenko, L. I. - Calculating pressures in deep flow wells. p. 34.
- Komarov, V. L., Skopov, I. U. F., Nikulin, A. K. - Geophysical studies of operating deep pumping wells. p. 38.
- Kez', A. N., Roste, Z. A. - Investigating regularities in the operation of the URTSN-100-750 centrifugal electric units. p. 41.
- Volkov, I. S., and others. - Analysis of flow sheets for stabilizing petroleum in fields. p. 45.
- Savitskii, V. B., Karns, L. I. U. - Economic evaluation of the effectiveness of the use of current assets in pipelines. p. 49.
- Gubin, V. E., and others. - Distribution of liquid in storage reservoirs taking into account the time for the operation of shut-off devices. p. 51.

ORGAN OF GEOSURVEILLANCE COMMITTEE OF THE MINISTRY OF PETROLEUM AND MINERAL RESOURCES OF THE U.S.S.R. [State Committee for Petroleum Production. Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 48, no. 5, May 1968.

- Table of contents translated:
- Levin, S. M. - New system of planning and economic stimulation in operation. p. 1.
- Bragin, V. A., Volk, A. I., Kushchikov, N. I. - Some problems of deep drilling. p. 6.
- Oshov, K. G. - A. e. turbine drive for drilling rigs. p. 13.
- Khabibullin, I. A., Khtebnikov, N. V. - Wearing off of drill pipes in turbodrilling. p. 18.
- Aleksandrov, M. A., Konstantinov, L. P., Patil, P. A. - Ways for improving the organization of work in core recovery. p. 20.
- Gabrielian, A. G., and others. - Technology of tapping and formation testing in the terrigenous Devonian of the Lower Volga Valley. p. 22.
- Vasil'evskii, V. N. - Field method for determining current oil saturation of productive formations in water-oil displacement. p. 26.
- Klochko, I. P., Denisenko, N. G. - Characteristics of the development of the P-1 horizon in the Lelyaki oil field. p. 29.
- Bagirov, M. A. - Calculating heating of a well bottom zone during the extraction of liquid from it. p. 31.
- Nazarov, I. V., Patil, P. A. - Safety of casing during the use of thermal recovery methods. p. 36.
- Trobin, G. F., Kapryn, I. U. V. - Temperature changes in the bottom zone of deep wells. p. 38.
- Filarevskii, V. U. - Problems of preliminary refining of petroleum in the fields of Western Siberia. p. 41.
- Sullarov, B. I., and others. - Measures for the prevention of paraffin troubles in the production and transportation of petroleum in the Sangaciy-Mure and Duvanny-More fields. p. 44.
- Guzhov, A. I., Medvedev, V. F. - Critical flow of gas-oil mixtures through a flow beam. p. 47.
- Tugunov, P. I. - Determining the optimum thickness of thermal insulation for pipelines. p. 52.
- Abuzova, F. F., Abramson, L. S. - Approximate method for calculating the distribution of pressure in a pipeline containing condensed petroleum. p. 55.
- Gorokov, G. S., Patil, P. A. - Indices of diamond drilling in the United States during the years 1960 - 1965. p. 57.
- Hornes, J., Simon, S., Ori, V. - Experience in forced recovery in the oil fields of Hungary. p. 59.
- Garanina, E. - Fifth session of the scientific and technical society. p. 63.

ORGAN OF GEOSURVEILLANCE COMMITTEE OF THE MINISTRY OF PETROLEUM AND MINERAL RESOURCES OF THE U.S.S.R. [State Committee for Petroleum Production. Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 48, no. 5, May 1968.

- Table of contents translated:
- Levin, S. M. - New system of planning and economic stimulation in operation. p. 1.
- Bragin, V. A., Volk, A. I., Kushchikov, N. I. - Some problems of deep drilling. p. 6.
- Oshov, K. G. - A. e. turbine drive for drilling rigs. p. 13.
- Khabibullin, I. A., Khtebnikov, N. V. - Wearing off of drill pipes in turbodrilling. p. 18.
- Aleksandrov, M. A., Konstantinov, L. P., Patil, P. A. - Ways for improving the organization of work in core recovery. p. 20.
- Gabrielian, A. G., and others. - Technology of tapping and formation testing in the terrigenous Devonian of the Lower Volga Valley. p. 22.
- Vasil'evskii, V. N. - Field method for determining current oil saturation of productive formations in water-oil displacement. p. 26.
- Klochko, I. P., Denisenko, N. G. - Characteristics of the development of the P-1 horizon in the Lelyaki oil field. p. 29.
- Bagirov, M. A. - Calculating heating of a well bottom zone during the extraction of liquid from it. p. 31.
- Nazarov, I. V., Patil, P. A. - Safety of casing during the use of thermal recovery methods. p. 36.
- Trobin, G. F., Kapryn, I. U. V. - Temperature changes in the bottom zone of deep wells. p. 38.
- Filarevskii, V. U. - Problems of preliminary refining of petroleum in the fields of Western Siberia. p. 41.
- Sullarov, B. I., and others. - Measures for the prevention of paraffin troubles in the production and transportation of petroleum in the Sangaciy-Mure and Duvanny-More fields. p. 44.
- Guzhov, A. I., Medvedev, V. F. - Critical flow of gas-oil mixtures through a flow beam. p. 47.
- Tugunov, P. I. - Determining the optimum thickness of thermal insulation for pipelines. p. 52.
- Abuzova, F. F., Abramson, L. S. - Approximate method for calculating the distribution of pressure in a pipeline containing condensed petroleum. p. 55.
- Gorokov, G. S., Patil, P. A. - Indices of diamond drilling in the United States during the years 1960 - 1965. p. 57.
- Hornes, J., Simon, S., Ori, V. - Experience in forced recovery in the oil fields of Hungary. p. 59.
- Garanina, E. - Fifth session of the scientific and technical society. p. 63.

ORGAN OF GEOSURVEILLANCE COMMITTEE OF THE MINISTRY OF PETROLEUM AND MINERAL RESOURCES OF THE U.S.S.R. [State Committee for Petroleum Production. Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 48, no. 5, May 1968.

- Table of contents translated:
- Levin, S. M. - New system of planning and economic stimulation in operation. p. 1.
- Bragin, V. A., Volk, A. I., Kushchikov, N. I. - Some problems of deep drilling. p. 6.
- Oshov, K. G. - A. e. turbine drive for drilling rigs. p. 13.
- Khabibullin, I. A., Khtebnikov, N. V. - Wearing off of drill pipes in turbodrilling. p. 18.
- Aleksandrov, M. A., Konstantinov, L. P., Patil, P. A. - Ways for improving the organization of work in core recovery. p. 20.
- Gabrielian, A. G., and others. - Technology of tapping and formation testing in the terrigenous Devonian of the Lower Volga Valley. p. 22.
- Vasil'evskii, V. N. - Field method for determining current oil saturation of productive formations in water-oil displacement. p. 26.
- Klochko, I. P., Denisenko, N. G. - Characteristics of the development of the P-1 horizon in the Lelyaki oil field. p. 29.
- Bagirov, M. A. - Calculating heating of a well bottom zone during the extraction of liquid from it. p. 31.
- Nazarov, I. V., Patil, P. A. - Safety of casing during the use of thermal recovery methods. p. 36.
- Trobin, G. F., Kapryn, I. U. V. - Temperature changes in the bottom zone of deep wells. p. 38.
- Filarevskii, V. U. - Problems of preliminary refining of petroleum in the fields of Western Siberia. p. 41.
- Sullarov, B. I., and others. - Measures for the prevention of paraffin troubles in the production and transportation of petroleum in the Sangaciy-Mure and Duvanny-More fields. p. 44.
- Guzhov, A. I., Medvedev, V. F. - Critical flow of gas-oil mixtures through a flow beam. p. 47.
- Tugunov, P. I. - Determining the optimum thickness of thermal insulation for pipelines. p. 52.
- Abuzova, F. F., Abramson, L. S. - Approximate method for calculating the distribution of pressure in a pipeline containing condensed petroleum. p. 55.
- Gorokov, G. S., Patil, P. A. - Indices of diamond drilling in the United States during the years 1960 - 1965. p. 57.
- Hornes, J., Simon, S., Ori, V. - Experience in forced recovery in the oil fields of Hungary. p. 59.
- Garanina, E. - Fifth session of the scientific and technical society. p. 63.

ORGAN OF GEOSURVEILLANCE COMMITTEE OF THE MINISTRY OF PETROLEUM AND MINERAL RESOURCES OF THE U.S.S.R. [State Committee for Petroleum Production. Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 48, no. 6, June 1968.

- Table of contents translated:
- Levin, S. M. - New system of planning and economic stimulation in operation. p. 1.
- Bragin, V. A., Volk, A. I., Kushchikov, N. I. - Some problems of deep drilling. p. 6.
- Oshov, K. G. - A. e. turbine drive for drilling rigs. p. 13.
- Khabibullin, I. A., Khtebnikov, N. V. - Wearing off of drill pipes in turbodrilling. p. 18.
- Aleksandrov, M. A., Konstantinov, L. P., Patil, P. A. - Ways for improving the organization of work in core recovery. p. 20.
- Gabrielian, A. G., and others. - Technology of tapping and formation testing in the terrigenous Devonian of the Lower Volga Valley. p. 22.
- Vasil'evskii, V. N. - Field method for determining current oil saturation of productive formations in water-oil displacement. p. 26.
- Klochko, I. P., Denisenko, N. G. - Characteristics of the development of the P-1 horizon in the Lelyaki oil field. p. 29.
- Bagirov, M. A. - Calculating heating of a well bottom zone during the extraction of liquid from it. p. 31.
- Nazarov, I. V., Patil, P. A. - Safety of casing during the use of thermal recovery methods. p. 36.
- Trobin, G. F., Kapryn, I. U. V. - Temperature changes in the bottom zone of deep wells. p. 38.
- Filarevskii, V. U. - Problems of preliminary refining of petroleum in the fields of Western Siberia. p. 41.
- Sullarov, B. I., and others. - Measures for the prevention of paraffin troubles in the production and transportation of petroleum in the Sangaciy-Mure and Duvanny-More fields. p. 44.
- Guzhov, A. I., Medvedev, V. F. - Critical flow of gas-oil mixtures through a flow beam. p. 47.
- Tugunov, P. I. - Determining the optimum thickness of thermal insulation for pipelines. p. 52.
- Abuzova, F. F., Abramson, L. S. - Approximate method for calculating the distribution of pressure in a pipeline containing condensed petroleum. p. 55.
- Gorokov, G. S., Patil, P. A. - Indices of diamond drilling in the United States during the years 1960 - 1965. p. 57.
- Hornes, J., Simon, S., Ori, V. - Experience in forced recovery in the oil fields of Hungary. p. 59.
- Garanina, E. - Fifth session of the scientific and technical society. p. 63.

- of ore deposits. p. 29.
- Stepanov, V. P., Shkhanukova, D. G. - Interpretation of magnetic and gravitational anomalies using the "Ural-1" electronic calculator. p. 36.
- Rial, N. S., Tsirol', V. S., Frankov, G. S. - Semi-automatic device for processing aerogeophysical diagrams. p. 40.
- Kentplarshev, A. A. - Prognosis of the regime of underground waters by the method of regression. p. 49.
- Krashev, B. V., Shakhimov, P. I., Stepanov, A. R. - Use of wireless drilling in prospecting for ore deposits. p. 52.
- Selitskiy, R. S. - Using the method of the natural electric field in prospecting for sulfide ore deposits. p. 53.
- Cavrilko, V. M., Alekseev, V. S. - Some results of opening well filters by mining. p. 55.
- Skrjabin, V. I., and others. - Piece-rate pay in deep prospecting. p. 58.
- Gret, E. M. - Device for the orientation of core. p. 62.
- Verashnin, I. U. I. - Effect of the quality of diamonds on the working capacity of small-diamond bits. p. 65.
- Ropin, I. K., Karlova, I. N. - Volga-Don Geological Research Institute staffed with volunteers. p. 58.
- Akimov, A. M., Bor'kov, A. K. - Activities of social organizations in the Krivoy Rog Trust. p. 59.
- Consultation on problems of wages. p. 61.
- Ingarsen, Zh., Cherepovskiy, V. F. - Some problems in the development of the coal industry in Mongolia and its prospects. p. 62.
- Vol. 32, no. 16, Oct. 1966.
- Table of contents translated:
- Zelertsov, N. M., Menchinskii, V. V., Shekurbakov, B. D. - Basic results of geological prospecting for ferrous metals in the seven-year plan and problems in the development of the ore supply center of the iron industry in 1966-1970. p. 1.
- Izakovskiy, V. I. - Methodology of prospecting for equilibrium gold ore deposits. p. 8.
- Shestakov, I. U. G. - Geological and geochemical evaluation of magnetic anomalies. p. 15.
- Robonen, V. I. - Oxygen as an indicator in prospecting for ores. p. 20.
- Danekikh, V. V., Nikolaev, V. P., Stan'ev, V. N. - Interrelationship of geological surveying and prospecting for minerals. p. 23.
- Blazhkov, V. I. - Method of controlling mudding-off of hydrogeological wells. p. 32.
- Nashkatov, D. N., Olovskiy, I. U. A., Blazhkov, V. I. - Method of controlling mudding-off of wells drilled for water. p. 36.
- Svirskiy, M. A., Zdukhov, A. S. - Minimal commercial reserves of metal in small isolated ore bodies. p. 38.
- Anchevskiy, E. V., and others. - Determination of phosphorus content by the method of spectrophotometric gamma logging. p. 40.
- Zhovago, V. S. - Prospects for utilization of thermal underground waters in Kazakhstan. p. 44.
- Lerman, S. N. - Lining of artesian wells with polyethylene tubes. p. 50.
- Katashnikov, I. U. A. - Using methods of hole geophysics for the evaluation of prospects for complex metal deposits of the Rudnyy Altai. p. 51.
- Zibanova, K. I., Zibakov, S. F. - Furnace for the calculation of biogeochemical samples. p. 54.
- Poplavskiy, Z. A., Stepanov, L. N. - Practice of the work of the Prospecting Committee of the Vorontsovka Geological Prospecting Team. p. 55.
- Romanyuk, V. K. - Competition for "The best geological organization." p. 57.
- In the President of the Central Committee of the Trade Union of Geological Prospecting Workers. p. 59.
- In memory of Georgiy Vlasovitch Korotkov. p. 61.
- Davil Vol'kovskiy Shil'm; obituary. p. 62.
- Vol. 32, no. 12, Dec. 1966.
- Table of contents translated:
- Kruchkov, A. S., Popov, V. V. - Basic results of prospecting for nonferrous and rare metals in the seven-year plan and problems in the current five-year plan. p. 1.
- Villucov, P. V. - Basic problems in the study of the nickel potential of the Voronezh Crystalline Massif. p. 6.
- Kudryeva, V. A., Solov'yova, G. P. - Using geochemical methods of prospecting for mica-bearing pegmatites by primary dispersion halos. p. 11.
- Garkovets, V. G. - Prospecting for surface ore deposits. p. 17.
- Gal'perov, G. V. - Practice in the geological interpretation of aerophotographs. p. 20.
- Iasov, V. G. - Means for the further increase of the productivity of the hydraulic impact drilling of exploratory boreholes. p. 23.
- Volkov, S. A., Rafenko, I. I. - New methodology of the development of plugging mixtures on the basis of synthetic resins. p. 26.
- Bulnev, I. B. - Increasing the reliability of borehole testing in core drilling. p. 29.
- Vinogradov, A. M. - Role of geophysical studies during geological surveying in the Southern Urals. p. 34.
- Dmitrovskiy, V. I., and others. - Conditions of water supply for oil fields on the Mangyshlak Peninsula. p. 38.
- Chibrikov, N. P., Milas, A. V. - Spectral analysis for reducing the number of auriferous samples. p. 44.
- Kaskarov, I. F., Polkanov, I. U. A. - Determination of chromo-spinellite in alloys and concentrates. p. 46.
- Voroshnin, I. U. I. - Drilling a deep hole with diamond bits in the Urals. p. 47.
- Konovoy, V. A., Chirkunov, B. R. - Increasing the accuracy of the orientation of a controlling wedge by means of an electric indicator. p. 48.
- Nikolov, V. G. - Accelerated method for partitioning with rubber drill pipes. p. 49.
- Khesin, B. E., Nuykova, O. V. - Characteristics of geophysical studies with gently sloping magnetic deposits. p. 50.
- Cherednik, P. E. - Improve the organizational work of trade-union committees. p. 52.
- Consultation on problems of maintaining length-of-service rates in regions of the Far East and in other equal localities. p. 55.
- Kalis, D. M. - International symposium in the Netherlands on the problem "Water in the zone of aeration." p. 58.
- Ivan Semenovitch Burdugov; obituary. p. 58.
- Vol. 34, no. 5, May 1968.
- Table of contents translated:
- Mrozovskiy, M. - Basic results of the activity of the State Geological Services of Poland, from 1952 to 1967. p. 1.
- Grilevskiy, L. S. - New beryllium-bearing formation. p. 3.
- Ivanov, V. A., Batalin, I. U. A., Shevchuk, I. I. - Prospecting for natural soda. p. 6.
- Dolizko, D. P., Pankulala, V. V. - Methods of compiling registration-evaluation charts of ore-bearing territories. p. 8.
- Komov, I. L., and others. - Interconnection between geological surveying and prospecting for mineral deposits; continued discussion of N. A. Bukhovec's article in No. 2, 1966, of "Razvedka i okhrana nefti." p. 13.
- Solov'yov, N. N., Evliokhin, I. U. A. - Methods of determining the minimum content of commercial and waste rock ore. p. 16.
- Rozent'ov, I. A. A. - Methods of calculating and composing technical samples of rubble, gravel, and sand from a multilayer strata. p. 21.
- Ignatov, V. I., Volkov, A. S. - Economic grounds for the selection of the type of rock drilling bits. p. 26.
- Lovin, Z. A., Safronov, V. I., Soloznev, G. I. - Indexing of diamond bits. p. 29.
- Orebnitskiy, A. A. - Once more about the performance of oilfield core rigs. p. 30.
- Likupov, V. S. - Determining the type of geoelectric section of frozen strata with the help of an electronic computer. p. 31.
- Monastyrskiy, L. A. - Determining the rated seepage coefficient in calculating the operational availability of water intakes on banks. p. 35.
- Fedenko, N. V. - Artificial replenishment of the underground water supply in Tula and Orel Provinces. p. 40.
- Rivkina, V. A., Alayev, A. I. A., Gutkin, E. S. - Work organization in the Governmental Complex Geological Prospecting Expedition. p. 41.
- Novikov, G. P., Chelkalkin, A. T. - Efficiency of diamond drilling in conditions of the Kiselevsk coal deposit in Kuznetsk Basin. p. 42.
- Pilud, A. A., Irosheko, V. A., Mochalov, O. A. - Causes of drill pipe breakdown. p. 47.
- Annun'ev, G. P., Khlopuk, B. M. - Spring-actuated hydraulic chucks for ZIF-650A and ZIF-1200A boring machines. p. 50.
- Bakirov, Kh. Kh., Iltipin, V. A. - Studying filter columns by the method of borehole photography. p. 53.
- Stepkov, S. A. - Isolating zones of crush by geophysical methods in coal exploration boreholes in the Kuznetsk Basin. p. 55.
- Vershinin, A. S. - Changes of radioactive equilibrium between uranium and radium in underground waters. p. 58.
- Ryuchenko, O. A. - Social competition in organizations of the Northwestern Territorial Trade Union Committee. p. 61.
- Kirikhin, I. I. - Constant development of physical education in geological prospecting organization teams. p. 61.
- Consultation on problems of labor and wages. p. 63.
- IZVESHCHENIYA GEOPHIZIKA (PROSPECTING GEOPHYSICS). Issued by Vsesoyuznyi nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki i Treit Geofizicheskoye razvedki (All-Union Scientific Research Institute of Geophysical Methods of Prospecting and the Geofizicheskoye razvedki Trust). Moscow, no. 28, 1968.
- Table of contents translated:
- Dolikhin, P. A., and others. - Methodology and results of regional seismic operations in the northeastern framework of the Chapman Lowland. p. 3.
- Shchelchenko, L. B., Mushin, I. A. - Criteria for separating basement surfaces based on the materials of the controlled directional sensitivity method. p. 14.
- Vartanov, S. P., Vekilov, E. Kh., Nikolova, E. I. A. - Use of overlapping groups of seismic detectors at sea. p. 24.
- Gal'perin, E. I., Frolova, A. V. - Method for processing spatial soundings by alternating reflected waves. p. 29.
- Vol. 31, no. 8, Aug. 1965.
- Table of contents translated:
- Obyedkikh, A. M. - Tungsten-bearing molybdenites and reclassification epochs. p. 1.
- Geytlik, M. L. - Evaluation of resources for the production of fluxed iron ore pellets in the Dnieper Valley. p. 7.
- Solov'yov, A. P. - Spectrum analysis in geochemical prospecting. p. 11.
- Pel'mov, V. A. - Methods for the graphite representation of borehole shafts. p. 17.
- Pavlovskiy, L. G., Khovov, V. A., Antonov, L. N. - Ways for increasing efficiency in geological prospecting districts. p. 22.
- Konoplyarshev, M. A., Nikonov, S. R., Prilukhin, A. A. - Combined prospecting in eastern Kazakhstan. p. 30.
- Poshekhonov, E. F., Zolenskii, L. V. - Secondary dispersion halos of radioactive elements in loose-like rocks. p. 52.
- Araolazko, V. A., Golubov, S. Kh. - Ways of limiting wear-out of adamantite drill bits. p. 55.
- Tierin, I. I. - Use of core-drilling rigs in prospecting for placer deposits. p. 58.
- Belinskii, I. P., Smirnov, A. I. - Participation of the committees of the trade union of research institutes in the development of thematic plans of research activities and the control for their fulfillment. p. 59.
- Consultation on problems of wages and labor legislation. p. 61.
- Vershinin, I. U. I. - Results of drilling with small-diamond bits reinforced with ovalized diamonds. p. 28.
- Bukreev, P. I. - Coreless drilling, basic reserves for further increase of the efficiency of drilling. p. 31.
- Protection of mineral deposits from underground waters by means of a barrier against seepage. p. 34.
- Rodionov, P. F., Kuzovchenko, I. I. - Methodology of the correlation of ore elements in studies by the method of a charged body. p. 39.
- Kalis, D. M. - Hydrogeological regionalization of the southern part of the arid zone of the U.S.S.R. for purposes of the utilization of soils. p. 43.
- Vol. 32, no. 6, June 1966.
- Table of contents translated:
- Kosov, I. M., Minashkin, M. A. - New principles in planning geological prospecting. p. 1.
- Mitreev, I. K. - Results of activity of the Permanent Commission of the Main Economic Assistance Council. p. 6.
- Codarcen, Alexandru. - Geological prospecting in the Socialist Republic of Rumania. p. 10.
- Koshman, P. N., Ugar, T. A. - Bottom sampling in prospecting for gold ore deposits. p. 14.
- Krylov, G. V. - Most important problem of geological science. p. 17.
- Interrelationship of geological surveying and prospecting for mineral deposits. p. 18.
- Kud'la, V. A., Khmar, M. I., Shorokhov, M. I. - Drilling of deep horizontal holes by rigs of the ZIF type with diamond bits. p. 24.
- Talabakov, N. T., Uvakov, A. B. - Use of hydraulic strikers for shot drilling. p. 31.
- Bykhov, N. A. - Principles of the economic evaluation of deposits and efficiency of geological prospecting. p. 34.
- Voroshilov, N. A., Sochevannov, N. N. - Prospecting for mineralization zones by alteration of the magnetic susceptibility of rocks and minerals at heating. p. 40.
- Mirzaev, S. Sh. - Evaluation of the probability of water intakes of artesian waters used for irrigation. p. 48.
- Sergeev, O. P. - Comparative results of diamond drilling in solid rocks. p. 63.

Yakovlev, I. A. - Possibility of simultaneous use of longitudinal and alternating waves in the interpretation of seismic materials. p. 34.

Sokolov, A. F. - Graph paper for reducing times in the vertical in processing seismic data of homogeneous media. p. 39.

Fedorova, D. P., Averbukh, A. G. - Results of the use of complex electric prospecting when applying the method of sounding by establishing electromagnetic fields and seismic prospecting by refraction correlation method in studying convergent zones of basements of various age. p. 41.

Fedorov, I. U. M., Nar'ishina, D. A., Chernozemova, V. G. - Problems of development and use of magnetic pickups with liquid damping. p. 51.

Dudarov, V. G., Evdokimov, I. U. S. - Results of the calibration of GAK-type broadband gravimeters using the inclination method. p. 56.

Zhilin, I. U. A. - Analyzing meteorological factors in mountainous regions. p. 62.

Davtyan, M. S., Rabbatov, I. U. K. - Thermobarometric temperature compensation in gravimeters. p. 69.

Osipov, I. U. M. - Selecting optimum design for the compensation of inductive disturbances. p. 77.

Avchian, G. M., Malveenkov, A. A., Stetskevich, Z. B. - Effect of normal pressure on physical properties of sandstones. p. 82.

Omes', S. P., Mikhailin, A. S. - Methodology of reducing diagrams of neutron gamma logging to a single condition. p. 93.

Nemykin, A. K. - Effect of surface conductivity on electric resistance of rocks. p. 101.

Gaitalova, V. P. - Method for determining absorption coefficient of elastic waves in rock samples. p. 110.

RUSSIA (623- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshego uchebnykh zavedeni: nef' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning: Petroleum and Gas]. Moscow, vol. 11, no. 1, 1968.

Table of contents translated:
Zabartinski, P. P., Plotnikov, N. A. - Sloping water-oil contacts in Upper Cretaceous oil pools in the eastern part of the northern slope of the Caucasus. p. 5.

Grigor'ev, S. N. - Effect of the grading factor of a reservoir on its capacity characteristics. p. 9.

Iatyshev, V. K., Kopylov, V. E., Trubno, A. N. - Experimental diamond drilling in Western Siberia. p. 12.

Elianskii, M. N., Rulman, A. M. - Solving the problems of separating formations into oil- and water-bearing layers by the multidimensional regression analysis: as exemplified by sediments of productive strata in the Kyurovdag field. p. 13.

Buziat-Zade, Z. A., Khalilov, Ch. A., Gasanov, A. N. - Recent eruptions of a mud (gas-oil) volcano on the island of Bula. p. 17.

El'darov, T. R. - Approximate solution of the problem of nonstationary flow of a viscoplastic fluid in a circular cylindrical pipe. p. 21.

Deviatko, L. I., Kolesnikov, N. A. - Effect of an axial load on the mechanism and volume of disintegrated rock in drilling with cone bits. p. 28.

Mel'nikhenko, D. L. - Determining dynamic loads in a drilling line. p. 29.

Akhmedov, B. M., Khasaev, I. M., Aliev, S. M. - Determining necessary flow rate of air in well drilling. p. 31.

Ismat-Zade, Sh. M., Talrov, A. D. - Viscosity of metaxylene depending on the temperature and pressure (275° C and 400 bar). p. 34.

Mukminov, R. A. - Influx into a well in a nonuniform oil reservoir. p. 35.

Nazarov, S. N. - Effects of the interaction of fields confined in a single water-drive reservoir system. p. 39.

Saltanova, N. A., Aliev, D. A., Gushman, L. A. - On coke production. p. 43.

Saltar-Zade, I. S., Shakhverdov, I. A., Kh., Saltar-Zade, A. Dz. - Studying the optical activity of petroleum of the Naftalan field. p. 47.

Vsemitinov, E. V., Zikov, D. D., Astakhov, V. I. - Analytical approximation of the curve of distribution of a continuous mixture. p. 49.

Ol'sak, V. D., Asaturian, A. Sh. - Thermal conductivity of a body of heterogeneous semi-confined mass when transmitting heat from a pipe. p. 55.

Abul'atov, U. B., Nakaznina, L. G. - Nonsteady fluid flow in fractured reservoirs under linear and non-linear laws of filtration. p. 58.

Gurbanov, R. S., Makhmudov, H. N. - Sterilizing pressure changes in a bubble-pool viscoplastic medium in a closed system. p. 63.

Zhdanov, I. A. - Experimental study of the mutual effect of turns in the flow of viscous fluids. p. 87.

Mal'gurov, E. N. - Design of a circular gas-gathering (gas-distributing) collector using a minimum of metal. p. 70.

Akset'rod, S. M., Danevich, V. I. - Effect of the location of a transmitter in a well on results of measurements in nuclear-magnetic logging. p. 75.

... of the flow of claims for oil well repairs.

Maslafev, A. M., Gushman, B. M. - Effect of inlet pressure on the efficiency of a hydrocyclone and the degree of purification. p. 85.

Brikharov, B. K., Motov, V. V. - Effect of vibration on the coverage error of the weight of a drilling tool in the pull of a drilling line. p. 89.

Nesterov, P. P., Pochlovenko, I. U. E. - Kinematics and dynamics of rig drilling lines in multilayer spooling. p. 94.

Laryov, M. Z., Tishchenko, V. E. - Determining the optimum quantity of casing supplies. p. 99.

Petrovskan, K. TS. - Beginning of electric logging in Azerbaijan. p. 102.

Andreev, D. IA., Lopatina, S. G. - Optimization of the production of aromatic hydrocarbons. p. 103.

Mahmudov, H., Pelz, H. - Scientific and technical relations between the petroleum workers of the U.S.S.R. and the German Democratic Republic. p. 107.

Iudin, V. P., Sidiarskii, L. D., Emchuk, B. D. - Use of higher fatty alcohols as anti-foaming agents in well drilling. p. 109.

Vol. 11, no. 1, 1968

Table of contents translated:

Krems, A. IA. - Lenin's legacy. p. 3.

Lashman, N. I. - Communist voluntary work on Saturdays in the petroleum industry. p. 5.

Portcov, I. U. - Ukhla geophysical abroad. p. 6.

Bragina, L. P., Kuligin, A. A. - Evaluating the joining of rocks on the basis of micrologging data. p. 7.

Maslafev, I. S., Bezmanov, V. G. - Downwarping of the basin bottom and oscillating movements during the Lower Cretaceous in the Khilzin syncline. p. 11.

Grebennikov, A. I., Sarafanov, A. I., Remizov, I. A. - Evaluating the quality of laterologs. p. 18.

Gailzade, M. F., Sushun, L. IA., Zel'manovich, G. M. - Determining the angle of drill-pipe twist in a spatially crooked well. p. 19.

Badalov, R. A., Makhmudov, S. A. - Distribution of load on the supporting elements of a three-roller drill. p. 24.

Protopopov, N. P. - Complex loads affecting aluminum drill pipes. p. 29.

Aleksandrov, M. M. - Character of the rotation of a drill pipe. p. 33.

Kolman, S. R., and others. - Analyzing the data of the exploitation of oil rings of gas condensate pools in the Agsheron-Poolman region; pool in the VII horizons of the Kurand field. p. 37.

Sidharova, D. D. - Temperature field of an oil reservoir in the presence of forced convection and a moving seat of combustion. p. 43.

Indian petroleum. p. 48.

Gurbanov, R. S. - Determining oil recovery of formations containing resinous petroleum. p. 47.

Marav'ev, I. M., Borzhatov, G. Z. - Experimental study of the effect of gas on the formation of water-oil emulsions. p. 49.

Rolozov, P. A., Chekhov, O. S., Bolarschuk, P. G. - Studying the kinetics of mass transfer in films with two phase-contact areas. p. 53.

Bulovich, N. A. - Using the method of gas-liquid chromatography for studying the composition of 62-105° C fractions from the shock for platforming and platforming catalysis. p. 58.

Gusova, A. N., LeVuran, I. E. - Structure of solid petroleum hydrocarbons developing on carbamite complexes. p. 61.

Abdul-Khalim, Ilustanov, M. I., Aliev, V. S. - Effect of the size of catalyst particles on the indices of the catalytic refining of cracked gasolines in the fluidized bed of an aluminum silicate catalyst. p. 66.

Alekseev, V. P., Adamov, S. M. - Effect of additives, obtained from the by-products of petroleum refining, on the performance of a high-speed diesel engine. p. 69.

Sadykhov, A. M., Rafibelli, N. M. - Effect of inert gases on physicochemical properties of gas-oil systems. p. 73.

Bolita, I. G. - Use of analog computers in solving certain problems of the theory of nonstationary filtration with moving boundary. p. 77.

Bondarchuk, I. V., Baranovsk, V. P. - Method for studying the oxidation stability of oils and effectiveness of inhibitors. p. 82.

Mokhtev, V. M., Melikov, M. A. - Heat exchange in a separate flow of viscous fluids between two parallel plates. p. 83.

Berezin, V. L., Maslov, L. S. - Effect of a longitudinal slope on the stressed state of a pipeline during repair. p. 89.

Atsev, R. E., Fridman, M. E. - Error in measuring well azimuth during electric drilling when using the system of two cables and a pipe. p. 93.

Fleishman, M. IA. - Automated d. c. drive for pumping units of the installation of subsurface pumps. p. 97.

Kevorkian, N. O. - Study of diaphragm-type mixers. p. 100.

... for a nuclear-magnetic logging
Taran, V. D., Sidorov, A. P., Silya
... a magnetically controlled ar
Kopylov, V. E. - Same trends in
... the equipment for the diamond drill
wells. p. 109.
Sour, G. E. - Cost of the constructi
wells. p. 113.

RUSSIA (623- U.S.S.R.) Ministerstvo
srednego spetsial'nogo obrazovaniya
uchebnykh zavedeni: nef' i gaz [Ministry of Higher
and Secondary Specialized Education. Bulletin of
the Institutions of Higher Learning: Petroleum and
Gas]. Moscow, vol. 11, no. 1, 1968.

Table of contents translated:
Tikhomirov, S. V. - Main problems
p. 3.

Savvinova, I. S. - Boundaries of
Carboniferous in Latvia. p. 22.

Zubareva, I. I. - Accessory min
of the Dzhdla and Gulzhir intrus
oro region. p. 31.

Grogovich, V. V. - Some new dat
the Fagalin-Urukaki massifs (N
p. 42.

Romanovich, I. F. - Postmagmatic
to D. S. Kurzhinskii in talk (repor
Zorina, V. A. - Mineralogical stud
and texture of zinc scales and ca
formation. p. 58.

Beakin, S. M., Sierienko, V. M. -
characteristics of the Dayanul gran
place of pegmatites in the proce
p. 65.

Osipovskikh, V. N. - Morphology
for metal metamorphic congl
Smirnov, M. V. - Structural charac
molybdenum stockwork in enstie
p. 82.

Origorenko, N. A. - Effect of fractu
the gas content of works and sedi
coal and gas in the central region
basin. p. 89.

Konarov, I. S., Khatme, N. M. - U
measures of information theory
logy in the evaluation of heteroge
Klimenko, I. A. - Using isotonic a
using the results of hydrogeoco
lions. p. 102.

Zelezni, L. V. - Evaluation of water
based on the Dupuit formula. p. 11
Davylov, I. U. - Considering the
borehole in the interpretation of
gamma-gradiometry. p. 113.

Oralinskii, V. G., Gurbvillakii, G.
of acoustic waves in boreholes. p.
Mironov, I. A. - Magnetic field of a
over an horizontally incoherent
Sidorov, I. U. P. - Solution of direct
electric prospecting using variat
mathematical physics. p. 130.

Brylov, S. A., and others. - Struc
round cross section. p. 143.

Kolobnikov, N. A., Dovlatko, I. I.
layered rocks. p. 150.

Solov'evskan, R. S. - Determining jir
from complex raw materials. p. 15
Miroshnikov, A. S. - Field of molybde
tion of the porphyry-type in Naill
Caucasus. p. 158.

Kotova, M. S., Shentakhi, V. N. - In
and colloidal siliceous acid in do
chry rocks. p. 160.

Mikarov, A. I. - Determining the lo
boniferous and Mesozoic sediment
Coal Basin basin on logging data.

RUSSIA (623- U.S.S.R.) Ministerstvo
srednego spetsial'nogo obrazovaniya
uchebnykh zavedeni: nef' i gaz [Ministry of Higher
and Secondary Specialized Education. Bulletin of
the Institutions of Higher Learning: Petroleum and
Gas]. Moscow, vol. 11, no. 5, 1968.

Table of contents translated:
Grinkovich, G. I., and others. - Ch
conditions of magmatic monsoons
p. 3.

Rafskii, P. I. - Distribution of k
components in magmatic ores of
Shortyn deposits. p. 8.

Titov, V. D. - Method of determini
position of crosshairs for load
cars in a mining area according
of ore transportation. p. 10.

Klokhrtakov, V. S., Sakaitov, D. G.
the accuracy of technical and co
in open-pit mining. p. 15.

Honlar', A. I. - Influence of the str
and the development of new leve
productivity of an open-pit mine.
Tartakovskii, B. N., Gavriluk, I. I.
Parameters for controlling caving
multilayer massifs. p. 25.

Domen'ov, I. V., Kishinich, A. A. B

- Similarities in igneous models in investigating the stressed state of the massif by the photoelasticity method. p. 30.
- Klykov, A. E., Fedotov, A. P. - Determining stresses on a pillar between two workings. p. 35.
- Kazakovskii, D. A., Rudnev, L. N., Prudov, I. A. - Sound ranging method of surveying vertical ore chutes and inaccessible slopes. p. 30.
- Chukan, V. K., Bril', V. A. - Vibrations of borehole apparatus during the sound ranging survey of industrial boreholes and mine shafts. p. 45.
- Lakson, V. I. U. - Stock taking of the weakness plane in calculations connected with the breaking of rock. p. 50.
- Starshov, A. A., Kiril'chuk, S. G. - Influence of the quality and grade of a valuable ore on the proceeds from its sales. p. 53.
- Spirin, V. F. - Order of mining sections of mineral deposits. p. 58.
- Zetzel, K. V., Kiselev, N. A., Isomina, L. A. - Using electronic computers for selecting the optimum capacity of an enterprise. p. 61.
- Kovst', V. T. - Methods of planning labor productivity in mines of the Kirovskiy Ruzh. p. 67.
- Shtarsenko, V. G., Krivchenko, A. M. - Calculation of mine ventilation for pressureless gas emanations. p. 72.
- Levin, M. - Evolution of carbon dioxide from the exposed surface of nitratic layers and enclosing rocks in the eastern Donets Basin. p. 76.
- Volkov, A. A., Olesko, A. A. - Synthesis of the optimum control of atmospheric conditions in installations of mine ventilation systems subjected to random disturbances. p. 78.
- Kaluzov, B. N., Tokar', M. G. - Constant angle of rock wedging. p. 83.
- Kislenko, A. A. - Influence of geometric parameters of a cutting tool on the resistance of frozen ground to cutting. p. 80.
- Margaryan, I. U. T., and others. - Stability of roller bit drills in inclined boring. p. 91.
- Numerov, V. K. - Calculating the state of stress for ring-shaped actuating mechanisms. p. 100.
- Balkonov, O. A., Zharubinskiy, A. A. - Studying the strength of the floor of an apron conveyor for ore transportation. p. 100.
- Velrov, A. P., Molot'ova, L. A. - Increasing the pull capacity of rope pulleys. p. 105.
- Goncharov, N. K., Medvedev, G. A. - Efficiency of the protection of steel hoist ropes against corrosion fatigue with protectors and the zinc plating. p. 109.
- Tarantuk, I. U. G. - Improved solution of the problem of setting mine cages upon cushion foundations. p. 111.
- Kir'k, P. A. - Hoisting dynamics of mine cages with infinite bodies. p. 115.
- Suklik, V. B., Belorostov, L. P. - Wear of pumps at the Kachkanar Mining and Ore Dressing Combine. p. 118.
- Gurskii, Ch. I. U., Maslov, V. P. - Statistical regularities regarding stresses in electric motors of scraper winches. p. 120.
- Lipin, V. M., Matluta, A. N. - Influence of the large-scale blasting on the reliability of electric power supply. p. 125.
- Lernakin, V. P., Sokolnikov, A. A., Polinkov, V. A. - Analyzing optimization conditions of digging processes for single-bucket excavators. p. 128.
- Kosul'tin, G. A., Ingaulinov, G. A., Trop, A. E. - Dynamics of digging mechanisms on dredges with single- and two-unit power supply. p. 133.
- Orelav, V. I., Glavatskii, V. V. - Reliability of the transmission of information in multiplexing mine telephony lines with high-frequency remote control channels. p. 138.
- Sagala, I. M., Mostov, I. M. - Suppressor with aqueous magnetite suspension as object of multiply coupled control. p. 142.
- Kopra, A. I., Kleshina, A. A., Kleshina, G. V. - Influence of the porosity of granular mixtures on the process of their comminution. p. 148.
- Rozhnov, V. E. - Determining the power consumed for the rotation of centrifugal impellers. p. 155.
- Zetzel, K. V. - Scientific conference on the management of mining enterprises. p. 161.
- ENGINTEERING STROITEL'STVO (MINE CONSTRUCTION).** Organ of Gosudarstvennyi komitet Suveta Ministrov SSSR po delam stroitel'stva and Tsentr'nyi pravovoi Natsionalno-ekonomicheskogo gosudarstvennogo SSSR Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific and Technological Mining Society. Moscow, vol. 12, no. 3, Mar. 1968.
- Table of contents translated:
- Shcherba, P. A., Shabelin, V. I. - Air turbocoolers for mine air conditioning in building deep coal mines. p. 1.
- Esart'ov, A. N., and others. - Using sectional reinforced concrete supports in coal mines of the Soviet Union. p. 3.
- Voschit, N. E., and others. - Preventing rock cullures with the aid of stress relieving boreholes. p. 7.
- Nazhizal, A. N., Mitchenko, A. D., Anishechenko, A. A. - Improved diagram for controlling trapezoids. p. 9.
- Svirskii, I. I., Zaslavskii, G. M., Lishbergov, V. D. - New designs for ventilation devices. p. 11.
- Kolenskii, B. P., Guzevskaya, L. I. - Selecting brands of steel for freezing pipes. p. 14.
- Dobkin, I. I., Staritsyn, A. P. - Determining optimum allowances in erecting reinforcements for vertical mine shafts. p. 16.
- Kalacov, E. F., Bogdanov, G. A., Shilkin, P. I. - Continuous machine for installing guide supports. p. 18.
- Vtsov, S. N. - Using the tension method combined with artificial drainage in building the Baku tunnel. p. 21.
- Veretkin, N. I., and others. - Construction of inclined manholes with the aid of PMU-2 loading equipment. p. 25.
- Novosenko, N. A. - Reorganization of coal mines with inclined hoists as an important potentiality for the increase of coal mining. p. 26.
- Muzykantov, S. P., Popov, T. N., Torkhov, A. M. - Scientific technical conference on the improvement of mining machinery and technology in the Kuznetsk Basin. p. 28.
- Sergei Atkarskii Fodorov, obituary. p. 31.
- SOVETSKII SHAKHTER (SOVIET MINER).** Issued by Tsentr'nyi komitet Profsoyuza rabochikh ugod'nik promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 15, no. 12, Dec. 1968.
- Table of contents translated:
- Get to work without sparing any effort! p. 1.
- Karpenko, G. V. - Encouraging start. p. 3.
- Ralyko, V. - Path toward glory. p. 5.
- Shatalov, I. - Luster of the golden star. p. 7.
- Kudryavtsev, L. - Family pride. p. 8.
- Shchegolev, B. - Efforts to control sudden outbursts of coal and gases. p. 9.
- Torgashin, A. - With a contribution to safety. p. 10.
- Ivanov, P. N. - Problem requiring clearance. p. 11.
- Margolin, V. - Through pipes into better fire chambers. p. 13.
- Perakutnov, V. - Concentrating on the main thing. p. 14.
- Gladkov, V., and others. - In the club branches. p. 22.
- Shchegolev, S. - Build towns for the people. p. 25.
- Chaban, D. - Waiting for the meeting of the trade unions. p. 26.
- Usov, N. - Envoys from the island of Hokkaido. p. 27.
- STAL' (STEEL).** Organ of Gosudarstvennyi komitet po chernoi i legkoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 26, no. 3, Mar. 1968.
- Table of contents translated:
- 25th anniversary of the Chelyabinsk Metallurgical Plant. p. 193.
- Bazilevich, S. V., and others. - Investigating sinter disintegration processes. p. 106.
- Kornov, V. K., and others. - Adoption of blast furnace smelting with the use of natural gas at the Nizhny Tagil Metallurgical Combine. p. 109.
- Iakubskii, N. M., Manchinskii, V. G., Pantunin, L. A. - Viscosity and the desulfurization capacity of magnetic blast furnace slags. p. 202.
- Vorobeyev, I. N., Mol'ko, G. N. - New developments in research. p. 208.
- Mirov, D. L., and others. - Possibilities of improving the technology of the blowing of open-hearth furnace baths. p. 208.
- Turkovich, D. I., and others. - Automation of oxygen converter smelting with the use of computers. p. 215.
- Tulnevskii, I. U. N., and others. - Automatic control by the temperature and heat conditions of open-hearth furnaces operating with the use of oxygen. p. 218.
- Palti, G. M., Panichonko, A. G., Dobrokhodov, A. A. - Oxidation of the scrap during the period of charging and heating in open-hearth furnaces. p. 221.
- Kazakov, A. A., and others. - Improving the quality of steel for deep drawing by chemical capping of ingots with aluminum. p. 223.
- Stolov, K. K. - All-Union conference of refractory workers. p. 225.
- Burdakov, B. A., and others. - New developments in research. p. 228.
- Anishechenko, I. L., and others. - Vacuum treatment of ball-bearing steel combined with synthetic slag processing. p. 227.
- Khalilkin, T. V., and others. - Smelting 00Kh18N15M3 low carbon stainless steel in vacuum high-frequency induction furnaces. p. 229.
- Zhukov, D. G., and others. - Smelting 38KhMUA steel in 100-ton electric furnaces. p. 231.
- Khrizik, S. I., and others. - Refining electric steel with synthetic slag obtained from kaolin based on electrically produced corundum. p. 233.
- Voinov, S. G., and others. - Refining steel of different assortments by means of time alumina slag with high content of silicon. p. 234.
- Donskii, I. D., and others. - Improving the quality of ingots in casting stainless steel with exothermic briquettes. p. 230.
- Vorobeyev, I. N., Mol'ko, G. N. - New developments in research. p. 237.
- Botvinov, G. S. - Silicon carbide in calcium silicon. p. 236.
- Gindin, A. Sh., and others. - Certain characteristics of the production of bimetallic sheets. p. 241.
- Botov, I. U. K., and others. - Preparation of diffusion coating applicable to plastic deformation. p. 243.
- Andreyuk, L. V., Gurkov, A. A., Titenov, G. G. - Calculation of steel hardening in tractional deformation. p. 245.
- Polushkin, V. P. - Using electronic computers for the calculation of technological parameters for sheet rolling. p. 247.
- Khorosh, V. A., and others. - Experience in the delivery of rolled products according to theoretical weight along with the method of limit gauges. p. 248.
- Bobrik, A. A., Nikitin, V. I. - Adopting machine starting at metal in the Chelyabinsk Metallurgical Plant. p. 249.
- Anishechenko, M. S. - Mechanized line for continuous grinding of round rolled products. p. 250.
- Gamzakov, S. M., and others. - Influence of hardening conditions on the resistance of working rolls in cold rolling. p. 251.
- Levin, F. I. - Strengthening heat treatment from rolling heat. p. 252.
- Stetsinski, M. F., and others. - Investigating the precision of pipe dimensions on continuous mandrel mills. p. 253.
- Zhordanian, I. S., Goldenberg, A. A. - Improving mechanical properties of pipe metal as a result of improving the technology and automation of production. p. 258.
- Shestakov, I. U. S., Nikitin, A. N. - New developments in research. p. 260.
- Konstantinov, A. I., and others. - Reduction of carbide heterogeneity in R18 steel. p. 261.
- Kalinskii, E. S., and others. - Improving the quality of 17GS steel for large diameter pipes by the method of rolling with synthetic slag in the ladle. p. 264.
- Golovushkin, S. A., and others. - Diffusion processes in the boundary zone of bimetal of the carbon-high chromium stainless steel. p. 268.
- Sinitsin, A. A., Bryzgalova, A. D., Fedosin, M. P. - Casting rolling mill coupling boxes from magnesium cast iron with spherulitic graphite. p. 271.
- Suvornov, V. I. - Work experience of ferrous metallurgy plants under the new conditions. p. 272.
- El'ko, I. N., and others. - Measuring the time of heating and the temperature of metal surface in continuous furnaces. p. 277.
- Filalov, A. D., and others. - Atomization of mazut by natural gas in burners of open-hearth furnaces at the Magnitogorsk Metallurgical Combine. p. 278.
- Kireev, I. N. - Preparation of rod wire for drawing with a prebreaking of scale. p. 281.
- Mirov, S. A. - Technology of the production of nonaging tying wires. p. 282.
- Shayin, V. I. - Increasing the efficiency of dual collecting by turbulent washers; open for discussion. p. 283.
- Panich, O. Z., and others. - Modernization of electric drive of continuously reducing pipe mills. p. 284.
- TRANSPORT I PERENOSIMIE NEFTI I NEFTI PRODUKTO**

Kuznetsov, G. D. - Conference of the metallurgical workers of the system of the Main Administration for the Transportation and Supply of Petroleum and Petroleum Products of the R. S. F. S. R. p. 31.

Socialist obligations of the enterprises and organizations of the Main Administration for the Transportation and Supply of Petroleum and Petroleum Products of the R. S. F. S. R. for the ahead-of-schedule fulfilling of the five-year plan and in marking the centenary of the birth of V. I. Lenin. p. 33.

TSVETNYE METALLY (NONFERROUS METALS). Organ of Ministerstva tsvetnogo metallurgii SSSR and Tsentral'noye nauchno-issledovatel'skoye i sbornicheskoye tsentr metallurgii (Ministry of Nonferrous Metallurgy of the U. S. S. R. and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy). Moscow, vol. 41, no. 2, Feb. 1968.

Table of contents translated:

Kuznetsov, G. D. - Price is a most important instrument for increasing the production quality and technical progress. p. 1.

Shtodolskiy, I. U. N., Ponomarev, B. D. - Theory of processes occurring in centrifugal reactors-separators. p. 4.

Lachko, O. A., Kirova, T. F. - Nature of gold in ores of the Gay and Uchaly deposits. p. 7.

Daryshakov, I. F. - History of the development of gold mining in western Siberia. p. 8.

Kravets, B. A., and others. - Intensifying the dressing of weakly magnetic ores on the ERS-6 separator. p. 12.

Grebnev, A. N., Stepanovskaya, L. K., Nagornaya, E. V. - Effect of composition of the "Novost" powder on the flotation of barite. p. 16.

Strigunov, F. I. - Requirements toward a barite concentrate as raw material for the chemical industry. p. 18.

Livshits, A. K., Glensolskiy, A. V. - Possible forms of existence of dihydrothiosulfate in acid and alkaline aqueous media. p. 19.

Rafunko, A. I. - Optimum speed of filter drum rotation. p. 21.

Kitayev, H. L. - Studying the process of cold granulation of copper concentrates. p. 23.

Golubkov, K. N., Pashnikov, P. A. - Results of testing an experimental deep bath for copper concentration. p. 26.

Korobov, A. V., Sobol', S. I. - Optimal conditions for the process of producing copper powder by the ammonia-sulfate flowsheet. p. 29.

Mikhtuk, D. A. - Improving the technology of purifying a nickel electrolyte. p. 32.

Pashnikov, I. P., Solimanov, V. I., Ilev, V. I. - Changes in the heat content of converter slags during their electrothermal processing. p. 35.

Karnitskiy, S. P., Tschekhanov, L. Sh. - Refining ferro-nickel by the oxygen-blown converter duplex process. p. 38.

Ushakov, K. I., Berlin, Z. L., Pugovkin, V. A. - Kulkola process and the possibility of its application in the U. S. S. R. p. 43.

Itel'son, G. M. - Titanium processing equipment in nonferrous metallurgy. p. 47.

Korobov, M. A., Linko, E. A. - Role of the metal level in heat transfer and its effect on the electrolysis of aluminum. p. 51.

Khrushch, S. I., and others. - Smelting of a primary silicon-aluminum alloy using electrolytically produced corundum and quartzite. p. 54.

Bagayev, A. S. - Properties of aqueous sodium aluminate solutions. p. 58.

Gratseralein, I. M., Sosnovskiy, I. A. Sh. - Potentialities for increasing labor productivity in titanium production. p. 60.

Pashkov, D. P., Zueva, L. A. - Interaction between titanium tetrachloride, metallic copper, and oxygen. p. 63.

Vofalskiy, A. I., Aleksandrovskiy, S. V., Kiselev, V. P. - Retreatment of titanium lumps by the sodium-thermy method through lower chlorides. p. 66.

Grelvor, T. N., and others. - Efficient flowsheet for the retreatment of soda-tellurium slags. p. 69.

Davydov, E. V., Koz'min, I. U. A. - Selenium recovery from eluting desls by electric leaching. p. 71.

Ushina, T. P., Duolatov, S., Sydykov, K. - Sarydzhan tin ore deposit. p. 73.

Chizhov, S. I., Antin, V. I. - Production of zinc felt by the ribbon method. p. 74.

Khorov, M. I., Zay'talov, U. I. - Production of a three-layer strip: nickel-copper-nickel. p. 76.

Kulikov, A. V., Kravchenko, E. M. - Roll stability in the hot rolling of aluminum and its alloys. p. 77.

Tsenter, I. A. M., Ushina, L. A. - Effect of unscheduled impurities on the basic properties of the M150n alloy. p. 78.

Odnokova, L. P., Baakashvili, B. S., Odnokov, N. I. -

Properties of titanium alloys during working. p. 79.

Sviderskaya, Z. A., Kuz'mina, V. I. - Properties of Al-Li alloys. p. 82.

Matkovskiy, R. R. - Connection between the structure of the Al-Mn alloy and the temperature of casting. p. 85.

Golovashko, V. F., Shashov, I. A. P., Sergiyev, L. N. - Effect of the bath structure on mudflow losses. p. 86.

Batova, D. G., Muzhskiy, O. S., Shtrin, V. F. - Effect of phosphorus on the copper recrystallization temperature. p. 87.

Readers are discussing the work of the journal "Tsentye Metallurgii." p. 92.

IGOL' UKRADY (COAL OF THE UKRAINE). Issued by Gosudarstvennyi komitet Sovetskoye Ministroy U.S.S.R. po koordinatsii nauchno-issledovatel'skikh rabot (State Committee of the Council of Ministers of the Ukrainian S. S. R. for the Coordination of Research). Kiev, vol. 12, no. 5, May 1968.

Table of contents translated:

May 1, 1968. p. 1.

8th International Congress on Mineral Dressing. p. 4.

Chesakov, V. I., Isaev, P. N., Kofkin, A. M. - Main trends in the expansion of coal preparation in the Ukraine. p. 5.

Zhorduk, G. V. - At the State Planning, Design and Scientific Research Institute of the Ukraine. p. 5.

Malakhovskiy, N. I. - Temp of the scientific technological progress regarding coal preparation in the Ukraine. p. 11.

Vinok, K. P., Zaitsev, I. F., Sidar, P. T. - Automation of control and management in coal preparation plants. p. 15.

Rakitsky, L. A., K. E., Samoylov, N. A. - Coal preparation by jigging. p. 20.

Nazarenko, V. M., El'tashvich, M. G. - Expanding the use of coal breeze flotation in the Ukraine. p. 24.

El'tashvich, A. T., Pluzhnik, I. V., Sal'tikov, V. E. - Investigating parameters related to the technology of coal briquetting with binders. p. 28.

Shapov, B. I., Sytsela, I. E. - Industrial chemical preparation of brown coals in the Ukraine. p. 30.

Andriyenko, I. P. - The Subbotivskoye Central Coal Preparation Plant is the leading factory. p. 34.

Mel'nikenko, D. A. - The Bryansk Central Coal Preparation Plant striving for profitability. p. 36.

Poltavets, V. V. - Work practices of the Novosilitskiy Central Coal Preparation Plant. p. 37.

Karpov, A. M., Gerasimov, O. S., Rubin, V. R. - Comparative estimate of the systems of mining flat seams of the Donets Basin according to gas factor. p. 40.

Aleksandrov, V. E., and others. - Efficient type of the cut in seams of a complicated geologic structure. p. 43.

Suklov, I. L. - Improving the technology of hydraulic mining at the "Pioneer" hydraulic mine. p. 45.

Gogdan, B. A. - Determining the standard load on the cutter-loader and hammer-miner longwall in steeply pitching seams. p. 47.

Marchuk, I. E., Nolenburg, V. E., Pokras, V. L. - A method of calculating expenses for the development and mining of a series of seams in solving mining analytic problems. p. 49.

Isakov, A. A., Sakalo, L. G., Pushkar, M. S. - Using the "Nedra-10" radio station for underground radio communication. p. 51.

Korobov, A. A. - Powered supports for thin flat seams. p. 51.

At the 5th All-Union Congress of the Scientific and Technological Society of Mining. p. 52.

Shekarskiy, B. M. - Make a wider use of the mechanization of minor processes in the coal industry. p. 54.

VELSOUZNYI NETTEGAZOVYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT, Nauchno-issledovatel'skiy shernik po dobyche neli (ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS, Scientific and Technical Papers on Petroleum Production). Moscow, no. 33, 1968.

Table of contents translated:

Kochetov, M. N. - Methodology of quantitative estimation of the degree of exploration of blocks and sections of pools when calculating oil reserves. p. 3.

Likunin, I. A. - Method for the study of bedding and reservoir properties of productive formations. p. 8.

Samarin, V. N. - Classification of pools containing oil and free gas. p. 10.

Zudakina, E. A. - Determination of recovery factor. p. 15.

Pedotsov, V. K., D'inkov, V. P. - Methodology of calculating reservoir pressure on the basis of water wells. p. 18.

Batshov, B. T., Polikarpova, R. V. - Changes in the ideas about the geological structure of pools de-

termining on the number of drilled wells. p. 20.

Bekasman, A. A., Muzafarov, K. E., Oga V. G. - Effect of oil viscosity on the effect of cyclic stimulation of a nonuniform layer. p. 29.

Ouklov, O. K. - Studying regularities of changes in the porosity and permeability of pools in IV - V horizons of the Akhtyrskoye-Bugay field. p. 34.

Shitkin, L. I., Prontakov, I. T. - Constructing a sheet of oil displacement by high-pressure in the Ozok-Sul field. p. 40.

Bokasman, A. A., Muzafarov, K. E., Oga V. G. - Studying the distribution of saturation of the cyclic stimulation of the formation. p. 44.

Kurbanov, A. K., Ruzenberg, M. D., Ilyus. - Effect of deviations from the thermodynamic equilibrium on the characteristics of dog-eared condensate mixtures. p. 54.

Ogimzhantais, V. G., Saitchikov, P. B. - Molecular diffusion of fluids in a porous medium. p. 59.

Kovalev, P. S., Sorokin, O. T. - Using process flows for calculating the flooding pressure in oil recovery. p. 63.

Filias, N. I. - Experience in determining viscosity of reservoir fluids by the methodology of Ukhritskiy and extending the measuring range of the VVDY-1 viscosimeter. p. 68.

Abusev, M. T., and others. - Displacement of water. p. 70.

Dorisev, I. U. P., and others. - Establishing conditions for the exploitation of a group of wells in a petroleum production area. p. 74.

Kurbanov, I. F., Kurbanov, A. K. - Effect of filling of the flooded part of a pool on the development and the volume of injection. p. 79.

Shutkin, I. D., and others. - Studying flow wells. p. 80.

Lysenko, V. D., Makhar'skiy, R. D. - Effect of well selection in case of seal injection. p. 84.

Valutskiy, A. A., Vyrnyanskiy, N. E. - Using a recognition algorithm for the type of field geophysics data by electronic computers. p. 84.

Sallarov, M. M. - Selecting a method for the location of wells. p. 88.

Dolgin, I. O. - Studying periodic exploitation. p. 103.

Shvetsov, I. A. - Studying oil recovery in non-reservoir models during foam injection.

ZASHCHITA METALLOV (PROTECTION OF METALS). Issued by Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot SSSR (State Committee for the Coordination of Research of the U. S. S. R.). Moscow, vol. 4, no. 2, Mar.-Apr. 1968.

Table of contents translated:

Vengramin, A. T., Tominshova, G. N., Sivo G. F. - Electrodeposition of chromium from solutions of violet and green modification. p. 10.

Vingradov, S. N., Kudryavtsov, N. T. - Electrodeposition of the palladium-nickel alloy. p. 10.

Rtachevskiy, A. V., Gerasimov, A. A. - Coating from polyethylene-polyamide electrolyte. p. 10.

Saranov, E. I., Dubrov, N. K., Mikhovskiy, A. I. - Autocatalytic reduction of copper by formic acid. p. 10.

Galinkov, V. S., Kudrya, O. K., Fedorenko, V. I. - Electrodeposition of tin from a triphosphate electrolyte. p. 107.

Il'ina, L. K., Fortinayev, A. V., Dubrovskiy, V. I. - Cathodic process during phosphating by zinc nitrate. p. 171.

Zomakov, G. V., Sitchenko, L. B. - Chromate of copper. p. 176.

Archakov, I. U. N., and others. - Possibility of arbitrary attainment of the efficiency of a for the protection of metals from gas salt. p. 178.

Fokin, M. N., Timonin, V. A. - Using the method of pulse passivation during the anodic protection of metals. p. 185.

Bryunza, A. P., Fedash, V. P., Solntkova, V. I. - Studying the passivation of titanium in a sulfuric acid with and without the addition of type inhibitors. p. 189.

Tavazda, F. N., and others. - Corrosion resistance of chromium-manganese-nitrogen alloys in organic acids. p. 193.

Aizendel', T. V., and others. - Mechanism of protective action of paint and varnish coatings on iron. p. 195.

Kuzub, V. S., and others. - Determining corrosion and the efficiency of anodic protection of steels in hydroxymethylene sulfate. p. 198.

Grigor'ov, V. P., Kuznetsov, V. V. - Inhibition of pyruilum salts. p. 203.

TSirint, M. S. - Internal oxidation of niobium-titanium alloys. p. 208.

Krushatina, N. A., Rifol', M. A. - Forming sulfide scale on copper. p. 207.

Lobanov, I. E., Shirenzon, A. I., Plankin, V. I. - Stability of polyethylene films on steel.

- Diethylanthracene-potassium persulfate electrolyte. p. 213.
- Gerend, I. E., Elchis, A. P., Dymarskaya, P. I. - Effect of sulfur compounds on the reactivity of ethylenediamine complexes of copper. p. 215.
- Melnik, P. I. - Combined vacuum diffusion coatings of iron. p. 218.
- Golikov, N. S., and others. - Electrolytic regeneration of tin and acid from a phenol-sulfonic tanning electrolyte. p. 221.
- Podobay, N. I., Vasil'ev, V. V. - Kinetics of the dissolution of carbon steel in hydrochloric acid. p. 223.
- Reisman, L. I. - Paint and varnish coatings on a high-polymer base. p. 228.
- ZAVODSKAYA LABORATORIYA (THE FACTORY LABORATORY).** Organ of Gosudarstvennyi komitet po khimii i levelim metallurgii pri Gosplane SSSR and Gosudarstvennyi komitet po koordinatsii nauchnoissledovatel'skikh rabot SSSR (State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R., and the State Committee for the Coordination of Research in the U.S.S.R.). Moscow, vol. 34, no. 2, 1968.
- Table of contents (translated).
- Agaslan, P. K., and others. - Coulometric determination of Se (IV) and Te (IV) using potassium permanganate. p. 129.
- Kopanskaya, L. S., Arzhimov, O. A., Likhov, I. U. S. - Determination of gallium in semiconductor alloys by means of oscillographic pulsedography. p. 132.
- Kreshkov, A. D., Kuznetsov, V. V. - Photometric determination of strontium in barium salts in a mixed solvent. p. 131.
- Elinson, S. V., Savvin, S. B., Mirzaban, N. A. - Photometric determination of microgram amounts of niobium in metals and alloys. p. 136.
- Busev, A. I., Shvalova, N. V. - Complexometric determination of bismuth in the presence of indium. p. 140.
- Fodiman, Z. I., Levin, E. S. - Using impure organic and mixed solvents for the polarographic determination of antimony derivatives. p. 141.
- Zhukhovitskiy, A. A., Kim, S. N., Durneva, M. I. - Chromatographic methods for the determination of the coefficients of diffusion of binary gas mixtures. p. 144.
- Kudrinskaya, N. A., Shesternova, A. I. - Combined method of gas chromatographic quantitative determination of light components in petroleum and gasoline. p. 146.
- Altehoov, V. R., Derozhin, V. G., Tatarskiy, V. S. - Method of detection in liquid chromatography. p. 148.
- Borlaia, D. E., Zhukhovitskiy, A. A., Sazonov, M. I. - Determination of concentration based on catalytic volumes. p. 149.
- Kovtun, V. I., Alorova, I. V., Siling, M. I. - Photometric determination of a substance on paper and thin-layer chromatography. p. 151.
- Balandina, L. A., Shubokha, A. I. - Chromatographic analysis of the products of high-temperature ethylene chlorination. p. 164.
- Dement'eva, M. I., Prokopovskaya, H. A., Alorova, I. V. - Gas chromatographic determination of polycarboxylic acids. p. 164.
- Paukov, V. N., Rudenko, B. A. - Some modifications in the design of the "Khromi-2" chromatograph. p. 155.
- Vitenberg, A. G., Dripov, I. U. V., Tshub'skiy, V. V. - Chromatographic glass columns built in the "TSvet 1-64" chromatograph. p. 159.
- Beasonov, V. A., Zvenigorodskiy, I. U. S. - Device for applying a strip of substance of a plate with a sorbent. p. 157.
- Ospriyov, Kh. K., Sungina, O. A. - Separate determination of cuprite and tenorite in the presence of metallic phase. p. 169.
- Vakhtel', M. I., Chobolayeva, M. M. - Determination of iron by sodium sulfosalicylate. p. 160.
- Altsharin, I. P., and others. - Determination of ultra-small amounts of indium in metallic aluminum by means of anisole potatography with storage. p. 160.
- Dondarenko, B. F. - Evaporation of electrodes in the spectral analysis of metals. p. 161.
- Munk, M. - Effect of excitation parameters on the sensitivity of determination of impurities in high-purity selenium. p. 165.
- Alonin, V. P., Losev, N. F., Shlaginov, A. I. - Optimum variant of grounding of the electrodes of X-ray tube in the X-ray spectral fluorescent analysis of elements with low atomic numbers. p. 168.
- Rokhokhin, G. I., Ivanova, L. I. - X-ray spectral fluorescent analysis of solutions of cerium group rare earth elements. p. 172.
- Vorotnikov, I. A., and others. - Recording of the second derivative of the EPR signal. p. 175.
- Zherdev, A. M., Pelronko, B. I. A. - Water resistance in X-ray spectrograph. p. 177.
- Niklitina, O. I., Ivanova, N. K. - Spectral determination of bismuth and yttrium in steel. p. 179.
- Patlinsk, I. S., and others. - Methods for measuring the thickness of thin films. p. 180.
- Kristovnikov, A. N., Pavlov, V. G., Glazov, V. M. - Method for measuring the thermal conductivity of melts at high temperatures. p. 191.
- Dudarev, I. G. - Determining the relative increase in the number of intercracks in ceramic materials from changes in their thermal conductivity. p. 184.
- Kudrinskaya, V. N., and others. - Quantitative determination of hydrogen in steel. p. 190.
- Plaksha, I. N., Mikhailov, G. I., Starchik, L. P. - Methodology of gamma-ray analysis. p. 199.
- Kuznetsov, G. K., Tsurin, I. N. - Use of ultrasound in measuring the concentration of suspensions. p. 201.
- Kedrin, I. D., Mironchik, V. G. - Method for exposing dislocation structures by electrolytic polishing. p. 203.
- Razdel, F. I., Osetnik, A. A. - Method for the microstructural testing of the bimetal iron-aluminum. p. 204.
- Kozlov, S. P. - Method for studying the structure of cavities in rivets. p. 205.
- Dmitkov, P. P., Khartikov, F. I. A. - Determining the specific weight and porosity of ceramic materials. p. 207.
- Barninskaya, L. N., Pustikov, P. O. - Method for studying diffusion and the formation of intermetallics. p. 208.
- Drozdovskiy, H. A., Markov, V. M. - Studying the kinetics of failure of magnetic steel materials by the method of "ferrography." p. 209.
- Vologodskiy, K. M., Kiselevskiy, I. U. A., Vinogradov, A. A., Dmitrov, H. S. - Materials testing under the simultaneous effect of gradual loading and a temperature increase of up to +250°C. p. 212.
- Shilov, P. M., Gerasimov, A. A., Khoshch, V. I. - Rapid testing of steel specimens for cyclic strength. p. 216.
- Molchanov, L. N. - Effect of the length of the working part of a specimen, during tests with overloading for cyclic hardening. p. 210.
- Gladikh, A. N., Skudnov, V. A., Sokolov, L. D. - Methods of preparing and testing specimens of rare-earth and other metals with special properties. p. 210.
- Zaitsev, G. S., Dacabanov, V. N. - Characteristics of methods and equipment for measuring elasticity constants of graphite by resonance at temperatures of from 20 to 3000°C. p. 222.
- Zolenev, I. U. V., Borodin, I. P. - Resonance method of determining the dynamic characteristics of polymer coatings. p. 224.
- Gerasimovich, B. M. - Method of crack fixation in plastic appliances. p. 229.
- Kolman, A. P., Titaev, A. I. - Determining the strength of joints between layers of clad steel. p. 228.
- Tashkin, A. E. - Determining the elastic modulus of electrolytic iron coatings. p. 230.
- Makovich, K. V., Nagorniy, P. I. - Evaluating fatigue roughness with the help of a profilograph. p. 230.
- Poltakov, L. M., Malik, G. N. - Machine for micro-mechanical testing of materials. p. 231.
- Ivanov, V. A. - Method for recording the motion of the striking pin of an impact tester. p. 233.
- Solovov, S. S., and others. - Machine for mechanical tests of brittle materials in the temperature range of 20° to 1200°C. p. 234.
- Zolenev, R. V., Alonov, A. D. - Device for determining the dynamic characteristics of polymers using the resonance method. p. 235.
- Mozhin, V. N. - Unit for testing rigid plastics for vibration stability. p. 237.
- Ushakov, A. P., and others. - Automatic recording of the time of fracture of plastic samples in tests for stress-strain strength. p. 239.
- Uchinsk, R. I., Smirnov, B. P. - Unit for measuring the thermal conductivity of electrically conducting materials. p. 240.
- Virin, Z. L., Murashkevich, F. I. - A low-temperature thermoprecipitator. p. 242.
- Bazhov, A. S., and others. - Use of a high-frequency electrodeless discharge at atmospheric pressure as a source of light in emission spectrum analysis. p. 246.
- Koval'chenko, M. S., Ogorodnikov, V. V. - Unit for measuring the electric resistance of radioactive samples. p. 248.
- Akimov, V. D., Mat'isev, G. P. - Device for measuring the temperature of elastic materials. p. 247.
- Lapshin, A. A., Balobash, V. A., Nazimov, N. P. - Capacitive flow-through pickup for measuring the water content of petroleum products. p. 248.
- Symposium on "Properties of metallurgical melts," p. 252.
- Nazarenko, V. A., Ermak, I. D. - Optimum conditions for the alkalimetric determination of loric acid as complexes with polyhydroxy compounds. p. 257.
- Kreinzel, S. U., Bozhovikov, E. A., Antonov, V. N. - Determination of 10^{-5} - 10^{-4} iron in soils using thionin. p. 260.
- Myshlakov, L. V., Sedova, I. V. - Extraction-conductometric method of determining silicon. p. 263.
- Kreshkov, A. D., Bark, V. A., Fedukhina, G. P. - Determination of cadmium by amperometric titration in acetic acid medium. p. 265.
- Agalanova, V. I., Ilizanov, I. P. - Determination of bismuth by diphenic acid. p. 267.
- Atanasov, S. K., Smachukha, V. G. - Possibility of separating SiO_2 and SnO_2 in hydrochloric acid. p. 269.
- Berman, A. D., Frank, U. A., Larovskiy, M. I. - Increasing the resolving power by differentiation of the detector signal. p. 272.
- Livshin, M. D., Chernykh, I. G., Serebriakova, T. I. - Phases analysis of products containing barium nitride. p. 275.
- Kryshova, K. N., Orlova, G. M. - Photometric analysis of a residue of nonmetallic inclusions. p. 278.
- Strolovaya, A. A., Radzikhova, M. M. - Differential spectrophotometric method of determining tungsten. p. 277.
- Mikhulina, T. M., Orlova, V. A. - Extraction-photometric determination of microgram quantities of iron in titanium tetrachloride. p. 277.
- Vinkovetskaya, S. A., Levitskaya, T. I. - Determination of impurities of tetravalent vanadium and iron in vanadium pentoxide. p. 278.
- Negina, V. H., and others. - Potentiometric determination of boron in an oxidizing medium. p. 278.
- Vysotskaya, V. N., Kurlovich, T. I. - Determination of silicic acid in sparingly decomposable fluoride slags. p. 279.
- Borykina, S. I., Krut'ko, A. V. - Determination of thiocyanates in silicofluorination bulbs. p. 280.
- Babko, A. K., Dmitrova, V. N., Kaplan, M. L. - Concentration of impurities in spectrochemical analysis of cadmium. p. 280.
- Atayev, I. A. - Standardization of a process solution of complexon III for manganese. p. 281.
- Kiseleva, R. A., Bozhko, I. G. - Determination of monocarboxylic acids in the products of liquid-phase oxidation of cyclohexane by means of paper chromatography. p. 281.
- Gil'perin, G. M., and others. - Determination of hydrogen chloride by reactive gas chromatography. p. 282.
- Babin, L. A., Firsi, B. S. - Chromatographic determination of impurities in acrylonitrile. p. 283.
- Gil'ova, R. A. - Analysis of tetra- β -hydroxyethyl-m-hydroxyethylenediamines by means of acid-base titration in an aqueous medium. p. 283.
- Shilagin, K. N. - Universal small-scale camera for paper chromatography. p. 284.
- Korsunov, M. A., Mazaev, V. E., Prokhorovskiy, N. A. - Laboratory generator of liquid hydrogen sulfide. p. 285.
- Meerson, M. B., Afanasyev, N. P. - Device for the roverscope of diagram paper in the ZEP-09-MZ potentiometer. p. 286.
- Smazharovskiy, P. L., Borzykh, M. O. - Turbidity-laboratory device. p. 287.
- Palatnik, L. S., and others. - Methods for measuring thin coatings; review. p. 288.
- Mizulikov, O. A. - Volume gravimetric method with optical uncoupling. p. 297.
- Zakina, V. S. - Use of a gas chromatograph in determining the heat conductivity coefficients of gases and vapors. p. 302.
- Blinnov, E. B., Blinnova, T. N., Rubinov, V. G. - Determining the isotopic activity in well-known analysis using a special coordinate system. p. 305.
- Voronkov, V. V., Levinson, D. I., Iglitsyn, M. I. - Effect of a laminated inhomogeneity on measurements of specific resistance and the Hall effect in semiconductors. p. 307.
- Savkina, L. A. - Structure of tempered two-phase steel of the type Kh21N6. p. 309.
- Kazhdan, M. V., Hereshova, Z. I. A., Kargla, V. A. - Use of the scanning method in studying crystalline formations in polymers. p. 310.
- Kovrizhnykh, I. U. P. - Preparation of concentrated solutions of high-molecular substances for electron microscope studies. p. 311.
- Kuznetsov, V. V., Khaldov, G. V., Pereskokov, V. N. - Electron microscope study of powdery metal residues on cathodes. p. 312.
- Golshman, V. I., Kargin, G. Kh. - Automation of glass viscosity measurements. p. 313.
- Fedorov, V. V. - Experimental design to determine the mechanism behind the phenomena studied. p. 314.
- Fedorov, V. V. - Experimental design to distinguish between hypothesis curves using the probability relation method. p. 320.
- Volga, V. I., Poduzhenkov, V. I. - Selection of optimum temperature drops in an experimental determination of some thermophysical quantities. p. 324.

- Shesternina, G. P., Allardina, N. A. - Use of mathematical methods in processing the results of determining slight color differences in textile patterns. p. 326.
- Bakhturov, K. I. - Theoretical problems in quantitative microspectroscopy. p. 328.
- Filatov, M. I. A. - Resistance to fatigue during a complex form of a stress change cycle. p. 331.
- Frestin, B. S. - Applying the hypotheses of summing up the fatigue damage to the rapid evaluation of fatigue durability. p. 336.
- Mikheev, L. M. - Effect of the heating produced by overloading and the cyclic hardening on changes in the number of specimens. p. 340.
- Kobrin, M. M., Andreev, V. P. - Residual stresses in electrolytic coatings and methods of determining them. p. 344.
- Dzhalilov, V. G., Savin, V. G., Konkov, I. D. - Method of determining the mechanical strength of electrolytic coatings. p. 348.
- Kholopov, O. D. - Characterization of plasticity characteristics under tension. p. 349.
- Razumovskaya, I. V., Sandinov, D. S. - Relation of glass microhardness value to the applied load. p. 351.
- Teicher, I. V. - Methods of fatigue testing of specimens having a broken-line axle. p. 353.
- Vladimirov, T. A. - Impact testing of rails. p. 354.
- Seredin, A. I., Shchirzhelskii, M. N. - Determining the strength of cohesion between coatings and base. p. 354.
- Seredin, A. I., Shchirzhelskii, M. N. - Determining the strength of cohesion between coatings and base. p. 354.
- Ivanov, I. G., Plotnikova, L. I. - Machine for testing metal samples for creep and stress-rupture strength. p. 356.
- Morozov, A. V. - Electric furnace attached to a PMT-3 device to test materials for microhardness at high temperatures. p. 358.
- Fomenko, B. A., Naimark, N. I. - Automatic device for plotting thermomechanical curves under conditions of extension and penetration. p. 359.
- Geiman, V. D., Gershkovich, B. N., Lipatova, M. F. - Machine for testing wear of nonmetallic materials. p. 361.
- Ponomarenko, I. F., Ponomarenko, V. I., Elbert, L. S. - Automatic viscosimeter for determining the viscosity of cross-linked liquids. p. 362.
- Ritshov, V. P. - Device for properties gaseous mixtures for analysis by diffusion and concentration. p. 364.
- Gurvich, A. K. - Coordinate scale for ultrasonic defectoscopes. p. 365.
- Volkov, V. I. and others. - Semiautomatic portable ultrameter. p. 367.
- Zitun, V. I., Lekashev, R. F. - Indicator-type torsion meter. p. 370.
- Konrinskoi, G. A., Kazantsev, A. K. - Alignment of specimens in machine clamps. p. 370.
- Shkudzer, E. G. - Attachment for an RV-8 rotary viscosimeter. p. 371.
- Rudov, V. V. - Device for casting microconnections. p. 371.
- Medinskii, A. G., Litopadov, V. V. - Adapter for determining particle sizes. p. 372.
- Savich, L. S. - Attachment of mass analyzers to sealed electrovacuum devices. p. 372.
- Okunovich, A. S., Pelikhov, M. A., Chudakova, A. I. - A 5-kat. manual laboratory pump. p. 373.
- Anatoli Kirillovich Babko; obituary. p. 380.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Glavvost politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 26, nos. 13-14, vol. 27, no. 15, July-Aug. 1968.

NASHI VESTI [OUR NEWS]. Published by Sotuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 24, nos. 265-267, July-Sep. 1968.

RODIMYI KRAI [NATIVE LAND]. Issued by Donskoe roiskoe obshchestvo [Don Cossack Association]. Paris, no. 76, May-June 1968.

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, nos. 6-7 (93-94), June-July 1968.

TEKHNIKA I VOORUZHENIE [TECHNOLOGY AND ARMAMENTS]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 26, no. 4, Apr. 1968.

Table of contents translated;

Chernyshev, V. - V. I. Lenin and technological progress, p. 1.

Grebennikov, B. - Guarding the sky, p. 4.

- Karpov, I. - Repairmen and combat readiness. p. 6.
- Kaldakov, V., Zilberman, I. - A special tank repair shop. p. 8.
- Solomonov, I. - How to reduce service time. p. 8.
- Paili, A. - Consequences of ionization of the atmosphere. p. 10.
- Pavlichuk, K. - Gyroscopes of stabilizers. p. 12.
- Kuznetsov, A. - Checkup of a radio relay station. p. 14.
- Grigor'ev, V., Kuznetsov, A., Fomina, A. - Flame throwing and incendiary weapons. p. 16.
- Kirika, V. - Nonfluorescent observation instruments. p. 18.
- New inhibitors and inhibited polymer coatings. p. 19.
- Vdovin, I. I., Maksimov, A., Pustovskii, L. - Technological resources for teaching. p. 20.
- Razamir, S., Prokhorov, S. - What kind of automation is needed. p. 22.
- Vasilev, E. - Power drives. p. 24.
- Dulin, M. - Measuring high-frequency power. p. 26.
- Strakhov, N. - There should be cross-country automobile races. p. 28.
- Gatov, M. - On a dusty road. p. 30.
- Potapov, V. - On standard frequencies. p. 31.
- Relay race of inventors. p. 32.
- Shtorenko, R. - Reliability of armored equipment. p. 36.
- Kaminskii, V. - A repair stand. p. 38.
- Bodelan, G. - A repair day. p. 39.
- Dem'ianov, V. - A ship leaves the ways. p. 40.
- Vietrnik, I. - The RK-2 set. p. 42.
- Belokopytov, A. - Training an operator. p. 44.
- Gorshkov, I. I., Tsiropukha, M. - Repairing ships. p. 46.

VESTNIK PROTIVOOZDUSHNOI OBOROY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 4, Apr. 1968.

- Table of contents translated:
- Bevigliani, P. 2.
- Dazhin, D. P. - V. I. Lenin on American imperialism. p. 6.
- Khotchuk, A. P. - A new bill to fully work. p. 10.
- Miroshchikov, A. G. - Lectures on Lenin. p. 15.
- Dzhalilov, V. G., Kisanov, V. P. - Tactical training with fielding. p. 18.
- Shimov, B. I. - Under conditions close to real combat. p. 22.
- Our competition. p. 26.
- Morozov, A. S. - Deciding the basic question. p. 28.
- Kashin, A. P. - The terminal stage of a flight. p. 31.
- Fenik, M. M. - Analyzing flights and the air force physician. p. 35.
- Ivanov, M. A. - Every minute of instruction is filled with relentless study. p. 36.
- Turin, A. R. - In short periods of time. p. 44.
- Stepanenko, N. D. - Incorporating new teaching methods. p. 47.
- Morozov, M. D., Serebriannikov, V. V. - Develop the creative capabilities of future officers. p. 50.
- Shustikov, V. F. - In order for engines to operate stably. p. 55.
- Cherkasov, A. I. - A monogram. p. 56.
- Gusakov, I. I. - Logarithmic amplifiers. p. 62.
- Neusypin, A. K. - Gyroscopic drives. p. 68.
- Tsibolkin, N. M., Selez, V. N. - Increase reliability of synchronous teletype systems. p. 72.
- Vorob'ev, V. A. - Binary coaters. p. 75.
- Berezhov, I. I., Buzov, V. P. - Electric jet engines. p. 80.
- Batfushov, A. S. - The northwest flank of NATO. p. 85.
- Frenov, I. A. I. - Means of penetrating antiaircraft defenses. p. 90.

VISTI KOMBATANTA. VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and others. New York, no. 3(31), 1968.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 48, nos. 7-8, July-Aug. 1968.

b. NAVAL SCIENCE

MORSKOI SBORNIK, zhurnal Voenno-Morskogo Flota Soluz SSSR [NAVAL REVIEW; Magazine of the Soviet Navy]. Vol. 50(20), no. 5, May 1967.

- Table of contents translated:
- Pechatko, A. G. - Under the banner of internationalism. p. 2.
- On board ships, in naval units and divisions; from reports of our correspondents. p. 10.
- Tolsolovskii, G. G., Krysin, P. F. - Communications in the navy during 50 years. p. 15.
- Smirnov, N. K. - The road of life; from memoirs. p. 23.
- Fumina, D. I. - Protecting solitary transport vessels at sea from enemy air attacks. p. 28.

- Elizaveta, A. A., Maslennikov, V. V., Timofeev, N. A. - Prospects for assimilating the riches of the world ocean. p. 33.
- Iazarev, M. I., Raraballa, P. D. - Government and private piracy. p. 39.
- Lobov, S. M. - For resolution, decisiveness and prudent commanders. p. 40.
- Ivanov, I. A. - The officer and the sociopolitical life on a ship. p. 53.
- Zhilinskii, M. I. - Ready ships in port. p. 57.
- Makay, M. Sh. - Teaching naval discipline. p. 61.
- Savits, A. N., Matveev, A. I. - Sailors need sailing racing. p. 66.
- Stavitskiy, I. P. - Evaluating the effectiveness of control techniques. p. 68.
- Raraballa, V. K. - Ensuring safety during maintenance and repair of electrical systems on board ships. p. 73.
- In the world of science and technology. p. 77.
- Russian names of ships on the map of the world. p. 79.
- Russinskii, A. I. A. - Cruising under ice in 1601. p. 80.
- Serzhantov, A. I., Ivanovich, V. I. - The "On the radio navigation system. p. 81.

Vol. 51(12), no. 2, Feb. 1968.

- Table of contents translated:
- Sergoov, N. D. - The shield and sword of the fatherland. p. 3.
- On board ships, in naval units and divisions; from reports of our correspondents. p. 13.
- Azarov, V. S. - The battle glory. p. 16.
- Braistey, N. E. - In combat with the white enemy and interventionists on the Volga. p. 25.
- Endakov, D. N. - A combined landing operation. p. 31.
- Mikhailovskii, N. G. - "No paratroop!" p. 31.
- Aldunov, P. I. - Under the canopy of mermaid humors. p. 40.
- Nikolov, V. I. - Heroism of the fatherland. p. 44.
- Kuloshov, I. M. - Stories of combat glory. p. 49.
- Arzumanyov, G. A. - Meritocracy of big landings; some information on the training of personnel in the U.S. Navy. p. 82.
- Nikitin, D. V. - From the history of Soviet shipbuilding to the future. p. 83.
- Bessrabov, V. M. - Development of naval regulations. p. 86.
- Solov'yev, I. U. S. - Development of mathematical model complexes for the operational and tactical use of the forces. p. 62.
- Stepanov, I. I. - A distant cruise in the Red Sea. p. 65.
- Morozov, I. A. - Put scientific organization of labor into practice for combat training. p. 69.
- Bombard, G. P. - Work method of officers in well-heeled quarters. p. 72.
- Aulov, M. M. - Give constant attention to the tactical training of aviators. p. 78.

Vol. 51(12), no. 3, Mar. 1968.

- Table of contents translated:
- For new accomplishments in the name of the motherland. p. 3.
- From party conferences; from reports of our correspondents. p. 6.
- Kanontov, V. A. - Raise combat readiness in our navy. p. 9.
- Improve work with letters in every way possible. p. 13.
- Boz, S. B. - A check of performance in the fleet. p. 16.
- Eliseov, I. D. - Naval operations and possibilities of counteracting the enemy. p. 21.
- Raise the quality of flight planning. p. 26.
- Singalov, D. D. - Firing specialized training of ships into operational plans. p. 29.
- Zaly-Bok, A. - An important function of officers of the education detachment. p. 30.
- Bukhtakov, A. I. - Moral and psychological training of launch crews. p. 33.
- Rabinovich, L. S., Mahatnov, V. A. - Send recommendations to a navigator on ensuring success in maritime operations. p. 38.
- Goltzay, V. M. - Finding the probable location of a ship in an error figure. p. 45.
- Dmit'chenko, A. U. - A. M. Gor'kii among sailors on the 100th anniversary of the writer's birth. p. 49.
- The first issue of "Morskoi sbornik" 50 years ago. p. 50.
- Putnik, L. N. - A person well trained in politics makes an outstanding political worker; from memoirs. p. 55.
- Donskov, K. D. - Pilots of the Black Sea Fleet in battles for the Caucasus; from memoirs. p. 57.
- Mastomirov, N. G., Mikhailov, K. P. - Russian names of ships on the map of the world. p. 81.
- Solovskii, A. P. - When diesel fuel on a ship is dangerously explosive. p. 83.
- Miroshnikov, A. A. - Using epoxy resins for repairing the material portion of a ship. p. 85.
- Sharov, M. F., Ivanova, T. I. - Glass-reinforced plastic coating of wooden ships. p. 88.
- In the world of science and technology. p. 88.
- Maslennikov, V. V., Timofeev, N. A. - The Denmark

- Strahl, p. 71.
- Evgen'ov, F. A. - Some problems in using aviation in amphibious landings. p. 70.
- TECHNOLOGICAL TRANSPORT (INLAND WATER TRANSPORTATION).** Issued by Ministerstvo tekhnicheskoy floty [Ministry of the River Fleet]. Moscow, vol. 27, no. 5, May 1968.
- Table of contents. Translated:
- Make fuller use of river transportation potentialities. p. 1.
- Nesteruk, F. - Karl Marx about transportation and waterways. p. 1.
- Ivanenko, V. - Steamship companies of eastern basins in the third year of the five-year plan. p. 6.
- Koslerin, V. - The economic reform creates obligations. p. 8.
- Lomov, E. - Improvement of business accounting relations in river transportation. p. 9.
- Andreev, I. - Making use of various kinds of tanker fleets. p. 11.
- Sukhov, P. - Omsk longshoremen are organizing their work. p. 13.
- Plashtin, A. - Internal business accounting is the basis of the economic reform. p. 15.
- Shvachenko, P., Vasil'ev, A. - Increasing the durability and efficiency of hydraulic pump drives. p. 17.
- Savin, V., Fadeev, N. - Using electronic computers to calculate the daily plans for work assignment to shifts in harbors. p. 20.
- Kotel', I. - Prices under new conditions of management. p. 22.
- Guravich, I., Gunin, I. - Allowable deformations of hull structures. p. 24.
- Sapozov, A., Bal'zakov, V., Galanov, N. - Checking bearing bushings made of aluminum alloys during their use. p. 27.
- Eraklinovich, V., Kolobkov, L. - Testing centrifugal reaction oil filters. p. 28.
- Lavruv, V. - Improving the speed for testing diesel fuel pumps. p. 29.
- Scherbakov, V., Korshov, O. - Hydraulic glass model G-13A with a controlled speed of rotation. p. 30.
- Pollakova, G., Vasil'ev, G. - New stage in the Volga cascade of hydroelectric power stations. p. 31.
- Belova, L. - Increasing the reliability of reception of buoyage lights and markers. p. 33.

- Syrovatkin, M. - Technical and economic method of determining levels in designing engineering protection structures. p. 38.
- Krivov, A. - Design of sail-type retaining walls. p. 38.
- Pavlenko, G. - Creating and applying the method of automating navigation on rivers. p. 39.
- Oplachko, V. - Handling a motorship with a barge in tow on the Moscow Canal. p. 43.
- Nikulin, M. - New Bratsk Harbor. p. 44.
- Kochetov, V. - Using aligning machines for anti-slacking. p. 44.
- Korfi, Z. - Industrialization of construction and planning capital investments in river transportation. p. 45.
- Iagodin'skiy, E. - Their glory will never fade. p. 46.
- Iakovlev, V. - Public bureau of economic analysts. p. 46.
- Ozol', A. - Salvage equipment. p. 49.
- Trubitsyn, V. - Organizing the work of the head of the lock operating personnel. p. 49.
- Bykov, L. - Navigation structures to Finland. p. 50.

SUDOSTROENIE (SHIPBUILDING). Organ of Ministerstvo sudostroitel'noy promyshlennosti SSSR and Nauchno-issledovatel'skoye obshchestvo avtomatizirovannoy promyshlennosti [Ministry of the Shipbuilding Industry of the U.S.S.R. and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 58, no. 3 (364), Mar. 1968.

Table of contents. Translated:

Bellak, I. U. L., Kandul', F. G. - Strength of inland navigation vessels used in coastal sea regions. p. 3.

Tikhonov, O. I. - Purpose of the lift coefficient in the design of seagoing ships on underwater wings. p. 7.

Vishnevskiy, E. E. - Accuracy of calculating the elements of a ship's waterline with cylindrical sections integrated over its length. p. 10.

Popov, V. D. - Methods of evaluating the anisotropy of hull materials. p. 11.

Lisev, G. P. - Construction and testing of submarine vehicles in the United States. p. 12.

Afonina, T. I., and others. - Results of testing a frozen refrigerator plant on the large refrigerated fishing trawler "Gzhiga." p. 17.

- Egorov, N. F. - Determining the frequency characteristics of noise reduction by start-jump dampers. p. 23.
- Gulchinskii, A. K., Evazhin, V. A., Stepanov, K. V. - Dynamics of heat transmission from heaters to liquid media. p. 26.
- Dorofovskiy, I. U. A., Koval'chikov, A. F., Filin, V. A. - Studying the characteristics of a gas drive-off system in a marine gas turbine plant with various relative gas velocities. p. 28.
- Tupitsyn, N. G. - Effect of a radial clearance on the efficiency of diesel crankshaft bearings. p. 31.
- Meleshkin, G. A. - Load distribution between engines working in parallel with automatic revolution speed regulators. p. 35.
- Konstantinov, V. M. - Certain characteristics of the automation of preliminary synchronization. p. 38.
- Esakov, V. P., Samoilov, I. S. - Calculating static characteristics of combined propulsion systems. p. 40.
- Rudenko, E. P. - Marine electric power plants with waste heat turbo- and shaft generators. p. 43.
- Anufriev, V. I., Rykachevskaya, N. A. - Stand for the adjustment and control of modeling diagrams. p. 46.
- Shtatsenko, A. V. - Methods of calculating standards for the formation of funds for economic incentives in shipbuilding. p. 49.
- Iuzik, S. I. - Determining the degree of tube expansion. p. 55.
- Toukhant, V. I. - Studying the buckling of plastic, sandwich construction, shells. p. 59.
- Balabaev, G. M., Deltay, G. A., Smirnovich, M. L. - Method of drying hardwood lumber. p. 61.
- Gelfing, I. S. - Remote control transmitter of displacements. p. 63.
- Vaganov, A. M. - Pleasure and travel boats made of glass-reinforced plastic with a new hull shape. p. 66.
- Gushchin, I. E. - Plastic boat "Malysh." p. 69.
- Rudakov, A. A., Trub, M. S. - Using mathematical methods in the design of ships. p. 70.
- The 7th Congress of Trade Unions. p. 71.
- Conference of the Soviet National Association of Inventors in Natural Science and Technology. p. 71.
- Ovchinnikov, I. N. - Competition of the Scientific Technological Society for Shipbuilding. p. 71.
- Toward the creation of a "History of Russian Shipbuilding." p. 71.

PART C

List of Periodicals Indexed and Abbreviations Used

Akifator (101)	Akifator	Elektron, bol'sh. mosch. (16e)	Elektronika bol'shikh moschnostei [High-Power Electronics]
Archi. khim. zhur. (13d)	Arkhivskii khimicheskii zhurnal [Archival Chemical Journal]	Energ. stroi. za rub. (18a)	Energeticheskoe stroitel'stvo za rubezhom; prilozhenie k sborniku "Energeticheskoe stroitel'stvo" [Power Construction in Foreign Countries; Supplement to the Periodical "Power Construction"]
Astron. zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]	Energokhoz. za rub. (18e)	Energeticheskoe stroitel'stvo za rubezhom; prilozhenie k sborniku "Elektricheskoe stroitel'stvo" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Atom. energ. (13i)	Atomnaya energiya [Atomic Energy]	Elektrotekh. nika (16e)	Elektrotekhnika [Electrical Engineering]
Atom. tekhn. za rub. (16e)	Atomnaya tekhnika za rubezhom [Nuclear Engineering Abroad]	Energ. tekhn. (18e)	Energetika [Electric Power Technology]
Av. i kosm. (16b)	Aviatsiya i kosmosavlika [Aviation and Astronautics]	Eni. oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Avi. transp. (14g)	Avtomobil'nyi transport [Automotive Transportation]	Eni. vrem. v sred. mom. pereg. radioizg. (13b)	Entomologicheskoe obozrenie v sred. mom. pereg. radioizg. [Official Time of Mean Moments of Radio Signal Transmissions]
Aviur. svar. (16i)	Aviatsionnaya svar. [Aviation Welding]	Form. i spir. prom. (16c)	Formirovaniye i spirtovalniye promyshlennosti [Formulation and Distilling Industry]
Aviometria (16g)	Aviometria [Aviometry]	Fiz. i khim. obr. mat. (16a)	Fizika i khimiya obrabotki materialov [Physics and Chemistry of Materials Processing]
Bel. i zhel. bel. (16d)	Bel. i zhel. bel. [Concrete and Reinforced Concrete]	Fiziol. rast. (13e)	Fiziologiya rastenii [Physiology of Plants]
Bezop. truda v prom. (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]	Gaz. dolo (16b)	Gazovoe dolo [Gas Industry]
Bibliot. - bibl. inform. (2a)	Biblioteka - biblioteka informatsionnaya [Library - Library Information]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]	Gelio- tekhnika (16a)	Geliotekhnika [Solar Energy Engineering]
Biul. MOIP. Otd. biol. (13c)	Biulleten' Moskovskogo obshchestva ispytatelei primory. Biulleten' Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]	Geofiz. biul. (13i)	Geofizicheskii biulleten' [Geophysical Bulletin]
Biul. MOIP. Otd. geol. (12c)	Biulleten' Moskovskogo obshchestva ispytatelei prirody. Biulleten' Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]	Geokhimiya (12e)	Geokhimiya [Geochemistry]
Biul. mezhdu- nar. nauch. s'ezd. i kongr. (1a)	Biulleten' mezhnatsionnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Biul. Min. vys. i sred. spets. obr. SSSR (18a)	Russkii (1927) U. S. S. R. i Min. spetsializirovannogo obrazovaniya. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]	Geol. mest. red. elem. (12c)	Geologiya mest. red. elem. [Geology of Local Element Deposits]
Biul. sta. npi. nabl. isk. sput. Zem. (13b)	Akademii nauk SSSR, Astronomicheskii sov. Biulleten' skanov opticheskogo nabludeniya i kosmosavliki [Academy of Sciences of the U. S. S. R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]	Geol. zhur. (12c)	Geologicheskii zhurnal [Geological Journal]
Biul. stroi. i tekhn. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]	Gidrol. i mol. (16a)	Gidroliticheskoe stroitel'stvo [Hydraulic Engineering and Reconstruction]
Biul. Verkh. Suda RSFSR (1)	Russkii (1917) R. S. F. S. R. Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]	Gidr. stroi. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Brat. voisl. (13b)	Bratskii vestnik [Herald of Brotherhood]	Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
Bum. prom. (16f)	Bumazhnaya promyshlennost' [Paper Industry]	Inform. biol. oov. i anal. knig. postup. v Bibl. im. V. I. Len. Ser. 1 (2a)	Moscow. Publitsheka biol. informatsionnyi biulleten' novykh knizhnykh knig, postupivshikh v Bibl. im. V. I. Lenina. Seriya 1: Fiziko-matematicheskie i khimicheskie nauki; nauki o zemle; tekhnika i tekhnicheskoe stroitel'stvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Construction]
Bumagodel. maab. (10g)	Bumagodelatelnaya mashinostroenie [Paper-Making Machinery Manufacture]	Inform. biol. nov. i nov. knig. postup. v Bibl. im. V. I. Len. Ser. 3 (2a)	Moscow. Publitsheka biol. informatsionnyi biulleten' novykh knizhnykh knig, postupivshikh v Bibl. im. V. I. Lenina. Seriya 3: Obshchestvennoye nauki, khimicheskoye stroitel'stvo, tekhnika i tekhnicheskoe stroitel'stvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Chemical Sciences, Technology and Technological Construction]
Dif. urav. (13e)	Differentsial'nye uravneniya [Differential Equations]	Inform. biol. Sov. antark. eksp. (1a)	Sovetskaya antarktika i ekspeditsiya, 1959-1958. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1959-1958. Information Bulletin]
Dokl. AN Arm. SSR (13a)	Akademii nauk Armianskoi SSR, Eriyan. Doklady [Academy of Sciences of the Armenian S. S. R. Reports]	Inform. biol. VDNKH (10a)	Moscow. Vystavka dostizhenii narodnogo khozyaystva SSSR. Informatsionnyi biulleten' [Exhibition of Achievements of the National Economy of the U. S. S. R. Information Bulletin]
Dokl. AN Azerb. SSR (13a)	Akademii nauk Azerbaidzhan'skoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S. S. R. Reports]	Inform. mat. po gidromet. prib. i met. nabl. (13f)	Informatsionnyye materialy po gidrometeorologicheskim priborom i metodam nabludeniya [Information Materials on Hydrometeorological Instruments and Observation Methods]
Dokl. AN SSSR (13a)	Akademii nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports]	Inform. sbor. TSNIPO (16d)	TSNIPO [Central Scientific Research Institute of Fire Protection. Information material]
Dokl. AN Tadzh. SSR (1a)	Akademii nauk Tadzhikskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S. S. R. Reports]	Izobr. i rata. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Dop. AN URSS. Ser. A (13a)	Akademii nauk URSS. Kiev. Dopovidy. Seriya A: Fiziko-tekhnicheskaya i matematicheskaya nauki [Academy of Sciences of the Ukrainian S. S. R. Reports. Series A: Physical, Technological, and Mathematical Sciences]	Izv. AN Arm. SSR. Nauki o zem. (12c)	Akademii nauk Armianskoi SSR, Eriyan. Izvestiya. Nauki o zemle [Academy of Sciences of the Armenian S. S. R. Bulletin. Earth Sciences]
Ekon. i mat. metod. (5b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]		
Ekon. i zhizn' (5b)	Ekonomika i zhizn' [Economics and Life]		
Ekon. Rad. Ukr. (5b)	Ekonomika Radianskoi Ukrainy [Economics of the Soviet Ukraine]		
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]		
Elek. sta. (16e)	Elektricheskoe stroitel'stvo [Electric Power Stations]		
Elektricheskoe stroitel'stvo (16e)	Elektricheskoe stroitel'stvo [Electric Power Stations]		

- Izv. AN Azerb. SSR, Ser. biol. nauk (13c)
- Izv. AN Azerb. SSR, Ser. nauk o zem. (12c)
- Izv. AN Kazakh. SSR, Ser. geol. (12c13)
- Izv. AN Kazakh. SSR, Ser. khim. (13d)
- Izv. AN SSSR, Energ. i transp. (18g)
- Izv. AN SSSR, Fiz. atm. i okeana (13f)
- Izv. AN SSSR, Neorg. mat. (13d)
- Izv. AN SSSR, Ser. biol. (13c)
- Izv. AN SSSR, Ser. mat. (13c)
- Izv. AN SSSR, Tekh. kib. (18e)
- Izv. Qtd. biol. nauk AN Tadzh. SSR (13c)
- Izv. SO AN SSSR, Ser. biol., med. nauk (13c)
- Izv. TINRO (16b)
- Izv. VNIIG (16d)
- Izv. Vses. gaog. ob-va (12b)
- Izv. vys. uchob. zav.; tekhn. i mekh. (16e)
- Izv. vys. uchob. zav.; energ. (16c)
- Izv. vys. uchob. zav.; fiz. (13f)
- Izv. vys. uchob. zav.; geol. i razv. (16h)
- Izv. vys. uchob. zav.; gor. zhur. (16h)
- Izv. vys. uchob. zav.; les. zhur. (16c)
- Izv. vys. uchob. zav.; mat. (13a)
- Izv. vys. uchob. zav.; prib. (16g)
- Izv. vys. uchob. zav.; prib. (16g)
- Kardifologiya (14a)
- Kal. dan. i publ. po Ark. i Antark. (2a)
- Akademija nauk Azerbaidzhanskoi SSR, Baku, Izvestija. Serija biologicheskikh nauk [Academy of Sciences of the Azerbaijan S. S. R. Bulletin. Series in the Biological Sciences]
- Akademija nauk Azerbaidzhanskoi SSR, Baku, Izvestija. Serija nauk o zemle [Academy of Sciences of the Azerbaijan S. S. R. Bulletin. Series of the Earth Sciences]
- Akademija nauk Kazakhskoi SSR, Alma-Ata, Izvestija. Serija geologicheskaja [Academy of Sciences of the Kazakh S. S. R. Bulletin. Geological Series]
- Akademija nauk Kazakhskoi SSR, Alma-Ata, Izvestija. Serija khimicheskaja [Academy of Sciences of the Kazakh S. S. R. Bulletin. Chemical Series]
- Akademija nauk SSSR, Izvestija. Energijetika i transport [Academy of Sciences of the U. S. S. R. Bulletin. Power Engineering and Transportation]
- Akademija nauk SSSR, Izvestija. Fizika atmosfery i okeana [Academy of Sciences of the U. S. S. R. Bulletin. Atmospheric and Oceanic Physics]
- Akademija nauk SSSR, Izvestija. Neorganicheskie materijaly [Academy of Sciences of the U. S. S. R. Bulletin. Inorganic Materials]
- Akademija nauk SSSR, Izvestija. Serija biologicheskaja [Academy of Sciences of the U. S. S. R. Bulletin. Biological Series]
- Akademija nauk SSSR, Izvestija. Serija matematicheskaja [Academy of Sciences of the U. S. S. R. Bulletin. Mathematical Series]
- Akademija nauk SSSR, Izvestija. Tekhnicheskaja kibernetika [Academy of Sciences of the U. S. S. R. Bulletin. Engineering Cybernetics]
- Akademija nauk Tadzhikskoi SSR, Dushanbe, Otdelenie biologicheskikh nauk, Izvestija [Academy of Sciences of the Tajik S. S. R. Department of Biological Sciences, Bulletin]
- Akademija nauk SSSR, Sibirskoe otdelenie, Izvestija. Serija biologicheskikh nauk [Academy of Sciences of the U. S. S. R. Siberian Department, Bulletin. Series in the Biological and Medical Sciences]
- Vladivostok, Tikhookeanskii nauchno-issledovatel'skii in-titut rybnogo khozjajstva i okeanografii, Izvestija [Pacific Ocean Scientific Research Institute of Fisheries and Oceanography, Bulletin]
- Leningrad, Vsesoiuznyi nauchno-issledovatel'skii in-titut gidrotekhniki, Izvestija [All-Union Scientific Research Institute of Hydraulic Engineering, Bulletin]
- Geograficheskoe obshchestvo SSSR, Izvestija [Geographic Society of the U. S. S. R., Bulletin]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; elektromekhanika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; energetika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Power Engineering]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; fizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Physics]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; geologija i razvedka [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Mining Journal]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Forestry Journal]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; matematika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Mathematics]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; neft' i gaz [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Petroleum and Gas]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Izvestija vysshih uchebnykh zavedenij; priborostroenie [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Instrument Manufacture]
- Kardifologiya [Cardiology]
- Mirovot leentr dannyyh MGU B. Katalog dannyyh i publikatsii po Arkktike i Antarktike [IGY World Data Center B. Catalog of Data and Publications on the Arctic and the Antarctic]
- Khim. - farm. zhur. (14f)
- Khim. i noft. mashinostr. (16c)
- Khim. i tekhn. topl. i masei (16c)
- Khim. prom. (16c)
- Khim. prom. Ukr. (16c)
- Khim. tekhn. (16c)
- Khim. tver. topl. (13d)
- Khim. v sel'. khoz. (13a)
- Khleb. i kond. prom. (16f)
- Kibernetika (13e)
- Kalzh. let. (2a)
- Koka i khim. (16c)
- Komm. Ukr. (6)
- Kozh. - obuv. prom. (16f)
- Kristallografiya (13d)
- Kryl. rod. (14b)
- Lakokras. mat. i ikh prim. (16c)
- Let. drevk. BSSR (2a)
- Let. zhur. sl. (2a)
- Lit. proizv. (16b)
- Lit. rev. (2a)
- Magn. pol. soln. plat. (13b)
- Mash. i nef. obr. (16h)
- Mat. - tekhn. snabzhen. (16b)
- Mat. zap. Ural. mai. ob-va URGU (13c)
- Med. rad. (14a)
- Med. rol. zhur. (14a)
- Mekh. i avtom. upr. (16g)
- Mekh. stroit. (16d)
- Metalloved. i term. obr. met. (16h)
- Mozhdunarodnaja zhizn' (6)
- Mias. ind. SSSR (16f)
- Mik. i fitopat. (13c)
- Mikrobiologiya (13c)
- Mir. ekon. i mozhduar. ota. (16b)
- Mol. biol. (13e)
- Mont. i spets. rab. v stroit. (16d)
- Mor. sbor. (17b)
- Muk. - elev. prom. (16f)
- Nauch. dokl. vys. shkoly; biol. nauki (13c)
- Nauch. dokl. vys. shkoly; fiz. nauki (13a)
- Nauch. - tekhn. sbor. po dnb. nefit (16h)
- Nauch. trudy AKKH (16d)
- Khimiko-farmatsevticheskii zhurnal [Chemical and Pharmaceutical Journal]
- Khimicheskoe i nefitnoe mashinostroenie [Chemical and Petroleum Machinery Manufacture]
- Khimija i tekhnologija topliv i masei [Chemistry and Technology of Fuel and Oil]
- Khimicheskaja promyshlennost' [Chemical Industries]
- Khimicheskaja promyshlennost' Ukrainy [Chemical Industries of the Ukraine]
- Khimicheskaja tekhnologija [Chemical Technology]
- Khimija tverdogo topliva [Chemistry of Solid Fuel]
- Khimija v sel'skom khozjajstve [Chemistry in Agriculture]
- Khibopekarnaja i konditerskaja promyshlennost' [Baking and Confectionery Industry]
- Kibernetika [Cybernetics]
- Kritzhnaja letopis' [Book Chronicle]
- Koka i khimija [Coke and Chemistry]
- Kommunist Ukrainy [Communist of the Ukraine]
- Kozhenno-obuvnaja promyshlennost' [Leather and Footwear Industry]
- Kristallografiya [Crystallography]
- Kryl'ia rindny [Wings of the Motherland]
- Lakokrasochnye materijaly i ikh primeneniye [Lacquers and Paint Materials and Their Use]
- Letopis druzhby BSSR i Letopis' revoliutsii BSSR [Chronicle of the Publications of the White Russian S. S. R.]
- Letopis' zhurnal'nykh slaitov [Chronicle of Periodical Articles]
- Liternoe proizvodstvo [Foundry Practice]
- Litopys reizenzi [Chronicle of Reviews]
- Pulkovo, Glavnaja astronomicheskaja observatorija, Magnitnyye polja solnechnykh platen [Main Astronomical Observatory, Magnetic Fields of Sunspots, Publications of the Bulletin "Solar Data"]
- Mashiny i nefitnoe aborudovanie [Machinery and Petroleum Equipment]
- Materijal'no-tekhnicheskoe snabzhenie [Supply of Materials and Equipment]
- Sverdlovsk, Ural'skii gosudarstvennyi universitet, Ural'skoe matematicheskoe obshchestvo, Matematicheskie zapiski [Ural State University, Ural Mathematical Society, Mathematical Annals]
- Muhtiminskaja radiologija [Medical Radiology]
- Meditsinskii razborivnyi zhurnal [Medical Abstracts]
- Mekhanizatsija i avtomatizatsija upravlenija [Mechanization and Automation of Control]
- Mekhanizatsija stroitel'stva [Mechanization of Construction]
- Metallovedenie i termicheskaja obrabotka metallov [Metals and Heat Treatment of Metals]
- Mozhdunarodnaja zhizn' [International Life]
- Miasnaja industrija SSSR [Meat Industry of the U. S. S. R.]
- Mikologija i fitopatologija [Mycology and Phytopathology]
- Mikrobiologija [Microbiology]
- Mirovaja ekonomika i mezhduarodnyye otnoshenija [World Economics and International Relations]
- Molekularnaja biologija [Molecular Biology]
- Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
- Morskoi sbornik; zhurnal Voenno-Morskogo Flota Sotuzha SSSR [Naval Review; Magazine of the Soviet Navy]
- Mukomolno-elevatornaja promyshlennost' [Flour Milling and Grain Storage]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Nauchnye doklady vysshih shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools; Philosophical Sciences]
- Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanija, Nauchnye doklady vysshih shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools; Philosophical Sciences]
- Vsesoiuznyi nauchno-issledovatel'skii in-titut. Nauchno-tekhnicheskii sbornik po dobytku nefiti [All-Union Scientific Research Institute of Petroleum and Natural Gas, Scientific and Technical Papers on Petroleum Production]
- Akademija kommunalnogo khozjajstva, Nauchnye trudy [Academy of Communal Economy, Studies]

Nauch. trudy ITA (161)	Leningrad. Lesotekhnicheskaya akademiya. Nauchnye trudy [Academy of Wood Technology. Studies]	Probl. sovr. ekon. Ka- zakh. (5b)	Problemy sovremennoy ekonomiki Kazakhstana [Problems of the Present-Day Economy of Kazakhstan]
Nauch. trudy OMIT (16g)	Omsk. Institut inzhenerov zheleznodorozhnogo transporta. Nauchnye trudy [Institute of Engineers of Railroad Trans- portation. Studies]	Probl. sovr. khim. koord. sost. (13d)	Problemy sovremennoy khimii koordinatsionnykh soedineniy [Problems of the Coordination Compounds in Modern Chemistry]
Nauch. trudy TashGI (1a)	Tashkent. Universitet. Nauchnye trudy [University. Studies]	Prom. stroit. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Nef. i gaz. prom. (16h)	Neftegazovaya promyshlennost' [Petroleum and Gas Industry]	Prom. stroit. i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernyye sooruzheniya [Industrial Construction and Engineering Structures]
Nef. khoz. (16h)	Neftegazovaya khoz. i geofizika [Petroleum and Gas Economy and Geophysics]	Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Neftegaz. geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Prom. Biol. (16a)	Promyshlennost' Boliviatsii [Industry of White Russia]
Neftepererabotka i reflektim. (16h)	Neftepererabotka i refleksionnaya khimiya [Petroleum Refining and Petroleum Chemistry]	Prom. energ. (16e)	Promyshlennaya energetika [Industrial Power]
Nefitnik (16h)	Nefitnik [The Petroleum Worker]	Pul' i pul. khoz. (16d)	Pul' i pul. khoz. [Railroad Tracks and the Economy of Maintenance]
Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]	Rad. pravo (7)	Radiatsionnoye pravo [Soviet Law]
Nov. inostr. lit. po filoz. (13a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]	Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Nov. inostr. lit. po lingv. (11a)	Novaya inostrannaya literatura po lingvistike [New Foreign Literature on Linguistics]	Rast. res. (13c)	Rastitel'nyye resursy [Plant Resources]
Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]	Razved. geofiz. (16h)	Razveduchnaya geofizika [Prospecting Geophysics]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fiziko- khimicheskaya geografiya [New Foreign books: Series A: Mathe- matics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]	Razved. i okh. nedr. (16h)	Razvedka i okhrana nedr. [Prospecting and Conservation of Mineral Resources]
Nov. lit. o nauke i nauke. -16a1. rub. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoy rabote za rubezhom [New Literature on Science and Research Abroad]	Rech. transp. (17b)	Rechnoy transport [Inland Water Transportation]
Nov. lit. po Chexk. (2a)	Novaya literatura po Chexoslovaki [New Literature on Czechoslovakia]	Ref. sbor. : Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Nov. sov. ekon. lit. (15b)	Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature]	Ref. zhur. : Avt. i gorn. transp. (16g)	Referativnyi zhurnal: Avtomobilnyy i gorodskoy transport [Journal of Abstracts: Automobile and City Transporta- tion]
Nov. sov. i inostr. lit. po stran. Az. i Afr. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]	Ref. zhur. : Biol. khim. (13c)	Referativnyi zhurnal: Biologiya [Journal of Abstracts: Biology]
Nov. sov. i inostr. lit. po relig. i rel. (13b)	Novaya sovetskaya i inostrannaya literatura po voprosam ateizma i religii [New Soviet and Foreign Literature on the Problems of Atheism and Religion]	Ref. zhur. : Biol. khim. (13c)	Referativnyi zhurnal: Biologicheskaya khimiya (Otdel'nyy vypusk 30) [Journal of Abstracts: Biochemistry (Separate Issue 30)]
Nov. sov. i inostr. lit. o nauke i nauch. -16a1. rub. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno- issledovatel'skoy rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]	Ref. zhur. : Elektronika i ee prim. (16a)	Referativnyi zhurnal: Elektronika i ee primeneniye [Journal of Abstracts: Electronics and its Application]
Nov. sov. i inostr. lit. po filoz. (2a)	Novaya sovetskaya literatura po filosofii [New Soviet Literature on Philosophy]	Ref. zhur. : Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Genet. (12c)	Referativnyi zhurnal: Genetika [Journal of Abstracts: Genetics]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Iad. reak. (10e)	Referativnyi zhurnal: Yadernaya reakciya (Otdel'nyy vypusk 60) [Journal of Abstracts: Nuclear Reaction (Separate Issue 60)]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyy vypusk 30) [Journal of Abstracts: Medical Geography (Separate Issue 30)]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Mol. i zhm. tekhn. (10a)	Referativnyi zhurnal: Molodetskaya i zhivnitskaya tekhnika (Otdel'nyy vypusk 32) [Journal of Abstracts: Molasses and Honeybee Technology (Separate Issue 32)]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Pochv. i agroklim. (15a)	Referativnyi zhurnal: Pochvovedeniye i agroklimat (Otdel'nyy vypusk 67) [Journal of Abstracts: Soil Science and Agroclimatology (Separate Issue 67)]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Radiotekh. (16e)	Referativnyi zhurnal: Radiotekhnika [Journal of Abstracts: Radio Engineering]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Tekhn. i obrab. i poligr. proizv. (10g)	Referativnyi zhurnal: Tekhnologiya i obrabotka i poligraficheskoye proizvodstvo (Otdel'nyy vypusk 37) [Journal of Abstracts: Technology and Engi- neering of the Paper, Printing and Publishing Industry (Separate Issue 37)]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Vop. tekhn. prodv. i org. prodv. v mashtab. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyeniye (Otdel'nyy vypusk 36) [Journal of Abstracts: Problems of Techno- logical Progress and the Organization of Production in the Machinery Industry (Separate Issue 36)]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ref. zhur. : Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyy transport [Journal of Abstracts: Air Transportation]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Ugot. krist. (13d)	Rost kristallov [Growth of Crystals]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Sbor. nauch. rab. DVNIIS (16d)	Vinilvostok. Dal'novostochnyy nauchno-issledovatel'skiy institut po stroitel'stvu. Sbornik nauchnykh rabot [Far Eastern Scientific Research Institute for Construction. Papers]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Sbor. nauch. rab. INKE (5b)	Moscow. Institut narodnogo khoz. i stroitel'stva. Sbornik nauchnykh rabot [Institute of the National Economy. Collected Papers]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Sbor. posl. VTSPS (5d)	Vostochnyy Tsentral'nyy Sovet Professional'nykh Soyuzov. Sbornik poslanii [All-Union Central Council of Trade Unions. Declarations]
Nov. sov. i inostr. lit. po lingv. i rel. (13b)	Novaya sovetskaya literatura po lingvistike [New Soviet Literature on Linguistics]	Sbor. trud. LITZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo trans- porta. Sbornik trudov [Institute of Railroad Transpor- tation Engineers. Papers]

Trudy Ural. pol'itekhn. inst. (16a)	Sverdlovsk, Ural'skiy politekhnicheskiy institut. Trudy [Ural Polytechnical Institute. Transactions]	Ved. Verkh. Sov. SFSR (61)	Izvestiya (1917-1918) [Supreme Soviet. Gazette]
Trudy VIM (15a)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozaystva. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Transactions]	Vest. LGU (1a)	Leningrad, Universitet, Vestnik [University, Review]
Trudy VMI (15b)	Moskva, Volgodonskaya stantsiya. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture. Transactions]	Vest. mashino-str. (10g)	Vestnik mashinostroyeniya [Machinery Manufacture]
Trudy VNIE (16e)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut elektroenergetiki. Trudy [All-Union Scientific Research Institute of Electric Power Engineering. Transactions]	Vest. Mosk. un. Ser. 2: Khim. (131)	Moscow, Universitet, Vestnik. Seriya 2: Khimiya [University, Review, Series 2: Chemistry]
Trudy VNIIMIO (14a)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut meditsinskogo instrumentaniya i oborudovaniya. Trudy [All-Union Scientific Research Institute of Medical Instruments and Equipment. Transactions]	Vest. Mosk. un. Ser. 3: Fiz., astron. (131)	Moscow, Universitet, Vestnik. Seriya 3: Fizika, astronomiya [University, Review, Series 3: Physics, Astronomy]
Trudy VNIIZ (15d)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut zerna i produktov ego pererabotki. Trudy [All-Union Scientific Research Institute of Grain and Grain Products. Transactions]	Vest. Mosk. un. Ser. 12: Pravo (7)	Moscow, Universitet, Vestnik. Seriya 12: Pravo [University, Review, Series 12: Law]
Trudy VNIRO (15b)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut morekogo rybnogo khozaystva i okeanografiya. Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]	Vest. prokhorovsk. obr. (17a)	Vestnik prokhorovskikh obratov [Air Detection]
Trudy VNIIT (16g)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation Engineering. Transactions]	Vest. zool. (13r)	Vestnik zoologii [Review of Zoology]
Trudy VOIGEO (16d)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut vodosnabzheniya, kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoi gidrologii. Trudy [All-Union Scientific Research Institute of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrology. Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Trudy VSEGEI (12c)	Leningrad, Vsesoyuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Trudy VZIT (16g)	Moscow, Vsesoyuznyi nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation Engineering. Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Trudy Vur. med. (14a)	Voronezh, Meditsinskiy institut. Trudy [Medical Institute. Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Trudy ZakNIGMI (13f)	Tbilisi, Zakavkazskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy [Transcaucasian Scientific Research Hydrometeorological Institute. Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Trudy Zool. inst. (13c)	Akademiya nauk SSSR, Zoologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Zoological Institute. Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
TSement (16d)	TSement [Cement]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
TSitologiya (13c)	TSitologiya [Cytology]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. AGU. Ser. khim. nauk (13d)	Baku, Azerbaidzhan'skiy gosudarstvennyi universitet. Uchenye zapiski. Seriya khimicheskikh nauk [Azerbaijan State University. Studies. Series in the Chemical Sciences]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. GGI (1a)	Gorkiy, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Kab. Bsk. gos. un. (1a)	Nalchik, Kabardino-Balkarskiy gosudarstvennyi universitet. Uchenye zapiski [Kabardino-Balkar State University. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Kal. gos. ped. inst. (1a)	Kalinin, Pedagogicheskii institut. Uchenye zapiski [Pedagogical Institute. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Mord. gos. un. (1a)	Saransk, Mordovskiy gosudarstvennyi universitet. Uchenye zapiski [Mordvinian State University. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Nov. gos. ped. inst. (11b)	Novgorodskiy gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Novgorod State Pedagogical Institute. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Orlov. gos. ped. inst. (1a)	Orel, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad, Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. Uchenye zapiski [A. I. Gertsan State Pedagogical Institute. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Petrozav. gos. un. (1a)	Petrozavodsk, Universitet. Uchenye zapiski [University. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Uch. zap. Turk. gos. un. (11a)	Ashkhabad, Turkmenskii gosudarstvennyi universitet. Uchenye zapiski [Turkmenistan State University. Studies]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Ukr. biokhim. zhur. (13c)	Ukrains'kiy biokhimicheskii zhurnal [Ukrainian Biochemical Journal]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Ukr. geom. obr. (13e)	Ukrains'kiy geometricheskii sbornik [Ukrainian Papers on Geometry]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Usp. fiz. nauk (131)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the USSR, Bulletin, Series in the Physical and Mathematical Sciences]
Usp. mat. nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiiy nauch. SSSR, Vestnik. Seriya fiziko-matematicheskikh nauk [Acad

O. GENERALITIES

002 DOCUMENTATION AND INFORMATION RETRIEVAL

A discussion of the problems of scientific information and pragmatism in social sciences. O. A. Gavrilov, *Sov. gos. i privo. na. 6:141-142* Je '68.

Dudary, E. N. [The Decembrists and books] *Dekabristy* [Kniga. Moskva, "Kniga," 1967, 63 p.

Information retrieval system of innovator suggestions, P. Z. Serebrennikov, *Primi. Bel.* 10 no. 12 60 11 '67.

Problems of mechanization and automation in information retrieval systems. D. M. Mekhtiev, *Za tekh. prog.* 6 no. 5 47-48 My '68.

Vsesoyuznaya konferentsiya po informatsionno-polekovym sistemam i avtomatizirovannoi obrabotke nauchno-tekhnicheskoi informatsii, 3d, Moskva, 1968. [Transactions of the Third All-Union Conference on Information Storage and Retrieval Systems and the Automated Processing of Scientific and Technological Information. In four volumes] *Trudy*, V 4-kh t. Pod obsled. red. A. I. Mikhalova i dr., Moskva, 1968.

T. 4. [Technical apparatus of information services and operational duplicating techniques] Tekhnicheskie ustroystva informatsionnogo obsluzhivaniya i operativno-innozhitel'naya tekhnika, 1967, 370 p.

003(477)—Ukrainian S. S. R.

[The press of the Ukrainian S. S. R., 1917-1966. A statistical reference book] *Press Ukrainy* [Ukr. RSI, 1917-1966. Statystichnyi dovidnyk, Kyarkiv, 1967, 146 p.

01 BIBLIOGRAPHY

Alian Davydova Umitkai; obituary, *Sov. bibl.* no. 5: 72 '67.

[Book chronicle] *Knizh. bel.* nos. 33-35 '68.

Book news, *Sov. bibl.* no. 5:70-74 '67.

[Chronicle of periodical articles] *Lot. zhur. st.* nos. 29-30 '68.

[Chronicle of periodical publications of the U. S. S. R. 1951-1966. An organ of the national bibliography of the U. S. S. R. in two parts] *Lotopis' periodicheskikh izdaniy SSSR*, 1961-1966 gg. Organ gos. bibliografii SSSR, V 2-kh ch. Moskva, "Kniga."

Ch. 2. [Newspapers] *Gazoty*, 1967, 760 p.

[Chronicle of reviews, I. Lit. revs. nos. 5-7 My-Jl '68.

[Chronicle of the publications of the White Russian S. S. R.] *Lot. druki BSR* nos. 3-4 Mr.-Ap '68.

Let us improve our library service and bibliographic advice to farmworkers. A. S. Sierlin, *Sov. bibl.* no. 5: 67-70 '67.

[Library and bibliographical classification. Tables for scientific libraries] *Bibliotечно-bibliograficheskaya klassifikatsiya. Tablitsy dlya nauch. bibliotek*, Moskva, "Kniga."

Vyp. 23. 1U. [Philosophical sciences. Psychology] *Filosofskie nauki. Psikhologiya*, 1967, 263 p.

[Library and bibliographical information] *Bibliot. -bibl. inform.* no. 1 '68.

New books. *Agtialor* no. 0:64 My '68.

[New books of the U. S. S. R.] *Nov. knigi SSSR* nos. 33, 35-37 Ag-S '68.

[New literature on science and research abroad] *Nov. lit. o nauko i nauch. issl. rab. za rub.* no. 6 '68.

[New Soviet literature on science and general research in the U. S. S. R.] *Nov. sov. lit. o nauko i nauch. issl. rab. v SSSR* no. 6 '68.

Problems of the informational and bibliographical services of libraries discussed in "Grundzüge der Bibliothekswissenschaft" a book by H. Kuntze, T. I. Skripkina, G. G. Firsov, *Sov. bibl.* no. 5:77-80 '67.

Results of and prospects for the development of a bibliography of bibliographies in the U. S. S. R. B. I. Kandel', *Sov. bibl.* no. 6:3-21 '67.

Some current problems of library work in the field of local history. M. A. Brikman and others, *Sov. bibl.* no. 5:48-53 '67.

Starobinskiy, N. G. [General technological bibliography. Bibliography of the history of technology. Bibliography. Catalogs of the publishing houses specialized in different technological fields. Bibliography of technical bibliography. Bibliography of the economics of industry and technical aesthetics] *Obshchestvenno-tekhnicheskaya bibliografiya. Bibliografiya po istorii tekhniki. Bibliografiya po tekhnicheskoi bibliografii. Ekonomika tekhnicheskoi bibliografii. Tekhnicheskaya bibliografiya. Katalogi izdatel'stv, specializirovannykh na raznykh tekhnicheskikh oblastiakh. Bibliografiya po ekonomike promyshlennosti i po tekhnicheskoi estetike*, Moskva, 1968, 20 p. (Kursy povysheniya kvalifikatsii rukovodstvennykh, inzh.-tekhn. i nauch. rabotnikov. Bibliografiya. Istoknikovedenie. Lektsii. Tom 3). Voronezhskii universitet. [Studies of scientists and scholars of Voronezh State University. A bibliographic index for 1954-1961] *Trudy nauchnykh sotrudnikov Voronezhskogo gosudarstvennogo universiteta. Bibliograficheskii ukazatel' 1954-1961*, Voronezh, Izd. Voronezhskogo un-ta, 1967, 269 p.

What constitutes the value of a bibliography of recent technical books? A. S. Mylnikov, *Sov. bibl.* no. 5:53-54 '67.

01(437)—Czechoslovakia

[New literature on Czechoslovakia] *Nov. lit. po Chkch.* no. 6 '68.

01(438)—Poland

Three editions of the "Bibliography of Polish bibliographies," I. V. Gubovskiy, *Sov. bibl.* no. 5:80-82 '67.

01(471.21)—Kurmansk Province

[The Kola Peninsula. A bibliographical index of Soviet literature for 1965] *Kol'skii poluosotrov. Bibliogr. ukazatel' sovetskoi literatury za 1966 g.* *Sos. M. T.* Dneprovskaya, A. I. Vlasova, L. V. Drinbozgov, I. R. Petrovskaya, *Apaltiy*, 1966, 224 p.

01(476)—White Russian S. S. R.

Joint Hentstarevich Nimitovskii; obituary, *Sov. bibl.* no. 5:75 '67.

01(490)—European communist countries as a group

Book news, *Sov. bibl.* no. 5:83-84 '67.

01(6)—Asia

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* nos. 4-6 '68.

01(55)—Iran

Sverchovskaya, A. K., comp. [Bibliography of Iran. Literature in Russian, (1917-1966)] *Bibliografiya Irana. Literatura na rus. yaz. (1917-1966 gg.)*. Pod red. N. A. Kuznetsova. Moskva, "Nauka," 1967, 301 p. CaOTU

01(571)—Asianic R. S. F. S. R.

A library conference in Novosibirsk, *Sov. bibl.* no. 5: 66-67 '67.

01(576.3)—Tajik S. S. R.

A guidebook for the bibliography of a republic, D. S. Levt, *Sov. bibl.* no. 5:33-39 '67.

01(6)—Africa

[New Soviet and foreign literature on the countries of Asia and Africa] *Nov. sov. i inostr. lit. po stran. Az. i Afr.* nos. 4-6 '68.

01(63)—Ethiopia and Eritrea

The national bibliography of Ethiopia. A. A. Sanfirova, *Sov. bibl.* no. 5:82-83 '67.

01(67)—Polar regions

[Catalog of Data and Publications on the Arctic and the Antarctic of the IGY World Data Center B] *Kat. dan. i publ. po Ark. i Antark.* no. 3 '67.

01.1 Bibliographies on philosophy

New books on philosophy. *Nauch. dokl. vys. shkoly: filoz. nauki* II no. 3:182-184 '68.

[New foreign literature on philosophy] *Nov. inostr. lit. po filoz.* no. 7 '68.

[New Soviet and foreign literature on the problems of atheism and religion] *Nov. sov. i inostr. lit. po vop. aizm.* I vol. nos. 9-12 '67, nos. 1-3, 6 '68.

[New Soviet literature on philosophy] *Nov. sov. lit. po filoz.* no. 11 '67, no. 7 '68.

01.3 Bibliographies on social sciences, law, military and naval sciences, education

Compiling a classified bibliography of Soviet economic literature, S. S. Filipova, *Sov. bibl.* no. 5:22-32 '67.

[Distribution and specialization of agricultural production. A bibliography list of national literature for 1960-1967] *Razmeshchenie i spetsializatsiya sel'skokhozyaistvennogo proizvodstva. Bibliogr. ukazatel' otechestv. literatury za 1960-1967 gg.* Moskva, 1967, 92 p.

New books. *Part. zhizn'* no. 17:66 S '68.

New books of the "Ekonomika" Publishing House. *Ekonomika* 10 no. 4:14, 50 Ap '68.

[New foreign economic literature] *Nov. inostr. ekon. lit.* nos. 5-8 '68.

New legal literature published in the U. S. S. R. *Sov. gos. i privo. na. 6:161-165* Je '68.

[New Soviet economic literature] *Nov. sov. ekon. lit.* nos. 4-5 '68.

01.4 Bibliographies on philology and language

[New foreign literature on linguistics] *Nov. inostr. lit. po lingv.* no. 6 '68.

[New Soviet literature on linguistics] *Nov. sov. lit. po lingv.* nos. 5-6 '68.

01.5 Bibliographies on mathematics and natural sciences

Bibliography. *Inform. bliz.* *Sov. antark. eksp.* no. 67: 97-100 '68.

Bibliography. *Inform. bliz.* *Sov. antark. eksp.* no. 66:82-85 '68.

[Bibliography of studies of the laboratory personnel of the Institute of General and Inorganic Chemistry of the Academy of Sciences of the Ukrainian S. S. R. in Odessa, 1945-1966] *Bibliografiya izrudov sotrudnikov laboratorii instituta obshchego i neorganicheskoi khimii AN USSR v Odesse, 1945-1966 gg.* Kiev, "Naukova dumka," 1967, 47 p.

Literature. *Geol. most. rok. olem.* no. 33:188-190 '67.

New books on physics. T. O. Vreden-Kolotetskaya, *Usp. fiz. nauk* 95 no. 2:391-396 '68.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] *Nov. knigi za rub. Ser. A* 21 no. 8 Ag '68.

Nikolai Ivanovich Vaylov, Veluph, stat'ia A. A. Fedorova. *Bibliogr. soot. R. i. Gorlachovoi* L. M. Zhukovoi. Moskva, "Nauka," 1967, 138 p. (Materialy k bibliografii uchenykh SSSR. Seriya biol. nauk. Gosekha, Vyp. 1).

[Study of the geology of the U. S. S. R.] *Geologicheskaya techennost' SSSR. Glav. red. V. V. Tikhonov.* Leningrad, "Nauka."

T. B. [Komi A. S. S. R. Period 1948-1965] *Komi ASSR. Period 1948-1965*. Vyp. 1, 1968, 156 p.

01.6 Bibliographies on applied sciences, medicine, technology

Atropova, R. A., and E. A. Alieva. [M. K. Cantov. Bibliography] *M. K. Cantov. Bibliografiya*, Baku, Izd. AN AzSSR, 1967, 128 p. (Dolozheniya na I kon'ferentsii Azerbaidzhan).

[Bibliography of foreign bibliographies on chemistry] *Bibliografiya inostrannoi bibliografii po khimii*. Moskva, "Nauka."

Vyp. 1. [Separately published bibliographic indexes and citation bibliography for 1930-1964] *Otdel'no izdannyye bibliograficheskie ukazateli i prilozheniya bibliografiya 1930-1964 gg.* 1966, 202 p.

Index of books on neuropathology, psychiatry, and related disciplines received at the State Central Scientific Medical Library in October-November 1967. E. A. Akhutin, *Zhur. nevro. i psikh.* 68 no. 2:300-302 '68.

Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines defended during 1967 and received at the State Central Scientific Medical Library during the 3d quarter of 1967. M. L. Vilebanakata, *Zhur. nevro. i psikh.* 68 no. 2:302-304 '68.

01.6 (Continued)

Nemirovskii, E. I. [Patent literature on the problems of the printing and publishing industry. Inventions of Soviet printers during the last 50 years. 1917-1967. An index of licenses and patents in the field of printing.] Patentnaya literatura po voprosam poligraficheskogo proizvodstva. Izdaniye svedeniya svedeniya i svedeniya po voprosam poligrafii. Moskva, "Kniga," 1967. 238 p. (Seriya bibliogr. spravochnoy).

[Organization of production in various branches of the machine-tool industry. Bibliographical index of Soviet literature (1917-November 1957). Organizatsiya proizvodstva v razlichnykh otraslyakh stroitel'stva mashinostroyeniya. Bibliograficheskiy ukazatel' otechestvennoy literatury (1917-noyabr' 1957 gg. i Moskva, 1957. 64 p.

Starobinskaya, N. G. [General technological bibliography. Bibliography of the history of technology. Bibliography. Catalogs of the publishing houses specialized in different technological fields. Bibliography in technical bibliography. Bibliography of recommended books on technology. Bibliography of the economics of industry and technical aesthetics.] Obshchekhnicheskaya bibliografiya. Bibliografiya po istorii tekhniki. Bibliografiya po ekonomike promyshlennosti i po tekhnicheskoi estetike. Moskva, 1958. 20 p. (Kursy povysheniya kvalifikatsii rukovodivshchikh, inzh. i tekhn. i nauch. rabotnikov. Bibliografiya. Nauchno-spravochnyye. (Leksik.) Tena 31.

01.7 Bibliographies on the arts, entertainment, sport
Kananov, P. Kh., and I. P. Vulykh. [Foreign literature on music. Index of abstracts of books for 1954-1958.] Zarubezhnaya literatura o muzyke. Referativnyi ukazatel' knig za 1954-1958 gg. Moskva, "Sov. kompozitor," Vyp. 2, Ch. 2, 1957. 110 p.

01.8 Bibliographies on literature

Kivi, Osvald. [Estonian belles lettres, folklore and criticism in Russian and other languages of the peoples of the U. S. S. R. 1956-1965.] Estonskaya khudozhestvennaya literatura, folklor i kritika na russkom i drugikh yazykakh na rodov SSSR 1956-1965. Bibliografiya. Tallinn, "Eesti raamat," 1968. 519 p.

01.7 CATALOGS

Some problems in the methodology and organization of printed classified catalogs. T. N. Denel'erko. Sov. bibl. no. 5:40-17 '67.
[Soviet long-playing phonorecords.] Sov. dolgoigr. gramplast. nos. 1, 6-8, 10-12 '67, nos. 1-4 '68.

02 LIBRARIES, LIBRARIANSHIP

Brief news. Sov. bibl. no. 5:70-74 '67.
Let us improve our library service and bibliographic advice to farmworkers. A. S. Sierlin. Sov. bibl. no. 5: 67-70 '67.
[Library and bibliographical classification. Tables for scientific libraries.] Biblioteko-bibliograficheskaya klassifikatsiya. Tablitsy dlya nauch. bibliotek. Moskva, "Kniga," Vyp. 23. 10. [Philosophical sciences. Psychology.] Filosofskie nauki. Psikhologiya. 1967. 233 p.
[Library and bibliographical information.] Bibliot. bibl. inform. no. 1 '68.
A library conference in Novosibirsk. Sov. bibl. no. 5: 66-67 '67.
Some current problems of library work in the field of local history. I. A. A. Briskman and others. Sov. bibl. no. 5:48-53 '67.

02(471.41)—Tatar A. S. S. R.

Rural clubs and libraries. F. Zhilkin. Part. zhizn' no. 17-60-63 S '68.

03 ENCYCLOPEDIAS, DICTIONARIES, REFERENCE BOOKS

Bayle, Pierre. [A historical and critical dictionary. In two volumes. Translated from the French.] Istoriicheskii i kriticheskiy slovar'. V 2 kh. t. Moskva, "Mysl'," 1968. 2 v.
[The Communist. A calendar and reference book. 1968.] Kommunist. Kalendarny spravochnik. 1968. [Moskva, Politizdat, 1967] 283 p.
[Encyclopedia of measurements, control, and automation.] Entsiklopediya izmorenii, kontrola i avtomatizatsii. ETKA. Moskva, "Energiya," Vyp. 9, 1968. 85 p.
[German-Russian technical dictionary. Approximately 40,000 terms.] Nemetsko-russkiy tekhnicheskii slovar'. Okolo 40 000 terminov. Pod red. L. I. Barona. Izd. 2-o, stereotip. Moskva, "Sov. ensiklopediya," 1968. 726 p.
Levelchenko, S. F., L. G. Skrypnik, and N. P. Dziankovskaya, comps. [Dictionary of personal names of people.] [Ukrainian-Russian and Russian-Ukrainian] Slovar' sobivennykh imen liudi. (Ukrainsko-russkiy i russko ukrainskiy). 3-o izd., ispr. i dop. Pod red. S. F. Levelchenko. Kiev, "Naukova dumka," 1967. 109 p.

Domanska, A. V., and A. N. Myreva. [Dialectal dictionary of the Evenk language. Materials on the dialects of the Evenks of Yakutia.] Dialektologicheskiy slovar' evenkiskogo yazyka. Materialy govorn evenkov Yakutii. Pod red. G. M. Vasilievich. Leningrad, "Nauka," 1968. 215 p. (Dialektol. materialy po govornam evenkov Yakut. ASSR. Vyp. 3).

[Russian-Moldavian technical dictionary.] Russko-moldavskii tekhnicheskii slovar'. Kishinev, Editura "Limuzina," 1967. 251 p.

Zhukov, V. P., comp. [Dictionary of Russian proverbs and sayings.] Slovar' russkikh posloviits i pogovorok. Izd. 3-i, stereotip. Moskva, "Sov. ensiklopediya," 1968. 535 p.

05 PERIODICALS. REVIEWS

[Chronicle of periodical articles.] Let. zhur. st. nos. 29-30 '68.

[The Communist. A calendar and reference book. 1968.] Kommunist. Kalendarny spravochnik. 1968. [Moskva, Politizdat, 1967] 283 p.

[The Earth and people. 1968.] Zemlja i ljudi. 1968. [Moskva, "Mysl'," 1967] 303 p.

The first issue of "Morskoi obozretie" 50 years ago. Mor. obozr. 51 no. 3:50-51 Mr '68.

Notice combat readiness of our own navy. V. A. Krasotlov. Mor. obozr. 51 no. 3:9-12 Mr '68.

Readers are discussing the work of the journal "Tsvetnoye Metallo." Tsvet. met. 41 no. 2:88-92 F '68.

Results of the work, and further objectives of the Akhmetov Institute Scientific Research Institute for the Mechanical Processing of Minerals. I. M. P. Nersisyanov. Obog. rud. 12 no. 4:5-7 F '67.

Suggestions of our readers. V. I. Danilovskiy, M. I. Likhovoy, N. K. Iokh. vye. shkoly. (Mosk. nauch. II no. 3:179-189 '68).

A turbine for Soviet sailors: "Aviatsiya i kosmonavtika" is 50 years old. Kryl. rud. 19 no. 6:11 Je '68.

05(431)—German Democratic Republic

Articles published in "Deutsche Zeitschrift für Philosophie" in 1967, some methodological problems. Z. N. Zaitseva. Nauch. dokl. vye. shkoly. (Mosk. nauch. II no. 3:156-158 '68).

05(477)—Ukrainian S. S. R.

[Concise address book.] Korotkaya adresno-dovozhaya knyha. Kyiv, "Reklama," 1967. 395 p.

[The press of the Ukrainian S. S. R., 1917-1966. A statistical reference book.] Pressa Ukrainy na RSR, 1917-1966. Statystichnyi dovydnik. Kharkiv, 1967. 145 p.

The 30th anniversary of the Ukrainian legal periodical. Rad. pravo no. 6:3-7 Je '68.

06.06 Exhibitions, competitions, examinations

Appearance of the village is changing. M. Evseeva. Zhil. stroit. II no. 2:28-30 '68.

At the Exhibition of Achievements of the Soviet National Economy. A. I. Volkova. Mekh. stroit. 24 no. 4:24-28 Ap '67.

Awards at the Exhibition of Achievements of the Soviet National Economy to the participants of the exhibition of construction and road machinery. Stroit. i dor. mash. 13 no. 1:37-39 Ji '68.

Creative genius of youth in the engineering field in honor of the Great October Revolution. I. I. Gornberg. Stroit. i arkht. inzh. 8 no. 11:37-39 N '67.

Creative meetings in the "Soviet Culture" Pavilion. I. Korol'chuk. Inform. bibl. VDNKH no. 1:27-29 Ja '68.

Evaluating designs of residential and communal structures. E. Dobrusklo. Inform. bibl. VDNKH no. 1:12-14 Ja '68.

The exhibition bears witness to the experience of the economic reform. S. Osadchenko. Inform. bibl. VDNKH no. 1:4-6 Ja '68.

The exhibition is of interest to everybody. S. Nikonov. Inform. bibl. VDNKH no. 1:7-9 Ja '68.

Exhibition of Achievements of the Soviet National Economy, 1968. V. Abramov. Inform. bibl. VDNKH no. 1: 2-3 Ja '68.

Exhibition of automation equipment for engineering and technical operations. Bol. i zhol. bol. 13 no. 1:44-47 Ja '67.

Exhibition of fur-bearing animals. S. Potapov, A. Chisarikov. Sov. potreby. koop. 12 no. 2:40-41 F '68.

Finnish exhibition. L. Peironka. Atom. energ. 24 no. 6:580-591 Je '68.

Human work for the welfare of mankind. L. Seregina. Inform. bibl. VDNKH no. 1:32 Ja '68.

International Exhibition "Interbytmas-68." Stroit. i dor. mash. 13 no. 4:33 Ap '68.

Machine tools for electrophysical and electrochemical treatment at the Exhibition of Achievements of the National Economy of the U. S. S. R. V. A. Kostin. Vost. mashinstro. 48 no. 5:82-83 My '68.

Materials of the Exhibition of Achievements of the National Economy of the U. S. S. R. should be fully used in the construction industry. K. V. Erasmov. Transp. stroit. no. 6:3, 31 My '68.

New developments in the "Petroleum Industry" Pavilion. V. Plonskiy. Inform. bibl. VDNKH no. 1:9-10 Ja '68.

News from the Exhibition of Achievements of the National Economy of the U. S. S. R. Vod. i san. toid. no. 7:34 Ji '68.

[The second exhibition "Soviet Russia"] Vostok vystavka "Sovetskaya Rossiya." Sbornik stat. Leningrad, "Khudozhnik RSFSR," 1967. 214 p.

Seminar on water treatment at the Exhibition of Achievements of the National Economy of the U. S. S. R. Vod. i san. toid. no. 6:4 of cover Ja '68.

Socialistic pledges made by workers, engineers, technicians and employees of enterprises, organizations, and institutions of the Ministry of Geology of the U. S. S. R. on the fulfillment of the five-year plan of geological prospecting ahead of time. Sov. geol. 1 no. 4:3-6 Ap '68.

Water economy of the world at EXPO-67. N. A. Abdrayev. Gidrot. i mol. 20 no. 5:94-100 My '67.

06.09 Historic, inaugural, commemorative celebrations

Towards Lenin's anniversary. Part. zhizn' no. 17:34-63 S '68.

06.09(471.310)—Moscow City

Moscow on the eve of Lenin's anniversary: preliminary measures for the 100th anniversary of V. I. Lenin's birth. Part. zhizn' no. 17:15-21 S '68.

061 Institutions, associations, congresses, etc.

[Aerial photography and its application. Transactions of the Ninth All-Union Conference on Aerial Photography. Leningrad, March 16-20, 1966.] Aerofotograficheskoye soderzheniye. Trudy IX Vsesoyuz. soveshchaniya po aerofotografii. Leningrad, 16-20 marta 1966 g. Leningrad, "Nauka," 1967. 416 p.

The All-Moscow seminar on the chemistry of fuel and carbon for Moscow Province. Khim. i tekhn. 81 no. 1:101-104 My '68.

All-Union conference of refractory workers. N. K. Fyodorov. Stroit. 28 no. 3:223-226 Mr '68.

All-Union conference (seminar) of group leaders on analysis of foliage and plants of zonal agricultural laboratories. G. I. Poshin. Khim. i tekhn. 6 no. 8:77-78 Jo '68.

All-Union seminar of the workers of the alcohol industry. G. O. Dodynov. Prom. i spirt. prom. 34 no. 5:43-44 '68.

All-Union coordinating conference on the protection of fur crops from pests, diseases and weeds. N. N. Melnikov. Khim. i tekhn. 6 no. 8:70 Jo '68.

All-Union scientific technological conference on the use of mercury and lead vapor fumigation during electrical blasting in mines. G. A. Berdikhov, N. V. Khokhlov. Gorn. zhur. 113 no. 4:177 Ap '68.

An anniversary scientific and technical conference of the Oleson Polytechnical Institute. K. I. Pavlovskiy, I. I. Muzardskiy. Radiofizika 23 no. 5:107-108 My '67.

At the Eighth Conference on Age-Related Morphology and Biochemistry. A. A. Vukovich, V. S. Zerkov. Probl. embol. 14 no. 3:122-123 My '68.

At the enlarged session of the Committee of the S. S. R. Mining Inspection of the U. S. S. R. Sov. trudn. v gorn. 12 no. 4:57-58 Ap '68.

At the 5th All-Union Congress of the Scientific and Technological Society of Mining. Usp. gorn. 12 no. 3:54 My '68.

Board activities of the Leningrad Society of Naturalists in 1955-1966. I. N. Vinokurova-Shevtsova. Trudy Leningrad. obshch. 73 no. 1:17-19 '68.

[Bulletin of international scientific meetings, conferences and congresses.] Bul. mezhdunar. nauch. s'ezd., konf. i kongr. nos. 10-12 '67, nos. 1-8 '68.

[Continental of the Red Cross in our country.] 100 let Krasnogo Kresta v nashei strane. Pod red. G. A. Mitorova. Moskva, "Meditsina," 1967. 206 p.

Conference dedicated to the use of psychokinetic and parapsychic in gastroenterology. G. I. Bilich. Vost. i dol. no. 8:106-107 My '68.

Conference held at the Ivanovo Vozovsk Engineering Institute. Elektrotekhnika 30 no. 4:81 Ap '68.

Conference of the active workers of the system of the Main Administration for the Transportation and Supply of Petroleum and Petroleum Products of the U. S. S. R. V. V. Razumov. Transp. i khim. no. 1:1 nepred. no. 4:31-33 '68.

A conference of theoretical physics of Moscow propagandists. V. Ivanov. Mezhdunar. zhizn' 15 no. 5:161 '68.

Conference on problems of studying the stability of stress in the open-pit mines of ferrous metallurgy. I. T. Zerkov. A. I. Ilin. Gorn. zhur. 113 no. 4:76 Ap '68.

Conference on the problem "Clinical aspects and treatment of epilepsy." I. D. Shevchuk, A. P. Kosin. Znan. nov. i psikh. 66 no. 2:308-311 '68.

Conference on the purification of sewage. Vod. i san. toid. no. 7:38-39 Ji '68.

Conference on life in London. M. Shtempok, I. Yatsenka. Sov. geol. 11 no. 4:137-168 Ap '68.

Conference on traffic safety in Praha. A. Sokolov. Av. i tranp. 46 no. 4:46-47 Ap '68.

Coordinating conference on the automation of water supply systems. G. Polinskiy, A. Avdeev. Gidrot. i mol. 20 no. 6:114-115 My '68.

Coordination conference on the research in the field of industrial ventilation for chemical plants. Vod. i san. toid. no. 7:39 Ji '68.

Cybernetics and planning. Ekon. i zhizn' 10 no. 4:12-21 Ap '68.

Economic reform and problems of planning. M. Gerasimov, S. Nedorozhko. Plan. khoz. 44 no. 7:81-88 Ag '68.

[New Soviet literature on philosophy] Nov. sov. lit. po filoz., no. 11 '67, no. 7 '68.
 Problems of movement and development in Anaxagoras' teaching. I. N. Pozharov. Vop. filoz. nauk. 55 no. 2:335-351 '61.

100 Marxist philosophy. Dialectic materialism

Interrelation of the objective and subjective aspects of a dialectical fact. M. M. Gerasimov. Vest. LGU. 23 no. 3:141-146 '61.
 Determination and its scientific approach. M. S. Gerasimov. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:76-83 '66.
 Karl Marx and the theory of reflection. I. S. Narzikul. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-14 '66.
 Kasyanov, A. Kh. [How to read and study V. I. Lenin's "Philosophical notebooks"] Kak chitat' i izuchat' "Filosofskie tetrady" V. I. Lenina. Moskva, Politizdat, 1958. 167 p.
 Criticism on philosophy. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:183-184 '68.
 Suggestions of our readers. V. I. Radchenko, M. L. Lukatskiy. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:171-172 '68.
 Working out some new categories of materialist dialectics in the Soviet period. R. A. Zibor. Vest. LGU. 23 no. 3:171-172 '68.

100(431)—German Democratic Republic

Articles published in "Deutsche Zeitschrift für Philosophie" in 1957, some on philosophical problems. Z. N. Zaitseva. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:154-158 '68.

100(51)—China

Revised history of philosophy; philosophical features of the "Mao Tse-tung." A. G. Gid. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:137-137 '68.

14 PHILOSOPHICAL SYSTEMS

Korneev, P. V. [Contemporary philosophical anthropology. (Some problems and guiding principles)] Sovremennaya filosofskaya antropologiya. (Nekotorye problemy i napravleniya). Moskva, Izd. Mosk. un-ta, 1957. 68 p.

159.8 PSYCHOLOGY

Bzhalya, L. T. [Set and behavior] Ustanovka i povedeniye. Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Biologiya. 5).
 Clinical typology of psychotic states in circular schizophrenia. A. A. Levinson. Trudy Tazh. med. inst. 91:125-161 '67.
 Criminal responsibility and 'freedom of will.' A. I. Samatov. Vest. LGU. 23 no. 5:119-123 '68.
 Moral and psychological training of launch crews. A. I. Bakutskiy. Muz. zabor. 51 no. 3:33-37 '68.
 Principal trends in research in engineering psychology. D. I. Agelkin, A. I. Galaktionov, L. V. Faltin. Prib. i ust. zap. no. 10:58-61 '67.
 Problems of the perception of beliefs tellures in the light of information theory. V. G. Felolova. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:68-75 '68.
 Psychopathology of acute Kerdinekh's syndrome. G. I. Zaitseva. Trudy Tazh. med. inst. 91:179-186 '67.
 Some remarks on the nature of the psyche. I. U. F. Brikatov. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:104-113 '68.
 A specific following reaction in sparrows. A. A. Askharov, G. P. Puzerova. Zh. vuz. vuz. det. 18 no. 3:433-440 Mye '68.
 Study of the psychological loads on operators of crossed sawmills with the aid of modeling schemes. A. A. Kudinov. Izv. vuz. ucheb. zav. i les. zhur. II no. 1:157-158 '68.

16 LOGIC. THEORY OF KNOWLEDGE. REASONING

Principles of alephicity and symmetry. E. A. Mamchur, N. F. Oshchinkov. Priroda no. 6:2-11 '68.

164 Logical calculation and logics

Lagdon, I. M. [Unusual algebra] Neobyknovennaya algebra. Moskva, "Nauka," 1968. 71 p. (Popul. tekhn. po matematike. Vyp. 45).

17 ETHICS. MORALS. CONVENTIONS

[Listen to us, time!] Slushai nas, vremia! Moskva, Izd. "Mol. gvardia," 1967. 274 p.
 The individual, society, and the state. D. N. Rishov. Vest. Mosk. un. Ser. 9:Pravo. 23 no. 4:16-56 JI-Ag '68.

18.01 AESTHETICS AND TASTE

Nikolaev, P. A. [Aesthetics and the literary theories of C. V. Plekhanov] Estetika i literaturnye teorii G. V. Plekhanova. Moskva, "Iskusstvo," 1968. 244 p.

19 HISTORY OF PHILOSOPHY

19(44)—France

Bayle, Pierre. [A historical and critical dictionary. In two volumes. Translated from the French] Istoricheskiy i kriticheskiy slovar'. V 2-kh t. Moskva, "Mysl," 1988. 2 v.

2. RELIGION

20 RELIGION IN GENERAL

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. lit. po vop. ateiz. i rel. nos. 9-12 '67, nos. 1-3, 6 '68.

21 RELIGION AND SCIENCE

Adibaghev, I. I. [Seven mysteries of the world] Sem' zagadok mira. Moskva, "Znanie," 1958. 32 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Estestvoznaniye i religiya." 4).
 Kats, A. L., and N. F. Zhidov. [Reason versus the elements] Razum protiv skibit. Moskva, "Znanie," 1968. 47 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Estestvoznaniye i religiya." 6).
 211 Atheism

[New Soviet and foreign literature on the problems of atheism and religion] Nov. sov. i inostr. lit. po vop. ateiz. i rel. nos. 9-12 '67, nos. 1-3, 6 '68.

215 Antireligious propaganda

Aboteneva, A. G. [A heart-to-heart talk. (From experiences of individual work with religious people)] Razgovor po dusham. (Iz opyta individual'noy raboty s veruyushchimi). Leningrad, 1968. 38 p.
 Atheistic training of students in geography lessons: based on work experience from schools of the Turkmen S. S. R. A. Keshikov. Uch. zap. Turk. gos. un. no. 40: 23-39 '69.

28 CHRISTIAN CHURCHES AND SECTS

Christianity in the tenth century. K. V. Somov. Brat. vest. no. 2:51-67 '68.
 Christianity and New Year messages to the All-Union Council of Evangelical Christian Baptists. Zh. ist. vest. no. 2:13-19 '68.
 Epistle to the Ephesians (to be continued). O. A. Flork. Brat. vest. no. 2:31-39 '68.
 The First Epistle to the Thessalonians (to be continued). S. P. Fashchuk. Brat. vest. no. 2:45-48 '68.
 The General Epistle of Apostle James (to be continued). A. I. Shishchik. Brat. vest. no. 2:39-44 '68.
 News from the parish. Brat. vest. no. 2:75-79 '68.
 To Brother Mikhail Yakovlevich Zhidkov, member of the All-Union Council of Evangelical Christian Baptists and preacher of the Moscow Parish. Brat. vest. no. 2:72-74 '68.
 Tropa of Austria, Japan, and the German Democratic Republic. A. K. S. Brat. vest. no. 2:7-11 '68.

28(471.321)—Orel Province

The 60th anniversary of the Orel Parish. I. L. Khilnikova. Brat. vest. no. 2:75-76 '68.

28(471.43)—Kuybyshev Province

History of the Kuybyshev Parish of Evangelical Christian Baptists. A. I. Gracheva. Brat. vest. no. 2:10-21 '68.

28(477)—Ukrainian S. S. R.

Lypchuk, V. V., and M. P. Polovinn. [Against slanderous charges that the Ukrainian Autonomous Orthodox Church is moving toward the union with the Catholic Church. (A sermon)] Proty sluzhby, naby UAPPA pitalam do unit. (Prosvit). [in p.] Ukrains'ka Pravoslavna Aktsia, 1967. 12 p.

3. SOCIAL SCIENCES, ECONOMICS, LAW, GOVERNMENT, MILITARY AND NAVAL SCIENCE. EDUCATION

30 SOCIAL SCIENCES

A discussion of the problems of scientific information and prognostication in social sciences. O. A. Gavrilov. Sov. gos. i pravo no. 6:141-142 Je '68.
 [Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. bul. nov. inostr. knig. postup. v Bibl. im. V. I. Len. Ser. 3. 11 nos. 18, 21-25 Jo-8 '68.
 Nepov, I., and A. Kuznetsov. [Russian-Dungan dictionary of sociopolitical terms. (A draft)] Russko-dunganskii slovar' obshchestvenno-politicheskikh terminov. (Proekt). Frunze, "Ilim," 1967. 124 p.
 New books. Part. zhizn' no. 17:80 S '68.
 Prospects of further development of social sciences and their role in communist buildup. Dop. AN URSR. Ser. A 30 no. 4:381-384 Ap '68.
 30.07 Young people

Cheremashova, E. M. [Initiation into the working class] Povzhanchevo v vakhchil klass. [Moskva] "Mol. rabochi," 1967. 95 p.

[Listen to us, time!] Slushai nas, vremia! Moskva, Izd. "Mol. gvardia," 1967. 274 p.

30.07(471.61)—Ruslov Province
 Youth steps into life. Iz. zhizni. Soz. obzap. 43 no. 4: 42-43 Ap '68.

30.07(73)—United States of America

Freetz instead of idealism "spiritual values" offered in the United States to a young person beginning a career: an observer's notes. V. Bol'shakov. Agitation no. 9:10-13 My '68.

300.1 Marxism-Leninism

Externally vital, victorious Marxism. Izv. vuz. ucheb. zav. i les. zhur. 10 no. 4:3-4 My '68.
 K. Marx and problems of the theory of the conditions of socialism. Ekonom. iad. zar. 10 no. 5:3-12 My '68.
 Methodological principles of determining the international division of labor in K. V. Kuznetsov. Ekonom. iad. zar. 10 no. 5:1-4 My '68.
 The party's concern for political education of the people. A. Dmitriyev. Part. zhizn' no. 5:1-4 My '68.

300.1(439)—Hungary

Leninism in Hungary. P. Sander. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:129-136 '68.

300.11 Marx and Engels, their works

At the sources of international philosophy. E. Hagan. Mezhdunar. zh. 13 '68.
 Economic theories of K. Marx in the light of the philosophy of antimaterialism. Ekonom. iad. zar. 10 no. 5:20-23 My '68.
 Founder of scientific communism. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-7 My '68.
 Great thinker and revolutionary: on the 150th anniversary of the birth of K. Marx. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-7 My '68.
 His name and cause will outlast the centuries. 10 no. 3:5 Je '68.
 Initial point of political economy. V. I. K. Marx and the problem of identity of communism. V. I. K. Marx. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-31 '68.
 K. Marx on the economic development of the USSR. Vop. ekon. no. 3:17-21 '68.
 Karl Marx and the theory of reflection. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-31 '68.
 Origin and development of the dialectic method: a study of history in K. Marx and Engels. A. I. Kondratyev. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-31 '68.

300.12 Lenin, his works

Following the testament of Lenin in the party. Ekonom. iad. zar. 10 no. 4:3-4 My '68.
 How V. I. Lenin developed K. Marx's state. N. Karabur. Sov. gos. i pravo, no. 6:141-142 Je '68.
 Kasyanov, A. Kh. [How to read and study V. I. Lenin's "Philosophical notebooks"] Kak chitat' i izuchat' "Filosofskie tetrady" V. I. Lenina. Moskva, Politizdat, 1958. 167 p.
 Kuznetsov, V. I. [V. I. Lenin on the building of socialism and communism in our country. (A collection of works)] V. I. Lenin na stroitel'stvo i razvitiye sotsializma i kommunizma. Moskva, "Znanie," 1968. 412 p. (Nauka, tekhnika, Seriya "Izbr. sochineniya V. I. Lenina." 5).

Lenin, V. I. [Selected works, in three volumes] V. I. Lenin. Moskva, 1968. 3 v.

Lenin's legacy. A. A. Kravtsov. Izv. vuz. ucheb. zav. i les. zhur. 10 no. 4:3-4 My '68.

Leonov, F. D., and F. I. Opatikhin. [V. I. Lenin's revolution and Kautsky, O. Kautsky V. I. Lenin "Proletarskaya revolyutsiya i Kautskiy, O. Kautskiy"] Moskva, Izd. polit. i ekonom. nauch. i teoret. KPSS, 1968. 128 p.

On combat duty in Lenin's party. Kom. gos. i pravo. 1968. 128 p.

V. I. Lenin on American imperialism. Vest. protivovozn. otz. no. 4:0-11 '68.

[V. I. Lenin's theory of imperialism and its role in the development of the USSR] V. I. Lenin o teorii imperikalizma i ego roli v razvitiye SSSR. Moskva, "Nauka," 1967. 464 p.

300.2 History and development of Marxism

Working out some new categories of social sciences in the Soviet period. R. A. Zibor. Vest. LGU. 23 no. 5:40-58 My '68.

300.3 Historical materialism

Correlation of the objective and subjective historical fact. N. M. Doroshenko. Vest. LGU. 23 no. 5:86-92 My '68.
 M. V. Sorokobakov's works in the field of the history of philosophy. V. I. Kuznetsov. Nauch. dokl. vuz. shkoly. filoz. nauk. II no. 3:1-31 '68.

300.4 Dictatorship of the proletariat

How V. I. Lenin developed K. Marx's theory of the dictatorship of the proletariat. N. Karabur. Sov. gos. i pravo, no. 6:141-142 Je '68.

300.46 Socialism and communism

The main trend. I. U. Zhilin. Mir. ekon. iad. zar. 10 no. 4:3-13 '68.

tionary democracy. K. Brutents. Mir. ekon. i sots. nauk, no. 124-35 '68.

Transition from socialism to communism

are in the struggle for the creation of a new socialist basis of Communism. Ist. i teoret. voprosy, 12 no. 8-1 Ag '68.

Communist system

tionary socialist production relations.

1. Mir. ekon. i mezhduar. otn., no. 4-61.

Communism outside the Soviet Union

80. 582(497.21)—Bulgaria

Revolution and Bulgarian cooperatives. Sov. putch. korp. 12 no. 2:56-59 F '68.

80. 582(439)—Hungary

in Hungary. P. Sandor. Nauch. dokl. vyz. shkoly, Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

Changes in the social structure of Soviet

M. N. Rutkovskii. Nauch. dokl. vyz. shkoly, Ist. i teoret. voprosy, 12 no. 3:41-53 '68.

Changes in the social structure of Soviet

Professy izmeneniya sotsialnoi struktury v obshchestve. Sverdlovsk, 1967, 211 p.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

1. Ist. i teoret. voprosy, 12 no. 3:120-136 '68.

31 STATISTICS

Analysis of agricultural production. P. Gulev. Plan. khoz., 44 no. 8:54-59 Ag '68.

Udenich, N. V., and I. S. Sonnikov. [Statistics of the consumer service industries] Statistika bytovogo obsluzhivaniya i sel'skoy khoz. Moskva, "Legkaya industriya," 1968, 132 p.

Planned model of production and the realization of the national product and national income. V. Belkin. V. Ivanov. N. Kuznetsov. Vop. ekon., no. 5:58-69 My '68.

Statistics at the new stage. A. Dolarskii. Vop. ekon., no. 5:54-59 My '68.

31(477)—Underdeveloped and underdeveloped areas

Industrial production of capitalist and developing countries. Mir. ekon. i mezhduar. otn., no. 4:152-155 '68.

31(479.104)—Capitalist countries of the world

Industrial production of capitalist and developing countries. Mir. ekon. i mezhduar. otn., no. 4:152-155 '68.

31(498)—European communist countries as a group

Production of articles of national consumption in the countries participating in the Mutual Economic Assistance Council. A. Strogova. Vop. ekon., no. 5:127-131 My '68.

31(471.328)—Tambov Province

[Tambov Province during 50 years of the Soviet regime. A statistical abstract] Tambovskaya oblast za 50 let Sovetskoy vlasti. Stat. sbornik. Tambov, "Tambovskaya pravda," 1967, 187 p.

31(471.43)—Kuybyshev Province

[The city of Kuybyshev during 50 years of the Soviet regime. Facts and figures] Gorod Kuybyshev za 50 let Sovetskoy vlasti. Stat. sbornik. Kuybyshev, Kn. izd., 1967, 123 p.

31(477.8)—Western Ukraine

[Economy of Ternopol Province. A statistical abstract] Narodnoe khoz. Ternopol'skoy oblasti. Statisticheskyy sbornik. Kyiv, "Statystyka," 1967, 263 p.

31(675.1)—Uzbek S.S.R.

[Economy of Samarkand Province. A statistical abstract] Narodnoe khoz. Samarqandskoy oblasti. Stat. sbornik. Samarqand, 1967, 350 p.

31(675.3)—Tajik S.S.R.

[Economy of the Tajik S.S.R.] Ekonomika Tadzhikskoy SSR. Moskva, "Ekonomika," 1967, 102 p. (Soluzhnoye resheniye v novoy platfome, 1966-1970).

[Studies on the history of the national economy of Tajikistan (1917-1965)] Ocherki istorii narodnogo khoz. i kul'tury Tadzhikistana (1917-1965 gg.). Pod red. I. K. Narzikulova, Kh. S. Shidmurodova i G. Ia. Kirilova. Dushanbe, "Donik," 1967, 493 p.

311 Statistical theory and methods

Yekhtelov, V. A. [Statistics on capital investments in railroad transport. Textbook for fourth-year students specializing in "Economics and organization of railroad transport." "Economics and organization of construction work (on railroads)." "Organization of mechanized processing of economic information." Statistika kapitalnykh vlozheniy v zhелеznodorozhnyy transport. Ucheb. posobie dlya studentov IV kursa spetsial'nosty "Ekonomika i organizatsiya zh. d. i. transporta." "Ekonomika i organizatsiya stroitel'stva (na zh. d.)." "Organizatsiya mekhanizirov. obrabotki ekon. informatsii." Moskva, 1968, 23 p.

Indices of the evaluation of the level of specialization according to the type of machinery. E. A. Kiselev. Trudy LPI, no. 288:31-37 '67.

Statistical analysis of the actual length of service of welding transformers. A. I. Pechman. Trudy LPI, no. 288:98-102 '67.

There is need for modern textbooks and manuals. G. Bektanov. Vop. ekon., no. 5:155-156 My '68.

Use every possibility. P. Rabinovich. Vop. ekon., no. 5:155 My '68.

The use of telegrams of invention specifications in patent departments of enterprises. R. N. Grinkevich, A. P. Kolesnikov. Vop. izobr., no. 5:31-35 My '68.

31(471.232)—Leningrad City

Studying the influence of specialization on the use of different types of assembly lines. E. M. Korik. A. P. Orlov. IA. Sh. Gelfond. Trudy LPI, no. 288:21-30 '67.

313 Statistics of morbidity, disability, etc.

Clinical and statistical study of senile psychoses. N. F. Shekhtmatov. Zhur. nevrol. i psikh. 68 no. 2:220-226 '68.

32 POLITICAL SCIENCE. POLITICS. CURRENT AFFAIRS

A political dictionary. Agitator, no. 9:63 My '68.

32(587)—Vietnam

Mazayev, A. G. [Fighting Vietnam] Strazhushchaya V'etnam. Moskva, "Znanie," 1968, 48 p. (Novoe v zhitii nauko, tekhnike. Seriya "Mezhduar.," 6).

32(73)—United States

Mitrokhin, I. N. [Anticommunism in the U. S. A. (The ideology of right-wing extremism)] Antikommunizm v SShA. (Ideologiya pravogo ekstremizma). Moskva, "Znanie," 1968, 48 p. (Novoe v zhitii nauko, tekhnike. Seriya "Filosofiya," 6).

321 The State and society

Activity of the party organizations of Kazakhstan in the development and improvement of public education as a basis for advancing the cultural and technological level of the working class. R. I. Chernikova. Trudy Sentral. med. inst., 4:23-45 '68.

Denisev, A. I. [The Soviet state. Its origin, development, nature, and functions] Sovetskoy gosudarstvo. Voznikoveniye, razvitiye, sushchnost' i funktsii. Moskva, Izd. Mosk. un-ta, 1967, 426 p.

[Dynasty of heroes. A book of sketches] Dinastiya gorodov. Kniga ocherkov. [Voronezh, Tsent. - Chernozem. kn. izd., 1967], 327 p.

The individual, society, and the state. D. D. Il'ichev. Vest. Mosk. un-ta, Ser. 4:46-56 Zh. Ag '68.

Klimushov, V. Ia. [V. I. Lenin on the role of the masses in the building of socialism and communism] V. I. Lenin o roli narodnykh mass v stroitel'stvo sotsializma i kommunizma. Moskva, "Znanie," 1968, 80 p. (Novoe v zhitii nauko, tekhnike. Seriya "Istorika i politika KPSS," 5).

[Problems of socialist state and law] Voprosy sotsialisticheskogo gosudarstva i prava. Sverdlovsk, 1967, 303 p. (K platfeshchenniy Velikogo Oktabria).

Social principles at the present stage of party work. G. L. Gaidukov. Trudy Sentral. med. inst., 4:4-22 '68.

Subject matter and theoretical aspects of criminal administration. G. I. Poltav. Sov. gos. pravo, no. 7:75-82 Fe '68.

Theory of the state and law as a part of the general theory of the systems and norms of political administration. A. E. Mankin. Vest. LPU 23 no. 5:109-117 Fe '68.

[Wonderful forces] Chudesnaya sila. [Moskva] "Izvestiya," 1968, 627 p.

32(14/0.104)—Capitalist countries of the world

The class struggle under the conditions of state monopoly capitalism. N. Gantsev. Ist. i teoret. voprosy, no. 4:48-67 '68.

323 Internal politics

Brezhnev, I. I. [Fifty years of great achievements of socialism. Report and closing speech at the joint formal meeting of the Central Committee of the CPSU, the Supreme Soviet of the U. S. S. R., and the Supreme Soviet of the R. S. F. S. R., at the Kremlin Palace of Congresses, November 3-4, 1967] Platfeshchenniy velikiy pobedy sotsializma. Doklad i zaklyuchitel. rech' na sovmezhnom forazhastv. zasedanii TsK KPSS, Vorkhovnogo Soveta SSSR i Verkhovnogo Soveta RSFSR v Kremlevskom dvortse 3-4 noyabrya 1967 g. Moskva, Politizdat, 1967, 134 p.

Our information. Agitator, no. 9:31-35 My '68.

323(433)—Federal Republic of Germany

"Adolph the second" and company. T. Levova. Mezhduar. zhizn' 15 no. 5:120-131 '68.

Conference of the West German Social Democratic Party at Kuremburg. K. Nizhegorodskii. Mezhduar. zhizn' 15 no. 5:118-119 '68.

Is it really the last? "Grand coalition." A. Grigor'ianta. Nov. vrom. 20 no. 34:10-11 Ag '68.

323(437)—Czechoslovakia

Editorial: The great work of socialism is invincible! Part. zhizn' no. 17:8-11 S '68.

323(45)—Italy

Before the Italian parliamentary elections. M. Markov. Mezhduar. zhizn' 15 no. 5:141-146 '68.

323(480)—Finland

The new Finnish government. R. Pavlov. Mezhduar. zhizn' 15 no. 5:147-148 '68.

323(483)—Belgium

After the elections. N. Vasil'ev. Mezhduar. zhizn' 15 no. 5:122-123 '68.

323(485)—Greece

Greece under the fifth dictatorship. N. Dragin. Mezhduar. zhizn' 15 no. 5:90-95 '68.

323(51)—China

Events in China: an observer's notes. I. Sergeev. Agitator, no. 9:57-60 My '68.

327(597)—Vietnam

The program of the National Liberation Front of South Vietnam deals with independence, democracy, peace, and neutrality. II. Mikheev. *Mezhdunar. zhizn'* 15 no. 5:116-118 '68.

327(73)—United States of America

Mazaev, A. G. [Fighting Vietnam] *Srazhishchislva Vietnam. Moskva, "Znanie,"* 1968, 48 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Mezhdunar. zhizn'"). On the horizon of the "Inextinguishable Fire." K. Koshelkin. *Mezhdunar. zhizn'* 15 no. 5:124-125 '68.

328 Parliaments and legislative assemblies

The Supreme Soviet of the U. S. S. R. | Verkhovnyi Sovet SSSR. Moskva, [Izvestia] 1967, 286 p.

329.01 Communist Party of the Soviet Union

Activity of the party organizations of Kazakhstan in the development and improvement of public education as a basis for advancing the cultural and technological level of the working class. R. I. Churnakova. *Trudy Sentral. mod. inst.* 4:23-46 '68.

Communist reports at party meetings. *Part. zhizn'* no. 17:65-66 S '68.

Courses for retraining party and soviet cadres. *Part. zhizn'* no. 17:22-26 S '68.

Gelis, N. N. [Let us think independently and act forcefully] *Sotsialisticheskiy mysl'*, aktivno islovat'. Moskva, "Mosk. rabochi," 1968, 80 p. (Bor'ba o prop. ustroystvo).

Intensification of ideological work is an urgent task. *Agitator* no. 9:3-6 My '68.

A policy of peace and international collaboration. *Mezhdunar. zhizn'* 15 no. 5:3-5 '68.

[Progressive growth of the leading role of the CPSU during the building of communism] *Vozrastno rukovodivshiesha rai KPSS v period stroitel'stva kommunizma. Pod red. N. S. Shevchenko i N. I. Kalenchuk. Moskva, Izd. Mosk. univ.,* 1968, 339 p.

Social principles at the present stage of party work. G. E. Gaidukov. *Trudy Sentral. mod. inst.* 4:3-22 '66.

Strengthening of the cadres as an important problem of national economy. I. A. Gurnanuk. *Trudy Sentral. mod. inst.* 4:47-55 '66.

To the Central Committee of the Communist Party of the Soviet Union. *Sov. geol.* 11 no. 3:3-4 F '68.

Work with party members. *Part. zhizn'* no. 17:51-53 S '68.

329.01(471.310)—Moscow City

In the Committee of the People's Control attached to the Central Committee of the CPSU. *Part. zhizn'* no. 17:45 S '68.

329.01(471.312)—Tula Province

Instructor of the party district and urban committees. *Part. zhizn'* no. 17:35 S '68.

329.01(471.324)—Voronezh Province

In the village Vysokeye near Voronezh. M. Dyshnogradov. *I. Dobrynin. Agitator* no. 14:40-47 My '68.

329.01(471.54)—Sverdlovsk Province

Efficiency is the main criterion. I. Sindilov. *Agitator* no. 3:40-42 My '68.

329.01(471.61)—Rostov Province

A party province committee on technical re-equipment of enterprises. *Part. zhizn'* no. 17:60-67 S '68.

329.01(471.67)—Dagestan A. S. S. R.

The strongest union. I. M. Aliev. *Agitator* no. 9:45 My '68.

329.01(477)—Ukrainian S. S. R.

The Communists. M. Sap'irnyi. *Komm. Ukr.* 42 no. 6:19-22 Je '68.

The 52th anniversary of the Communist Party of the Ukraine. *Komm. Ukr.* 42 no. 6:3-1 Je '68.

Instructor of the party district and urban committees. *Part. zhizn'* no. 17:35 S '68.

On party duty in Lenin's party. *Komm. Ukr.* 42 no. 6:15-16 Je '68.

The party group is the basis of peoples' control. I. Kalenchuk. *Part. zhizn'* no. 17:40-44 S '68.

We shall expand the attained accomplishments. N. Rukhovich. *Komm. Ukr.* 42 no. 6:41-56 Je '68.

329.01(574)—Kazakh S. S. R.

Activity of party organizations of Kazakhstan to increase the role of rural intelligentsia in the propagation of agro-technical knowledge among rural toilers; 1953-1958. P. P. Topashinov, S. T. Tushupov. *Trudy Sentral. mod. inst.* 4:70-76 '68.

329.01(575)—Central Asia

A short review of the state of cotton growing in pre-revolutionary Turkestan and the Soviet regime's first steps for its restoration. A. Khamidkhodzhaev. *Nauch. trudy TashGU* no. 315:5-9 '67.

Some problems in the activity of the Communist Party of Turkistan for the restoration of cotton growing. V. P. Kargin, P. M. Sen'kin. *Nauch. trudy TashGU* no. 315:10-16 '67.

Intergate of the Communist Party of Turkistan towards the renewal of cotton growing in the Republic from 1921 to 1928. A. I. Khon. *Nauch. trudy TashGU* no. 315:17-29 '67.

329.01(575.1)—Uzbek S. S. R.

The Communist Party of Uzbekistan in the struggle for expansion of cotton growing during the second five-year period, 1933-1937. D. N. Pak. *Nauch. trudy TashGU* no. 315:53-55 '67.

Contribution by the party organizations at machine-building enterprises of Uzbekistan to the all-round mechanization of cotton growing, 1959-1965. K. M. Krasovarov. *Nauch. trudy TashGU* no. 315:127-138 '67.

From the history of the struggle of the Communist Party of Uzbekistan in developing irrigation and ameliorative construction as a determining factor in the progress of cotton growing. II. I. Ibragimov. *Nauch. trudy TashGU* no. 315:146-154 '67.

From the history of the work of the Communist Party of Uzbekistan in the renewal and development of cotton growing, 1926-1929. I. M. Mamodov. *Nauch. trudy TashGU* no. 315:38-52 '67.

Measures of the Communist Party of Uzbekistan in the domain of cotton growing, 1956-1959. Kh. Saldov. *Nauch. trudy TashGU* no. 315:104-114 '67.

329.02 History of the Communist Party of the Soviet Union *Baranchenko, V. E.* Gaven. Moskva, "Mol. gvardiya," 1967, 156 p. (Zhizn' zamechitel'nykh liudei. Seriya biografiy. Vyp. 16 (440)).

Bobkov, I. S., D. V. Pankov, and V. M. Svetlov. [Materials for test papers on the history of the CPSU] *Materiialy k kontrol'nyim rabotam po istorii KPSS. Moskva, "Vyssh. shkola,"* 1967, 240 p.

[The Bolshevik Party in the reactionary period. (1907-1910)] *Partiya bol'shevikov v period reaktsii. (1907-1910 gg.)* Moskva, "Mosk. rabochi," 1968, 152 p. (V pomoshch' izuchashchimi istoriiu KPSS. 4).

Lenin, V. I. [Last letters and articles, December 23, 1922-March 2, 1923] *Poslednie pis'ma i stat'i, 23 dek. 1922-2 marto 1923 g.* Moskva, Politizdat, [1967] 71 p.

[One hundred pages about Kirov. Photographs, Documents, Comments] *Sto stranits o Kirove. Fotografii, Dokumenty, Kommentarii.* Moskva, Politizdat, 1969, 103 p.

The party was the organizer of the Soviet Republic's defense, publication of the second part of the third volume of the history of the CPSU. I. N. Nikitina. *Agitator* no. 9:7-9 My '68.

Poberezhn'skiy, M. D. Stanislav Viktorovich Kostor. Kyiv, Politydyv Ukrainy, 1967, 300 p. (Borisl za velyku spravu).

329.02(471.312)—Tula Province

[Studies in the history of the Tula organization of the CPSU] *Ocherki istorii Tula'skoi organizatsii KPSS. Tula, Priokskoe kn. izd.,* 1967, 636 p.

329.02(471.342)—Kirov Province

Koslovskaya, A. M., and E. M. Koslovskaya. [It happened in Urzhum. Reminiscences about S. M. Kirov] *Etto bylo v Urzhume. Vospominaniya o S. M. Kirove. [Kirov], Volgo-Viat. kn. izd.,* 1967, 108 p.

329.02(471.41)—Central and Lower Volga regions

[History of party organizations in the Volga Valley] *Iz istorii partynykh organizatsii Povolzh'ia. Volgograd, 1967, 340 p.*

329.02(571.17)—Kemerovo Province

Savostenko, V. M. [Communists of the Kuznetsk Basin were the organizers of the creative development of the masses (1929-1937)] *Kommunisty Kuzbassa - organizatory vorobeshesko pod'mna mass (1929-1937) gody.* Alma-Ata, "Nauka," 1967, 162 p.

329.03 International communist movement

At the advance of international politics of the working class. E. Bogunb. *Mezhdunar. zhizn'* 15 no. 5:6-13 '68.

Courses for retraining party and soviet cadres. *Part. zhizn'* no. 17:22-26 S '68.

Limitation of nuclear weapons and international security. A. Kalladin. *Mir, ekon. i mezhdunar. otn.* no. 4:14-23 '68.

A policy of peace and international collaboration. *Mezhdunar. zhizn'* 15 no. 5:3-5 '68.

329.03(439)—Hungary

On the road toward unity. *Mezhdunar. zhizn'* 15 no. 5:139-141 '68.

329.04 Communist youth organizations

Hand in hand; cooperation between DOSAAF and the Komsomol is strengthening. *Kryl. rod.* 19 no. 6:8-9 Je '68.

Intensification of ideological work is an urgent task. *Agitator* no. 9:3-6 My '68.

Komsomol members of the 1930's. A. Vinokurov, I. Shchekha. *Kryl. rod.* 19 no. 6:4-5 My '68.

Mikhailenko, V. B. [The road to the stars lies on the earth. (Some thoughts about figures, facts, and documents concerning the work of the V. I. Lenin All-Union Communist Youth League)] *X vyzvazhd idut po zvezdam. (Razdumia nad tsiframi, faktami, dokumentami o deyatelnosti V.L.KSM). Moskva, "Znanie,"* 1968, 80 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Mezhdunar. zhizn'"). *Mislimenno...* M. Semenov. *Kryl. rod.* 19 no. 3:19-20 Mr '68.

[The organization has increased its strength tenfold. Documents and materials of congresses, conferences and the Central Committee of the All-Union Communist Youth League named after Lenin in the field of organizational work (1918-1960)] *Organizatsionno-ustavitel'skiy dokum. i material'nyy svedov. konferentsii i TsK V.L.KSM po org. rabote (1918-1960 gg.). Moskva, "Mol. gvardiya,"* 1968, 375 p.

Youth dons shoulder straps. M. Sevrin. *Kryl. rod.* 19 no. 8:1-3 Je '68.

329.04(477)—Ukrainian S. S. R.

The party's influential power. S. Suleimanuk. *Komm. Ukr.* 42 no. 6:56-59 Je '68.

329.06 Communist parties outside the Soviet Union

329.06(8)—South America

Unity among the ranks of Chilean communists is being strengthened. I. Ershov. *Part. zhizn'* no. 17:71-74 S '68.

33 POLITICAL ECONOMY, ECONOMICS

Birman, A. M. [The economist's talent] *Talant ekonomista. [Moskva] "Mol. gvardiya,"* 1968, 101 p. (B-chka metodolog. markista).

Compiling a classical bibliography of Soviet economic literature. S. S. Ullipova. *Sov. bibl.* no. 5:22-32 '67.

Export of capital is the most important weapon in the penetration of American monopolies in the West [European "Common Market." A. I. Deglarov. *Trudy VZIMT* no. 28:124-143 '67.

General law of economics concerning raising human needs and its action under socialism. II. V. Gital'. *Trudy MIIU* no. 286:142-157 '68.

Minimal commercial reserves of metal in small industrial bodies. M. A. Svirskiy, A. S. Zhukov. *Russk. i kn. kadr.* 32 no. 10:39-40 D '66.

[New foreign economic literature] *Nov. inostr. ekon. lit.* nos. 5-8 '68.

[New Soviet economic literature] *Nov. sov. ekon. lit.* nos. 4-5 '68.

33(4/9.103)—Communist countries of the world

Bogomolov, O. T. [Theory and methodology of international socialist division of labor] *Teoriia i metodologiya mezhdunarodnogo sotsialisticheskogo razdeleniya truda. Moskva, "Mysl',"* 1967, 204 p.

33(477)—Ukrainian S. S. R.

The party's concern for improving housing conditions of the workers. I. Timukin. *Komm. Ukr.* 42 no. 6:65-74 Jo '68.

330.1 General principles, laws and systems of economics Initial point of political economy. VI. Afanasiev. *Vop. ekon.* no. 5:3-10 My '68.

K. Marx and problems of the theory of commodity production under conditions of socialism. I. A. Imlitskiy. *Ekon. Rad. Ukr.* 10 no. 5:5-12 My '68.

The law of socialist accumulation. O. Krasnokutskaya. *Ekon. Rad. Ukr.* 10 no. 5:26-32 My '68.

[Methodological advice to students taking courses in political economy] *Metodicheskie sovety studentam, izuchashchimi politicheskuyu ekonomiyu. Pod red. N. A. Kokareva i V. U. Kulshova. Moskva, "Vyssh. shkola,"*

Vyp. 1. [Capitalist means of production] *Kapitalisticheskiy sposob proizvodstva. 1968, 90 p.*

[Political economy] *Politicheskaya ekonomiya. Moskva, "Mysl',"*

[Ch. 1. [Capitalist means of production] *Kapitalisticheskiy sposob proizvodstva. 1967, 431 p.*

Properties of commodity use value and improving the planning. T. D. Atimova. *Vest. LGU* 23 no. 5:11-23 Mr '68.

Use of commodity and monetary relations and the law of value in the building of communism. M. Politschuk. *Ekon. Rad. Ukr.* 10 no. 2:76-87 F '68.

330.1(477)—Ukrainian S. S. R.

In the Coordinating Council on Problems of Economics of the Academy of Sciences of the Ukrainian S. S. R. M. Kharchenko, R. Ivanukh. *Ekon. Rad. Ukr.* 10 no. 2:93 F '68.

330.116 Mathematics of economics. Econometry

Analysis of a one-product dynamic model. I. G. Globenko. *Sib. nauch. zhurn.* 6 no. 3:536-541 My-Je '68.

Developing local criterion for optimality. V. Pugachev. *Vop. ekon.* no. 5:113-117 My '68.

Local production models. A. M. Rukhlov. *Dokl. AN SSSR* no. 4:795-799 Je '68.

First Soviet model of economic growth. I. A. Piter, P. I. Pichukin. *Plan. khoz.* 44 no. 6:60-76 Ag '68.

The Fourth International Conference on the "Input-Output" Method. F. F. Baranov, A. D. Smirnov. *Ekon. i met. metod.* 4 no. 3:460-473 My-Je '68.

Gurin, L. S., I. A. Dymarskiy, and A. D. Merkulov. [Problems and methods of the optimal distribution of resources] *Zadachi i metody optimal'nogo raspredeleniya resursov. Moskva, "Sov. nauka,"* 1968, 403 p.

Istomin, L. I. [Mathematical economics methods of developing norms for materials] *Ekonimiko-matematicheskie metody razrabotki material'nykh normativov. Moskva, "Ekonomika,"* 1968, 64 p. (B-chka khoz. rukovoditel'ia).

Kantorovich, L. V. [Mathematical problems of calculating and analyzing dynamic models] Matematicheskie problemy rascheta i analiza dinamiceskikh modelей. Moscow, 1965. 11 p.

Linear models of the optimization of foreign trade turnover. G. I. Shtatov, G. Z. Davidovich. Ekon. i mat. metod. 4 no. 5:173-183 May '68.

Method of calculating branches and regional plans. M. M. Ahtegov, M. I. Solov'ev. Ekon. i mat. metod. 4 no. 3:353-363 May '68.

Methods of determining the minimum content of commercial and industrial goods. N. N. Shtatov, M. I. Ahtegov. Ekonom. i mat. metod. 33 no. 5:173-183 May '68.

On the problem of planning for time schedules. A. R. Anisimov. Ekon. i mat. metod. 4 no. 3:401-406 May '68.

Optimal control in a two-person model. E. G. Belaghi, V. I. Kuznetsov. Ekon. i mat. metod. 4 no. 3:355-364 May '68.

Predicting the provision of long-lasting goods. A. V. Kuznetsov, L. I. Korshenevskii. Mekh. i avtom. ur. no. 6:5-7 May '67.

Successive exchanges in a problem of convex programming. O. V. Gerasimov. Ekon. i mat. metod. 4 no. 3:422-430 May '68.

Shtatov, L. M. [Mathematics of network charts] Matematika setevykh planov. Moscow, "Ekonomika," 1967. 168 p. (Lektii po setevomu planirovaniu, Vyp. 2)

Two extremum problems of network planning. I. A. Radtsig. Ekon. i mat. metod. 4 no. 3:407-421 May '68.

Use of mathematical economics methods as an inalterable condition for improving rational economic planning. L. A. Obolonskii. Plan. khoz. 44 no. 7:58-66 Jul '68.

Use of the theory of optimal processes in studying industrial models. Part 2. I. P. Krut'kov. Dts. ur. no. 4:798-811 May '68.

330.115(471.232)—Leningrad City

Calculating and scheduling out passenger flow during increasing rush hours. B. I. Zhebrakov, M. L. Vukhman, A. N. Smirnov. Ekon. i mat. metod. 4 no. 3:453-456 May '68.

330.19 Economic policy

[The economic reform and problems of its realization] Khozhstvennaya reforma i problemy realizatsii. Moscow, "Ekonomika," 1968. 165 p.

Lenin, V. I. [Current objectives of the Soviet regime] Ocherednye zadachi Sovetskoi vlasti. Moscow, Politizdat, [1958] 143 p.

Strengthening of the cadres as an important problem of national economy. I. A. Gerasimov. Trudy Sentral. med. inst. 4:47-55 '68.

330.19(431)—German Democratic Republic

The new economic system and land tenure. G. Rohde. Vest. Msk. un. Ser. 6:Pravo 23 no. 4:37-45 Jul '68.

330.19(73)—United States of America

Mal'kov, V. L., and O. G. Nadzhafov. [America at the crossroads. A study of the sociopolitical history of the "New deal" in the U. S. A.] Amerika na perep'at'e. Ocherk sotsial'no-polit. istorii "novego kursa" v SShA. Moscow, "Nauka," 1967. 228 p.

330.2 Organization and cooperation in the economic sphere. Reorganization, reform, etc.

Ermakov, F. I. [Efforts of the CPSU to strengthen economic cooperation among the peoples of the U. S. S. R. in the building of communism] Delatel'nost' KPSS po ukrepleniiu ekonomicheskogo sotrudnichestva narodov SSSR v stroitel'stve kommunizma. [Sarajev] Izd. Sarajevskogo un-ta, 1967. 161 p.

Iran in the year 1347. I. Shtatov. Mezhdunar. sborn. 15 no. 5:105-110 '68.

Our trade with England. N. S. Patolofev. Nov. vrem. 26 no. 34:5 Apr '68.

330.2(177)—Underdeveloped and underdeveloped areas

The developing states in international relations. F. Shtatov. Mezhdunar. sborn. 15 no. 5:96-104 '68. A new round for the UN Economic Commission for Asia and the Far East. M. Arshad'ev. Mezhdunar. sborn. 15 no. 7:123-124 '68. The Ukrainian S. S. R. aids the developing countries in the creation and strengthening of their national economy. A. V. Agayev. Org. i plan. str. nar. khoz. no. 4:157-162 '66.

330.2(486)—European communist countries as a group

Cooperation of socialist countries is an objective necessity. V. Morozov. Vop. ekon. no. 5:70-77 May '68.

Indices of the economic efficiency of interstate specialization of chemical production in the countries participating in the Mutual Economic Assistance Council. L. I. Lidiarova. Vest. LGU 23 no. 5:43-48 May '68.

330.2(55)—Iran

Iran in the year 1347. I. Shtatov. Mezhdunar. sborn. 15 no. 5:105-110 '68.

331 Labor. Work. Employment

Constant development of physical education in geological prospecting organization teams. I. I. Kirichukin. Razved. i okh. nedr. 31 no. 5:61-63 May '68.

Development of socialist competition. I. U. A. Petrushin. Trudy VNIIT no. 28:67-123 '67.

In the rich branches. V. Gushkov and others. Sov. shakht. 15 no. 12:22-24 '68.

Leave pay. Prom. Armi. 10 no. 12:67-68 '67.

May Day celebration by the saltcap. First day of the workers' press. Z. Mirsk. Sov. burg. 41 no. 5:14-17 May '68.

May 2, 1965. Ugal' 1 no. 12 no. 5:1-2 May '68.

Medical treatment of epileptics and their capacity for work. L. Vaitman. Sots. obsch. 43 no. 4:30-34 Apr '68.

Popov-Cherkesov, I. N., E. P. Voronin, and L. N. Khramov. [Concise reference dictionary on labor and wages] Kratki slovar'-spravochnik po voprosam truda i zarabotnoi plati. Pod red. I. N. Popova-Cherkesova. Moskva, "Ekonomika," 1967. 311 p.

Practice of the work of the Prospecting Committee of the Voronezhskaya Geological Prospecting Team. Z. A. Poplavskaya, L. N. Stepanov. Razved. i okh. nedr. 32 no. 10:55-57 Oct '66.

331(471.324)—Voronezh Province

The experts learn. N. L. Laskakina. Sots. obsch. 43 no. 4:35 Apr '68.

331(574)—Kazakh S. S. R.

Influence of the mechanization and automation of production on the composition and number of industrial workers. N. G. Ushakov. Prikl. sov. ekon. kazakh. no. 3:96-104 '67.

331(575)—Central Asia

Kuravina, G. S. [Formation of the proletarian cadres of railroad employees in Turkmenia, (1881-1914)] Formirovaniye zheleznodorozhnogo proletariata v Turkmene. (1881-1914 gg.) Tashkent, "Fan," 1967. 182 p.

331.1 Industrial relations: workers and employers

Grounds for the establishment of the legal labor relations of young specialists. V. Gelikman. Ital. prav. no. 6:83-85 Jun '68.

331.2 Wages, salaries, pay

Consultation on problems of labor and wages. Razved. i okh. nedr. 34 no. 5:63-64 May '68.

Consultation on problems of establishing length-of-service rates in the regions of the Far East and in other equal localities. Razved. i okh. nedr. 32 no. 12:55-56 Dec '66.

Consultation on problems of wages and labor legislation. Razved. i okh. nedr. 31 no. 8:61-62 Aug '65.

Consultation on problems of wages. Razved. i okh. nedr. 32 no. 5:61-62 May '66.

Piece-rate pay in deep prospecting. V. I. Skrynnik and others. Razved. i okh. nedr. 31 no. 8:59-62 Jun '65.

Popov-Cherkesov, I. N., E. P. Voronin, and L. N. Khramov. [Concise reference dictionary on labor and wages] Kratki slovar'-spravochnik po voprosam truda i zarabotnoi plati. Pod red. I. N. Popova-Cherkesova. Moskva, "Ekonomika," 1967. 311 p.

Sher, A. A., and N. G. Vyrskina. [Establishing norms and wages for workers of sea harbors] Normirovaniye i oplata truda rabotnikov morskikh porlov. Izv. 2-e, dop. i pererabot. Moskva, "Transport," 1967. 212 p. (Ekonomika i ekspluatatsiya morskogo transporta).

331.2(471.310)—Moscow City

Material incentives on trial. N. Vasenin. Sov. tor. 41 no. 5:25-28 May '68.

331.2(477)—Ukrainian S. S. R.

Establishing work norms and material incentives in enterprises. I. Kryvda. Ekon. bud. Ukr. 10 no. 2:25-30 Feb '66.

331.3 Categories of labor and employment

Judicial cases concerning reinstatement to a former position. T. Kandybina, O. Korolova. Sov. tust. no. 8:10-12 Apr '66.

Scientific thinking in business activity. A. V. Emel'yanov. Vest. LGU 23 no. 5:93-96 May '68.

Shebanova, A. I. [Protection of youth labor] Odkirana truda podrostkov. [Moskva] Profizdat, 1968. 84 p. (B-chka profsoyuznogo aktivista, 16 (207)).

331.7 Skilled and unskilled labor

Scientific thinking in business activity. A. V. Emel'yanov. Vest. LGU 23 no. 5:93-96 May '68.

331.8 Hours, conditions, organization, etc.

Appeal of participants of the conference of activist workers of the enterprises and organizations of the Ministry of the Gas Industry to all workers of the gas industry of the U. S. S. R. Stroitel'stvo, 12 no. 5:1-5 May '67.

Answering our readers' questions. Sov. tust. no. 8:30-31 Apr '66.

Build towns for the people. S. Shekhegov. Sov. shakht. 15 no. 12:25-26 Dec '68.

[Collection of regulations on protection of personnel of the press. (The printing trade, and publishing houses)] Sbornik pravil po okhrane truda dlya red. i izdat. (Poligraficheskoi promyshlennosti tzialistov). Moskva, "Kulga," 1967.

Communist voluntary work on Saturday. N. I. Lobbinin. Izv. vyz. i gaz. 11 no. 4:5 '68.

Economic penalties and the liability. A. Il'kov. Sov. tust. no. 9:38-40 May '68.

The five-day workweek and medical aid. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Fullfill the five-year plan ahead of schedule. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

The goal of 300 million tons with 10 days. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Goals of the initiators of the competition. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Great force of Leninist ideas. Razved. i okh. nedr. 34 no. 5:60-61 May '68.

Improve the organizational work of the press. P. I. Chirchuk. Razved. i okh. nedr. 34 no. 5:60-61 May '68.

Industrial hygiene in working with a pump. M. A. Andrianov. Mont. i upravl. 24 no. 4:7 '67.

Klenach, N. A. [In the name of man] Moskva, "Znanie," 1967. 32 p. (N. I. Izhukin, 11 seriya. "Nauch. konf. May 1, 1966. 1. Izv. i okh. nedr. 34 no. 5:60-61 May '68.)

On the watch for labor safety of people. M. Stukhin. Mont. i upravl. 24 no. 4:7 '67.

Petrov, A. P. [The foreman, his labor] A legal reference book. Moscow, "Ekonomika," 1967. 168 p. (B-chka profsoyuznogo aktivista, 16 (207)).

Results of socialist competition among workers in the anniversary year. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Safety measures on the screen. I. N. Izhukin. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Select the organization of labor should designing practice. I. P. Khvostik. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Socialist competition in organization. Territorial Trade Union Committee. Razved. i okh. nedr. 34 no. 5:60-61 May '68.

Socialist obligations of the enterprises of the Ministry of Petroleum and Petroleum Products. R. S. P. S. R. for the ahead-of-schedule five-year plan and in marking the 20th anniversary of the October Revolution. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

Socialist obligations taken for 1968 in the machine-building industry. Otkrytie 1968.

331.8(471.12)—Volgograd Province. Not for the sake of glory... Izv. i okh. nedr. 34 no. 5:60-61 May '68.

331.8(471.232)—Leningrad City. A hundred concerns of a foreman. V. Izhukin. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

331.8(471.318)—Moscow City. Hymn to the miner. I. Gerasimov. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

331.8(471.328)—Tashkent Province. Taking care of man. V. Hong'ov. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

331.8(471.341)—Gorky Province. The enterprise works on the five-day week. L. Shitakina. Sots. obsch. 43 no. 4:35 Apr '68.

331.8(471.54)—Sverdlovsk Province. Characteristics of budget formation in the labor industries of the Central Ural. Izv. vyz. i gaz. 11 no. 4:5 '68.

331.8(471.02)—Krasnodar Province. Ministry or territorial administrative apparatus. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

331.8(477)—Ukrainian S. S. R. Relying on the best achievements. V. Polub. Izv. i okh. nedr. 34 no. 5:60-61 May '68.

331.8(479.25)—Armenian S. S. R. Results of competition. I. Savin. Pr. no. 2:3-4 '68.

... of the creative development of the
... (1937)] Komunisty Kazbassa — organizatsionnogo pod'ema massa (1929-1937 gody),
"Kauka," 1987, 162 p.

331(575.1) — Uzbek S. S. R.
... Party of Uzbekistan as the organizer of
... between cotton growers from
... Akhmatov, Nauch.trudy TashGU
"7.

...
... All-Union Central Council of Trade
... VTSSIS Ap-Je '67.
[Mass defense work and the trade unions]
... ssovaln rabota i profesyuzy. [Moskva]
198, 78 p. (B-chka proletarskogo iklivista.

... of the Central Committee of the Trade
... Propaganda Workers. Razved i
... 10:59-60 D '64.
... with us. N. M. Savenik. Otkr. izda i
... 11 no. 1-5-6 Ap '68.
... Sanitary Department. Otkr. izda i zots.
... 11 no. 1-2 Je '68.
... of the committee of the trade union of
... in the development of thematic
... activities and the control for their
... A. P. Belanik, A. I. Antimov. Razved,
... 11 no. 8-9-61 Ag '65.
... of Trade Union, Sotsializatsiya 58
... '68.
... of the Trade Union of Geological
... workers. Sov. mol. 11 no. 3:158-159
... of the Trade Union of the U. S. S. R.,
... straki, 11 no. 4-1-2 Ap '68.
... Banner. Otkr. izda i zots, straki, 11
... '69.
... meeting of the Trade Union, D. Chaban,
... 11 no. 12-26-27 D '68.

331(471.67) — Daghestan A. S. S. R.
... Trade unions of Daghestan during the
... War and postwar years (June 1941-
... izny Daghestan v period Otechestvennoy
... gody (Iun' 1941-1965 gg.) Makiia-
... 205 p.

331(571.13) — Qirgiz Province
... Material and moral incentives on col-
... tive farms] Material'noe i moral'noe
... v sovkhlozakh i kolkhlozakh. [Moskva]
B, 48 p. (B-chka sci, profsoiznogo
... 22).

331(575) — Central Asia
... the textile workers' trade unions in the
... for the revival of cotton growing in
... 1921-1928. B. N. Matkevich, T. P.
... Nauch. trudy TashGU no. 3:15-20-37 '67.

331(73) — United States of America
... of the Trade Union International
... States. G. Morin, Mezhdunar. zhizn'
... '68.
... of International, B. Dimaevskaya, Mir,
... oin, no. 4:1-61 '68.

... decorations, bonuses, etc.
... on in competing persons, M. Kurk-
... la i straki, 11 no. 4:28-28
... the quality of the production at a
... Reaktor (es Plani, (U. A. Dolgorukov,
... A. Kostouka. Ogneupoy 33 no. 5-55-
... '68.
... for an excellent work, Av. transp.
... D '67.
... S. M. Pyshkina, and P. V. Savchenko.
... of Industrial Incentives] Kollektivnyy
... vania proizvodstva. Moskva, "Moek,
... 38, 112 p.
... for providing material incentives in
... batavlov, Sov. polreb. knop, 12 no. 3-
... and using the incentive systems
... duction industry enterprises working
... conditions, M. T. Losov and others.
... itudob, prom, no. 3-3-7 '68.
... obligations, A. Nuzhlov. Sots. obsep,
... Ap '68.
... I. T. Ivanchenko, Transp. stral,
... '68.
... competition in the field of achieve-
... anniversary year, Muk. olov, prom, 34
... and S. M. Polotskiy, [An Industrial
... conditions] Otrnsi' v novykh usloviakh.
... omika, "1968, 54 p. (Ob'edinenie,
... novykh usloviakh).

41 no. 5:25-26 My '66.
331.87(471.31) — Moscow Province
From the experience of the Belashevo Combined Fertilizer
Plant, A. Zhefalin. Muk. olov, prom, 34 no. 3-6-3
Str '68.
331.97(471.61) — Roslov Province
Incentives for technological progress and socialist re-
production of the means of production. N. Guretovskii,
Piar.khoz, 44 no. 6:36-42 Ag '68.
331.97(478) — White Russian S. S. R.
At the progressive Mogilev Tiger Combine in White
Russia, M. Belkov. Muk. olov, prom, 34 no. 3-4-
6 Str '68.
331.97(477) — Ukrainian S. S. R.
Justifying norms for the declaration into incentive funds.
G. Khalapov, Piar.khoz, 41 no. 7:63-65 Ji '68.
On some deficiencies in issuing bonuses in accordance
with results of the year. M. Nibulov, Ekono. Rad. Ukr.
10 no. 2-3:31-33 F '68.
Some problems of the formation and use of the economic
incentive funds. T. Levitskiy, I. Mantsurov, Ekono.
Rad. Ukr, 10 no. 5:44-49 My '68.
331.97(571.13) — Oinsk Province
Istomin, N. K. [Material and moral incentives on col-
lective and state farms] Material'noe i moral'noe
stimulirovaniye v sovkhlozakh i kolkhlozakh. [Moskva]
Pratizka, 1988, 48 p. (B-chka sci, profsoiznogo
aktivista, 6(102)).
331.97(5714) — Kazakh S. S. R.
Some results and problems of the economic reform.
T. A. Ashimov, K. K. Zlobin. Prati. sovr. ekon. Kazakh,
no. 3:3-20 '67.
332.2 Savings banks, savings
Monetary deposits of a married couple. I. Belogorskaya,
Sov. iust. no. 10-6-7 My '68.
332.4 Money. Mint currency, Coinage
Draft reform of the International currency system.
M. Polukov, Mir, ekon. i mezhdunar. oin, no. 4-67-
101 '68.
332.5 Fiduciary money, Paper and special currencies. Money
substitutes. Rates of exchange
The nature of devaluation and its influence on the
International trade. N. Ljubimov, Mir, ekon. i mezhdunar.
oin, no. 3:94-97 '68.
332.5(4/0.104) — Capitalist countries of the world
Collapse of the "Golden pool." L. Andreev, Mezhdunar.
zhizn' 15 no. 5:11-112 '68.
The economy of world capitalism: situation and prospects.
I. Kuz'minov, Mezhdunar. zhizn' 15 no. 5:13-21 '68.
Under the blows of a crisis, B. Gurenov, Agitator no. 9:
25-26 My '68.
332.5(41) — United Kingdom and Northern Ire-
land
Currency crisis in England and the process of the re-
production of the means of production. E. Nigeti,
Mir, ekon. i mezhdunar. oin, no. 4:103-107 '68.
Devaluation of the pound sterling: reasons, consequences,
contradictions, B. Entov, Mir, ekon. i mezhdunar. oin,
no. 4:10-21 '68.
The new burdens for the workers. Z. Svirskaya, Mir,
ekon. i mezhdunar. oin, no. 4:101-103 '68.
332.6 Exchange. Financial market. Capital investment
Planning for capital investments and their efficiency.
G. Levin, Vop. ekon, no. 6:132-138 My '68.
332.6(4/0.104) — Capitalist countries of the world
In Trinidad; travel impressions. V. Ivanenko. Nov. vrem.
26 no. 34:26-28 Ag '68.
332.7 Credit
Horodin, S. V., A. N. Demichev, and G. M. Tochil'nikov.
[Finances and credit] Finansy i kredit. Izd. 2-o,
perorobot, 1 dop. Moskva, "Finansy," 1967, 260 p.
[Finances and issuing credit to agricultural enterprises]
Finansy i kreditirovaniye sel'skokhoziaistvennykh pred-
priyatiy. Pod red. M. K. Shormenova. Moskva, "Kolos,"
1988, 416 p. (Uchebniki i ucheb. posobie dlia s. kh.
tekhnikumov).

... development of the two forms of property in the
U. S. S. R. G. M. Dimaevskaya, Uch. zap. Orlov. gos. ped.
Inst. 37-5-33 '67.
E. Elvay and the problem of vitality of Russian rural
communes. V. G. Khoroa, Nauch. dokl. zh. shkoly.
Sots. nauki 11 no. 3:25-34 '68.
Land cadastre and the economic evaluation of agricultural
land. P. Vedelichev, B. Pashkover, Ekono. Rad. Ukr.
10 no. 2-3:44-48 F '68.
Mansharian, N. M. [Differential rent and profitability of
collective farms] Differentsial'naya renta i rentabel'-
nost' kolkhlozov. Erevan, Izd. AN Arm. SSR, 1967,
260 p.
333(575.1) — Uzbek S. S. R.
From the history of the work of the Communist Party of
Uzbekistan in the renewal and development of cotton
growing, 1928-1928, I. M. Mahmudov, Nauch. trudy
TashGU no. 3:15-28-52 '67.
333.1 Public property
Development of socialist property in the process of the
building of communism. V. I. Korolov, Uch. zap.
Orlov. gos. ped. inst. 37-40-67 '67.
Historical grounds for anti-bureaucratic ways of organization and
development of the two forms of property in the
U. S. S. R. G. M. Dimaevskaya, Uch. zap. Orlov. gos. ped.
Inst. 37-5-26 '67.
333.1 Cooperative movement and cooperatives
Analysis of carrying out the plan for the procurement
of agricultural products and raw materials by a region-
al union of consumers' societies. V. Andriashkin,
I. Zima, Zakup. sel'khoz. prod. no. 3-24-27 Mir '66.
Cooperative meeting. Sov. politreb. koop. 12 no. 2:11-
13 F '68.
[Fifty years of Soviet consumers' cooperatives] 50 let
sovetskoy pol'stel'skoy kooperatsii. Moskva, "Ekono-
mika," 1967, 101 p.
Causes of the intensification of the competition. Sov. politreb.
koop. 12 no. 2:8-10 F '68.
Important work of the young people. Sov. politreb. koop.
12 no. 3-2-6 Mir '68.
Improve the level of legal work. A. Priykov, Sov. politreb.
koop. 12 no. 3-40-41 Mir '68.
Main task of trade union organizations. A. Shibaurova,
Sov. politreb. koop. 12 no. 3-42-48 Mir '68.
Role of the Soviet consumer's cooperative in developing
the procurement of agricultural products and raw
materials. G. Blauk, Zakup. sel'khoz. prod. no. 1:
22-26 Ja '68.
Strengthen business accounting in consumers' cooperative
procurement. A. Zaimantzykh, Zakup. sel'khoz. prod.
no. 12:18-20 D '67.
Youth improve their knowledge of economics. E. Fisher,
Sov. politreb. koop. 12 no. 3:28-30 Mir '68.
333(4/0.104) — Capitalist countries of the world
In the struggle with monopolies, B. Khvoslov, Sov.
polreb. koop. 12 no. 2:53-57 F '68.
334(44) — France
In defence of the interests of the peasant masses.
B. Kuznetsov, Sov. politreb. koop. 12 no. 3:50-63
Mir '68.
334(471.320) — Tainboy Province
Everything for the frontier and the victory. K. Naskin,
Sov. politreb. koop. 12 no. 2:6-7 F '68.
334(471.64) — Sverdlovsk Province
In the forest without... a hatchet. V. Kupchik, Sov.
polreb. koop. 12 no. 3-7-8 Mir '68.
334(478) — White Russian S. S. R.
Procurement of furs by the cooperatives of White Russian.
Zakup. sel'khoz. prod. no. 3:16-17 Ja '68.
Relying on the best achievements. V. Iakovchenko, Sov.
polreb. koop. 12 no. 2:16-21 F '68.
334(497.2) — Bulgaria
The October Revolution and Bulgarian cooperatives.
St. Iliev, Sov. politreb. koop. 12 no. 2:58-59 F '68.
334(575.1) — Uzbek S. S. R.
From the history of the work of the Communist Party of
Uzbekistan in the renewal and development of cotton
growing, 1928-1928, I. M. Mahmudov, Nauch. trudy
TashGU no. 3:15-28-52 '67.
338 Public finance
Horodin, S. V., A. N. Demichev, and G. M. Tochil'nikov.
[Finances and credit] Finansy i kredit. Izd. 2-o,
perorobot, 1 dop. Moskva, "Finansy," 1967, 260 p.
[Finances and credit] Finansy i kredit. Izd. 2-o,
perorobot, 1 dop. Moskva, "Finansy," 1967, 260 p.
338.1 State wealth and revenue. Budget
[Collection of problems on the state budget of the
U. S. S. R.] Sbornik zadach po gosudarstvennomu
byudzhetu SSSR. Izd. 2-o, dop. 1 perorobot. Moskva,
"Finansy," 1968, 180 p.
338.1 State wealth and revenue. Budget
[Collection of problems on the state budget of the
U. S. S. R.] Sbornik zadach po gosudarstvennomu
byudzhetu SSSR. Izd. 2-o, dop. 1 perorobot. Moskva,
"Finansy," 1968, 180 p.

Eglazarian, G. A., S. M. Pyskars, and P. V. Savchenko. [Collective forms of industrial incentives] Kollektivnye formy stimulirovaniya proizvodstva. Moskva, "Mosl. rabochii," 1968. 112 p.

338.1(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

[On the state budget of the R.S.F.S.R. for 1968 and on the carrying out of the state budget of the R.S.F.S.R. for 1966. Report and closing address by I. I. Fadeev, Minister of Finance of the R.S.F.S.R., delegate at the 2d session of the 5th Supreme Soviet of the R.S.F.S.R., October 17 and 18, 1967. The law of the Russian Soviet Federative Socialist Republic on the state budget of the Russian Soviet Federative Socialist Republic for 1967] O gosudarstvennom budzhetе RSFSR na 1968 god i ob ispolnenii Gosudarstvennogo budzhetа RSFSR za 1966 god. Dokladi zaklyuchitel'noe slovo Ministra finansov RSFSR deputata I. I. Fadeeva na vtoroi sessii Verkhovnogo Soveta RSFSR sed'mogo sozyva 17 i 18 oktyabrya 1967 goda. Zakon Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki o gosudarstvennom budzhetе Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki na 1968 g. Moskva, "Finansy," 1967. 35 p.

338 Production. Creation of wealth. Economic situation

Rirman, A. M. [The economist's talent] Talant ekonomista. Moskva, "Mol. gvardiya," 1968. 191 p. (Biblioteka molodogo marksista).

Brezhnev, L. I. [Fifty years of great achievements of socialism. Report and closing speech at the joint formal meeting of the Central Committee of the CPSU, the Supreme Soviet of the U.S.S.R., and the Supreme Soviet of the R.S.F.S.R. at the Kremlin Palace of Congresses, November 3-4, 1967] Piat' desyat let velikikh pobed sotsializma. Dokladi i zaklyuchitel'nye rechi na sovmestnom torzhestve, zasеdaniі TsK KPSS, Verkhovnogo Soveta SSSR i Verkhovnogo Soveta RSFSR v Kremlevskom dvortse 3-4 noyabrya 1967 g. Moskva, Politizdat, 1967. 134 p.

[Economic geography of foreign countries. A textbook for students] Ekonomicheskaya geografiya zarubezhnykh stran. Posobie dlia studentov. Pod red. G. S. Nevel'shteyna i dr. [2-e izd.] Moskva, "Prosveshchenie," Ch. 1. 1968. 446 p.

[The economic reform and problems of its realization] Ekonomicheskaya reforma i problemy realizatsii. Moskva, "Ekonomika," 1968. 165 p. Efficiency of industrial production. B. Polunov. Ekon. i zhizn', 10 no. 3:11-18 Mr '68. Fifteenth Soviet year. Bel. i zhech. bel. 13 no. 1:1-2 Ja '67.

[Fifty years of the Great October Socialist Revolution. Documents and materials] 50 let Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii. Dokumenty i materialy. Moskva, Politizdat, 1967. 240 p.

[Following the testaments of Lenin under the guidance of the party. Ekon. i zhizn' 10 no. 3:2-5 Ap '68. In the name of and for the welfare of man. Sov. iust. no. 10 1-2 My '68.

K. Marx on the economic development of Russia. A. Tushanov. Vop. ekon. no. 5:17-25 My '68.

[Program for a course on the economic history of the U.S.S.R. and foreign countries. For higher schools and faculties of economics] Programma kursа ekonomicheskoi istorii SSSR i zarubezhnykh stran. Dlia ekonomicheskikh vysshikh uchebnykh zavedeniі i fakul'tetov. Moskva, "Mysl'," 1967. 45 p.

Shnezhko, I. T. [Creation of the material and technical foundation of communism in the U.S.S.R.] Sozdaniye material'no-tekhnicheskoi bazy kommunizma v SSSR. Kiev, Izd. Kievskogo un-ta, 1967. 303 p.

Time economy law during the period of building communism. B. F. Kozachenko. Tруды VZIT no. 28:83-96 '67. Under the Lenin banner. Ochr. i razv. i soz. strakh. 11 no. 4:3-4 Ap '68.

338(77)—Underdeveloped and underdeveloped areas

Fruitful discussion of current problems. II. Izvuzh. S. I. Trufanov. Vest. LGU 23 no. 5:156-158 Mr '68. Industrial production of capitalist and developing countries. Mir. ekon. i mezhdunar. otn. no. 3:152-155 '68. Role of agriculture in the expanded reproduction of the developing countries. A. I. Under. Vest. LGU 23 no. 5:38-42 Mr '68.

338(4/9.103)—Communist countries of the world

Bogomolov, O. Y. [Theory and methodology of international socialist division of labor] Teoriya i metodologiya mezhdunarodnogo sotsialisticheskogo razdeleniya truda. Moskva, "Mysl'," 1967. 284 p.

Methodological principles of determining the nature of international division of labor in K. Marx's works. V. Filipov. Ekon. Rad. Ukr. 10 no. 5:13-19 My '68.

338(4/9.104)—Capitalist countries of the world

Industrial production of capitalist and developing countries. Mir. ekon. i mezhdunar. otn. no. 4:152-155 '68.

[Some tendencies of the development of the capitalist economy, 1917-1967] Nekotorye tendentsii razvitiya kapitalisticheskoi ekonomiki. 1917-1967. Moskva, "Mysl'," 1968. 295 p.

338(41)—United Kingdom and Northern Ireland

Currency crisis in England and the process of the reproduction of the means of production. I. Bregel'. Mir. ekon. i mezhdunar. otn. no. 1:103-107 '68. Cybernetics in the USSR. Ekon. i zhizn' 10 no. 4:22 Ap '68.

338(471.21)—Murmansk Province

[Economy of Murmansk Province during 50 years of the Soviet regime] Narodnoe khozai'stvo Murmanskoi oblasti za 50 let Sovetskoi vlasti. [Murmansk] Murmanskoe kn. izd., 1967. 63 p.

338(471.328)—Tambor Province

[Tambor Province during 50 years of the Soviet regime. A statistical abstract] Tamborskaya oblast za 50 let Sovetskoi vlasti. Stat. sbornik. Tambor, "Tamba, pravda," [1967]. 167 p.

338(471.341)—Gorkiy Province

Khorev, B. S. [Gorkiy Province. Nature, population, economy. Studies on economic geography] Gor'kovskaya oblast', Priroda, naselenie, khozai'stvo. Ekon. i geogr. ocherki. [Izd. 2-o, pererabot. i dop. Gor'ki]. Volgograd. kn. izd., 1967. 360 p.

338(471.43)—Kuybyshev Province

[The city of Kuybyshev during 50 years of the Soviet regime. Facts and figures] Gorod Kuybyshev za 50 let Sovetskoi vlasti. TSifry i fakty. Kuybyshev. Kn. izd., 1967. 123 p.

338(471.45)—Volgograd Province

[Economy of Volgograd Province during 50 years] Narodnoe khozai'stvo Volgogradskoi oblasti za 50 let. Volgograd, M.-Volzh. kn. izd., 1967. 283 p.

338(471.5)—Ural regions

Among the economists of the Urals and the Komi A.S.S.R. A. Buzlars. Vop. ekon. no. 5:146-151 My '68.

338(471.531)—Komi-Pereyaslavsk National District

Among the economists of the Urals and the Komi A.S.S.R. A. Buzlars. Vop. ekon. no. 5:146-151 My '68.

338(471.54)—Sverdlovsk Province

[The economy of Sverdlovsk before and now] Ekonomika Sverdlovskoi prezhde i teper'. Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967. 143 p.

Nikolayev, K. K., A. V. Borisov, and A. I. Dykov. [Formal development of the state] O formakh razvitiya [Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967] 162 p.

338(471)—Ukrainian S.S.R.

[Economic preconditions of the Great October Socialist Revolution. Based on the materials of the Ukrainian] Ekonomichni pereduvky Velikoi Zhovtovoi sotsialisticheskoi revoliutsii. Na materialakh Ukrainy. Kyiv, "Nashkova dumka," 1967. 100 p. (Respublikans'kyi mizhvidomchyl naukovyi zbirnyk).

338(477.8)—Western Ukraine

[Economy of Ternopol Province. A statistical abstract] Narodnoe hospodarskoye Ternopill'skoi oblasti. Statystichnyi zbirnyk. Kyiv, "Statystyka," 1967. 203 p.

338(477.88)—Transcarpathia

Academic conference on the use of the productive capacity of the Ukrainian Carpathians. B. Nikitenko. Ekon. Rad. Ukr. 10 no. 2:84-85 P '68.

338(478.24)—Azerbaijan S.S.R.

Cybernetics in the Azerbaijan economy. B. A. Azimov. Za tekhn. prog. 7 no. 11:7-9 N '67. Scientific and technical progress in Azerbaijan economy. Za tekhn. prog. 7 no. 11:3-5 N '67.

338(571)—Asiatic R.S.F.S.R.

The economy of Siberia: evaluations and recommendations. F. Rabinov. B. Orlav. Vop. ekon. no. 5:146-148 My '68.

[Transformed region. A story about great changes which took place in Transbaikalia during the Soviet regime] Preobrazhennyy kraj. Rasskaz o velikikh preobrazovaniyakh, proisshedshtvakh v Zabaykale za gody Sovetskoi vlasti. [Irkutsk] Vostochno-Sibirskoe kn. izd., 1967. 185 p.

338(571.17)—Kemerovo Province

[Progress of the five-year plan] Shagi planirovki. Kemerovo, Kn. izd. Vyp. 8. Kuzbass. God 1966, 1967. 174 p.

[Economy of Samarkand Province] Narodnoe khozai'stvo Samarkandskoi oblasti. Samarkand, 1967. 350 p. In the State Planning Commission. Ekon. i zhizn'. 10 no. 3:43-45.

338(575.3)—Tajik S.S.R.

[Economy of the Tajik S.S.R.] Ekonomika. "Ekonomika," 1968. 19 p. respubliki v novoi planifikatsii. 10 [Studies on the history of the nation] Istoricheskaya i ekonomicheskaya razvitiye Tadzhikistana (1917-1966 gg.). Dushanbe, Kh. S. Shakhmurovskaya i G. S. "Dushanbe," 1967. 403 p.

338(575.3)—African

Features of oriental despotism in colonial states in Africa. N. S. R. 23 no. 5:30-37 Mr '68.

338.1 Economics of agriculture. Collectivization and consumption. I. Z. Klimatov. Tруды Sotsializma 60 '68.

The agencies of the industry expansion. A. S. S. 11 no. 4:52-55 Ap '68.

Allowances for collective farmers. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Analysis of agricultural production. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Buying in order to sell. V. Klimatov. Tруды Sotsializma 60 '68.

Changes in the social structure of the village. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Consolidation of the alliance of the working class and the peasantry. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Dynamic effect of state delivery of collective farmers. V. Klimatov. Tруды Sotsializma 60 '68.

First results. N. Klimatov. Tруды Sotsializma 60 '68.

Formation of the retail prices of agricultural products. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Generalization of the experience of the collective farms in the process of collectivization. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Guarantees which protect the rights of the collective farmers. I. Z. Klimatov. Tруды Sotsializma 60 '68.

How criminal have proved the prices of agricultural products. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Legal advice. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Liability for work injuries of collective farmers. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Managerial, N. M. [Differentiation of collective farms] Differentsiatsiya kollektivnykh khozaystv. Kremen, Izd. 200 p.

On the collective farmers' long-term interests. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Some problems concerning the development of agriculture. I. Z. Klimatov. Tруды Sotsializma 60 '68.

Temirzhanov, V. K. [Means for increasing the productivity of collective farms] Sposoby povysheniya produktivnosti kollektivnykh khozaystv. N. A. Mordukhai, N. I. Chel'skoe kn. izd., 1967. 104 p.

338.1(431)—German

The new economic system and its development. V. K. Klimatov. Vest. Mosk. un. Ser. Ek. i Pravo 2 '68.

338.1(44)—France

In defense of the interests of the collective farmers. I. Z. Klimatov. Tруды Sotsializma 60 '68.

338.1(471)—Russian

[Collectivization of agriculture] Kollektivizatsiya sel'skogo khozai'stva (1927-1937). Khlozai'stvo v Zhovtovoi revoliutsii. Orlav, rad. D. I. Buchlov. Smol. 1938. 670 p.

338.1(471.22)—Kazakhstan

Profit and damage capacity of economic indicators of state farms. I. Z. Klimatov. Tруды Sotsializma 60 '68.

338.1(471.312)—Turkmen

Income for the collective farms. I. Z. Klimatov. Tруды Sotsializma 60 '68.

- prices and excellent quality. V. Oleinik. Zakup. sel'khoz. prod. no. 1:20-29 Ja '68.
- As carry out the five-year plan ahead of time. A. A. Kov. Part. zhizn' no. 17:46-50 S '68.
338. 1(474. 5)—Lithuanian S. S. R.
K. J. J. Antanas. [Village, culture, living conditions] Kalma, kultura, buitis. [Vilnius], Mintis, 197. 203 p. [In Lithuanian]
338. 1(477)—Ukrainian S. S. R.
Distribution of the social product on collective farms. Stepanchenko, Ikon. Rad. Ukr. 10 no. 5:74-79 '68.
- Results of evaluation of potato production. K. Maschenko. Ekon. Rad. Ukr. 10 no. 5:80-83 My '68.
- Economic survey. G. Taran. Komm. Ukr. 42 no. 6:60-74 Je '68.
- Unexploited possibilities of growth in agricultural production. N. Garkusha. Komm. Ukr. 42 no. 0:31-36 '68.
- Wetland vanguard. V. Tishchenko. Komm. Ukr. 42 no. 6:22-30 Je '68.
- How to increase the leaders' rows. A. Stepanuk. Komm. Ukr. 42 no. 6:50-56 Je '68.
- Stock farming can and must be highly profitable. Mushchuk, I. V. Ekon. Rad. Ukr. 10 no. 5:83-84 My '68.
- Party's influential power. S. Sitofanuk. Komm. Ukr. 42 no. 6:56-59 Je '68.
- It is a powerful economic lever. A. Zdorovtsov. Zakup. sel'khoz. prod. no. 1:10 Ja '68.
- It is something to remember the anniversary year of. Zakup. sel'khoz. prod. no. 12:1-2 D '67.
- Let all expand the attained accomplishments. Rudnovskii. Komm. Ukr. 42 no. 0:41-50 Je '68.
338. 1(477. 8)—Western Ukraine
It is for sowings; timing and quality. F. Seleznev. Agri. Ekon. 0:19-21 My '68.
338. 1(479. 24)—Azerbaijan S. S. R.
Village industry: significance and prospects. A. Ambarinov. Sov. Iorg. 41 no. 5:14-17 My '68.
338. 1(574)—Kazakh S. S. R.
Agricultural grain. V. Stepanov. Part. zhizn' no. 17:36 S '68.
338. 1(575. 1)—Uzbek S. S. R.
Activity of the Communist Party of Uzbekistan on securing cotton for the country during the Great Patriotic War. Zh. Kalymbetov. Nauch. trudy TashGU no. 316:1-66 '67.
- Communist Party of Uzbekistan as the organizer of cotton production in the cotton-growing areas from 1941 to 1945. Dzh. Akhmedov. Nauch. trudy TashGU no. 316:67-81 '67.
- Communist Party of Uzbekistan in the struggle for expansion of cotton growing during the second five-year plan (1953-1957). D. N. Pak. Nauch. trudy TashGU no. 316:82-95 '67.
- Scientific planning is the basis of success. P. Kabachkov. Part. zhizn' 10 no. 4:74-78 Ap '68.
- Field plot of a state farm. K. Mirza-Akhmedova. Prosv. Iarkhit. Uzb. 9 no. 1:30-31 Ja '68.
- Standard method of long-range planning. S. Usmanov. Komarovskii. Ekon. I zhizn' 10 no. 4:68-73 Ap '68.
- It is the cooperation of scientists and farmers. Part. zhizn' 10 no. 4:83-84 Ap '68.
- It is the need for cotton growing agro-industrial complexes. G. Nikolau. Ekon. I zhizn' 10 no. 3:65-67 '69.
- Work of the Communist Party of Uzbekistan in strengthening the material and technical basis of cotton-growing collective farms during the fifth five-year plan period: from the example of Kaskada-Darynskaya Province. Mirzaev. Nauch. trudy TashGU no. 316:97-103 '67.
- 4 Forms of production. Distribution of industry
- General expenses of by-product coke plants. A. Dmitrienko, I. A. Gaidina. Koka I khim. no. 4:1-65 '68.
- Economics of industry] Ref. sbor.: Ekon. prom. nos. 6-Je-Jl '68.
- The efficient use of material resources. S. Semlin. Tekh. snabzh. 3 no. 6:70-78 My '68.
- Problems of optimizing the development and distribution of industry. N. Fedorenko. Plan. khoz. 44 no. 8:10-20 Ag '68.
- Provide the workshops with centralized procurement. M. Karasik. Tekh. snabzh. 3 no. 5:65-67 My '68.
- Social division of labor and the development of social structure of a socialist society. J. Rukauskas. Vest. I.GU 23 no. 5:59-67 Mr '68.
- Special features in shifting grain product and combined feed industry enterprises to the new system of planning and economic incentives. T. Pavlova. Zakup. sel'khoz. prod. no. 4:10-12 Ap '68.
338. 4(177)—Underdeveloped and underdeveloped areas
Branch structure of production and foreign trade problems in developing countries. V. V. Shtromov. Vest. I.GU 23 no. 5:5-10 Mr '68.
338. 4(177)—Ukrainian S. S. R.
Economic problems of increasing the efficiency of industrial production. Org. I plan. otr. nar. khoz. no. 4:3-10 '68.
- Principles of the formation and development of industrial complexes. I. G. Malafayev. Org. I plan. otr. nar. khoz. no. 4:140-146 '68.
- Quality of mixed feeds manufactured in the Ukraine. V. Shadrinskaya. Zakup. sel'khoz. prod. no. 3:34-38 Mr '68.
- Ways of the efficient use of capital assets in the industry of the Ukrainian S. S. R. N. N. Skvortsov. Org. I plan. otr. nar. khoz. no. 4:28-31 '68.
338. 4(479. 24)—Azerbaijan S. S. R.
Development of Azerbaijan light industry. S. G. Ragimov. Tekh. prog. 7 no. 11:35-37 N '67.
338. 4(52)—Japan
[New face of the Japanese industry. Translated from the Japanese] Novoe litso japonskoi promyshlennosti. Pod red. K. Nagasu. Oshch. rod. S. B. Rusetskogo. Iredisl. I. A. Pevznera. Moskva, "Progress," 1967. 440 p.
338. 4(571. 15)—Altai Territory
The capacity of mixed feed enterprises of the Altai is growing. A. Starikov. Zakup. sel'khoz. prod. no. 3:33-34 Mr '68.
338. 4(571. 61)—Amur Province
Economic possibilities for creating industrial complexes and centers in Amur Province. A. G. Gorelov. Suor. nauch. rab. DVNIS no. 8:3-8 '68.
338. 4(574)—Kazakh S. S. R.
Selection of optimal long-range plan for the distribution of dairy industry enterprises in Kazakhstan. M. G. Isaeva, S. Detsukov, G. G. Polova. Probl. sovr. ekon. Kazakh. no. 3:182-203 '67.
- Some problems of increasing the efficiency of capital investments in ferrous metallurgy. M. Dorishev, A. Khassenov. Probl. sovr. ekon. Kazakh. no. 3:117-131 '67.
- Some results and problems of the economic reform. T. A. Ashimbayev, K. K. Zlobin. Probl. sovr. ekon. Kazakh. no. 3:3-20 '67.
338. 4(576. 1)—Uzbek S. S. R.
Establishing work norms. V. Shchit. Ekon. I zhizn' 10 no. 4:50-60 Ap '68.
- Technological progress and the scientific organization of labor. V. Dreda. Ekon. I zhizn' 10 no. 4:43-46 Ap '68.
- 338.5 Price and value. Cost
Analysis of the net cost of leather production. V. A. Volkov. Kozh. obuv. prom. 0 no. 5:10-24 My '68.
- Business accounting in irrigation systems and water prices. E. S. Kromer. Gidr. I mel. 30 no. 6:60-71 My '68.
- Calculation as a basis for cost analysis. B. Solvintzin. Prom. Arm. 10 no. 12:38-39 '67.
- Formation of the retail prices of agricultural products. S. A. Vecherskii. Vest. I.GU 23 no. 6:149-153 Mr '68.
- Prices under new conditions of management. I. Kotol'. Tekh. transp. 27 no. 5:22-24 My '68.
- Provide incentives for the production and procurement of high quality potatoes. R. Klimakova. Zakup. sel'khoz. prod. no. 3:23 Mr '68.
- Results of the wholesale price reform and problems of further improving price determination in Russia. V. Silina. Vop. ekon. no. 5:26-38 My '68.
- Some problems of determining the optimum level of the dependability of machinery from the economic point of view. L. A. Matveev. Trudy LPI no. 280:61-57 '67.
- Studying the dependence of costs on the volume of production output in the presence of several unified enterprises. V. A. Kozlovskii, A. V. Korot. Trudy LPI no. 280:81-87 '67.
- Tomilzhanov, V. Kh. [Means for utilizing the law of value in collective farm production] Puti ispol'zovaniia zakona stolimosti v kolhoznom proizvodstve. Pod red. N. A. Modvedeva. Nauch. Izh. Kabardino-Balkarskoe kn. izd., 1967. 104 p.
338. 5(471. 232)—Leningrad City
Structure of the preliminary expenditures for scientific research work carried out in institutions of higher learning. K. M. Volkov, E. G. Vasil'eva, L. V. Goltsheknova. Trudy LPI no. 266:64-68 '67.
338. 5(471. 63)—Stavropol Territory
Price, procurement, and profitability. V. Koshelev. Zakup. sel'khoz. prod. no. 12:21-23 D '67.
338. 5(477)—Ukrainian S. S. R.
Price is a powerful economic lever. A. Zdorovtsov. Zakup. sel'khoz. prod. no. 1:10 Ja '68.
338. 5(574)—Kazakh S. S. R.
Determining the cost of coke in substituting it with natural gas. A. G. Avanesov, I. E. Minin. Izh. Izh. Sov. ekon. Kazakh. no. 3:142-152 '67.
- 338.6 Organization of production
Some problems in the organization and work of war industry committees. A. I. Timoshenko. Vest. I.GU 23 no. 5:137-143 Mr '68.
338. 6(4/0. 104)—Capitalist countries of the world
Competitors of American monopolies. I. Ivanov. Mir. ekon. I mezhdunar. otn. no. 4:122-127 '68.
338. 6(41)—United Kingdom and Northern Ireland
A new organization of English monopolies. S. Perogudov. Mir. ekon. I mezhdunar. otn. no. 4:50-61 '68.
338. 6(477)—Ukrainian S. S. R.
An economic survey. G. Taran. Komm. Ukr. 42 no. 6:60-74 Je '68.
338. 6(575. 1)—Uzbek S. S. R.
Activity of the Communist Party of Uzbekistan on securing cotton for the country during the Great Patriotic War. Zh. Kalymbetov. Nauch. trudy TashGU no. 316:1-66 '67.
- From the history of activity of the Communist Party of Uzbekistan in the field of cotton growing: 1950-1956. S. I. Gulin. Nauch. trudy TashGU no. 316:115-120 '67.
338. 6(477)—Ukrainian S. S. R.
Efficiency of creating industrial combines. V. A. Ilgashenko. Org. I plan. otr. nar. khoz. no. 4:147-161 '68.
- Mozhduvedomennaya respublikanskaya nauchnaya konferentsiya po kompleksovmu kartografirovaniyu proizvoditel'nykh sil Ukrainakoi SSR, 2d, Kiev, 1966. [Comprehensive mapping of the productive forces of the Ukrainian S. S. R. Materials] Kompleksovo kartografirovaniye proizvoditel'nykh sil Ukrainakoi SSR. Materialy. Kiev, "Naukova dumka," 1967. 271 p.
338. 6(479. 24)—Azerbaijan S. S. R.
Village industry: significance and prospects. A. Ambarinov. Sov. Iorg. 41 no. 5:14-17 My '68.
338. 6(574)—Kazakh S. S. R.
Categories of the industrial center. V. F. Oskimenovich. Probl. sovr. ekon. Kazakh. no. 3:63-100 '67.

Influence of the mechanization and automation of production on the composition and number of industrial workers. N. G. Eshkvarenko. *Probl. sov. ekon. Kazakh*, no. 3:85-91 '67.

338.9 Factors of production. Form of economy, etc.

All-Union classifier. N. Kovalev. *Mat. i tekhn. sbornik*, no. 4:29-40 Ap '68.

Basic problems of industrializing field construction. N. L. Vovchenko. *Stroi. i stroit. stroi.* 13 no. 7:1-5 JI '67. Concept of the enterprise as an industrial collective of workers. V. A. Pashova. *Vost. Mosk. un. Ser. "Prava"* 23 no. 4:57-67 JI-Ag '68.

Economic services in plants should be improved. S. I. Min. *Tsentral* 32 no. 4:1-2 JI-Ag '68.

Economics are in the focus of attention. L. V. Kovalevsk. *Tsentral* 32 no. 3:2-3 JI-Ag '68.

Efficiency of capital investments and fixed assets in industry. *Effektivnost' kapital'nykh vlozhenii i osnovnykh fondov v promyshlennosti*. Pod red. B. M. Golina, V. G. Lebedeva. Moskva, "Mysl", 1967. 239 p.

Planned model of production and the realization of the national product and national income. V. Belkin, V. Ivartsev, N. Konstantinov. *Vop. ekon.* no. 5:58-59 My '68.

Purchasing power and the wholesale prices of an enterprise. F. I. Udenko. *Ekon. i mat. metod.* 4 no. 3:342-352 My-Je '68.

338.91(57) — Asiatic U. S. S. R.

[The West Siberian Economic Region] *Zapadno-Sibirskii ekonomicheskii raion*. Moskva, "Nauka", 1967. 251 p.

338.91(574) — Kazakh S. S. R.

[Development and distribution of the productive forces of the Kazakh S. S. R.] *Razvitie i razmeshchenie proizvodnykh sil Kazakhskoi SSR*. Moskva, "Nauka", 1967. 259 p.

338.91 Capital, labor. Raw materials. Natural energy

The law of socialist accumulation. O. Kraenokuts'ka. *Ekon. i mat. metod.* 10 no. 5:11-32 My '68.

[Power resources of the U. S. S. R.] *Energeticheskie resursy SSR*. Moskva, "Nauka".

[T. 1] [Fuel and power resources] *Toplivno-energeticheskie resursy*. Avt. A. K. Arskii dr. Otv. redaktor N. V. Mel'nikov. 1968. 431 p.

338.98 Economic planning and control

Adoption of naitive methods of planning and managing the construction of plants for the mining of native sulfur. I. A. Ivanov and others. *Khim. prom. Ukr.* no. 1:37-41 Ja-Je '68.

Bourgeois economists on national economic optimum and efficiency of planned production. I. Vashilina. *Vop. ekon.* no. 5:78-87 My '68.

Developing local criterion for optimality. V. Pugachev. *Vop. ekon.* no. 5:113-117 My '68.

Economic reform and problems of planning. M. Gorelikov, S. Nedoroshko. *Plan. khoz.* 14 no. 7:81-90 JI '68.

Improving regional planning and distribution of productive forces. M. G. Derzhinskii. *Plan. khoz.* 44 no. 7:16-57 JI '68.

The new five-year plan is an important step in the struggle to create a material and technical base for communism. *Za tekhn. prog.* 6 no. 6:1-2 My '68.

The plan and the market: opinions of Polish economists. I. Savvulina. *Vop. ekon.* no. 5:158-159 JI '68.

Problems of improving national economic planning. M. P. L. Gordin. *Plan. khoz.* 44 no. 7:32-35 JI '68.

Problems of improving planning and economic work in the national economy. N. K. Balbakov. *Plan. khoz.* 44 no. 7:3-31 JI '68.

Recommendations of the All-Union Conference on Improving Planning and Economic Work in the National Economy. *Plan. khoz.* 44 no. 8:71-96 Ag '68.

Regulating the system of planning and economic information. B. Tsomala, V. Hiezhaikov, O. Nevskii. *Ekon. i mat. metod.* 10 no. 2:34-39 F '68.

Some problems of the theory of planning. G. Sorokin. *Vop. ekon.* no. 5:88-101 My '68.

Soviet inventing activity under new economic conditions. I. I. Artemev. *Vop. izobr.* no. 6:3-8 JI '68.

Synopsis. I. M. [Mathematical models of network charts] *Matematika setevykh planov*. Moskva, "Ekonomika", 1967. 106 p. (Leksion po selektsii planirovaniu. Vyp. 2)

Ways of improving the organization of working out the material balances. A. M. Nevelev. *Org. i plan. str. str. khoz.* no. 4:111-118 '68.

338.98(177) — Underdeveloped and underdeveloped areas

Organization of economic planning in the noncapitalist countries of Africa. S. A. Sosna. *Sov. gos. i pravo* no. 6:121-127 Je '68.

338.98(431) — German Democratic Republic

New theoretical problems of planned economy in the Democratic Republic of Germany. H. Luf. *Vest. i GU* 23 no. 5:24-29 Mr '68.

338.98(471.54) — Sverdlovsk Province

Efficiency is the main criterion. I. Sladnikov. *Agitator* no. 9:40-42 My '68.

338.98(471.63) — Stavropol Territory

Let us carry out the five-year plan ahead of time. V. Iakov. *Part. zhizn'* no. 17:45-50 S '68.

338.98(477) — Ukrainian S. S. R.

Improve national economic planning. I. Bezudov. *Ekon. i mat. metod.* 10 no. 2:1-16 F '68.

Let us increase the leaders' rows. A. Stepanuk. *Komm. Ukr.* 42 no. 6:50-56 Je '68.

Material balances of the Ukrainian S. S. R. H. Tsomala. *Ekon. i mat. metod.* 10 no. 5:13-14 My '68.

338.98(55) — Iran

Iran in the year 1357. I. Sharlov. *Mezhkontr. zhizn'* 15 no. 5:105-110 '68.

338.98(574) — Kazakh S. S. R.

Cybernetics and planning. *Ekon. i zhizn'* 10 no. 4:12-21 Ap '68.

Kazakhstan grain. V. Stepanov. *Part. zhizn'* no. 17:24-25 S '68.

Scale and proportions of the development of industrial production. R. Karsibaev. *Probl. sov. ekon. Kazakh*, no. 3:18-24 '67.

338.93(575) — Central Asia

Cybernetics and planning. *Ekon. i zhizn'* 10 no. 4:12-21 Ap '68.

338.93(575.1) — Uzbek S. S. R.

The Communist Party of Uzbekistan in the struggle for expansion of cotton growing during the second five-year period, 1953-1957. D. N. Pak. *Nauch. trudy TashGU* no. 315:53-65 '67.

Diagnosis of the reform. H. Bezudov. *Ekon. i zhizn'* 10 no. 4:22-41 Ap '68.

Work of the Communist Party of Uzbekistan in strengthening the material and technical basis of cotton sowing collective farms during the fifth five-year plan period, from the example of Keskik. Darynskaya Province. K. Aliev. *Nauch. trudy TashGU* no. 315:97-103 '67.

338.98(6) — Africa

Organization of economic planning in the noncapitalist countries of Africa. S. A. Sosna. *Sov. gos. i pravo* no. 6:121-127 Je '68.

338.98 Distribution, consumption of wealth or goods, standard of living, etc.

Lagulin, N. S. [Soviet family budget] *Dizhizh sovetsoi* sem'i. Moskva, Politizdat, 1967. 64 p.

Regulation of the distribution of material wealth in socialist society. A. Chukina. *Ekon. i mat. metod.* 10 no. 5:33-41 My '68.

338.94(1) — United Kingdom and Northern Ireland

The new business for the workers. Z. Sviridova. *Mr. ekon. i mat. metod.* no. 4:101-103 '68.

338.95(1) — Uzbek S. S. R.

Plan for the population's monetary incomes and expenditures. F. Ideniev. *Ekon. i zhizn'* 10 no. 4:86-88 Ap '68.

338.97(3) — United States of America

Erears instead of ideals: "spiritual values" offered in the United States to a young person beginning a career: an observer's notes. V. Dol'shakov. *Agitator* no. 9:10-11 My '68.

34 JURISPRUDENCE. LAW. LEGISLATION

An important form of the dissemination of legal knowledge. V. Abramov. *Sov. iust.* no. 10:21 My '68.

New legal literature published in the U. S. S. R. *Sov. gos. i pravo* no. 6:161-165 Je '68.

Principal characteristics and value of socialist legal culture. N. V. Chernogolovskii. *Sov. gos. i pravo* no. 6:11-22 Je '68.

Problems of socialist state and law. *Voprosy socialisticheskogo gosudarstva i prava*. Sverdlovsk, 1967. 308 p. (K plamichestvu Velikogo Oktabria).

34(470.194) — Capitalist countries of the world

Brief reviews of books published outside the U. S. S. R. *Sov. gos. i pravo* no. 6:150-160 Je '68.

34(437) — Czechoslovakia

At a conference of Slovak practicing lawyers. E. Malev. *Sov. iust.* no. 8:28 Ap '68.

34(45) — Italy

A law is a law. G. Pol'skoi. *Sov. iust.* no. 9:27 My '68.

34(471) — Russian Soviet Federated Socialist Republic U. S. S. R.

[Classified] collection of the laws of the R. S. F. S. R., ed. decrees of the Presidium of the Supreme Soviet of the R. S. F. S. R., and the decisions of the Government of the R. S. F. S. R. *Sistematicheskoe sobranie zakonov RSFSR, ukazov Prezidiuma Verkhovnogo soveta RSFSR i reshenii Pravitel'stva RSFSR*. Moskva, "Gosizdat" T. 13. 1967. 671 p. T. 14. 1967. 671 p.

34(477) — Ukrainian S. S. R.

The 30th Anniversary of the Ukrainian legal party. *Rad. pravo* no. 6:3-7 JI '68.

34(486) — European communist countries as a group

Brief reviews of books published outside the U. S. S. R. *Sov. gos. i pravo* no. 6:150-160 Je '68.

340.6 Forensic medicine and chemistry. *Medical Jurisprudence*. Analysis of sudden death occurring at home in Semipalatinsk, based on materials of the Province Bureau of Forensic Medical Expertise. O. G. Tokanova. *Tr. S. Semipal. med. inst.* 4:332-335 '68.

340.6(574) — Kazakh S. S. R.

Analysis of stab and cut injuries based on data of the Semipalatinsk Province Bureau of Forensic Medicine. S. K. Kikrilev. *Trudy Semipal. med. inst.* 4:277-311 '68.

34 International law

The concept of guilt and its imputation in international law. H. V. Petrovskii. *Vest. i GU* 23 no. 12:12-35 Mr '68.

Nuclear adventurism of the U. S. A. and international law. O. V. Bogdanov. *Sov. gos. i pravo* no. 6:5-74 Je '68.

The Tenth International Congress on Space Law. V. S. Vinogradov. O. V. Zhukov. *Sov. gos. i pravo* no. 6:142-145 Je '68.

34.1 World organization. Regional unions, etc.

Peaceful uses of outer space. D. Izakov. *Nov. vrem.* 26 no. 34:12-13 Ag '68.

Tel Aviv goes too far. M. Krominov. *Nov. vrem.* 25 no. 34:13-14 Ag '68.

341.2 International relations and treaties

Communiqué on the Soviet-Czechoslovak negotiations. *Part. zhizn'* no. 17:3-4 S '68.

International protection of human rights. P. Nebois. *Rad. pravo* no. 6:8-13 Je '68.

International year of human rights. V. M. Glushkevich. *Tr. A. Ostrovskii. Sov. gos. i pravo* no. 6:3-12 Je '68.

Materials of the European Consultative Commission document No. 3 (to be continued). *Mezhkontr. zhizn'* 15 no. 5:162-160 '68.

Negotiations on complicity of nuclear weapons. A. Alekseyev. *Mezhdunar. zhizn'* 15 no. 5:22-26 Je '68.

Nuclear adventurism of the U. S. A. and international law. O. V. Bogdanov. *Sov. gos. i pravo* no. 6:5-74 Je '68.

Ukula geophysicists abroad. *Tr. Portov. izv. iys. ucheb. zav. i nst. i gzn* 11 no. 4:8 '68.

342 Civil rights

International protection of human rights. P. Nebois. *Rad. pravo* no. 6:8-13 '68.

International year of human rights. V. M. Glushkevich. *Tr. A. Ostrovskii. Sov. gos. i pravo* no. 6:3-12 Je '68.

341.2(437) — Czechoslovakia

Communiqué on the Soviet-Czechoslovak negotiations. *Part. zhizn'* no. 17:3-4 S '68.

Editorial: The great work of socialism in invincible. *Part. zhizn'* no. 17:6-11 S '68.

341.2(486) — European communist countries as a group

Editorial: The great work of socialism is invincible. *Part. zhizn'* no. 17:6-11 S '68.

342 Public law. Constitutional law

Characteristics of the organization and work of the organs of governmental administration in the Soviet and other Socialist republics. N. K. Khebov. *Vest. i GU* 23 no. 4:67-76 JI-Ag '68.

Correlation between the jurisdiction of the Soviet Union and the Union Republics in the field of social relief. V. I. Maksimovskii. *Sov. gos. i pravo* no. 6:102-116 Je '68.

Discussion of "The U. S. S. R., a federal state," a book by D. L. Zisopolskii. A. Silva. *Vest. Mosk. un. Ser. F* Pravo 23 no. 4:87-89 JI-Ag '68.

Quarantines which protect the rights as well as regulate the obligations of collective farmers. V. Dem'yanov. *Sov. iust.* no. 8:17-19 Ap '68.

[The Supreme Soviet of the U. S. S. R.] Verkhovnyi Sovet SSSR, Moskva, [Izvestia] 1967, 286 p.

Theory of the state and law as a part of the general theory of the organs and norms of political administration. A. I. Mushkin. Vest. LGU 14 no. 5:109-117 Mr '68.

342(431)—German Democratic Republic

A charter of peace and socialism; an article dedicated to it is a sign of the new socialist constitution of the German Democratic Republic. Walter Henke. Agitation 20:954-56 Mr '68.

The New Constitution of the German Democratic Republic. D. Martynenko. Rad. pravo no. 6:95-100 Je '68.

Problems of socialist legality and justice in the new Constitution of the German Democratic Republic. V. Pechov. Sov. iust. no. 10:29-30 My '68.

342(436)—Austria

Antidemocratic laws in Austria, 1945-1955. V. I. Ilye-Lutsan. Vest. LGU 23 no. 5:121-131 Mr '68.

343 Criminal law

Additional penalties for compound offenses in court practice. G. Barinovskaja. Sov. iust. no. 8:28-27 Ap '68.

A concrete sociological study of elements of crime. A. A. Gertsenzon. Sov. gos. i pravo no. 6:102-101 Je '68.

Criminal responsibility and "freedom of will." A. I. Shtalov. Vest. LGU 23 no. 5:118-123 Mr '68.

Criteria and indicators of the effectiveness of punishment. I. V. Shmarov. Sov. gos. i pravo no. 6:57-64 Je '68.

Determination of crime and the type of penalty in the Catalog of judicial sentences. N. Bazhanov. Rad. pravo no. 6:41-46 Je '68.

Determining the period of limitation in charging a person with a continuous criminal offense. V. Zykov. Sov. iust. no. 10:5-6 My '68.

Differentiation of the acquisition and sale of goods being fully aware that they were acquired by a criminal act from complicity in a crime and sheltering a criminal. G. Kotelapova. Sov. iust. no. 9:16-17 My '68.

Two elements of instantaneousness mentioned in Article 104 of the criminal code of the U. S. S. R. and the position of defense. D. Ostrovskii, I. Ostrovskii. Sov. iust. no. 10:13-15 My '68.

Especially serious effects of rape. A. Ignatov. Sov. iust. no. 10:10-11 My '68.

How criminal laws protect the property of collective farms. K. Udal'skii. Rad. pravo no. 6:64-69 Je '68.

Effectiveness and the possibility of its modification during the trial. P. Davydov. Sov. iust. no. 8:21-23 Ap '68.

An intense and vehement emotional excitement as an extenuating circumstance. V. Timonin. Sov. iust. no. 2:14-15 My '68.

Let us eliminate the violation of laws in the examination of protests. V. Zakharenko. Rad. pravo no. 6:86-89 Je '68.

Early hooliganism and its differentiation from the acts of hooliganism which must be prosecuted as a criminal offense. I. Grishanin, T. Khushnina. Sov. iust. no. 19:1-15 My '68.

Removal of a criminal case that was dismissed because the accused was released on bail. I. U. Ivanov. Sov. iust. no. 10:8-9 My '68.

Specific problems relating to defense in Soviet criminal procedure. P. El'kind. Sov. iust. no. 9:12-13 My '68.

Specialization of judges in the examination of cases concerning the pilfering of socialist property. T. Koriagina. Sov. iust. no. 9:23 My '68.

Substance and fact in criminal procedure. O. T. Sizlakin. Sov. gos. i pravo no. 6:115-120 Je '68.

V. I. Lenin's struggle against mismanagement. Sov. iust. no. 8:1-2 Ap '68.

Voluntary abandonment of plans and preparations for the commission of a crime. A. Zelinskii. Sov. iust. no. 8:1-11 Ap '68.

Voluntary withdrawal from the commission of a rape. I. U. Aksenitov. Rad. pravo no. 6:46-50 Je '68.

The wolf (to be continued). V. Lazarev. Sov. iust. no. 9:25-27 My '68.

A wolf (conclusion). V. Lazarev. Sov. iust. no. 10:27-28 My '68.

343(477)—Ukrainian S. S. R.

Experience in the struggle against hooliganism that deserves consideration. A. Honcharenko. Rad. pravo no. 9:57-59 Je '68.

343(48)—Southern Africa (including Rhodesia)

Why were the Africans executed? I. U. Ahmov. Mezhdunar. zhizn' 15 no. 5:123-124 '68.

343(73)—United States of America

The Memphis crime. I. Mikuson. Mezhdunar. zhizn' 15 no. 5:119-120 '68.

343.8 Penology. Crime prevention and deterrents

Criteria and indicators of the effectiveness of punishment. I. V. Shmarov. Sov. gos. i pravo no. 6:57-64 Je '68.

Orsk. A. M. Mikhlin, and E. Tishchenko. [What kind of person you will be, my boy?] Kakim ty budesh', paren'? Riga, "Izestna," 1967, 109 p.

How they "exchanged their experience." I. Sosipatrov. Sov. iust. no. 8:30-31 My '68.

343.9 Criminology

Concept and evaluation of delinquency. V. V. Orekhov. L. I. Spil'donov. Vest. LGU 21 no. 5:146-149 Mr '68.

A concrete sociological study of elements of crime. A. A. Gertsenzon. Sov. gos. i pravo no. 6:102-101 Je '68.

Experience in the struggle against hooliganism that deserves consideration. A. Honcharenko. Rad. pravo no. 9:57-59 Je '68.

343.915 Juvenile delinquency

Decisions of the plenary session of the Supreme Court of the U. S. S. R. Sov. iust. no. 10:21-26 My '68.

Orsk. A. M. Mikhlin, and E. Tishchenko. [What kind of person you will be, my boy?] Kakim ty budesh', paren'? Riga, "Izestna," 1967, 109 p.

Trial and rehabilitation of juvenile delinquents. D. Itatov. Sov. iust. no. 10:18 My '68.

We should try to improve the judicial examination of juvenile delinquency cases. A. Orlov. Sov. iust. no. 9:1-5 My '68.

343.915(477)—Ukrainian S. S. R.

What we have learned from the study of cases concerning the aggravated hooliganism of minors. S. Iukhovska. V. I. Honcharenko. Rad. pravo no. 6:17-11 Je '68.

343.927 Criminal investigation

Collecting the evidence in the process of the investigation of a criminal violation of industrial safety rules. V. Demidchenko. Rad. pravo no. 6:55-57 Je '68.

Early investigative measures in murder by lightning cases. I. U. S. Lashin. Vest. LGU 23 no. 5:118-123 Mr '68.

Pretrial investigation by the organs of Soviet military police during the civil war and foreign intervention. 1918-1921. I. A. Shrobnitskaya. Vest. LGU 23 no. 5:118-123 Mr '68.

Principles of socialist legality in the work of pretrial investigation agencies. H. Kaimov, S. Lysytskiy. Rad. pravo no. 6:60-11 Je '68.

Significance of public participation in the detection and investigation of criminal offenses. I. U. A. Ivanov. Vest. LGU 23 no. 5:118-123 Mr '68.

The wolf (to be continued). V. Lazarev. Sov. iust. no. 9:25-27 My '68.

A wolf (conclusion). V. Lazarev. Sov. iust. no. 10:27-28 My '68.

347 Private law. Civil law

Approach of the publication of the proposed "Basic principles of the marriage and family laws of the Union of S. S. R. and the Union Republics." Sov. iust. no. 9:10-20 My '68.

Civil law protection of the property of private persons in the U. S. S. R. A. A. Ilyushenko. Sov. gos. i pravo no. 6:101-110 Je '68.

The 60th birthday of E. A. Tishchenko, a meritorious author of the U. S. S. R. Sov. gos. i pravo no. 6:147-150 Je '68.

From the practice of notarial agencies. Sov. iust. no. 9:32-33 My '68.

Government-owned enterprises and concerns as juridical persons. V. Rakhimovich. Sov. iust. no. 8:7-8 Ap '68.

Improve the level of legal work. A. Prytkov. Sov. polit. khoz. 12 no. 7:46-49 Mr '68.

Issue of the documents which certify the rights of succession. M. Ochtykova. Rad. pravo no. 6:74-75 Je '68.

Legal advice. Rad. pravo no. 9:75 Je '68.

Legal consultation. A. V. Roll. Vrach. delo no. 6:157 My '68.

Let us protect the inheritance rights of our citizens. I. Gribchenko, E. Dubnina. Sov. iust. no. 9:10-11 My '68.

Limits of the self-defense of civil rights. V. P. Gribanov. Vest. LGU 23 no. 5:118-123 Mr '68.

Monetary deposits of a married couple. E. Bologorskaya. Sov. iust. no. 10:6-7 My '68.

New legislative enactments on domestic relations. A. Porogamov. Sov. iust. no. 8:13-14 Ap '68.

Proposed basic principles of the marriage and family law of the Soviet Union and the Union Republics. M. Orydzhova. Rad. pravo no. 6:76-79 Je '68.

Subject matter of Soviet family law. E. M. Vorozhokina. Sov. gos. i pravo no. 6:99-56 Je '68.

Subject of evidence in Soviet civil procedure. S. Kurylov. Sov. iust. no. 8:18-21 Ap '68.

347.264 Housing law. Housing problem

Controversial problems in the exchange of apartments and rooms. A. I. Mal'gova, I. P. Varnas. Sov. gos. i pravo no. 6:111-115 Je '68.

Eviction resulting from the demolition of a house. V. Skripko. Sov. iust. no. 10:16-17 My '68.

Some problems in the eviction of tenants by administrative agencies. A. Povar. Rad. pravo no. 6:51-53 Je '68.

347.264(479.104)—Capitalist countries of the world

The party's concern for improving housing conditions of the workers. R. Timukin. Komm. Ukr. 42 no. 6:65-74 Je '68.

347.264(438)—Poland

Warsaw of the future. Andrzej Krzyżewski. Now. vrem. 26 no. 34:24-25 Ag '68.

347.4 Bonds. Contracts. Agreements

Responsibility for the forfeiture of contracts for the purchase of farm products. D. Stoliarchuk. Rad. pravo no. 6:80-81 Je '68.

Structure of contractual relations in the delivery of lumber. M. Novinskii. Sov. iust. no. 10:19-20 My '68.

347.4(575.1)—Uzbek S. S. R.

Fulfillment of contractual agreements is a guarantee of success. Zayap. uchastkuz, iust. no. 4:6-9 Ap '68.

347.51 Legal liability

Economic penalties and the mobility of workers. A. Ilyukov. Sov. iust. no. 9:8-11 My '68.

Liability for failure to carry out the plan of rail transportation. I. Rukosuev. Sov. iust. no. 8:23-28 Ap '68.

Liability for work injuries should also be applied to collective farmers. V. Nechaev. Sov. iust. no. 9:24 My '68.

Liability of railroads for failure to deliver transport vehicles for loading. H. N. Mezlin. Sov. gos. i pravo no. 6:85-111 Je '68.

347.77 Patent and trademark rights, etc.

Author's remuneration and alimony. I. A. Zenta. Vop. izobr. no. 4:55-55 '68.

Characteristics of the subject of invention. G. N. Ailsoy. Vop. izobr. no. 4:17-23 '68.

Legal protection of the results of scientific work. V. A. Tashanovskii. Sov. gos. i pravo no. 6:40-43 Je '68.

Lenin's testament. E. I. Peltakova. Vop. izobr. no. 5:27-30 My '68.

Neulovskii, E. L. [Patent literature on the problems of the printing and publishing industry. Inventions of Soviet printers during the last 50 years, 1917-1967. An index of licenses and patents in the field of printing.] Patentnaya literatura po voprosam poligraficheskogo proizvodstva. Izobreteniia sovetskikh poligrafistov za 50 let, 1917-1967. Ukazatel' avt. i izobretatel'skikh patentov po voprosam poligrafii. Moskva, "Kniga," 1967, 208 p. (Seria bibliograf. spravochnikov).

On priority of exhibition. V. P. Shatrin, E. G. Petrov. Vop. izobr. no. 5:14-18 My '68.

Patent and production policy of the French firm "SIGMA." V. N. Malukhov. Vop. izobr. no. 4:50-52 '68.

Patent literature in the language of patent descriptions in France. A. I. Medvedov. Vop. izobr. no. 6:38-41 My '68.

Practice of examining the novelty of industrial designs. R. S. Dubovskii. Vop. izobr. no. 5:21-20 My '68.

Problem of validity of suggestions made by engineering and technical personnel. N. D. Shalilo. Vop. izobr. no. 5:19-20 My '68.

Problems of protecting inventions in certain developing countries and dependent territories. O. I. Tylekalin, O. V. Ivanova. Vop. izobr. no. 4:20-41 '68.

The prototype of an invention. V. N. Iakubov. Vop. izobr. no. 6:8-13 My '68.

Typical mistakes of applicants in filling out applications. N. P. Shoplev. Vop. izobr. no. 4:34-37 '68.

347.77(479.104)—Capitalist countries of the world

Atomic energy and the present-day patent system of capitalist countries. A. I. Iorish. Sov. gos. i pravo no. 6:127-133 Je '68.

347.77(471.5)—Lithuania

Course on patent problems at the Kaunas Polytechnical Institute. P. P. Kasparavicius. Vop. izobr. no. 4:40-49 '68.

347.78 Maritime law. Shipping, navigation law

Government and private piracy. M. I. Lazarev, P. D. Parabolka. Mar. ator. 60 no. 4:38-45 My '67.

347.9 Procedure. Judiciary personnel organization

Additional penalties for compound offenses in court practice. O. Barinovskaja. Sov. iust. no. 8:26-27 Ap '68.

[Bulletin of the Supreme Court of the U. S. S. R.] Blul. Verkh. Suda RSFSR no. 1-8 '68.

Decisions of the plenary session of the Supreme Court of the U. S. S. R. Sov. iust. no. 10:23-26 My '68.

Elimination of shortcomings in the implementation of Articles 51 and 52 of the civil procedure code of the U. S. S. R. in judicial commissions. N. Sergeeva. Sov. iust. no. 9:5-7 My '68.

How long shall we tolerate such practice? V. Dvoretzki. Sov. iust. no. 8:30-31 Ap '68.

In the service of justice. V. Sokolov. Sov. iust. no. 8:26-27 Ap '68.

Indictment and the possibility of its modification during the trial. P. Davydov. Sov. iust. no. 8:21-23 Ap '68.

Let us eliminate the violation of laws in the examination of protests. V. Zakharenko. Rad. pravo no. 6:86-89 Je '68.

Procedural rights of the persons who institute civil actions at law. A. Mel'nikov. Sov. iust. no. 10:12-13 My '68.

347.9 (Continued)

The ruling of a comrades court is final. M. Fent'sov. Sov. iust. no. 10-22 My '68.
Some problems relating to defense in Soviet criminal procedure. P. Kikind. Sov. iust. no. 9-12-13 My '68.
Specialization of judges in the examination of cases concerning the pilfering of socialist property. T. Kozlov. Sov. iust. no. 7-21 My '68.
Subject of evidence in Soviet civil procedure. S. Kurylev. Sov. iust. no. 8-19-21 Ap '68.
Substance and fact in criminal procedure. O. T. Sizakina. Sov. gos. i pravo no. 6-11-10 Jo '68.

347.9(437)—Czechoslovakia

At a conference of Slovak practicing lawyers. F. Malov. Sov. iust. no. 8-28 Ap '68.

347.9(45)—Italy

A law is a law. G. Mollekal. Sov. iust. no. 9-12 My '68.

347.9(477)—Ukrainian S.S.R.

Every life of the people's assessors. A. Puzikova. Rad. pravo no. 6-24-24 Je '68.

347.9(477.8)—Donets Basin

Experience in the organizational work of the presidium of a labor association. I. Iashenko. Rad. pravo no. 6-7-13 Je '68.

347.961 Notaries

From the practice of notarial agencies. Sov. iust. no. 8-32 Ap '68.

From the practice of notarial agencies. Sov. iust. no. 6-34 My '68.

Issue of the documents which certify the rights of accession. M. Oletyukova. Rad. pravo no. 6-14-75 Je '68.

Legal advice. Rad. pravo no. 6-75 Je '68.

Let us protect the inheritance rights of our citizens. L. Grinberg. F. Eiditova. Sov. iust. no. 8-10-11 My '68.

347.963 Public prosecutor

Public prosecutors supervise the observance of laws. Rad. pravo no. 6-105 Je '68.

347.996 Arbitration

Decisions of arbitration agencies. Sov. iust. no. 8-28-29-32 Ap '68.

Decisions of arbitration agencies. Sov. iust. no. 9-12 My '68.

In the State Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Sov. iust. no. 10-31 My '68.

35 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW

Professor I. I. Fytkhlev's 80th birthday. Sov. gos. i pravo no. 8-146 Je '68.

Subject matter and theoretical aspects of communal administration. G. I. Petrov. Sov. gos. i pravo no. 6-75-82 Je '68.

35.07 Administrative and governing bodies

Shiger, A. G. [New developments on the map of the world outside the U.S.S.R. A reference book] Novoe na karte zarubezhnogo mira. Spravochnik. Moskva, "Mysl", 1968. 87 p.

35.08 Public servants and personnel

35.08(73)—United States of America

People and events: Richard Millicus Nixon; Charles Mitchell; Turan Tuluy. Nov. vrem. 28 no. 34-21, 28 Ag '68.

35.08(4/0.104)—Capitalist countries of the world

Kufakova, N. A. [Legal status of the government employees in bourgeois countries. (Textbook)] Pravovoe polozenie sluzhashchikh gosudarstvennogo upravleniya burzhuaznykh stran. (Uchebnoe posobie). Moskva, 1967. 94 p.

351 Government legislation. Public services. Control. Regulations

351(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

[Gazette of the Supreme Soviet of the R.S.F.S.R.] Ved. Verkh. Sov. RSFSR nos. 31-37 Ag-S '68.

351.74 Police, civic guard, political police, state secret police, etc.

Principles of socialist legality in the work of pre-trial investigation agencies. I. E. Kotosh, S. Lymarchenko. Rad. pravo no. 6-80-83 Je '68.

351.77 Public health. Food. Housing, etc.

Isarov, G. Z. [Booklet for technical superintendents of residential buildings] Pamiatka tekhnika-smotritel'na zhitogo doma. 3-e izd., 1 spr. 1 dop. Moskva, Stroizdat, 1967. 65 p.

351.81 Communications. Traffic. Transport

351.81(471.232)—Leningrad City

Calculating and smoothing out passenger flow during morning rush hours. B. I. Zubarev, M. I. Vukhman, A. N. Smirnov. Eksp. i mat. metod. 4 no. 3-453-455 My-Je '68.

351.82 Economic legislation and control agriculture, trade and industry

Agostants and organizers. N. Voronin. Sov. iust. no. 8-20-22 My '68.

Decisions of arbitration agencies. Sov. iust. no. 8-28-29-32 Ap '68.

The forms of Soviet administrative procedure. V. I. Sorokin. Vest. LGU 23 no. 5-94-100 Mr '68.

Government-owned enterprises and concerns as juristic persons. V. Nakhimovich. Sov. iust. no. 8-7-8 Ap '68.

Leninist principles of the organization of public control and the drawing of workers into participation in government. N. N. Senin. Vest. LGU 23 no. 5-68-72 Mr '68.

Let us improve the forms of supplying the agricultural enterprises with materials and machinery. A. Pervushin. Sov. iust. no. 10-3-4 My '68.

Responsibility for the forfeiture of contracts for the purchase of farm products. D. Stoltcheruk. Rad. pravo no. 6-60-61 Je '68.

351.82(477.6)—Donets Basin

Efforts to ensure a strict observance of laws in industrial enterprises and governmental agencies. I. Hroshchuk. Rad. pravo no. 6-89-91 Je '68.

351.83 Labor legislation and control

Answering our readers' questions. Sov. iust. no. 8-30-31 Ap '68.

Concrete sociological studies and the amendment of labor laws. V. I. Nikitinski. Sov. gos. i pravo no. 6-31-39 Je '68.

[Decisions of the All-Union Central Council of Trade Unions] Shor. post. VTSUPS Ap-Je '67.

The forms of Soviet administrative procedure. V. I. Sorokin. Vest. LGU 23 no. 5-19-109 Mr '68.

Grounds for the establishment of the legal labor relations of young specialists. V. Otkhimen. Rad. pravo no. 6-83-85 Je '68.

Judicial cases concerning reinstatement to a former position. T. Kandybina, O. Koroleva. Sov. iust. no. 9-10-12 Ap '68.

The role of courts in preventing the violation of labor laws. E. Antokhenko, A. Morzunova. Rad. pravo no. 8-15-16 Je '68.

Zverev, A. G. [Checking the observance of labor laws] Provorka sobliudeniia trudovogo zakonodatel'stva. Moskva, Stroizdat, 1968. 70 p. (V pomoshch' oshchecstv. inspektora po okhrane truda).

351.83(436)—Austria

Antidemocratic laws in Austria, 1945-1955. V. F. Novikov. Vest. LGU 23 no. 10-28-30 My '68.

351.83(471.1)—Northern U.S.S.R.

Special rights of workers in the regions of the Far North. I. U. I. A. Tiederman. Sov. gos. i pravo no. 6-134-140 Je '68.

351.83(68)—Arctic and North Polar regions

Special rights of workers in the regions of the Far North. I. U. I. A. Tiederman. Sov. gos. i pravo no. 6-134-140 Je '68.

351.84 Social relief, welfare. Insurance

Answering our readers' questions. Sov. iust. no. 9-20-30 My '68.

351.87 Administration of justice

Let us intensify the work of public representation councils. V. Kriger, V. Ushimenko. Sov. iust. no. 8-16-18 Ap '68.

Public prosecutors supervise the observance of laws. Rad. pravo no. 6-105 Je '68.

351.87(431)—German Democratic Republic

Problems of socialist legality and justice in the new Constitution of the German Democratic Republic. V. Popkov. Sov. iust. no. 10-28-30 My '68.

351.8 Supervision, control of public administration

Leninist principles of the organization of public control and the drawing of workers into participation in government. N. N. Senin. Vest. LGU 23 no. 5-68-72 Mr '68.

Let us intensify the work of public representation councils. V. Kriger, V. Ushimenko. Sov. iust. no. 8-16-18 Ap '68.
Problems of public control in the U.S.S.R. O. V. Gubnova. Vest. Moskva, no. 9: Pravo 23 no. 4-5-97 Jo. Ag '68.

351.0(471.310)—Moscow City

In the Committee of People's Control attached to the Central Committee of the CPSU. Part. zhizn' no. 17-45 S '68.

351.0(471.62)—Kansuokan Territory

Control and help. V. Burdakov. Sov. polit. ekop. 12 no. 2-35-36 F '68.

351.0(477)—Ukrainian S.S.R.

On guard of economy and thrift. B. Maloroda. Nov. i tekhn. nazhdi. 3 no. 6-20-30 My '68.
The party group in the heads of people's control. A. Malachuk. Part. zhizn' no. 17-40-44 S '68.

352 Local government. Municipal administration

New legislative enactments concerning the village and settlement councils. V. Nizhnyk. Rad. pravo no. 6-19-10 Jo '68.

[Wonderful force] Chudessnaya sila. [Moskva] "Izvestia", [1968]. 627 p.

352(471.321)—Orel Province

Local soviets during the first ten years of Soviet rule. M. I. Pashkov. Brh. zap. Orl'ov. gos. ped. inst. 37-103 '67.

352(477)—Ukrainian S.S.R.

Let's ensure a wide-spread participation of the masses. I. Shukin. Rad. pravo no. 6-31-36 Je '68.

Recent legislative enactments. Rad. pravo no. 6-107-107 Je '68.

Some problems relating to the mass organization work of the soviets. S. Kuvshynov, V. Pihay. Rad. pravo no. 6-20-31 Je '68.

352(671)—Austrian R.S.F.S.R.

The Second All-Ukrainian Symposium on Problems of Local Soviets. K. P. Shchepetil. Vest. Moskva, no. 9: Pravo 23 no. 4-100-07 Jo. Ag '68.

355 MILITARY ART AND SCIENCE. WAR. NATIONAL DEFENSE. ARMED FORCES

Always in combat readiness. K. Vorobishin. Kryl. rod. 19 no. 2-4-6 F '68.

Be vigilant! Vost. protivovozd. obor. no. 4-2-5 Ap '68.

Born in a storm, covered with glory. Kryl. rod. 19 no. 2-2-3 F '68.

[Guarding the achievements of the Great October Revolution for 50 years] Vin'chesl'no! Vol na stazhe zavorozh Vollogo Oktiabria. [Moskva, Voenizdat, 1968] 32 p.

Guarding the sky. N. Greshenkov. Tekh. i voenn. 14 no. 4-4-5 Ap '68.

Loosening on Lenin. A. G. Miranenko. Vost. protivovozd. obor. no. 4-15-17 Ap '68.

A new lift to party work. A. T. Khodorov. Vost. protivovozd. obor. no. 4-10-14 Ap '68.

Service in country above all. I. Konev. Kryl. rod. 19 no. 1-2-3 Jo '68.

United with and true to the people. Sov. polit. ekop. 12 no. 2-2-5 F '68.

V. I. Lenin and technological progress. V. P. Kuvshynov. Tekh. i voenn. 20 no. 4-1-3 Ap '68.

355(469)—Hungary

Seven years of struggle for liberation. I. K. Kallacs. Mezhdunar. zhizn' 10 no. 6-125-126 '68.

355(471.5)—Ural regions

[People from the Urals are good fighters] Ural'tay b'itelsa zdorovo. Sverdlovsk. Brch. - Ural'skaya ul. 1068. 230 p.

355(597)—Vietnam

Pirates of five oceans. P. Shargalin. Kryl. rod. 19 no. 6-32 My '68.

355.02 National defense policy. Military policy

Means of penetrating antimissile defenses. I. A. Furs. Vost. protivovozd. obor. no. 4-20-03 Ap '68.

The official bank of NATO. A. S. Baitashov. Vost. protivovozd. obor. no. 4-85-90 Ap '68.

355.1 Army and navy life. Tradition. Uniforms, etc.

Development of naval regulations. V. N. Ilesarova. Mor. obor. 51 no. 2-56-61 F '68.

Mikriukov, M. P. [A medal for combat, a medal for work...] Medal' za boi, medal' za trud... Perva. Kn. izd., 1967. 62 p. (B chika prilyvnik).

Under the canopy of memorial banners. P. P. Abramov. Mor. obor. 81 no. 2-40-43 F '68.

355.2 Forces personnel. Mobilization

How to reduce service time. I. Solomenko. Tekh. i voenn. 26 no. 4-0-6 Ap '68.

355.3 (Continued)

Reliability of armored equipment. R. Sidorenko. Tekh. i vooruzh. 26 no. 4:36-37 Ap '68.
Repairs and combat readiness. L. Karnozov. Tekh. i vooruzh. 26 no. 4:8-7 Ap '68.
A special tank repair shop. V. Kaidalov, I. Zil'berman. Tekh. i vooruzh. 26 no. 4:8 Ap '68.

355.3 General organization of the forces

Work style of officers in unit headquarters. G. P. Kozlov. Mor. sbor. 51 no. 2:72-70 F '68.

355.4 Operations of war. Tactics and strategy

Air strikes. S. Ushakov. Av. i kosm. no. 7:21-23 JI '68.
Communications in the navy during 50 years. G. G. Tolstouskii, P. F. Krysin. Mor. sbor. 50 no. 5:15-22 My '67.
Development of mathematical model complexes for the operational and tactical use of the forces. I. S. Solov'ev. Mor. sbor. 51 no. 2:62-64 F '68.
In short periods of time. A. R. Turin. Vest. protivovozd. obor. no. 4:44-40 Ap '68.
Increase reliability of synchronous teletype systems. M. M. Tselikhin, V. N. Stets. Vest. protivovozd. obor. no. 4:12-74 Ap '68.
Naval operations and possibilities of countering the enemy. I. D. Eliseev. Mor. sbor. 51 no. 3:21-25 Mr '69.
Fishes of the Black Sea Fleet in battles for the Caucasus: from memoirs. K. D. Denisov. Mor. sbor. 51 no. 3:57-51 Mr '68.
Presentation of a gold star.... A. Vorozhelkin. Kryl. rod. 19 no. 2:5-7 F '68.
Increasing auxiliary transport vessels at sea from enemy air attacks. D. I. Pomin. Mor. sbor. 60 no. 5:29-32 My '67.
Some recommendations to a navigator on ensuring success in antiraid operations. L. S. Rubintovich, V. A. Maksimov. Mor. sbor. 51 no. 3:38-44 Mr '68.
Why tactical bombing is being underestimated? G. Ivanov. Av. i kosm. no. 7:34-30 JI '68.

355.4(471.232)—Leningrad City

The road of life: from memoirs. N. K. Smirnov. Mor. sbor. 50 no. 5:23-28 My '67.

355.4(471.45)—Volgograd Province

Pages of courage. N. Balakin. Kryl. rod. 10 no. 2:12-7 '68.

355.4(587)—Vietnam

Canada and the war in Vietnam. I. U. Rigin, Mezhdunar. shizn' 15 no. 5:80-89 '68.

355.4(73)—United States of America

The situation in Vietnam. Amlasador Nguyen Th. Chan. Nov. prom. 20 no. 34:3-6 Ag '68.
Some problems in using aviation in amphibious landings. Y. A. Evgen'ev. Mor. sbor. 51 no. 3:70-83 Mr '68.
Strategic failures of the United States in Indochina. D. Tselikhin. Mezhdunar. shizn' 16 no. 5:40-60 '68.

355.5 Military training. Exercises. Drill

About a real and a false ambition. E. Smirnov. Av. i kosm. no. 7:75-76 JI '68.
Along the path of the strong. M. Lebedinskii. Kryl. rod. 19 no. 2:31-32 F '68.
The arrows drew close and so could the aircraft. M. Kolk. Av. i kosm. no. 7:43-47 JI '68.
Brief specialized training of students in educational class. D. D. Stuzanov. Mor. sbor. 61 no. 3:20 Mr '68.
Defining the basic question. A. S. Morozov. Vest. protivovozd. obor. no. 4:28-30 Ap '68.
Developing the creative capabilities of future officers. M. B. Morozov, V. V. Serobriantnikov. Vest. protivovozd. obor. no. 4:50-51 Ap '68.
A distant cruise is the best school for a sailor. I. U. I. Stepanov. Mor. sbor. 51 no. 2:65-80 F '68.
A decision prevents the danger of a wrong premise. A. Ugarov. Av. i kosm. no. 7:48-60 JI '68.
Every minute of instruction is filled with relentless study. N. A. Ivanov. Vest. protivovozd. obor. no. 4:23-43 Ap '68.
For resolute, decisive and prudent commanders. S. M. Lebov. Mor. sbor. 50 no. 5:40-53 My '67.
Gelman, A. L. [Mass defense work and the trade unions] Oborona massovaya rabota i profsoyuzy. [Moskva] Proizh. 1968. 78 p. (B-chka proizvol'nogo aktivista. 5:2011).
Give constant attention to the tactical training of aviators. I. U. I. Stepanov. Mor. sbor. 51 no. 2:70-81 F '68.
A great duty. M. Lebedinskii. Kryl. rod. 19 no. 5:21 My '68.
Ideological training constitutes combat hardening. I. U. I. Stepanov. Av. i kosm. no. 7:20-21 JI '68.
An important function of officers of the education detachment. A. Zait-Bek. Mor. sbor. 51 no. 3:38-33 Mr '68.
In short periods of time. A. R. Turin. Vest. protivovozd. obor. no. 4:44-40 Ap '68.
Incorporating new teaching methods. N. D. Stepanenko. Vest. protivovozd. obor. no. 4:47-49 Ap '68.
An interrupted flight. S. Vlashev. N. Chernykh. Av. i kosm. no. 7:71-74 JI '68.
Lieutenants took off for a flight. S. Gribov. Av. i kosm. no. 7:86-60 JI '68.

Misallermen... M. Semenov. Kryl. rod. 10 no. 3:16-28 Mr '68.
On public principles. Kryl. rod. 10 no. 5:9 My '68.
The one who opens the door to the sky. A. Khorobrykh. Av. i kosm. no. 7:68-70 JI '68.
Our competition. Vest. protivovozd. obor. no. 4:26-27 Ap '68.
Path to becoming a lieutenant. I. Chichkin. Kryl. rod. 19 no. 2:18-18 F '68.
Pilots a generation of eagles. R. Turchenko. Av. i kosm. no. 7:62-64 JI '68.
Preparation of aircraft could certainly be accelerated. R. Supon'ko, I. U. Voskresenskii. Av. i kosm. no. 7:58-68 JI '68.
Put scientific organization of labor into practice for combat training. I. A. Morozov. Mor. sbor. 51 no. 2:67-71 F '68.
Tactical training with field firing. I. M. Dzhalil, V. P. Nikanorov. Vest. protivovozd. obor. no. 4:18-21 Ap '68.
Taking into consideration the peculiarities of the calendar. V. Alekseev. Av. i kosm. no. 7:7-11 JI '68.
The target is next to the ground troops. V. Poladin. Av. i kosm. no. 7:37-38 JI '68.
Teaching naval discipline. A. Sh. Matkov. Mor. sbor. 50 no. 5:62-66 My '67.
Technological resources for teaching. I. U. Vdovin, A. Makimov, L. Paktovskii. Tekh. i vooruzh. 28 no. 4:20-21 Ap '68.
Training as well as technical education circles of great importance. A. Ugarov. Av. i kosm. no. 7:51-55 JI '68.
The training of commanders today. N. Shchepanov. Av. i kosm. no. 7:28-33 JI '68.
Training the trainers. I. A. Shvartsman. Kryl. rod. 19 no. 1:19-17 Ja '68.
Under conditions close to real combat. D. I. Smirnov. Vest. protivovozd. obor. no. 4:22-26 Ap '68.
What kind of automation is needed. S. Nizantsev, S. Plokhovskii. Tekh. i vooruzh. 26 no. 4:22-23 Ap '68.
Your civic duty. Kryl. rod. 10 no. 3:10-11 Mr '68.

355.5(73)—United States of America

Merchandise of big business: some information on the training of personnel in the U. S. Navy. G. A. Arzumyanov. Mor. sbor. 51 no. 2:82-88 F '68.

355.5(93)—Arctic and North Polar regions

Under the wing is the Barents Sea. E. Simakov. Kryl. rod. 10 no. 1:19-17 Ja '68.

355.5 Administrative and auxiliary services

Analyzing flights and the air force physician. M. M. Frenin. Vest. protivovozd. obor. no. 4:35-38 Ap '68.

355.6 Artillery and armor

Dynamos of stabilizers. K. Pavlichuk. Tekh. i vooruzh. 24 no. 4:12-14 Ap '68.

355.6 Air force

About a real and a false ambition. E. Smirnov. Av. i kosm. no. 7:75-76 JI '68.
Analyzing errors also teaches. V. Portnenko. Kryl. rod. 10 no. 3:14 Mr '68.
Analyzing flights and the air force physician. M. M. Frenin. Vest. protivovozd. obor. no. 4:35-38 Ap '68.
The arrows drew close and so could the aircraft. M. Kolk. Av. i kosm. no. 7:43-47 JI '68.
Everyday life of the waged patriots. V. Berashov. Kryl. rod. 19 no. 5:17 My '68.
I see the target! D. Grabovskii. Kryl. rod. 10 no. 2:3 F '68.
Ideological training constitutes combat hardening. I. U. I. Stepanov. Av. i kosm. no. 7:20-21 JI '68.
An interrupted flight. S. Vlashev. N. Chernykh. Av. i kosm. no. 7:71-74 JI '68.
Lieutenants took off for a flight. S. Gribov. Av. i kosm. no. 7:86-60 JI '68.
Loyalty. A. Shikov. Kryl. rod. 10 no. 3:2-3 Mr '68.
The one who opens the door to the sky. A. Khorobrykh. Av. i kosm. no. 7:68-70 JI '68.
Path to becoming a lieutenant. I. Chichkin. Kryl. rod. 19 no. 2:18-18 F '68.
Pilots a generation of eagles. R. Turchenko. Av. i kosm. no. 7:62-64 JI '68.
Preparation of aircraft could certainly be accelerated. R. Supon'ko, I. U. Voskresenskii. Av. i kosm. no. 7:58-68 JI '68.
Sacred duty, honored responsibility. G. Shantunov. Kryl. rod. 19 no. 3:13-15 F '68.
Sword and shield... N. Shchepanov. Kryl. rod. 10 no. 3:3 Mr '68.
The target is next to the ground troops. V. Poladin. Av. i kosm. no. 7:37-38 JI '68.
Teacher of heroes. H. Shimanov. Kryl. rod. 10 no. 3:23 Mr '68.
Technical equipment should be scientifically classified. P. Skutskii. Av. i kosm. no. 7:52-55 JI '68.
The terminal stage of a flight. A. P. Kashin. Vest. protivovozd. obor. no. 4:31-34 Ap '68.
Thus began the pathway to the stars. G. Burd. Kryl. rod. 19 no. 3:13 Mr '68.
True sons of the fatherland. N. Shchepanov. Kryl. rod. 19 no. 2:10-11 F '68.
We are ready to serve the motherland! A. Kalfazhnyi and others. Kryl. rod. 19 no. 2:9 F '68.
Winged guardman. D. Zemlianik. Kryl. rod. 19 no. 3:4-5 Mr '68.

355.6(71)—Canada

Canada and the war in Vietnam. I. U. Rigin, Mezhdunar. shizn' 15 no. 5:80-89 '68.

355.6(73)—United States of America

Basic strength of tactical aviation. A. Ponomarev. Kryl. rod. 19 no. 3:26-27 Mr '68.

359 Navy

A. M. Gorkii among sailors: on the 100th anniversary of the writer's birth. A. U. Danil'chenko. Mor. sbor. 51 no. 3:49-54 Mr '68.
The Baltic glory. V. A. Zverov. Mor. sbor. 51 no. 2:18-25 F '68.
A check of performance is the chief aim in party guidance. S. S. Ilev. Mor. sbor. 51 no. 3:16-20 Mr '68.
Communications in the navy during 50 years. G. G. Tolstouskii, P. F. Krysin. Mor. sbor. 50 no. 5:15-22 My '67.
Cruising under ice in 1908. A. A. Rosenshteyn. Mor. sbor. 50 no. 5:80 My '67.
The first issue of "Morakol sbornik" 50 years ago. Mor. sbor. 51 no. 3:50-51 Mr '68.
Flavor, Nikolai. [Ship named after the Revolution] Korabl' Imeni revoliutsii. Moskva, Izd. DOSAAF, 1967, 120 p.
For new accomplishments in the name of the motherland. Mor. sbor. 51 no. 3:3-4 Mr '68.
From party conferences: from reports of our correspondents. Mor. sbor. 51 no. 3:3-8 Mr '68.
Heroes of the fatherland. V. I. Nikitchev. Mor. sbor. 51 no. 2:44-47 F '68.
Improve work with fitters in every way possible. Mor. sbor. 51 no. 3:13-15 Mr '68.
Moral and psychological training of launch crews. A. I. Babitskov. Mor. sbor. 51 no. 3:33-37 Mr '68.
Naval operations and possibilities of countering the enemy. I. D. Eliseev. Mor. sbor. 51 no. 3:21-25 Mr '68.
The officer and the sociopolitical life on a ship. I. A. Ivanov. Mor. sbor. 50 no. 1:53-67 My '67.
On board ships, in naval units and divisions: from reports of our correspondents. Mor. sbor. 50 no. 5:10-14 My '67.
On board ships, in naval units and divisions: from reports of our correspondents. Mor. sbor. 51 no. 2:13-17 F '68.
A person well trained in politics makes an outstanding political worker: from memoirs. I. N. Purnik. Mor. sbor. 51 no. 3:66-57 Mr '68.
Raise combat readiness of our own navy. V. A. Kozlov. Mor. sbor. 51 no. 3:0-12 Mr '68.
Raise the quality of flight planning. Mor. sbor. 51 no. 3:20-20 Mr '68.
Relics of combat glory. I. M. Kulshreshov. Mor. sbor. 51 no. 2:46-52 F '68.
The shield and sword of the fatherland. N. D. Sergeev. Mor. sbor. 51 no. 2:13-12 F '68.
Under the banner of internationalism. I. A. G. Vochupalov. Mor. sbor. 50 no. 6:3-8 My '67.
United with and true to the people. S. P. Potreb. koop. 12 no. 2:2-5 F '68.

36 SOCIAL RELIEF AND WELFARE. INSURANCE

361 Social relief

Correlation between the jurisdiction of the Soviet Union and the Union republics in the field of social relief. V. I. Mikhlinovskii. Sov. gos. i pravo no. 6:102-100 Ju '68.

362.1 Medical (health) services. Hospitals, clinics, sanatoriums, spas, etc.

Experience in compound dispensary service for patients with rheumatism under the conditions of hospital-polyclinical consolidation of a clinical hospital. G. L. Georgievskaya, A. T. Sushchikova, K. P. Moskova. Trudy Vro. mod. int. 40:135-140 '62.
The five-day workweek and medical help. E. Kiselevskaya. Okhr. truda i soc. strakh. 11 no. 8:14-16 Je '68.
Soviet public health service: 60th anniversary of Soviet public health service and Medical Workers' Day. M. Mirekii. Agitator no. 9:14-18 My '68.

362.1(471.322)—Lipetsk Province

Restore the fame of Lipetsk health resort. A. Kufik. Okhr. truda i soc. strakh. 11 no. 6:28-27 Je '68.

362.1(471.53)—Perm Province

"Unfit for reservations?" They should be eliminated. G. Gennad'ev. Okhr. truda i soc. strakh. 11 no. 4:18-10 Ap '68.

368.4 Social insurance. Workmen's insurance

Allowances for temporary incapacity. Nefiansk 13 no. 5:31 My '68.
Archives tell. G. P. Ilna. Sots. obozr. 43 no. 4:7-9 Ap '68.
From the Collegium of the Ministry. Sots. obozr. 43 no. 4:60-51 Ap '68.
Legal advice. Rad. pravo no. 6:60-70 Je '68.
On the basis of productive work. V. Babkin. Okhr. truda i soc. strakh. 11 no. 4:9-10 Ap '68.
Our anniversary. Sots. obozr. 43 no. 4:1-6 Ap '68.
Rewards create obligations. A. Nuzhnov. Sots. obozr. 43 no. 4:25-27 Ap '68.

368.4 (Continued)
This was in the 1920's... Sots. o'esp. 43 no. 4-12-15
Ap '68.
Turning over the pages of history. M. Senenov. Sots.
o'esp. 43 no. 4-12-15 Ap '68.

368 4(45)—Italy
The Italian workers in the struggle for their rights.
Enzola Iucchi. Sots. o'esp. 43 no. 4-12-15 Ap '68.

358 4(471, 26)—Kalinin Province
Golden character. A. Suslov. Sots. o'esp. 43 no. 4-28-
29 Ap '68.

368 4(471, 310)—Moscow City
When there is concern for the people. A. Trofimov.
Sots. o'esp. 43 no. 4-27-28 Ap '68.

368.42 Social health insurance. Insurance against occupational
diseases
Allowances for collective farmers. G. Simonenko. Ochr.
truda i sots. strakh. 11 no. 6-26-29 Fe '68.
Mel'burgeta will say. "Tanki." A. Gerasimov. Ochr.
truda i sots. strakh. 11 no. 4-12-13 Ap '68.

368 48 Retirement, pension
Accounting for losses in computing pensions. M. Kech-
ma. Ochr. truda i sots. strakh. 11 no. 4-26-28
Ap '68.

The agencies of the ministry explain. Sots. o'esp. 43
no. 4-22-55 Ap '68.
Answering our readers' questions. Sov. Izv. no. 9-29-
30 My '68.
First results. N. Cherkasova. Sots. o'esp. 43 no. 4-
20-21 Ap '68.

On the collective farmers' length of service. A. Kozlov.
Sots. o'esp. 43 no. 4-16-19 Ap '68.
Preferential pensions for transportation workers.
V. Konstantinov. Sots. o'esp. 43 no. 4-26-59 Ap '68.

369.4 Youth movements. Youth associations
Important work of the young people. Sov. potreb. koop.
12 no. 3-2-8 Mr '68.
Light of the young people's cafes. I. Zhivetina. Sov.
potreb. koop. 12 no. 3-22-24 Mr '68.

368 4(477, 8)—Western Ukraine
Daniliv, Teodor. [Founder of the Plast. (On Professor
Oleksandr Tysova's 80th birthday)] Osnovopolozh-
nik Plastu. (Do 80-ricchchia z dnia narodzhennia pro-
fessora d-ra Oleksandra Tysova'koho). Munich, "Molode
zhyttilia," 1966, 46 p.

37 EDUCATION

[Scientific and practical problems of instruction during
natural sleep] Nauchnye i prakticheskie voprosy obuch-
eniia s ispol'zovaniem estestvennogo sna. Pod red.
V. P. Zuhartia. Moskva, 1967, 170 p.

37(471, 63)—Kalmuk A. S. S. R.
[From the cultural history of prerevolutionary Kalmukia]
Iz istorii kul'tury dorevolutsionnoi Kalmukii. Volg-
grad, N. Volzh. kn. izd., 1967, 73 p.

37(575, 4)—Turkmen S. S. R.
Muradov, Kh. [Development of public education in the
Turkmen S. S. R. during the years of reconstruction of
the socialist national economy, 1946-1950] Razvitiie
narodnogo obrazovaniia Turkmenstot SSR v gody vos-
stanovleniia sotsialisticheskogo narodnogo khoziaistva
(1946-1950 gg.). Ashkhabad, "Turkmenistan," 1967,
118 p.

370.17 Communist education
Courses for retraining party and soviet cadres. Part.
zhizn' no. 17-22-28 S '68.
Gentis, N. N. [Let us think independently and act force-
fully] Samostoiatel'no mysliť, aktivno deistvovat'.
Moskva, "Moak, rabochii," 1968, 80 p. (Decree o
prop. mastership).

Intensification of ideological work is an urgent task.
Agitator no. 9-3-6 My '68.
The party's concern for political education of the young
people. A. Dmitriuk, Part. zhizn' no. 17-54-60 S '68.
School and life: 50th anniversary of the statute signed by
V. I. Lenin on the organization of public education.
IA, Pitipovskii. Agitator no. 9-17-18 My '68.
Work with party members. Part. zhizn' no. 17-51-53
S '68.

370.17(477)—Ukrainian S. S. R.
Powerful instruments of communist education. N. Saachko.
Komm. Ukr. 42 no. 8-38-40 Je '68.
Province newspapers and party education. A. Gavriluk.
Komm. Ukr. 42 no. 6-49-51 Je '68.

370.17(575, 1)—Uzbek S. S. R.
The party organization's work in Uzbekistan for improv-
ing propaganda lectures among cotton growers during
the seven-year plan period. K. Sultanov. Nauch. trudy
TashGU no. 319-139-146 '67.

371.3 Methods of instruction
Incorporating new teaching methods. M. D. Stepanenko.
Vest. protivostoi. obr. no. 4-47-49 Ap '68.
[Programmed instruction abroad. Translated from the
English] Programirovannoe obuchenie za rubezhom.
Moskva, "Vyssh. shkola," 1968, 275 p.

[Scientific and practical problems of instruction during
natural sleep] Nauchnye i prakticheskie voprosy obuch-
eniia s ispol'zovaniem estestvennogo sna. Pod red.
V. P. Zuhartia. Moskva, 1967, 170 p.

Use of programming elements in differentiated group
teaching of mathematics in school. A. Z. Minkov.
Uch. zap. Kab. -Balk. gos. un. no. 39-103-111 '68.

371.4 Educational systems
School and life: 50th anniversary of the statute signed by
V. I. Lenin on the organization of public education.
IA, Pitipovskii. Agitator no. 9-17-18 My '68.

371.6 Teaching and training rooms and equipment
Lislov, V. [Educational films of unforgettable days]
Kinokludy nezabyvaemykh dnei. Moskva, Bluro propa-
gandy sovetskogo kinostanoviva, 1967, 52 p. (B-kh
kinozritel'ia).

Sidorova, M. A. [Equipment of the study room for con-
crete reinforcement filters] Oobrudovanie uchebnogo
kabineta dlia armirovaniia betonnykh filterov. Moskva,
"Vyssh. shkola," 1967, 63 p.

371.7 School hygiene. Health, physical training, games
Popova, N. M. [Hygienic principles of lesson structure in
school workshops of eight-year schools] Gigenicheskie
printsipy postroeniia zaniatii v uchebnykh masterskikh
vost'mel'et shkoly. Moskva, "Meditsina," 1967, 102 p.
Regimen of the day and work for members of student
work brigades. Pedagogical report. N. D. Panteleev.
Nauch. trudy OMI no. 61-234-237 '65.

371.7(574)—Kazakh S. S. R.
Physical development of students of technical schools in
Sempolinsk. G. A. Ryzhkov, A. Z. Allimov, M. T.
Starukova. Trudy Sempol. med. inat. 4-163-167 '66.
Physical development of students of vocational and
technical schools in Sempolinsk. A. Z. Allimov,
G. A. Ryzhkov. Trudy Sempol. med. inat. 4-170-162 '66.

371.9 Education of special categories of pupils: handicapped,
blind, deaf and dumb, etc.
[Fundamentals of the theory and practice of logopedics]
Osnovy teorii i praktiki logopedii. Pol. red. R. L. Lovi-
rov. Moskva, "Prosvetshenie," 1968, 307 p.

372.384 Manual training in schools
Popova, N. M. [Hygienic principles of lesson structure
in school workshops of eight-year schools] Gigeniches-
kie printsipy postroeniia zaniatii v uchebnykh masters-
kikh vost'mel'et shkoly. Moskva, "Meditsina," 1967,
102 p.

372.384(575, 4)—Turkmen S. S. R.
Problems in the organization of the industrial training
of students. R. Palyanov. Uch. zap. Turk. gos. un.
no. 40-12-21 '68.

373 Secondary education
[Bulletin of the Ministry of Higher and Secondary Special-
ized Education of the U. S. S. R.] Blin. Min. vya. i sred.
spets. obr. SSSR no. 8 Ag '68.
Lichodova, G. M. [Science is food of youth. . .] Loosen]
"Nauki iunochi pitaiat. . ." Khasnyi chas. Ferni, Kn.
izd., 1967, 57 p.

School and life: 50th anniversary of the statute signed by
V. I. Lenin on the organization of public education.
IA, Pitipovskii. Agitator no. 9-17-18 My '68.

373(575, 4)—Turkmen S. S. R.
Algebra training of students in geography lessons;
based on work experience from schools of the Turkmen
S. S. R. A. Keshkov. Uch. zap. Turk. gos. un. no. 40:
23-30 '66.

373.8 Technical and vocational institutes, polytechnical institutes
Chorogakhova, E. M. [Initiation into the working class]
Posviashcheniie v rabochii klass. [Moskva] "Moak,
rabochii," 1967, 95 p.

More attention should be given to training institutions.
L. Tumanov. Avi. transp. 46 no. 3-50-51 Mr '68.
On the training of economists and improving the economic
qualifications of the managerial personnel. N. I. Mo-
khov. Plan. khoz. 44 no. 7-67-68 Ji '68.
The order-bearing technical school. V. T. Simonian.
Prom. Ariz. 10 no. 12-85 '67.
Young workers with hands of gold. T. Melkonian.
Prom. Ariz. 10 no. 12-86 '67.

373.8(571)—Asianic R. S. F. S. R.
Industrial training. O. Zorova. Mal. tekhn. snabzh. 3
no. 4-58-60 Ap '68.

373.8(675, 4)—Turkmen S. S. R.
Condition of and future prospects in the
young specialists in the Turkmen S. S. R.
Uch. zap. Turk. gos. un. no. 40-5-11 '66.

373.68 Agricultural training

373.68(471, 22)—Kazakhstan S. S. R.
Problems in extending specialization edu-
cation of the Kazakh S. S. R. A. P. Arkh. Nauch.
Gos. izd. Uch. zap. Petrozav. gos. un. 14 '66.

373.68(477)—Ukrainian S. S. R.
New conditions and new requirements. V.
no. 17-35-40 S '68.

373.68(575)—Central Asia
Participation of the textile workers' trade
union in the struggle for the revival of cotton
in the Republic. 1921-1921. B. I. Molodtsov.
Molodtsov, B. I. Nauch. trudy TashGU no. 319-139-146 '67.

373.68(575, 1)—Uzbek S. S. R.
Moskva of the Communist Party of Uzbekistan
domain of cotton growing, 1950-1953. K.
Kuch. Nauch. trudy TashGU no. 319-139-146 '67.
The party organization's work in Uzbekistan
for propaganda lectures among cotton
growers during the seven-year plan period. I. Sultanov.
Nauch. trudy TashGU no. 319-139-146 '67.

374 Further education. Private study. Adult
The party's concern for political education
of the people. A. Dmitriuk, Part. zhizn' no. 17-
54-60 S '68.
Work with party members. Part. zhizn' no. 17-
51-53 S '68.

374(471, 312)—Tula Province
Mathematical economics methods and their
application in the economy. A. Ushakov.
Ushakov, A. Nauch. trudy TashGU no. 319-139-146 '67.
New conditions and new requirements. V.
no. 17-35-40 S '68.

374(471, 41)—Tatar A. S. S. R.
Rural clubs and libraries. I. Zhivetina. Nauch.
trudy TashGU no. 319-139-146 '67.

374(471, 43)—Sverdlovsk Territory
Let us carry out the five-year plan ahead of
time. V. I. Zhivetina. Nauch. trudy TashGU no. 319-139-146 '67.

378 Higher education. Universities, colleges, etc.
[Bulletin of the Ministry of Higher and Secondary
Specialized Education of the U. S. S. R.] Blin. Min. vya. i sred.
spets. obr. SSSR no. 8 Ag '68.
Leningrad Chemical and Pharmaceutical Insti-
tute. Nauch. trudy TashGU no. 319-139-146 '67.
Programmed control testing in vector algebra.
V. I. Zhivetina. Uch. zap. Kab. -Balk. gos. un. no. 40:
23-30 '66.
Teaching of psychology in institutions of higher
education. I. V. Katsarova. Nauch. trudy TashGU
no. 319-139-146 '67.

378(471, 324)—Voronezh Province
Voronezhskii universitet. [Studies of science
scholars of Voronezhskii State University. A
bulletin for 1954-1961] Trudy nauchnykh
spets. obr. Voronezhskogo gosudarstvennogo universiteta
ogranicheniia nauchnoi deiatel'nosti 1954-1961. Voronezh,
Voronezhskogo un-iv. 1967, 200 p.

378(474, 5)—Lithuanian S. S. R.
Course on pilot problems at the Kaunas P.
Institute. I. P. Kasperavicius. Vini. izab.
40 '68.

38 COMMERCE. TRADE. COMMUNICATION

380.1 Theory of trade
Some problems of the optimal functioning of
the market. A. I. Levin. A. P. Arkh. Nauch.
Gos. izd. Uch. zap. Petrozav. gos. un. 14 '66.

380.11 Supply and demand
Demand in the basis of planning. I. M. Stuk-
plan. oir. nar. khoz. 44 no. 1-102-106 '68.
Modern problems of forecasting demand for
instrumental and apparatus. A. E. Konson-
ov. 200-30-45 '67.
There is need for applied sociological studies.
Sov. iorg. 41 no. 6-38-40 My '68.

380.11(575, 1)—Uzbek S. S. R.
Method of studying demand. M. Khasankhanov.
zhizn', 10 no. 3-88-89 Mr '68.

analysis and research
of the market opinions of Polish economists.
Vop. ekon. no. 5:156-158 My '68.

Trade and industry

ade
order to sell. V. Ilin. Zakup. sel'khoz. prod.
no. 15 D '67.

el. must be made. R. Ibraev. Zakup.
prod. no. 3:38 Mr '68.

Following goods by force to contractual agree-
Platunov. Zakup. sel'khoz. prod. no. 12 B

quality of procured milk. A. I. Ibravskii.
khoz. prod. no. 1:5-7 Ja '68
el. procedure for milked feed. I. I. Prokhorov.
khoz. prod. no. 4:37-39 Ap '68,
and the possibilities of improving the
efficiency of pig procurement. O. I. Ibravskii.
khoz. prod. no. 4:27-30 Ap '68,
certificates for the production and procurement
of potatoes. R. I. Ibraev. Zakup. sel'khoz.
no. 2:3 Mr '68.

laboratory with sampling platform. E. Kul'chik.
Zakup. sel'khoz. prod. no. 1:37-38 Ja '68.
Soviet consumer's cooperative in developing
of agricultural products and raw
G. Blank. Zakup. sel'khoz. prod. no. 1:
B8,
me of procuring milk and meat. A. Stepanov.
khoz. prod. no. 12:15-16 B '67,
anner of compulsion. Zakup. sel'khoz. prod.
no. 108.

381(471.311)—Moscow Province

workora table from the Yakimova food-
Maklakov. Zakup. sel'khoz. prod. no. 3:17-
B8.

wholesale trade store in Mytishchi.
Nat. tekhn. zhurn. 3 no. 1:00-91 Ap '68.

381(471.316)—Yaroslavl Province

ment agent of the "Gorshikhin" Collective
Lubchenko. Zakup. sel'khoz. prod. no. 4:
'68.

381(471.317)—Kostroma Province

and joya. V. N. Charnikov. Zakup. sel'khoz.
4:35-46 Ap '68.

381(471.328)—Mordvin A. S. S. R.

tori. I. Kargin. Zakup. sel'khoz. prod. no. 12:

381(471.331)—Kalinin Province

pit of Kalinin flax growers. Evg. Butuzov.
sel'khoz. prod. no. 4:18 Ap '68.

381(471.344)—Chuvash A. S. S. R.

of the purchasing agents. N. Shashurin. Sov.
kop. 12 no. 2:30-31 V '68.

381(471.42)—Ulyanovsk Province

under the procurement of aquifol. I. G. Ibraev.
sel'khoz. prod. no. 3:30 Mr '68.

381(471.52)—Dachik A. S. S. R.

of the production and procurement of
real products in Bashkiria. N. Arslanov.
sel'khoz. prod. no. 3:10-20 Mr '68.

381(477)—Ukrainian S. S. R.

which can be removed. I. Nosenko. Zakup.
prod. no. 12:44-45 D '67.
el. and processing of cornified seeds in the
A. Barmia. N. Iysak. Zakup. sel'khoz. prod.
32 Ap '68.

381(478)—Moldavian S. S. R.

lifa. A. Tsygankov. Zakup. sel'khoz. prod.
Ja '68.

381(571)—Aralic R. S. F. S. R.

goods to the population in the Far North
V. Vasil'eva. Vop. ekon. no. 6:152-154

381(571.11)—Kurgan Province

Improvement of state deliveries. A. Sochinov.
sel'khoz. prod. no. 12:3 D '67.

381(574)—Kazakh S. S. R.

asibility. V. Onishchenko. Zakup. sel'khoz.
no. 1:32 Ja '68.

381(575.1)—Uzbek S. S. R.

at early cabbage. P. Nerovny. Zakup. sel'khoz.
no. 1:33 Ja '68.

381.1 Merchandise exchanges and markets

381.1(471.310)—Moscow City

Behind the counter of the collective farm market.
S. Pereslavin. Zakup. sel'khoz. prod. no. 3:20-21
Ap '68.

381.1(477.88)—Transcarpathia

Let us turn out pretty articles of good quality. V. Mel'nikov.
Part. zhurn. no. 17:68 S '68.

381.1(571.51)—Krasnoyarsk Territory

Vair in Krasnoyarsk. M. Gaponenko. E. Khazan. Nat.-
tekhn. zhurn. 3 no. 5:93 My '68.

381.6 Retail trade. Stores

Results of the all-Union competition. N. Minakova. Sov.
khoz. 41 no. 5:56-59 My '68.
Study, study, and study! Alexander Zharov. Sov. potreb.
koop. 12 no. 3:18-19 Mr '68.

381.6(471.310)—Moscow City

Beyond the counter. I. Gorodtsov. Ochr. truda i zote.
sirekhi. 11 no. 4:24-25 Ap '68.

Material incentives on trial. N. Vasenina. Sov. arg. 41
no. 5:25-26 My '68.

381.6(471.34)—Volga-Vyatka regions

Standard-bearers. S. Zharov. Sov. potreb. koop. 12
no. 3:25-39 V '68.

381.6(471.62)—Krasnodar Territory

Control and help. V. But'anova. Sov. potreb. koop. 12
no. 2:35-36 V '68.

381.6(478)—White Russian S. S. R.

For the table of a city dweller. I. Ibravskii. Sov.
potreb. koop. 12 no. 2:38 V '68.

381.6(470.24)—Azərbaycan S. S. R.

Demand of the time. S. Zharov. Sov. potreb. koop.
12 no. 11-13 M '68.

381.6(571.121)—County-Minist National District

Beyond the 60th parallel. Sov. potreb. koop. 12 no. 2:
46-49 V '68.

381.6(574)—Kazakh S. S. R.

'Ho "Kooperator" invites. M. Morozov. Sov. potreb.
koop. 12 no. 2:44-39 V '68.

382 Foreign trade

Kakarov, G. D., G. A. Sinitinov, and A. V. Chornomaz.
[Manual of timber export] Lesoskhoronnyi spravoch-
nik. Moskva, "Lesnaya prom-st'" 1967. 368 p.

Linear models of the optimization of foreign trade
turnover. G. L. Shugayev, G. Z. Davidovich. Ekonom.
mat. metod. 4 no. 3:373-383 Mye '68.

The nature of devaluation and its influence on the inter-
national trade. N. L. Lushinov. Mir. ekon. i mezhdunar.
otn. no. 4:81-87 '68.

Our trade with England. N. S. Palotichov. Nov. vrem.
26 no. 24:5 Ag '68.

Soviet export of mining equipment. I. M. Shishkin. Gor.
zhurn. 143 no. 4:61-55 Ap '68.

382(77)—Underdeveloped and underdeveloped areas

Branch structure of production and foreign trade prob-
lems in developing countries. V. V. Smirnov. Vest.
1:61 23 no. 5:5-10 Mr '68.

Vital problems of the developing countries before the
forum of the United Nations. A. Zakharov. L. Lobanov.
Mezhdunar. zhurn. 15 no. 5:30-37 '68.

382(41)—United Kingdom and Northern Ireland

Our trade with England. N. S. Palotichov. Nov. vrem.
20 no. 34:5 Ag '68.

385/388 Transport (economic aspects only)

385/388(574)—Kazakh S. S. R.

Economic efficiency of the transportation of food prod-
ucts and ways of improving it. S. Rukhmetchin. Probl.
sovr. ekon. Kazakh. no. 3:204-224 '67.

386 Canals and inland waterways

The economic reform creates obligations. V. Kostern.
Roch. transp. 27 no. 5:8-9 My '68.

Make fuller use of river transportation possibilities.
Roch. transp. 27 no. 5:1-4 My '68.

Steamship companies of eastern basins in the third year
of the five-year plan. V. Ivanenko. Roch. transp. 27
no. 5:6-7 My '68.

388.4 Streetcars and rapid urban transport

388.4(438)—Poland

Warsaw of the future. Andrzej Krzyszciel Wroblewski.
Nov. vrem. 26 no. 24:24-25 Ag '68.

388.4(575.1)—Uzbek S. S. R.

On the path of science. D. Kucherenko. Nov. vrem. 26
no. 3:39-41 M '68.

388.6 Standardization

About the state of standardization in floriculture. I. U.
I. Frychukov. Stand. i kach. 31 no. 12:25 D '67.

The all-Union standard for the procured milk.
A. Khmelov. Zakup. sel'khoz. prod. no. 12:36-37
D '67.

Annual results. O. G. Shekhin, O. A. Pskovskii. Stand.
i kach. 31 no. 12:76-77 D '67.

Basic standardization organizations remain silent. N. I.
Kozlovskii. Stand. i kach. 31 no. 12:72 D '67.

Defects in standardizing the precision in machining of
parts. A. F. Kogut. Vest. mashinosti. 48 no. 5:51-52
My '68.

A fruitful collaboration. I. U. N. Novikov. Stand. i kach.
31 no. 12:23-24 D '67.

A glorious page in the history of international coopera-
tion. Stand. i kach. 31 no. 12:86 D '67.

How to organize and conduct the work of standardization
and reliability study groups. I. M. Sorin. Stand. i
kach. 31 no. 12:40-51 D '67.

In the Committee of Standards. Measurements and
Measuring instruments of the Council of Ministers
of the U. S. S. R. Stand. i kach. 31 no. 12:73 D '67.

The new higher phone range. E. S. Kvasenko. Stand. i
kach. 31 no. 12:1-4 D '67.

A new standard for the undressed nutria pelts. K. Kulu-
deev. Zakup. sel'khoz. prod. no. 1:20-30 Ja '68.

New standards. Stroitel. dor. mash. 13 no. 4:35-38
Ap '68.

On the standardization of types of secondary documen-
tary information. V. A. Polukhin. Stand. i kach. 31
no. 12:61-61 D '67.

Organizing standardization service into a standardi-
zation and quality service. N. V. Tikhunov. A. N.
Zaitsev. Stand. i kach. 31 no. 12:74 D '67.

Revising the standard for undressed muskrat pelts.
V. F. Shest'nikov. Stand. i kach. 31 no. 12:11 D '67.

[State of standardization in improving the quality of pro-
duction and the economic development of the country]
O roli standartizatsii v uchastvii kachestva produktsii
i poim'e ekonomiki strany. Moskva, 1964. 101 p.

Some ways of optimization of the visual activity of the
operator. A. A. Mikhlin. Stand. i kach. 31 no. 12:
32-35 D '67.

Standard record file. V. G. Ilyayev. Stand. i kach. 31
no. 12:78 D '67.

Standard requirements for seamless rolled wheels. M. I. U.
Sutina. Stand. i kach. 31 no. 12:11-14 D '67.

Standardization and production in facilitate household
work. A. Malashuk. I. Kulikov. Stand. i kach. 31
no. 12:59-71 D '67.

Standardization and specialization in the manufacturing
of sliding bearing. N. V. Tikhunov. Stand. i kach. 31
no. 12:10-17 D '67.

[Standardization in the national economy of the U. S. S. R.,
1917-1967] Standartizatsia v narodnom khoziaistve
SSSR. 1917-1967. Pod red. V. V. Boitsova. Moskva,
Izd. standartov, 1967. 274 p.

Standardization of service manuals for the products of
machinery and instrument industry. I. I. Stepanov.
S. S. Borovikov. Stand. i kach. 31 no. 12:65-68 D '67.

Standardization of the chemical composition and methods
of testing seen as a metrological problem. A. B.
Shchepochin, A. V. Rilin. Stand. i kach. 31 no. 12:5-8
D '67.

Standards and quality. T. Tumanian, E. Varianian.
Prom. Ariz. 10 no. 2:30-40 '68.

Standards are serving man. I. O. Rubanova. Stand. i
kach. 31 no. 12:87-88 D '67.

The subject of specifying system should be excluded from
design specifications. I. M. Saksonov. Stand. i kach.
31 no. 12:64-65 D '67.

Why are standards not introduced? E. S. Vardanian.
Stand. i kach. 31 no. 12:71 D '67.

389.6(438)—Poland

Third State Conference on Standardization in Poland.
Stand. i kach. 31 no. 12:83 D '67.

389.6(477.88)—Transcarpathia

Let us turn out pretty articles of good quality. V. Mel'nikov.
Part. zhurn. no. 17:68 S '68.

389.6(574)—Kazakh S. S. R.

Kazakhstan. K. Makimudov. Stand. i kach. 31 no. 12:
78-79 D '67.

389.6(98)—Arctic and North Polar regions

Departmental standard and recommendations for the
design and construction of machinery and equipment
for use in northern regions. Stroitel. dor. mash. 13
no. 2:39-40 V '68.

39 ETHNOGRAPHY. CUSTOM AND TRADITION. FOLKLORE. SOCIAL ANTHROPOLOGY

[More attention should be paid to the service industry. Nauk.-tehn. prom., 34 no. 3, 3 Mr '68.

39.471.67—Daghestan A.S.S.R.

[Material culture of the Avars] Material'naya kul'tura avarsev. Makhachkala, 1967. 304 p.

39.571.541—Buryat A.S.S.R.

[Bardary, R. B.] [Socialist transformation of the economy, way of life, and culture of Buryat villages during the Soviet regime (1917-1961). A historical and ethnographical study] Sotsialisticheskoe preobrazovanie khzhestva, byta i kul'tury buriatskogo shesa za gody Sovetskoi vlasti (1917-1961 gg.). Opyt ist.-etnogr. issledovaniia. Ulan-Ude, Buriat. kn. izd., 1967. 173 p.

391 Costume. Adornment. Fashion

[Voice of fashion. M. Ouzneva, Sov. potreb. koop. 12 no. 3, 5-10 Mr '68.

392 Private and family life

[Approach to the publication of the proposed "basic principles of the marriage and family laws of the Union of S.S.R. and the Union republics." Sov. iust. no. 9, 12-20 Mr '68.

[New legislative enactments on domestic relations. A. Per- gament, Sov. iust. no. 8-13-14 Apr '68.

[Proposed basic principles of the marriage and family law of the Soviet Union and the Union republics. M. Drydurela, Rad. pravo no. 6:75-79 Je '68.

[Subject matter of Soviet family law. I. M. Vorozhenko, Sov. gos. pravo no. 6:49-56 Je '68.

396 Women and society. Feminism

[I am for a smile. Lenat Utegov, Sov. potreb. koop. 12 no. 3-18 Mr '68.

[In the united formation. P. Ganeva, Sov. potreb. koop. 12 no. 3-20-21 Mr '68.

[Lubimova, S. T.] [The October Revolution and the status of women in the U.S.S.R.] Oktabr'skaya revoliutsiia i polozenie zhenshchin v SSSR. Moskva, "Znanie," 1967. 31 p.

[Study, study, and study! Aleksandr Zharov, Sov. potreb. koop. 12 no. 3-18-19 Mr '68.

[Women are experts in mechanization specialties. Part. zhizn' no. 17-67 S '68.

396(471.5)—Ural regions

[Daughters of the southern Ural Mountain region]

Docheri Iuzhnogo Urala. Chelabinsk, Iuzh.-Ural'skoe kn. izd., 1968. 212 p.

398 Folklore

[Zhukov, V. P., comp.] [Dictionary of Russian proverbs and sayings] Slovar' russkikh poslovits i pogovorok. Izd. 3-e, stereotip. Moskva, "Sov. ensiklopediia," 1968. 535 p.

4. PHILOLOGY. LINGUISTICS. LANGUAGES

41 PHILOLOGY

[Etymology. 1968. Problems in linguistic geography and interlingual contacts] Etimologiya. 1968. Problemy lingvogeografii i mezh'azykovykh kontaktov. Moskva, "Nauka," 1968. 412 p.

[Levchenko, S. F., L. G. Skrypnik, and N. P. Dzhukovskaya, comps.] [Dictionary of personal names of people. (Ukrainian-Russian and Russian-Ukrainian) Slovar' sobstvennykh imen liudei. (Ukrainsko-russkii i russko-ukrainskii). 3-e izd., 1 spr. 1 dop. Pod red. S. F. Levchenko. Kiev, "Naukova dumka," 1967. 108 p.

[Lepenskiy, L. V.] [The name of your home. Studies in toponymy] Imia doma tvogo. Ocherki po toponimike. Leningrad, "Det. lit., 1967. 303 p. (Shkol'nika b-k).

[Veselikhina, K. V.] [For the young polyglot. Foreign languages] Iunomu polyglotu. Inostr. yaz. Perm', Kn. izd., 1967. 41 p.

[Zhuchkevich, V. A.] [Toponymy of White Russia] Toponimika Belorussii. Minsk, "Nauka i tekhnika," 1968. 184 p.

41(5)—Asia

[Language situation in the countries of Asia and Africa] Iazykovaia situatsiia v stranakh Azii i Afriki. Moskva, "Nauka," 1967. 189 p.

41(8)—Africa

[Language situation in the countries of Asia and Africa] Iazykovaia situatsiia v stranakh Azii i Afriki. Moskva, "Nauka," 1967. 189 p.

42 LANGUAGES AND DIALECTS

[New foreign literature on linguistics] Nov. inostr. lit. po yaz. no. 6 '68.

[New Soviet literature on linguistics] Nov. sov. lit. po yaz. nos. 5-6 '68.

43 Germanic languages

[German-Russian technical dictionary. Approximately 40,000 terms] Nemetsko-russkii tekhnicheskii slovar'. Okolo 40 000 terminov. Pod red. L. I. Barona. Izd. 2-o, stereotip. Moskva, "Sov. ensiklopediia," 1968. 725 p.

43.1 English

[Problems of the structure of the English language in synchrony and diachrony] Voprosy struktury angliiskogo iazyka v sinkhronii i diakhronii. Otv. red. I. P. Ivanova. Leningrad, Izd. Leningr. un-ta. Vyp. 1. 1967. 187 p.

44 Romance languages

[Polushinskaya, L. L., I. D. Shkumatova, and I. A. Udiina, comps.] [Practical course in French] Prakticheskii kurs francuzskogo iazyka. 2-o izd., 1 spr. 1 dop. Moskva, IMO, 1967. 263 p.

[Russian-Moldavian technical dictionary] Russko-moldavskii tekhnicheskii slovar'. Kishinev, Editura "Lumina," 1967. 251 p.

[Viretskaya, N. L., and I. S. Samokhotskaya, comps.] [Textbook of the French language for conlanguage schools of higher education] Le français. Uchebnik franc. iaz. dlia neizlasykovykh vuzov. Moskva, "Vyssh. shkola," 1967. 235 p.

482 Russian

[Blukhina, G. A., L. S. Marav'eva, and L. P. Udiina, comps.] [Using verbs of motion in the Russian language] Ispol'zovanie glagolov dvizheniia v russkom iazyke. Moskva, Izd. Mosk. un-ta, 1967. 60 p.

[German-Russian technical dictionary. Approximately 40,000 terms] Nemetsko-russkii tekhnicheskii slovar'. Okolo 40 000 terminov. Pod red. L. I. Barona. Izd. 2-o, stereotip. Moskva, "Sov. ensiklopediia," 1968. 725 p.

[Uscupov, I., and A. Khayazov, comps.] [Russian-Dungan dictionary of sociopolitical terms. (A draft)] Russko-dungan-skii slovar' obshchestvenno-politicheskikh terminov. (Proekt). Frunze, "Ilim," 1967. 124 p.

[Krelingkaya, T. P., and S. V. Petrov, comps.] [How to use words] Kak pol'zovatsia slovom. Leningrad, "Prosveshcheniie," 1968. 176 p. (Posobie dlia uchitelia).

[Dol'kina, I. M., and E. B. Zakhvatina-Nekrasova, comps.] [Russian language textbook for foreign students] Uchebnik russkogo iazyka dlia studentov-inostrantsev. 4-o izd. Moskva, "Vyssh. shkola," 1968. 600 p.

[Russian-Moldavian technical dictionary] Russko-moldavskii tekhnicheskii slovar'. Kishinev, Editura "Lumina," 1967. 251 p.

493 Hamitic languages

[Zavadovski, I. N.] [The Berber language] Berberskii iazyk. Moskva, "Nauka," 1967. 70 p. (Iazyki narodov Azii i Afriki) CIV

494.1 Ural-Alaic languages

[Dictionary "Tudshel Al-Abynt." Dzh. V. Kagramanov. Dokl. AN Azerb. SSR 23 no. II:73-77 '67.

[Romanova, A. V., and A. M. Myrsova, comps.] [Dialectal dictionary of the Evenki language. Materials on the dialects of the Evenki of Yakutia] Dialektologicheskii slovar' evenkiskogo iazyka. Materialy govorov evenkov Yakutii. Pod red. G. M. Vasilovich. Leningrad, "Nauka," 1968. 215 p. (Dialektologicheskii slovar' evenkov ASSR. Vyp. 3).

[Romanova, A. V., and A. M. Myrsova, comps.] [Studies of the Torko and Tormot dialects] Ocherki toktinskogo i tormotskogo govorov. Leningrad, 1962. 104 p. (Dialektologicheskii materialy po govoram evenkov Yakutskoi ASSR. Vyp. 1).

[Tunashova, D. O.] [Language of the Siberian Tatars]

Iazyk sibirskikh tatar. Kazan', Izd. Kazan. un-ta. Ch. 2. 1968. 182 p.

495 Sino-Tibetan languages. Japanese. Korean

[Usupov, I., and A. Khayazov, comps.] [Russian-Dungan dictionary of sociopolitical terms. (A draft)] Russko-dungan-skii slovar' obshchestvenno-politicheskikh terminov. (Proekt). Frunze, "Ilim," 1967. 124 p.

5. MATHEMATICS AND NATURAL SCIENCES

500 General

[Information bulletin of new foreign books, received by the Lenin Library. Series I] Inform. bul. nov. inostr. knig. postup. v Bibl. im. V. I. Len. Ser. I. 13 nos. 18, 21-25 Je-S '68.

[Tashkentskii gosudarstvennyi universitet] The Scientific Conference of the Tashkent State University. Natural Science conference of aspirantov Tashkent, 1967. 144 p.

500(479.26)—Arithmetic

[Leningkii Komunisticheskii gos. molod. molodykh uch. uch. (Material and Technological Conference of Young Armenia) S. S. R. (May 1960)] Nauchn. konferentsiia aspirantov i molodykh (Mni, 1960 g.) Krovna, "1965."

501 Exact sciences in general

[New foreign books. Series A: Mathematics, astronomy, physics, geophysics, the physical geography] Nov. knigi za inostr. no. 8 Ag '68.

502 Natural history in general

[Conference of the Soviet National Academies in Natural Science and Technology] 68 no. 3:71 Mr '68.

502.7 Nature and wildlife protection. Wildlife

[Modern formulation of the problem] "G. N. Sapozhnikov, Izv. Chel. kn. izd. no. 1-3-0 '68.

Natural laboratories. A. G. Danilov.

10-11 '68.

[Protection of mineral deposits from the by means of a barrier against the] no. 31 no. 8:34-39 Ag '68.

[The scientific and technical progress in] Gindkov, Nauch. vopr. 20 no. 34:15-1

51 MATHEMATICS

[Aleksandrov, B. L., and P. S. Modemv, comps.] [Textbook for preliminary courses at universities] Posobie po matematike dlia kursov MGU. Moskva, Izd. Mosk. un-ta, 1967. 124 p.

[Mordukhai-Goltman, V. G.] [Mathematics and the] Matematika i opitnaya nauka. 1968. 48 p. (Novoe v zhizni, nauke, "Mirovaia, khoroshaia," 4).

[Courant, Richard, and Herbert Robbins, comps.] [Elementary review of Translated from the English] Citie in Elementarnyi obzor dlii i uchitelov. "Prosveshcheniie," 1967. 356 p. (Miro).

[Dauko, P. F., and A. G. Popov, comps.] [Higher exercises and problems] Vysshiee uchebnik i zadaniia. Moskva, "Vyssh. shkola," 1967. 359 p.

[Defense of candidate dissertations on] N. I. Moskova, Usp. mat. nauk. 33 My-Je '68.

[Development of methods of mathematical] Chel. kn. izd. no. 10-33 '67.

[Establishment of the Physics and Math of the Turk State Pedagogical Institute] M. Gorkii, F. I. Kuvshinov, Uch. zap. 61 '67.

[Fundamental characteristics of Soviet mathematical instruction. V. V. Kuvshinov, no. 20:1-15 '67.

[Poltorykhina, A. G., O. I. Prozorova, comps.] [Mathematics problems offered at the] Problemy matematiki na konkursakh i olimpiadakh. Voprosy matematiki, predlaganiia na konkursakh i olimpiadakh v Voronezhskom gosudarstvennom un-ta, 1967. Voronezhskogo un-ta, 1967. 104 p. (Pomoeshi postupaishim v vyssh. shkoly).

[Shklovskiy, K. U.] [How to prepare for] Podgotovka k priemu na uch. uch. dlia nachal'nikov i uchitelov. 4-o, stereotip. Moskva, "Nauka," 1967. 327 p.

[Studies connected with the application of methods and electronic computers in] Voprosy. Geol. i geofiz. no. 10-78-8

[Use of graphs and Euler-Venn diagrams in] Uch. zap. iab. - Bsk. gos. un. no. 30: 1967. 104 p.

[Use of programming elements in the teaching of mathematics in schools. Uch. zap. iab. - Bsk. gos. un. no. 30: 1967. 104 p.

[Zel'dovich, I. A., D. I. (Higher mathematics and its applications to physics) Vyssh. matematika i ee prilozheniia k fizike. 4-o, stereotip. Moskva, "Nauka," 1967. 327 p.

511 Arithmetic

[Performing combined operations on] Akushevskii, M. G. Rannopost. Ekonom. no. 3:44-48 My-Je '68.

- odd hyperperfect numbers. E. A. Buglov. *Sib. mat. zhur.* 9 no. 3:475-484 My-Je '68.
- Abelian groups. B. A. Bakhshin. *Sib. mat. zhur.* 9 no. 3:475-484 My-Je '68.
- Algebraic geometry and the elements of linear algebra. Abstract of lectures. Analiticheskaya geometriya i elementy lineinogo algebr. Konspekt lektsii. Leningrad, 1987. 171 p.
- On the uniqueness theorem for closed polyhedra in four-dimensional Euclidean spaces. A. I. Medvedev. *Ukr. geom. sbor.* no. 4:40-42 '87.
- 513.1 Plane geometry**
- Constructing a model of a Euclidean plane on the basis of a projective plane. V. K. Kropina. *Uch. zap. Nov. gos. ped. inst.* 7:105-120 '66.
- An interpretation of the system of axioms in Euclidean plane geometry. E. S. Petrova. *Uch. zap. Nov. gos. ped. inst.* 7:98-105 '66.
- New theorems on bicircular theorems 9 - 10. N. I. Kosa. *Uch. zap. Kub. -Balk. gos. un.* no. 30:293-295 '65.
- Remarks on the presentation of one-dimensional geometry as a basis for the axiomatic formulation of a two-dimensional geometry. E. S. Petrova. *Uch. zap. Nov. gos. ped. inst.* 7:85-95 '66.
- 513.6 Algebraic curves, surfaces and varieties**
- A class of flexures of convex surfaces with a slit. I. A. Shor. *Ukr. geom. sbor.* no. 4:102-107 '67.
- Construction of gauge curves. D. N. Labzina. *Uch. zap. Kub. -Balk. gos. un.* no. 30:77-78 '60.
- Construction of some complete surfaces of nonpositive curvature. A. L. Verner. *Dokl. AN SSSR* 160 no. 2: 209-212 My '60.
- Equiflex theory of a pair composed of a rectilinear congruence and a two-parameter manifold of pairs of intersecting plane curves. I. A. Antonova. *Trudy IPI* nos. 32/44:11-17 '67.
- Infinitesimal deformations of surfaces with conservation of the area. P. G. Kolobov. *Uch. zap. Kub. -Balk. gos. un.* no. 30:65-68 '65.
- Infinitesimal flexures not altering the mean curvature of a surface. M. L. Gavrilchenko. *Ukr. geom. sbor.* no. 4:7-12 '67.
- Invariant images of a one-parameter manifold. V. I. Mashanov, N. I. Monogorova. *Trudy IPI* nos. 32/44: 64-65 '67.
- A realization of second-order curves in Euclidean space. V. R. Itulin. *Trudy IPI* nos. 32/44:81-86 '67.
- On the equicentroidal theory of nonplane curves in E_3 . A. P. Mokhtak. *Ukr. geom. sbor.* no. 4:38-55 '67.
- Set of submanifolds in the triplet of nonhomotopic surfaces. V. V. Vlasov. *Trudy IPI* nos. 32/44:26-39 '67.
- Supplement to my article "Relationship between the inner and outer diameters of a general closed convex surface". N. P. Makukha. *Ukr. geom. sbor.* no. 4:37-39 '67.
- A two-parameter manifold (A, B, b). Z. P. Makarova. *Trudy IPI* nos. 32/44:40-53 '67.
- A two-parameter manifold of pairs (M, m) on a plane. D. Zh. Skriabina. *Trudy IPI* nos. 32/44:67-95 '67.
- Two-parameter manifold of pairs of intersecting curves on a plane. I. A. Antonova. *Trudy IPI* nos. 32/44: 3-10 '67.
- 513.7 Line and enumerative geometry. Complexes. Consequences. Connexa. Kinematic geometry. Transformations**
- Constructing a model of a Euclidean plane on the basis of a projective plane. V. K. Kropina. *Uch. zap. Nov. gos. ped. inst.* 7:105-120 '66.
- Kinematical of non-Euclidean planes. L. T. Motornyi. *Ukr. geom. sbor.* no. 4:68-77 '67.
- Kinematics on a Lobachevskii plane. L. T. Motornyi. *Ukr. geom. sbor.* no. 4:68-67 '67.
- Line-geometric interpretation of a canonical frame of reference of a hypersurface in pseudoeuclidean space. R. Naumovich. *Ukr. geom. sbor.* no. 4:108-110 '67.
- Normal set of n -complexes of straight lines in n -dimensional projective space. V. L. Karponko. *Ukr. geom. sbor.* no. 4:28-31 '67.
- On 2-families of straight lines in P_3 and pairs of congruences of straight lines in P_3 . L. Z. Kruglov. *Sib. mat. zhur.* 9 no. 3:554-567 My-Je '68.
- On mapping of an integral of the mean curvature of a smooth surface of bounded curvature. B. E. Kontor. *Uch. zap. Nov. gos. ped. inst.* 7:44-47 '66.
- Perin classes of complexes of straight lines in S_3 as characterized by the properties of ruled surfaces enclosed in them. T. I. Tulup. *Trudy IPI* nos. 32/44: 88-100 '67.
- Riemann metrics with a given field of the tensor of curvature. M. A. Ulanovskii. *Ukr. geom. sbor.* no. 4: 90-101 '67.
- Sequence of Desargues configurations in n -dimensional projective spaces. I. A. Kislovich. *Ukr. geom. sbor.* no. 4:32-39 '67.
- Some consequences and applications of the theory of non-Abelian cohomology. A. L. Onishchik. *Trudy Mosk. mat. obshch.* 17:45-87 '67.
- Theory of generalization of integral Legendre transformations. I. M. Karasov. *Uch. zap. Kub. -Balk. gos. un.* no. 30:80-70 '66.
- Tri-axes with Chebyshev and geodesic Koebe nets. Z. I. Bel'skii. *Vestn. AN BSSR. Ser. fiz. -mat. nav.* no. 2:66-75 '68.
- 513.8 Non-Euclidean, multidimensional and other forms of geometry. Functional and Hilbert spaces**
- A constructive method for studying Laguerre transformations on a hyperbolic plane. Z. A. Skopota, A. N. Shumilov. *Uch. zap. Kub. -Balk. gos. un.* no. 30:243-250 '68.
- Continuation of linear positive functionals. I. A. Bakhshin. *Sib. mat. zhur.* 9 no. 3:475-484 My-Je '68.
- Corner area of figures on equidistant surfaces in Lobachevskii space. G. I. Tupov. *Uch. zap. Kub. -Balk. gos. un.* no. 30:275-277 '68.
- Covariant form of the laws of conservation of vector currents in Riemannian space. V. R. Tikhomirov. *Uch. zap. Kub. -Balk. gos. un.* no. 30:259-262 '66.
- Criterion of a Hilbert space. Z. I. Akshat. *Uch. zap. Kub. gos. ped. inst.* 61 no. 1:150-193 '68.
- Deviation of some Cremona transformations in P_3 space by stereographic projection of third-order hypersurfaces in P_4 space. A. I. Chegolayev. *Uch. zap. Kub. -Balk. gos. un.* no. 30:301-308 '66.
- Embedding of a lattice with mean elements into a K-space. V. V. Kuz'mina. *Sib. mat. zhur.* 9 no. 3:563-576 My-Je '68.
- Equidistant projections in Lobachevskii space. R. I. Kirshchikov. *Uch. zap. Kub. -Balk. gos. un.* no. 30: 45-60 '66.
- An estimation for convex surfaces with quasi-conformal spherical mappings. I. U. E. Borovskii. *Sib. mat. zhur.* 9 no. 3:530-535 My-Je '68.
- Geometry of once-intersecting and semiconically twice-intersecting surfaces in laminated $M_4 + (2)$ space and its applications to the variational calculus. D. E. Chernyi. *Trudy Sum. po vekt. i tocz. anal.* no. 14: 200-228 '68.
- Integral geometry on an n -dimensional torus. M. I. Burdman. *Izv. vyz. ucheb. zav. mat.* no. 6:17-25 My '68.
- Invariant subspaces of Volterra dissipative operators with imaginary kernel components. G. E. Kislavskii. *Izv. AN SSSR. Ser. mat.* 32 no. 1:3-23 Ja '68.
- Kagan's spaces and noninvariant groups of motions. G. I. Krachkovich. *Trudy Sum. po vekt. i tocz. anal.* no. 14:144-153 '68.
- Lattices with multiplication by real numbers and their use in the characterization of the positive part of a K-space. A. G. Haidich. *Sib. mat. zhur.* 9 no. 3: 530-561 My-Je '68.
- Mapping a four-dimensional space onto a two-dimensional plane with the aid of normed surfaces. Z. A. Skopota. *Uch. zap. Kub. -Balk. gos. un.* no. 30:251-258 '68.
- Mapping of type S locally convex spaces. B. S. Brudovskii. *Dokl. AN SSSR* 160 no. 1:15-17 My-Je '68.
- Metric structure of a class of spaces containing straight lines. A. D. Mitya. *Ukr. geom. sbor.* no. 4:43-48 '68.
- Model of Monge's projection diagram of a Lobachevskii space on a Euclidean plane. N. V. Naumovich. *Uch. zap. Kub. -Balk. gos. un.* no. 30:129-133 '68.
- Monge's method in n -dimensional Lobachevskii space. N. V. Naumovich. *Uch. zap. Kub. -Balk. gos. un.* no. 30: 134-140 '68.
- Note on Frechet's theorem. I. Sobinov. *Dokl. AN Tadzh. SSR* 11 no. 1:3-5 '68.
- Oblique mapping of a plane onto a plane in four-dimensional space. E. L. Totova. *Uch. zap. Kub. -Balk. gos. un.* no. 30:200-214 '68.
- On n -dimensional Riemann spaces permitting families of completely geodesic surfaces. I. U. S. Slobodan. *Ukr. geom. sbor.* no. 4:85-98 '67.
- On the absence of an unconditional basis in the factor spaces L_1/L_1 and L_1/L_1 . B. M. Bychkov, V. M. Grobov. *Dokl. AN SSSR* 170 no. 3:11-14 My '68.
- On the geometrical theory of Carathéodory transformations in a simple singular variational problem for an integral of multiplicity (n-1). N. I. Kalanov. *Trudy Sum. po vekt. i tocz. anal.* no. 14:174-180 '68.
- One more interpretation of Lobachevskii planimetry. V. A. Skorobogatko. *IU. T. Vohachovskiy. Dop. AN UNRS. Ser. A* 30 no. 4:312-313 Ap '68.
- Orlicz spaces and equivalent projections in n -dimensional Lobachevskii space. N. V. Naumovich. *Uch. zap. Kub. -Balk. gos. un.* no. 30:172-180 '68.
- Orlicz spaces in Lobachevskii space. N. I. Kirshchikov. *Uch. zap. Kub. -Balk. gos. un.* no. 30: 89-91 '68.
- Overlapping of Lobachevskii spaces. N. N. Khazanov. *Uch. zap. Kub. -Balk. gos. un.* no. 30:201-202 '68.
- Poles of Laplace sequences in multidimensional projective space with a fixed hyperquadric. V. V. Gol'dberg. *Sib. mat. zhur.* 9 no. 3:542-563 My-Je '68.
- Parallel projections in Lobachevskii space. N. V. Naumovich. *Uch. zap. Kub. -Balk. gos. un.* no. 30:148-162 '68.
- Prospective projection in Lobachevskii space. N. V. Naumovich. *Uch. zap. Kub. -Balk. gos. un.* no. 30: 141-147 '68.
- Poincaré polynomials of compact homogeneous Riemann spaces with an irreducible stationary group. Deon Kuln. *Trudy Sum. po vekt. i tocz. anal.* no. 14:33-93 '68.
- Poincaré polynomials of homogeneous Riemann spaces. O. V. Manturov. *Trudy Sum. po vekt. i tocz. anal.* no. 14: 20-32 '68.
- Quasi-equivalence of bases of finite centers of Hilbert spaces. V. P. Zakhariuk. *Dokl. AN SSSR* 180 no. 4: 786-788 Jo '68.
- A radial model of Lobachevskii space. N. V. Naumovich. *Uch. zap. Kub. -Balk. gos. un.* no. 30:183-171 '68.
- Scalors of Banach structures of measurable functions. S. G. Krein, I. U. I. Fetunin, E. M. Semenov. *Trudy Mosk. mat. obshch.* 17:323-322 '67.
- Semi-Riemannian geometry. R. I. Pimenov. *Trudy Sum. po vekt. i tocz. anal.* no. 14:154-173 '68.
- Theory of a surface strip of Lobachevskii, Euclidean, and Riemannian spaces. V. I. Mashanov. *Trudy IPI* nos. 32/44:64-80 '67.
- 513.83 Topology**
- Compactness of a family of surfaces with a denumerable set of decompositions. A. I. Tsvetkova. *Sib. mat. zhur.* 9 no. 3:695-700 My-Je '68.
- Elements of minimum deviation in locally convex spaces. V. I. Andreev. *Uch. zap. Kub. -Balk. gos. ped. inst.* 61 no. 1:10-31 '68.

513.63 (Continued)

Fifth All-Union Conference on Topology. A. V. Zarelua. Usp. mat. nauk. 23 no. 3:216-222 My-Je '68.
First International Conference on the Theory of Extensions. I. M. Smirnov. Usp. mat. nauk. 23 no. 3:215-218 My-Je '68.
Isomorphism of a conjugate space to a strictly convex conjugate space. V. I. Anichuk. Uch. zap. Kal. gos. ped. inst. 61 no. 1:12-15 '68.
On G -completeness and G -complementability. V. P. Zylet. Dokl. AN SSSR 173 no. 3:52-530 Mr '66.

514 Trigonometry. Polygonometry

Trigonometric functions in an ellipse. E. G. Korovarov. V. A. Rukhsor. Vestn. AN BSSR. Ser. fiz.-tekhn. nauk. no. 1:113-117 '65.

515 Descriptive geometry

Construction of complex wide-angle perspectives. B. V. Shtakel'skiy. Trudy IPi nos. 12/44:149-156 '61.
Reconstruction of perspective images. B. V. Shtakel'skiy. Trudy IPi nos. 12/44:157-164 '61.

516 Analytical geometry

Coordinate curves. G. Dzherdzherdzhan. Prom. Arta. no. 12:28-29 '67.

517 Analysis. Calculus

Equivalents of the totalization principle. A. T. Fraciovskiy. Uch. zap. Kab.-Balk. gos. un. no. 10:276-282 '63.
Existence of solutions for minimax problems in optimization of processes. V. V. Podinovskiy. Izv. AN SSSR. Tekhn. nauch. 33-16 Ia-F '68.
Experimental design to distinguish between hypothesis curves using the probability relation method. V. V. Fedorov. Zav. lab. 34 no. 3:320-324 '68.
Fichtengolts, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Izd. 5-o, stereotip. Moskva, "Nauka," T. 2, 1968, 463 p.
Mathematical analysis of the diffusion process in determining water from permeability. E. T. Kovat'. A. A. Zagorut'ko. Trudy TSIN no. 9:120-132 '62.
New proof of some theorems on mathematical analysis. V. V. Podinovskiy. Uch. zap. Nov. gos. ped. inst. 1:62-67 '68.

517.1 Mathematical logic

Completeness up to the coding of systems of functions in K-valued logic and the complexity of its recognition. R. V. Fridlind. Dokl. AN SSSR 180 no. 4:801-805 Jr '68.
Extension of intuitionistic propositional calculus to classical calculus and extension of minimal calculus to intuitionistic calculus. V. I. Ankov. Izv. AN SSSR. Ser. mat. 32 no. 1:208-211 Ia-F '68.
Neighborhood order of maximum intervals in nearly all functions of algebra of logic. A. A. Sapozhenko. Dokl. AN SSSR 181 no. 1:32-35 My-Je '68.

517.3 Integral calculus

On a general quadratic process and its application to the approximate solution of singular integral equations. B. O. Abdulkarim. Dokl. AN SSSR 174 no. 3:513-517 Jr '68.
Radon-Nikodim's theorem and the representation of vector measures by an integral. V. I. Rybakov. Dokl. AN SSSR 180 no. 2:282-285 My '68.
Weight culture formulae. V. I. Polovinkin. Dokl. AN SSSR 179 no. 3:512-514 Mr '68.

517.4 Operators (mathematical) Invariants

Calculating the square of the matrix element of the operator of the dipole moment for the first s - p transition in a simple P -center model. M. S. Adanov and others. Vest. LGU 23 no. 10:16-21 My '68.

A class of spectral functions of a closed Jacobi operator with finite indices of defect. V. M. Rjabovskiy. Izv. vuz. uch. zap. 61 no. 5:80-85 My '68.

Complexes of k -dimensional planes in C^n -space and Plancherel's formula for the group $GL(n, C)$. I. M. Gelfand, M. A. Graev. Dokl. AN SSSR 179 no. 3:522-525 Mr '68.

Convergence conditions for a sequence of linear operators of class S_p . I. M. Zybin. Uch. zap. Nov. gos. ped. inst. 7:37-43 '66.

Convergence of a sequence of operators at the discontinuity points of a function of the first kind. A. G. Rabin. Uch. zap. Kal. gos. ped. inst. 61 no. 1:133-144 '68.

Discrete spectrum of Dirac and Pauli operators. O. I. Kurenbin. Probl. mat. fiz. no. 3:49-58 '68.

Double operator integrals in an R -ring. M. V. Solomak. Probl. mat. fiz. no. 3:89-102 '68.

Expansion in eigenfunctions of the Laplace operator in the fundamental domain of the discrete group on a Lobachevskii plane. I. D. Fadilev. Trudy Mosk. mat. ob-va 17:323-350 '67.

Extensions and characteristic function of a symmetric operator. A. V. Sitavay. Izv. AN SSSR. Ser. mat. 32 no. 1:185-207 Ja-F '68.

Index and normal solvability of integrodifferential operators. H. K. Landis. Dokl. arav. 4 no. 6:119-126 Je '68.

An integral transformation and its application in estimating the number of eigenvalues of some integral operators. M. A. Evgrafov. Trudy Mosk. mat. ob-va 17:273-292 '67.

Nonlinear Chebyshev approximations and some extremum problems. V. D. Korovin. Usp. mat. nauk. 23 no. 3:587-602 Ag '69.

Non-self-adjoint Schrödinger operators. Part 3. B. S. Pavlov. Probl. mat. fiz. no. 3:59-90 '68.

Norms of linear operators according to Wehr's system. V. V. Lokot'. Uch. zap. Kal. gos. ped. inst. 61 no. 1:83-98 '68.

Note on the theory of perturbations of a continuous spectrum. A. V. Polemkin. Sib. mat. zhur. 9 no. 3:723-126 My-Je '65.

On ϕ_p -operators in locally convex spaces. I. M. Vladimirskiy. Usp. mat. nauk. 23 no. 3:175-176 My-Je '68.

Perturbation of Schrödinger's periodic operator by a vanishing potential. V. A. Zhukovskiy. Vest. LGU 23 no. 7:144-145 Ap '68.

Perturbation of the spectrum of Schrödinger's operator with complex-valued periodic potential. V. A. Zhelezovskiy. Probl. mat. fiz. no. 3:31-45 '68.

Series of Banach structures of measurable functions. S. G. Krein, I. I. Piatunin, K. A. Semov. Trudy Mosk. mat. ob-va 17:293-322 '67.

Set of linear integral operators of the same general construction. Part 1. I. G. Labakov. Izv. vuz. uch. zap. 61 no. 5:54-61 My '68.

Singular norm numbers of perfectly continuous operators. S. U. Rofeld'. Probl. mat. fiz. no. 3:61-87 '68.

Spectral properties of some classes of linear positive operators. B. Imomrakov, T. Shirov, D. A. Selsker. Dokl. AN Tadzh. SSR 11 no. 1:6-9 '68.

Symmetry of telegraphic problems. I. A. Matkin, V. I. Man'ko. Prikl. red. Zash. eksp. teor. fiz. 7 no. 3:105-107 Jr '68.

517.5 Theory of functions

Analytic functions of polynomial roots containing several parameters. Representation of polynomial roots by Ruzh. A. A. 6:692-696 Ag '68.

Approximation of periodic functions by linear methods of summation of Fourier series. V. V. Zlate. Sib. mat. zhur. 9 no. 3:713-716 My-Je '68.

Approximation of $K(1/3)$ by rational functions. A. P. Batunov. Vestn. AN BSSR. Ser. fiz.-mat. nauk. no. 2:47-58 '68.

Asymptotic factorization of a linked transformation. N. V. Shorovskiy. Izv. vuz. uch. zap. 61 no. 5:56-60 My '68.

Boundedness and continuity of a function with limited n -variation. S. K. Khavachev. Uch. zap. Kab.-Balk. gos. un. no. 3:203-209 '68.

Calculation of $\sum_{n=1}^{\infty} \frac{1}{n^2} = \frac{\pi^2}{6}$. I. G. N. N. Uch. zap. Kab.-Balk. gos. un. no. 3:101-102 '68.

Calculation of the residues of a meromorphic function of several complex variables with a linearly factorable denominator. A. P. Ushakov. Mat. zap. Probl. mat. ob-va URGU 5 no. 4:116-124 '67.

A Carleman-type problem for a multiply connected region in a class of generalized analytic functions. N. T. Mikhel'skiy. Sib. mat. zhur. 9 no. 3:607-613 My-Je '68.

Cauchy problem for the Laplace equation. V. G. Moynin, V. P. Khavay. Vest. LGU 23 no. 7:146-147 Ap '68.

Characteristics of maximal ideals in normal subrings of a ring of continuous functions. G. I. Ivanova. Uch. zap. Nov. gos. ped. inst. 7:28-36 '68.

Completeness of a system of powers in certain spaces. N. V. Tikhonov. Uch. zap. Kal. gos. ped. inst. 61 no. 1:166-183 '68.

Dispersion of a series of values of a gauge linear function. D. N. Labin. Uch. zap. Kab.-Balk. gos. un. no. 3:75-76 '68.

Example of a singular measure equivalent to its square upon convolution. B. M. Makarov. Vest. LGU 23 no. 7:51-55 Ap '68.

Existence of a phase transition in a lattice gas with interparticle attraction. F. A. Borozin, G. A. Smol. Trudy Mosk. mat. ob-va 17:107-121 '67.

Existence of the Lohvitskiy-Skarpitadze system in a r -space. V. V. Lokot'. Uch. zap. Kal. gos. ped. inst. 61 no. 3:109-101 '68.

Extension of quasi-analytic classes of Denjoy-Carleman. M. M. Dzherdzherdzhan. Dokl. AN SSSR 180 no. 4:782-785 Je '68.

Fourier coefficients and structural properties of differentiable functions. V. E. Golt. Mat. zap. Ural. mat. ob-va URGU 5 no. 4:19-22 '66.

Generalization of the asymptotic period of an entire function. A. A. Miroshnikov. Sib. mat. zhur. 9 no. 3:582-600 My-Je '68.

Generalization of the orthogonality concept. I. U. N. Smolin. Uch. zap. Kab.-Balk. gos. un. no. 3:241-242 '66.

Generalization of two classical formulae in the case of functions of several complex variables. U. I. Oshvinko. Mat. zap. Ural. mat. ob-va URGU 5 no. 4:76-86 '66.

Harmonic functions on $GL(2)$. A. N. Bogachevskiy. Trudy Sem. po vekt. i form. anal. 14:282-324 '68.

Ideals in generalized semiordeered rings of continuous functions. G. I. Ivanova. Uch. zap. Nov. gos. ped. inst. 7:17-27 '68.

Infinitesimal flexures of a toroidal surface of revolution. K. M. Belov. Sib. mat. zhur. 9 no. 3:400-404 My-Je '68.

Interpolation of entire functions. A. I. Doroshevich, G. P. Lepin. Sib. mat. zhur. 9 no. 3:522-529 My-Je '68.

Interpolation on denumerable sets with one accumulation point. N. V. Tikhonov. Uch. zap. Kal. gos. ped. inst. 61 no. 1:145-167 '68.

Irregular values of certain transcendental functions. V. G. Sprindzhuk. Izv. AN SSSR. Ser. mat. 32 no. 1:83-107 Ja-F '68.

Kainin, R. A. [Algebra and elementary functions] Algebra i elementarnye funktsii. Izd. 3-o, pereizdat. Moskva, "Nauka," 1967, 464 p.

CLU NIC

Mappings with bounded distortion as extensions of Lebesgue type integrals. I. G. Rushtinskii. Sib. mat. zhur. 9 no. 3:652-666 My-Je '68.

Markushevich, A. I. [Theory of analytic functions] Teoriya analiticheskikh funktsii. Izd. 2-o, ispr. 1964. Moskva, "Nauka," 1967-1968, 2 v.

Near-convergence and general properties of summation methods. M. V. Linn. Uch. zap. Kab.-Balk. gos. un. no. 3:20-30 '66.

On spaces of constructive infinitely differentiable functions and functionals containing them. I. A. Bavin. Dokl. AN SSSR 180 no. 4:799-802 Jr '68.

On the theory of integral representations of holomorphic functions. I. I. Bavin. Dokl. AN SSSR 180 no. 1:12-14 My-Je '68.

Order of approximation of continuous functions on a segment using some algebraic polynomials. N. M. Vlasova. Vestn. AN BSSR. Ser. fiz.-mat. nauk. no. 2:30-42 '68.

A problem for numerical analysis: construction of a 130-million function. V. K. Ivanov, T. I. Korotkiy. Ural. mat. ob-va URGU 5 no. 4:55-61 '66.

Itemized surfaces in Euclidean space. I. I. Piatunin. Sib. mat. zhur. 9 no. 3:632-638 My-Je '68.

Sequences of linear aggregates of functions of several complex variables. V. P. Gromov. Dokl. AN SSSR 180 no. 4:778-781 Jr '68.

Some applications of the principle of areas. I. I. Gromov. Vest. LGU 23 no. 7:38-40 Ap '68.

Some properties of convex sets and their applications to the theory of growth of convex and entire functions. I. S. Margotz. Sib. mat. zhur. 9 no. 3:517-521 My-Je '68.

Some theorems on best approximation polynomials of a non-Chebyshev system in a Chebyshev space. I. I. Piatunin. Uch. zap. Kal. gos. ped. inst. 61 no. 1:3-12 Jr '68.

Stability theorems for mappings with bounded distortion. I. G. Rushtinskii. Sib. mat. zhur. 9 no. 3:57-64 My-Je '68.

Superposition of an Eit function and elementary functions of several variables. M. I. Brulzovskiy. Uch. zap. Nov. gos. ped. inst. 7:71-91 '66.

Strelakovich, A. G., and A. N. Tikhonov. [Theory of functions of complex variables] Teoriya funktsii kompleksnogo peremennogo. Moskva, "Nauka," 1967, 354 p. 1429 vyssh. matemat. i matemat. fiz. Vyp. 6.

Thermodynamic limit for entropy. P. A. Mironov, A. I. Povarov. Trudy Mosk. mat. ob-va 17:242-252 '67.

Transcendence and algebraic independence of the values of certain entire functions. V. I. Oshvinko. Izv. AN SSSR. Ser. mat. 32 no. 1:83-92 Ja-F '68.

Upper limit of a unit variation in some entire functions. P. G. Skvortsov. Uch. zap. Kab.-Balk. gos. un. no. 1:205-208 '66.

517.512 Series

Approximation of periodic functions by linear methods of summation of Fourier series. V. V. Zlate. Sib. mat. zhur. 9 no. 3:713-716 My-Je '68.

Classification criteria for Fourier trigonometric series. Part 1. M. G. Skvortsov. Uch. zap. Kab.-Balk. gos. un. no. 3:211-218 '66.

Classification of criteria for orthogonal series. Part 1. M. G. Skvortsov. Uch. zap. Kab.-Balk. gos. un. no. 3:219-232 '66.

Commutative semigroups in a space of lower triangular matrices and analytic continuation of Taylor series. A. A. Melentev. Mat. zap. Ural. mat. ob-va URGU 5 no. 4:62-76 '66.

Completeness of a system of powers in certain spaces. N. V. Tikhonov. Uch. zap. Kal. gos. ped. inst. 61 no. 1:166-183 '68.

Convergence of conjugate Fourier series. M. A. Rykunkovskiy. Izv. AN SSSR. Ser. mat. 32 no. 1:83-92 Ja-F '68.

Deviation of Fourier-Jacobi sums at boundary points of the orthogonality interval. S. A. Agakhanov. Uch. zap. Vest. LGU 23 no. 7:15-27 Ap '68.

Estimate of the divergence of functions from the mean averages of some trigonometric polynomials. I. V. Ucheb. zap. mat. no. 5:30-36 My '68.

Estimation of the remainder of a Fourier series. A. V. Zorachukov. Mat. zap. Ural. mat. ob-va URGU 5 no. 4:23-32 '66.

Fourier coefficients and structural properties of differentiable functions. V. E. Golt. Mat. zap. Ural. mat. ob-va URGU 5 no. 4:19-22 '66.

Linear summation methods and absolute convergence of Fourier series. R. M. Trigmov. Izv. AN SSSR. Ser. mat. 32 no. 1:24-49 Ja-F '68.

Method for calculating and computing sums of divergent series and its application in physics. I. A. Bavin. Uch. zap. Nov. gos. ped. inst. 7:59-70 '66.

Multiplicators of Fourier series. Part 1. M. G. Skvortsov. Uch. zap. Kab.-Balk. gos. un. no. 3:219-228 '66.

Now classification criteria for orthogonal series. Part 1. M. G. Skvortsov. Uch. zap. Kab.-Balk. gos. un. no. 3:233-239 '66.

Properties of some series related to eigenvalues of a Sturm-Liouville type boundary value problem. S. S. Krikakia. Izv. vuz. uch. zap. 61 no. 5:50-53 My '68.

Rice's series in the theory of random functions. R. M. Mironov. Vest. LGU 23 no. 7:65-65 Ap '68.

Some properties of linear methods for summing Fourier series. V. I. Volkov. Uch. zap. Kal. gos. ped. inst. 61 no. 1:57-62 '68.

Study of the averaged interpolation process of S. M. Stepanov in the closed domain. S. A. Verbanov. Izv. vuz. uch. zap. mat. no. 6:26-28 My '68.

Uniform and absolute convergence of expansions in eigenfunctions. I. Kendzhaev. Dokl. AN Tadzh. SSR 11 no. 1:10-15 '68.

- 54754 Dirichlet's problem. Boundary value problem. Asymptotic behavior of the solution of Dirichlet's problem for equations of the second and fourth order. A. I. Kechura. *Dokl. Akad. Nauk SSSR*, 4 no. 5:907-924 My '68.
- Boundary value problems in linear plasma electrodynamics. I. U. N. Uneshtrokov, D. P. Kostomarov. *Dokl. AN SSSR* 160 no. 1:45-47 My-Je '68.
- Boundary value problems with a displacement for analytical functions, and singular functional equations. C. I. Zolotarev and G. S. Litvinenko. *Dokl. Akad. Nauk SSSR*, 23 no. 3:67-71 My-Je '68.
- A Carleson-type problem for a multiply connected region in a class of generalized analytic functions. N. F. Shishakov. *Sib. mat. zhur.*, 9 no. 3:607-613 My-Je '68.
- Certification to the theory of the equation $y'' + p(x)y' + q(x)y = 0$. I. N. Lant. *Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- Expansion in eigenfunctions of a non-self-adjoint boundary value problem generated by an infinite system of differential equations of the second order. I. A. R. Kerminev. *Dokl. AN Azerb. SSR* 23 no. 11:3-7 '67.
- Internal problem in the theory of elasticity for the case of a homogeneous anisotropic medium. S. N. Rozov. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Green's matrix of a periodic boundary value problem for a system of two linear differential equations of the second order. M. M. Arkhipov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Properties of some series related to eigenfunctions and eigenvalues of a Sturm-Liouville-type boundary value problem. S. S. Katsikula. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Qualitative study of inhomogeneous boundary value problems of the Volterra type. Sh. G. Gamidov. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Selection of iteration parameters in the method of variable derivatives for the Dirichlet problem of a higher order of accuracy. A. A. Samarskii. *Dokl. AN SSSR* 179 no. 3:518-521 My '68.
- Stability of boundary value problems for ordinary differential equations with discontinuous right parts. R. E. Raguzev. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Boundary value problems for elliptic systems. Maria Morozovskaya. *Dokl. AN URSR, Ser. A* 30 no. 8: 6:9-102 Ag '68.
- Some new boundary value problems for a certain type of partial differential equations. Part I. N. I. Litvinenko. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- A stability criterion of the Dirichlet problem for the heat conduction equation at the boundary point of the domain. S. I. Mogilevskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Stability of the first boundary value problem for a linear parabolic equation. Sh. I. Mogilevskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Use of a continuous analogy of Newton's method for the approximate solution of a nonlinear boundary value problem. N. P. Zhidkov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Use of the method of orthogonal transformations for solving boundary value problems with nonseparable conditions for systems of differential equations. I. I. Mordukhai-Goltys. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- 5176 Integrals
- Integration with bounded distortion on a circulant of Dirichlet type integrals. I. U. N. Uneshtrokov. *Sib. mat. zhur.*, 9 no. 3:607-613 My-Je '68.
- 5179 Differential equations
- Asymptotic behavior of solutions of a wave equation concentrated near the axis of a plane wave guide in an inhomogeneous medium. V. S. Baluyev. *Probl. mat. fiz.*, 10:3-5-30 '68.
- Asymptotic behavior of the solution of Dirichlet's problem for equations of the second and fourth order. A. I. Kechura. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Asymptotic behavior of the solutions of a nonlinear differential equation of the second order with a delay. O. M. Olshchik. *Dokl. AN URSR, Ser. A* 30 no. 8:712-716 Ag '68.
- Asymptotic stability of the zero solution of a nonautonomous system of two differential equations. Part 2. G. S. Krechetov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Behavior near a hypersurface of degeneration of solutions of an elliptic equation whose order is degenerating. A. Janusovskas. *Sib. mat. zhur.*, 9 no. 3:700-713 My-Je '68.
- Behavior of integral curves of a system of two differential equations. V. V. Anisimov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Boundary value problem for a system of ordinary differential equations. V. S. Blinchevskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Bounded solutions of systems of ordinary second-order differential equations. M. M. Belova. *Dokl. AN SSSR* 160 no. 2:268-268 My '68.
- Boundedness of solutions of systems of differential equations. M. B. Kudakov. *Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- A characteristic of the encounter of movements in a plane. M. N. Krasovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- A class of differential systems with elementary solutions. I. I. Mikhlin. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- A class of dynamic systems with two closed algebraic trajectories. I. S. Belov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- A class of irregular systems. I. N. Bityarov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Conditional stability on a given time interval. V. I. Zinovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Control action on surfaces of revolution. A. P. Mank. *N. M. Gornostayeva. Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- A differential equation of Lagrange. M. V. Zaretskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Dynamic characteristics of systems of two differential equations. S. G. Kozlovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- An equation describing nonlinear oscillations. O. A. Kozlovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Elimination of the maximum module of bounded generalized solutions of quasi-linear second-order elliptic equations with divergent main part in the infinite domain. V. A. Tikhonov. *Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- Existence and uniqueness of a generalized solution for Keldysh's equation. O. S. Kirichenko. *Dokl. AN URSR, Ser. A* 30 no. 8:732-734 Ag '68.
- Existence in the large of smooth solutions of degenerate quasi-linear equations. M. I. Fridlin. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Existence of a solution of an incorrect problem equivalent to the convergence of a regularization process. V. P. Maslov. *Usp. mat. nauk*, 23 no. 3:183-184 My-Je '68.
- Expansion in eigenfunctions of a non-self-adjoint boundary value problem generated by an infinite system of differential equations of the second order. I. A. R. Kerminev. *Dokl. AN Azerb. SSR* 23 no. 11:3-7 '67.
- Expansion in solutions of a problem in scattering theory for a nonself-adjoint Schrödinger equation. M. A. Kozlovskii. *Dokl. AN SSSR* 179 no. 3:518-521 My '68.
- Explicit iterative methods for solving a multidimensional problem of harmonic equations. I. M. Molchanov. *Dokl. AN URSR, Ser. A* 30 no. 8:700-701 Ag '68.
- External problem in the theory of elasticity for the case of a homogeneous anisotropic medium. S. N. Rozov. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Finding an exact partial periodic solution for a certain type of nonlinear differential equations. V. I. Volkov. *Trudy IPI*, 11 no. 32/44:107-112 '67.
- Finding the first integral of Hamilton equations. V. M. Kolyvayev. *Dokl. AN URSR, Ser. A* 30 no. 8:740-751 Ag '68.
- Force field process in the method of differential descent. S. I. Gornostayeva. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Formulas for the inversion of the integral representation of solutions of the Helmholtz equation. N. O. Pakhar'ev. *I. M. Gornostayeva. Dokl. AN URSR, Ser. A* 30 no. 8:762-769 Ag '68.
- General solutions of three-dimensional linearized equations describing the stability of elastoplastic bodies. O. M. Gusev. *Dokl. AN URSR, Ser. A* 30 no. 8:722-725 Ag '68.
- Generalization of the method for averaging functional corrections to the solution of a class of integro-differential equations. A. T. Iantseva. *Dokl. AN URSR, Ser. A* 30 no. 8:737-742 Ag '68.
- Geometrical interpretation and generalization of a Liapunov theorem. I. A. Ushakov. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Green's matrix of a periodic boundary value problem for a system of two linear differential equations of the second order. M. M. Arkhipov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- An incorrect problem for differential equations with advancing argument. A. A. Kozlovskii. *Mat. zap.*, 100 no. 3:183-184 My '68.
- Initial problem for general systems of partial differential equations with constant coefficients. F. G. Solov'eva. *Dokl. AN SSSR* 160 no. 1:39-39 My-Je '68.
- Integration of equations. I. N. Gladkova. A. M. Flusinskii. *Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- Isolation of a system of differential equations. V. I. Glomazov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Invariant sets of differential systems. I. A. Koltsev. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Kisilev, A. I., M. L. Krasov, and G. I. Makarenko. [Collection of problems in the field of ordinary differential equations] *Sbornik zadach po obyknovennym differentsial'nym uravneniyam*. Izd. 2-o. Moskva, "Vyssh. shkola," 1967. 310 p.
- Krein, S. G. [Linear differential equations in Banach spaces] *Lineinye differentsial'nye uravneniya v banakhovom prostranstve*. Moskva, "Nauka," 1967. 484 p. (Sovrem. problemy matematiki).
- Liapunov's functions and the construction of solutions of differential equations. A. A. Ushakov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Linear asymptotic equilibrium. Nguyen Thue Hoa. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- The linear collocation method. O. P. Kartsov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- A method for solving a linear system of differential equations with periodic coefficients. S. I. Nikol'skii. *Dokl. AN URSR, Ser. A* 30 no. 8:707-712 Ag '68.
- Method for studying limiting cycles. M. V. Dolov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Methods for fast averaging. V. V. Lyapunov. *Dokl. AN URSR, Ser. A* 30 no. 8:722-725 Ag '68.
- Mobile singular points of the solutions of certain systems of differential equations. S. G. Kozlovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- A multipoint difference scheme in the method of integral relations for a hyperbolic equation. V. N. Abrosimov. V. V. Bobkov. *Vestn. AN BSSR. Ser. fiz.-mat. nauk*, no. 2:57-65 '68.
- Nonlinear oscillations of thin plates allowing for the moment of rotation. K. F. Morozov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Numerical solution of equations describing regular percolation of ground waters with nonlinear infiltration. V. E. Slonimskii. *Dokl. AN URSR, Ser. A* 30 no. 8:744-749 Ag '68.
- On Liapunov-Gluzin's theorems for spatial heat potentials. I. I. Kamylin. *Dokl. AN SSSR* 179 no. 3:511-513 My '68.
- Operator identities and some ordinary linear differential equations of high order integrable in the closed form. L. M. Berkovich. V. I. Kval'usser. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Operational method for determining the iterative correction in Newton-Kantorovich's method. A. G. Lyubchuk. *Trudy IPI*, 11 no. 32/44:121-130 '67.
- Separability of variables in the Schrödinger equation. I. I. Tugov. *Sib. mat. zhur.*, 9 no. 3:683-684 My-Je '68.
- Periodic solutions of systems of differential equations. M. B. Kudakov. *Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- Problem concerning the field of a linear source in the presence of a curved line lattice made from a finite number of parallel lines. C. A. Ivanov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Problem concerning the stability of oscillations of quasi-linear autonomous systems with retarded argument. K. M. Tsui. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Problem dealing with the diffusion in a two-media system. L. M. Kozlovskii. G. M. Baranov. I. V. Razumovskaya. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- A problem for the Laplace equation in a sphere and a cylinder. A. V. Oskolkov. *Uchen. zap. Kazan. Univ.*, 100 no. 3:83-91 My '68.
- Problems involving eigenvalues for ordinary nonlinear differential equations of the second order. L. I. Nestlerov. *Dokl. AN URSR, Ser. A* 30 no. 8:702-707 Ag '68.
- Proof of the theorem of existence of a solution for a class of systems of nonlinear differential equations. V. V. Vavulin. *Trudy IPI*, 11 no. 32/44:18-25 '67.
- Pulse control systems with wide-range modulation. V. A. Iakubovich. *Dokl. AN SSSR* 160 no. 2:200-201 My '68.
- Regularization of a problem concerning the encounter of movements. A. I. Sukhotin. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Regularization of linear equations in Banach spaces. O. A. Iakubovich. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Capacity and behavior of the solution of an elliptic equation of the second order with discontinuous coefficients near a boundary point. E. M. Landis. *Dokl. AN SSSR* 160 no. 1:25-28 My-Je '68.
- Set of lower indices of a positive measure. N. A. Izobov. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Smoothness of thermal potentials. Part 5: The thermal potentials θ_1, θ_2 and θ_3 on surfaces of the type $1/(x^2 + y^2 + z^2) = 1/a^2$ and $1/(x^2 + y^2 + z^2) = 1/b^2$. I. I. Kamylin. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Solution of the problem of center and focus in a single case. A. P. Sadovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Solution of three-dimensional problems concerning the stability of transversely isotropic bodies. O. M. Gusev. *Dokl. AN URSR, Ser. A* 30 no. 8:747-748 Ag '68.
- Solvability of boundary value problems for ordinary differential equations with discontinuous right parts. R. E. Raguzev. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Some new boundary value problems for a certain type of partial differential equations. Part I. N. I. Litvinenko. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Some properties of polynomial approximations according to Itiz. S. G. Mikhlin. *Dokl. AN SSSR* 160 no. 2: 270-278 My '68.
- Stability criterion for the probabilistic spectrum of linear systems of differential equations with recurrent coefficients and the near reducibility of systems with almost periodic coefficients. V. M. Militsinskii. *Dokl. AN SSSR* 179 no. 3:538-541 My '68.
- Stability in critical cases. A. P. Sadovskii. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Stability of a trivial solution. A. M. Aban'kin. *Vest. LGU* 23 no. 7:5-14 Ap '68.
- Stability of motion of a mechanical system. A. I. Ogurov. *Mat. zap.*, 100 no. 3:183-184 My '68.
- Stability of spectral cycles. I. A. Cherkas. *Dokl. Akad. Nauk SSSR*, 160 no. 1:45-47 My-Je '68.
- Structure of the vicinity of the homoclinic curve of an invariant torus. L. P. Shil'nikov. *Dokl. AN SSSR* 160 no. 2:286-288 My '68.
- Study on small solutions of a class of nonlinear operator equations. V. M. Krasnosel'skii. *Dokl. AN SSSR* 160 no. 1:22-24 My-Je '68.
- Sufficient conditions of existence of the periodic solution for a nonautonomous differential equation of the second order. V. A. Koz'minsky. *Sib. mat. zhur.*, 9 no. 3: 717-719 My-Je '68.
- Theorems of Javard and Bohr-Neugebauer for multidimensional differential equations. A. I. Perov. T. K. Katsaran. *Izv. vuz. mekh. i mekhan.*, 11 no. 5:71-79 My '68.
- Tricubic domains and classes of correctness of the Cauchy problem. S. G. Gindkin. *Usp. mat. nauk*, 23 no. 4:177-178 My-Je '68.
- Use of a digital computer in solving differential equations of the first order. Ch. M. Dzhuvar, E. V. Dmitriev. *Dokl. AN Azerb. SSR* 23 no. 11:8-12 '67.

517.9 (Continued)

- Use of mean functions in solving equations. I. U. M. Kryukova. *Dokl. AN URSR, Ser. A* 30 no. 4:304-308 Apr '68.
- Use of the contour integral method in solving a mixed problem for a parabolic system. N. V. Mamchur. *Dif. urav.* 4 no. 3:405-406 May '68.
- Use of the method of contour integrals in solving a problem dealing with transverse vibrations of a viscoelastic rod. N. I. Galduk. *Izv. vuzov* 4 no. 6:1101-1111 Jun '68.
- Use of the method of orthogonal transformations in solving boundary value problems with nonseparable conditions for systems of differential equations. P. I. Monastyrnyi. *Dif. urav.* 4 no. 6:1140-1145 Jun '68.
- Use of the smoothing method in the numerical solution of profile problems of percolation involving free water surfaces. V. S. Stryi, V. A. Shadrinskii. *Dokl. AN URSR, Ser. A* 30 no. 8:717-721 Aug '68.
- Use of the theory of optimal processes in studying industrial models. Part 2. I. P. Kirenenko. *Dif. urav.* 4 no. 5:773-811 May '68.
- Using the method of averages for the asymptotic solution of some systems of differential equations with lag. G. N. Medvedev, B. I. Margolin. *Vest. Mosk. un. Ser. fiz. i inzh. nauk* 23 no. 2:103-112 Apr '68.
- Variability and nonuniqueness of the solutions of a nonlinear second-order equation with a multiplicatively divided right part. I. V. Kamenov. *Dif. urav.* 4 no. 5:845-849 May '68.
- Viscosity of a viscous fluid. A. K. Nikifor, L. N. Potentenko. *Uch. zap. Kab.-Balk. gos. un.* no. 7:193-195 '68.
- 517.918 Functional equations**
Analysis of a system of differential functional equations. V. R. Petukhov. *Dif. urav.* 4 no. 5:673-680 May '68.
- Approximate functional equations of Hilbert's functions. A. P. Lavrik. *Izv. AN SSSR, Ser. mat.* 32 no. 1:134-185 Jan '68.
- Boundary value problems with a displacement for analytic functions, and singular functional equations. E. I. Zverovich and G. S. Litvinchuk. *Usp. mat. nauk* 23 no. 3:67-121 May-June '68.
- 517.949 Difference equations**
Modification of I. B. Sokolov's method for approximate solution of integro-difference equations. M. M. Halil, B. H. Mossalov. *Dokl. AN URSR, Ser. A* 30 no. 8:675-680 Aug '68.
- Stability of difference schemes approximating Volterra type integrodifferential equations. T. I. Nazarenko. *Trudy IPT, ser. 3* 27:144:131-138 '67.
- Uniform asymptotic stability of a system of linear difference equations with variable coefficients containing a small parameter at the first differences. A. I. Khmushkev. *Mat. zap. Ural. mal. ob-va URGU* 5 no. 4:33-45 '68.
- 517.95 Integral equations**
Extension of the solutions of n-dimensional Volterra integral equations near singular points. E. I. Grudov. *Dif. urav.* 4 no. 6:1071-1080 Jun '68.
- [Integral equations] Integral'nye uravneniya. Moskva, "Nauka," 1968. 448 p. (Spravochnik matemat. fiziki).
- Method for solving linear integral equations of the second kind. A. F. Kalaidin, V. U. Sereda. *Dif. urav.* 4 no. 5:938-942 May '68.
- Problem of diffraction on a transparent inhomogeneous body. V. V. Kravtsov. *Vest. Mosk. un. Ser. fiz. i inzh. nauk* 23 no. 3:116-118 May-June '68.
- Regularization of first-order integral equations with Green's kernel. L. F. Korolova. *Izv. vuzov, ucheb. zap. mat.* no. 5:44-49 May '68.
- Solution of an L_2 -regularized Fredholm integral equation of the first kind using the method of successive approximations. N. V. Suleimanov. *Mat. zap. Ural. mal. ob-va URGU* 5 no. 4:101-101 '68.
- Use of the successive approximation method in finding the eigenvalues of the kernel $K(x, y)$. R. V. Suleimanov. *Mat. zap. Ural. mal. ob-va URGU* 5 no. 4:105-110 '68.
- 518 Special methods of calculation. Computing aids. Graphical calculation**
Algorithms of the Monte Carlo method for the solution of problems dealing with the theory of propagation of narrow light beams. Part I. G. M. Krekuv, G. A. Mikhailov, B. A. Kargin. *Izv. vuzov, ucheb. zap. fiz. i inzh. nauk* 23 no. 4:110-115 '68.
- Applying the Monte Carlo method in the calculation of the thermal conductivity of dielectrics with isotropic dielectrics. B. N. Ivanov. *Teplotiz. vuz. temp.* 6 no. 3: 447-450 May-June '68.
- Berezin, S. I. [The slide rule] Shetnaya logarifmicheskaya linieika. Izd. 4-e, ispr. i dop. Leningrad, "Mashinostroenie," 1968. 55 p.
- Complex programs for crystallochemical calculations on the "Selon" electronic computer. P. M. Zorkii, N. N. Chernikova. *Zhur. struk. khim.* no. 2:334-335 Mar-Apr '68.
- Distribution of the roots of the stability polynomial in Störmer's method. L. A. Adrianova. *Vest. LGU* 23 no. 7:28-30 Apr '68.
- Economic grounds for the selection of the type of rock drilling bits. V. I. Ignatov, A. S. Volkov. *Razv. i okh. nedr* 34 no. 5:25-28 May '68.
- Generalization of the method for averaging functional corrections to the solution of a class of integrodifferential equations. A. T. Anishevskii. *Dokl. AN URSR, Ser. A* 30 no. 8:737-742 Aug '68.
- Identification of simple elementary paths of antisymmetrical graphs. A. M. Nemirovskii. *Izv. AN SSSR, Tekh. kib.* no. 3:60-65 May-June '68.
- Integrating an equation of nonuniform, smoothly changing and steady flow in a plasmatic channel. V. S. Kallia. *Izv. VNIIG* 79:258-263 '65.
- Isomorphism of graphs and finite automata. A. N. Molikarov, L. S. Bershteyn, V. P. Karel'm. *Izv. AN SSSR, Tekh. kib.* no. 1:128-134 Jan-Feb '68.
- A multipoint difference scheme in the method of integral relations for a hyperbolic equation. V. N. Abrashin, V. V. Bobkov. *Vest. AN BSSR, Ser. fiz. i inzh. nauk* no. 2:57-65 '68.
- Solution of a system of two nonlinear equations with two unknowns using the iterative method. N. P. Bobkova. *Izv. zap. Kab. gos. ped. inst.* 61 no. 4:45-56 '68.
- Solution of equations describing the bending of rectangular plates of variable thickness. F. Asadov. *Dokl. AN Tadzh. SSR* 11 no. 1:16-19 '68.
- Some properties of polynomial approximations according to Ritz. S. G. Khukhin. *Dokl. AN SSSR* 180 no. 2: 226-228 May '68.
- Studying Kyo substitution by the method of mathematical planning of the experiment. Z. B. Entin, I. A. Firlman, V. K. Khukhlov. *Tsement* 32 no. 4:7-9 Jan-Apr '68.
- 518.9 Mathematical games**
Applicability of Isaac's solution technique in the small to solution in the small of some games of pursuit. L. A. Potretan. *Vest. LGU* 23 no. 7:66-70 Apr '68.
- A characteristic of the encounter of movements in a game. N. N. Krasovskii. *Dif. urav.* 4 no. 5:763-776 May '68.
- Game problems with informational type restrictions. R. L. Stratonovich, B. A. Gritsanin. *Izv. AN SSSR, Tekh. kib.* no. 1:3-12 Jan-Feb '68.
- Linear differential games with integral restrictions. B. N. Pechenkin, I. N. Onopchuk. *Izv. AN SSSR, Tekh. kib.* no. 1:13-22 Jan-Feb '68.
- A military conception of the international conflict. L. A. Petukhova. *Kach. dokl. vuz. shkoly: Ucheb. zadaniya i 3:11-103 '68.*
- Regularization of a problem concerning the encounter of movements. A. I. Subbotin. *Dif. urav.* 4 no. 5:779-784 May '68.
- 519.1 Combinatorial analysis**
Number of incomplete colorings of the vertices of a graph. Kh. N. Norzullaev. *Kibernetika* no. 2:100-107 Apr-May '68.
- Rules governing the composition of a graph with a square-law matrix. V. V. Larin. *Radioelektronika* 23 no. 5:88-89 May '68.
- Use of oriented graphs and dissipation matrices in the calculation of the characteristics of regenerative amplifier stages. L. I. Zhegurov, I. A. Strukov, V. S. Rikhi. *Radioelektronika* 23 no. 7:28-33 '68.
- Values of a linear form over a set of substitutions. D. A. Suprunenko. *Kibernetika* no. 2:59-63 Mar-Apr '68.
- 519.2 Probability theory**
[Achievements of science: Probability theory, mathematical statistics. - Theoretical cybernetics] Dostizheniya nauki: Teoriya veroyatnostei, matematicheskaya statistika. - Teoreticheskaya kibernetika. 1968. Moskva, 1967. 109 p. (Seriya "Matematika").
- Approximate minimax property of the H^2 test. I. I. Il'inskiy. *Dokl. AN SSSR* 180 no. 4:703-704 Jun '68.
- Continuity of choice functions of Gaussian random fields in Hilbert space. M. I. Lidsenko. *Dokl. AN URSR, Ser. A* 30 no. 8:734-736 Aug '68.
- Determination of stochastic measures with the aid of nonlinear and perfectly continuous transformations. O. N. Domentin. *Dokl. AN URSR, Ser. A* 30 no. 4:208-201 Mar '68.
- Ergodic theorem for a class of Markov processes. H. I. Pryzva. *Dokl. AN URSR, Ser. A* 30 no. 8:729-723 Aug '68.
- Experimental modeling of a large-scale epidemic using a universal digital computer. L. A. Hvashev. *Dokl. AN SSSR* 180 no. 2:204-209 May '68.
- Integral theorems with allowance for large deviations due to violation of Cramer's condition. A. V. Nogaev. *Dokl. AN SSSR* 180 no. 2:270-281 May '68.
- Law of distribution of the number of sorites in a homogeneous Markov chain. V. K. Zakharov, O. V. Sarmanov. *Dokl. AN SSSR* 179 no. 3:528-528 Mar '68.
- Methodology of the correlation of ore occurrences in studies by the method of a charged body. P. F. Rodionov, I. I. Kononenko. *Razv. i okh. nedr* 31 no. 8:30-43 Aug '65.
- Nonparametric approach to problems in planning regression experiments. B. L. Granovskii, S. M. Ermakov. *Dokl. AN SSSR* 180 no. 2:273-275 May '68.
- Recent results in dealing with first-order phase transitions in lattice gas models. R. A. Minlos. *Usp. fiz. nauk* 100 p. (Seriya "Matematika").
- Rice's series in the theory of random functions. R. N. Mirosin. *Vest. LGU* 23 no. 7:55-85 Apr '68.
- Some conditions for the existence of K-separations for special streams. B. M. Gurevich. *Trudy Mosk. mal. ob-va* 17:89-116 '67.
- Sorin, I. M., and A. V. Zolotarev. [Talks on probability] Besedy o veroyatnosti. Izd. 2-o, pererabot. i dop. Moskva, "Znanie," 1968. 258 p.
- Stochastic interpretation of an integral. I. I. Zhegov. *Dokl. AN URSR, Ser. A* 30 no. 8:680-683 Aug '68.
- 519.24 Mathematical statistics**
[Achievements of science: Probability theory, mathematical statistics. - Theoretical cybernetics] Dostizheniya nauki: Teoriya veroyatnostei, matematicheskaya statistika. - Teoreticheskaya kibernetika. 1968. Moskva, 1967. 109 p. (Seriya "Matematika").
- Existence of a phase transition in a lattice gas with interparticle attraction. F. A. Borozin, I. A. G. Simak. *Trudy Mosk. mal. ob-va* 17:197-212 '67.
- Finding the probable location of a ship in an error region. V. N. Gulliyev. *Nur. abur.* 51 no. 3:45-49 Mar '68.
- Gnedenko, B. V. [Talks on mathematical statistics] Besedy o matematicheskoi statistike. Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Ser. 1a "Matematika. Kibernetika." 8).
- Practice in determining long-range average demand for basic products: calculations for 1975 using fuzzy mathematics as an example. H. M. Mikhailovskii, I. P. Solov'ev. *Ekon. i mat. metod.* 4 no. 3:345-354 May-June '68.
- Principle of "horizontality" in the reliability theory. G. D. Karashev, A. I. Porvov. *Izv. AN SSSR, Tekh. kib.* no. 1:81-87 Jan-Feb '68.
- Prospects for determining static load characteristics using mathematical statistics techniques. I. U. S. Kononov, I. H. Kugelevichus. *Elektricheskoe stroitel'stvo* 13 no. 13 Mar '68.
- A queueing model. V. V. Katsalnikov. *Izv. AN SSSR, Tekh. kib.* no. 1:88-90 Jan-Feb '68.
- Recent results in dealing with first-order phase transitions in lattice gas models. R. A. Minlos. *Usp. fiz. nauk* 100 p. (Seriya "Matematika").
- Study of a multiple-line queueing system with "heating." T. Z. Litvinov. *Izv. AN SSSR, Tekh. kib.* no. 1:11-17 Jan-Feb '68.
- Studying the dependence of costs on the volume of production output in the presence of several unified articles. V. A. Kozlovskii, A. V. Korotkiy. *Trudy IPT* no. 286:11-87 '67.
- Thermodynamic limit for entropy. P. A. Minlos, A. A. Povarov. *Trudy Mosk. mal. ob-va* 17:213-213 '67.
- Use of mathematical methods in processing the results of determining slight color differences in textile patterns. G. P. Shcherbinina, N. A. Alkhalifa. *Zh. tekhn. fiz.* 34 no. 3:320-328 '68.
- Use of regression analysis in determining the dependence of material expenditures by the individual stages of the erection of industrial buildings. E. G. Kuznetsov, M. S. Nefedov. *Ekon. i mat. metod.* 4 no. 3:463-465 May-June '68.
- Use of statistical methods in studying roof shapes in towns of India. M. A. Kusterlin. *Trudy IPT* no. 127:11-139-147 '67.
- 519.9 Information theory and cybernetics**
[Achievements of science: Probability theory, mathematical statistics. - Theoretical cybernetics] Dostizheniya nauki: Teoriya veroyatnostei, matematicheskaya statistika. - Teoreticheskaya kibernetika. 1968. Moskva, 1967. 109 p. (Seriya "Matematika").
- Analytical method of determining the optimum number of lines. A. G. Pavlov. *Za tekhn. prog.* 6 no. 6:6-11 June '68.
- Completeness of systems of operations in electrical computers. V. M. Gushakov. *Kibernetika* no. 2:1-3 Mar-Apr '68.
- Complexity, organization, and information. A. N. Il'inskiy. *Kach. dokl. vuz. shkoly: Ucheb. zadaniya i 3:11-103 '68.*
- Determination of the number of signals forming a set of lines with mutual backscattering. I. A. Il'inskiy, V. I. Lityaev, H. M. Minlos. *Izv. AN SSSR, Tekh. kib.* no. 1:66-65 May-June '68.
- Effect of the elementary forms of reflection on the processing of information in cybernetic apparatus. V. A. Skrobogotov. *Nauka i zhizn, vuz. shkoly: Ucheb. zadaniya i 3:11-103 '68.*
- Estimating the effect of the number of indicators on the reliability of recognition. A. V. Vinokurov. *Uch. zap. Kab.-Balk. gos. un.* no. 3:265-270 '68.
- Information carrier. I. Burdulin. *Zakup. sel'sk. khoz. stroitel'stvo* 10:12-38-40 Jan '67.
- [Journal of abstracts: Cybernetics] Ref. zhur.: Kibernetika. 6-7 Jan-Apr '68.
- Local principles of animal behavior. G. A. Gulliyev. *Dokl. AN SSSR* 180 no. 1:39-40 May-June '68.
- Morozov, K. E. [Mathematical models in cybernetics] Matematicheskie modeli v kibernetike. Moskva, "Znanie," 1968. 40 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Matematika. Kibernetika." 5).
- Nature of information. A. M. Uralov. *Teoriya no. 6* 1968 '68.
- Pavlov, T. D. [Information, collection, and creative work] Informatsiya, sbor i tvorchesvo. Moskva, "Prosvet," 1967. 101 p.
- Problem of the perception of bell-shaped curves in the theory of information theory. V. G. Fedotova. *Nauka i zhizn, vuz. shkoly: Ucheb. zadaniya i 3:11-103 '68.*
- Regulating the system of planning and economic information. D. Tsomina, V. Ryznikov, O. Nevala. *Ekon. i tekhn. fiz. i inzh. nauk* 10 no. 2:34-39 Apr '68.
- Solution of informational problems of a first type by the "Ural-4" computer. V. P. Cherenin, V. V. Pechenkin, M. S. Il'inskiy. *Kibernetika* no. 2:93-99 Mar-Apr '68.
- Stability of probability automata. H. S. Kodakorev. *Kibernetika* no. 2:24-30 Mar-Apr '68.
- Statistics, people, machines. Sh. I. Anyashev. *Ekon. i zhizn* 10 no. 3:73-74 Mar '68.
- Stolbush, Karl. [The automation and man. Facts and hypotheses in cybernetics. Translated from the German] Avtomatizatsiya kibernetiki. Moscow, "Sov. radio," 1967. 493 p.
- Study of processes in the elements of information. V. I. Orukhan. *Vest. AN BSSR, Ser. fiz. i inzh. nauk* no. 1:128-130 '68.
- Theory of probability automata. H. G. Nukhariev. *Kibernetika* no. 2:6-23 Mar-Apr '68.
- Training an operator. A. Dolokopytov. *Tekh. i vuzov. zap.* 28 no. 4:44-45 Apr '68.
- Use of a slapping register in some cognitive systems. V. M. Kirpichnikov, A. F. Gorshkov, M. N. Sjunov. *Izv. vuzov, zap. vuzov. shkoly: Ucheb. zadaniya i 3:11-103 '68.*

519.9 (Continued)

Use of information theory and linear programming for the determination of the optimal composition of symposiums. V. A. Ovsiannikov. Trudy VNIIMIO no. 1:149-153 '66.

Wilson, J. G., and Marianne E. Wilson. [Information, computers, and system design. Translated from the English] Informatsiya, vychislitel'nyye mashiny i proektirovaniye sistem. Moskva, "Mir," 1968. 415 p.

519.3 Calculus of variations. Functional analysis

Approximation of functions at infinite intervals by asymptotic polynomials of the second kind. I. I. Eferman. Izv. vuz. uch. zaved. mat. no. 5:97-101 My '68.

Convergence of linear positive functionals. I. A. Bakhtin. Sib. mat. zhur. 9 no. 3:476-484 My-Je '68.

Convergence conditions for a sequence of linear functionals at discontinuity points. R. I. Andronova. Uch. zap. Kal. gos. ped. inst. 61 no. 1:32-36 '68.

Convergence conditions of Gaborik-type methods for nonlinear equations with potential operators. N. V. Malov. Uch. zap. Kal. gos. univ. no. 30:110-120 '68.

Locality in problems of the calculus of variations. A. D. Ljule. V. M. Tikhonin. Dokl. AN SSSR 180 no. 4:761-762 Je '68.

Generalization of a variational problem. N. V. Malov. Uch. zap. Kal. gos. univ. no. 30:113-117 '68.

On spaces of constructive infinitely differentiable functions and functionals contained in them. P. N. Dzh. Dokl. AN SSSR 180 no. 4:769-772 Je '68.

On the geometrical theory of Carathéodory transformations in a singular angular variational problem for an integral of multiplicatively (in H). N. I. Kabanov. Trudy Sem. gos. univ. no. 14:174-180 '68.

Representation of operators with the aid of functionals. A. A. Berezin. Trudy Mosk. mat. ob-va 17:117-120 '67.

Weighing calculus formulae. V. I. Polovinkin. Dokl. AN SSSR 179 no. 3:542-544 Mr '68.

519.4 Theory of groups

Algebras of linear and projective representations of the Lie groups. G. G. Gorchonov. Ukr. geom. zhur. no. 4:13-19 '67.

Algebraic theory of coordinate algebras. Part 2. V. V. Vagler. Trudy Sem. gos. univ. no. 14:220-281 '68.

Analysis of irreducibility in a class of elementary representations of a semisimple complex Lie group. B. P. Zhelokovskiy. Izv. AN SSSR. Ser. mat. 32 no. 1:168-173 Ja-P '68.

Commutative semigroups in a space of lower triangular matrices and analytic continuation of Taylor's series. A. A. Melentev. Mat. zap. Ural. mat. ob-va URGU 5 no. 4:82-75 '68.

Criteria of nonisomorphism of groups. P. K. Shupakov. Uch. zap. Kal. gos. ped. inst. 61 no. 1:104-108 '68.

Derivation of inverse isomorphism of semigroups. B. P. Kochin. Vost. LGU 23 no. 7:41-50 Ap '68.

Factorization of finite groups. Part 2. S. P. Azidaki. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:31-34 '68.

Finite approximation of commutative semigroups. A. M. Leshchinskaya. E. A. Golubov. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:82-90 '68.

Free 2-tuples of multiplicative bodies. I. S. Ivanov. Trudy Mosk. mat. ob-va 17:3-44 '67.

Fundamental problems in the theory of projection of semisimple groups. Part 2. L. N. Shvritin. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:107-122 '68.

General norm of Jordanian algebras and geometry of certain transformation groups. I. I. Kantor. Trudy Sem. gos. univ. no. 14:134-143 '68.

Groups of principal units of completely branching extensions of a regular local field. V. D. Loev. Uch. zap. Kal. gos. univ. no. 30:66-71 '68.

Groups close to primitive groups. (U. I. Vasil'ev, A. N. Fomin. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:35-39 '68.

Groups with a relative standard basis. L. A. Bekut. Sib. mat. zhur. 9 no. 3:480-521 My-Je '68.

Harmonic functions on GL(2). A. N. Dorogovskiy. Trudy Sem. gos. univ. no. 14:282-324 '68.

Homomorphisms of Abelian semigroups. I. G. Manukhants. Uch. zap. Kal. gos. univ. no. 30:127 '68.

Infinitesimal periodic groups. Part 1. P. S. Movchuk, S. I. Adjan. Izv. AN SSSR. Ser. mat. 32 no. 1:212-244 Ja-P '68.

Invariant coverings of subgroups. V. T. Nagrabetskii. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:91-100 '68.

Irreducible representations of an infinite direct product of finite groups. S. D. Bermon, V. V. Sharala. Sib. mat. zhur. 9 no. 3:485-489 My-Je '68.

Metamorphisms of groups. G. M. Romalis, N. F. Sosokin. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:101-106 '68.

Multiplications of completely decomposable groups of finite rank. I. G. Manukhants. Uch. zap. Kal. gos. univ. no. 30:122-123 '68.

Multiplications on a direct sum of Abelian semigroups. I. G. Manukhants. Uch. zap. Kal. gos. univ. no. 30:124 '68.

Multiplications on groups of the first rank. L. G. Manukhants. Uch. zap. Kal. gos. univ. no. 30:125-126 '68.

Multiplicative operator functions of a metric automorphism. A. D. Katok, Ch. Polash. Usp. mat. nauk. 23 no. 3:179-180 My-Je '68.

Notes on triangular linear groups. A. E. Zaleskii. Vest. AN BSSR. Ser. fiz.-mat. nav. no. 2:128-131 '68.

On a theorem of K. Noether. V. D. Loev. Uch. zap. Kal. gos. univ. no. 30:82-85 '68.

p-Groups, all Abelian noncyclic subgroups of which are invariant. P. M. Lyman. Dop. AN URSS. Ser. A 30 no. 8:593-599 Ap '68.

Periodic normal divisors of the multiplicative group of a group ring. A. A. Boudi. Sib. mat. zhur. 9 no. 3:493-496 My-Je '68.

Poincaré polynomials of compact homogeneous Riemann spaces with an irreducible stationary group. Doan. Kula. Trudy Sem. gos. univ. no. 14:33-39 '68.

Projective representations of finite groups over rings. P. M. Imitov, L. F. Baranyan. Dop. AN URSS. Ser. A 30 no. 4:294-297 Ap '68.

Properties of a finite group linked with the highest prime divisor of its order. A. V. Romanovskii. Vest. AN BSSR. Ser. fiz.-mat. nav. no. 2:132-134 '68.

A property of Abelian with a finite number of generators. M. L. Borukhin. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:31-34 '68.

Representations of a cyclic group by groups of automorphisms of a class of modules. V. S. Drozhdenko, V. P. Rud'ko. Dop. AN URSS. Ser. A 30 no. 4:302-304 Ap '68.

Semisimple groups. B. I. Plotkin. Sib. mat. zhur. 9 no. 3:623-631 My-Je '68.

Simple subgroups of singly connected simple real Lie groups. I. I. Shtern. Trudy Sem. gos. univ. no. 14:31-39 '68.

Solvable groups. L. A. Polshakov. Vest. AN BSSR. Ser. fiz.-mat. nav. no. 2:43-46 '68.

Some equivalent classes of semigroups. F. G. Kantorovich, L. A. Prutkin. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:60-74 '68.

Some tactical-theoretical problems in the theory of groups. L. E. Sadovskii. Usp. mat. nauk. 23 no. 3:153-157 My-Je '68.

Some properties of a linear semigroup in an R -group without torsion. A. D. Kotman. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:56-59 '68.

Some types of products of ordered groups. V. M. Kopylov. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:75-81 '68.

Standard subgroups. S. G. Ivanov. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:49-55 '68.

Theorems on embedding subgroups in a finite group. R. P. Ignat'eva. Uch. zap. Kal. gos. univ. no. 30:31-43 '68.

519.47 Calculus of operations

Malyuzhko, V. S. [Calculus of operations] Operatsionnoe ischisleniye. Izd. 2-c, pererabot. Kiev, Izd. Kievskogo un-va, 1968. 198 p.

519.48 Algebraic fields, rings, ideals

Idempotent rings of finite matrices. Z. S. Lipin. Sib. mat. zhur. 9 no. 3:720-722 My-Je '68.

Characteristics of maximal ideals in normal subrings of a ring of continuous functions. G. I. Ivanova. Uch. zap. Nov. gos. ped. inst. 7:20-30 '68.

An elimination in the theory of normal rings. I. N. Kuz'min. Sib. mat. zhur. 9 no. 3:727-728 My-Je '68.

Existence of the Brown-Kaczkowski radical in Lie algebras. A. A. Andrushevich, I. M. Rabinovich. Dokl. AN SSSR 179 no. 3:503-505 Mr '68.

Idempotents of modules. I. M. Rudyk. Dokl. AN SSSR 179 no. 3:515-517 Mr '68.

Field algebras in a cubic field. I. A. Sargosov. Uch. zap. Kal. gos. univ. no. 30:201-202 '68.

Ideals in generalized semirings of rings of continuous functions. G. I. Ivanova. Uch. zap. Nov. gos. ped. inst. 7:27-29 '68.

Linear form in the logarithms of algebraic numbers. N. I. Pol'dunov. Usp. mat. nauk. 23 no. 3:185-186 My-Je '68.

Maximal Abelian subrings in an approximately finite factor. G. P. Murav'eva. Sib. mat. zhur. 9 no. 3:614-622 My-Je '68.

Mixed Hamiltonian nil-rings. V. I. Andrianov. Mat. zap. Ural. mat. ob-va URGU 5 no. 3:15-30 '68.

Notes on lattice-ordered algebras and their ideals. G. I. Domarsheva. Uch. zap. Nov. gos. ped. inst. 7:3-16 '68.

On infinite-dimensional simple graded Lie algebras. I. I. Kantor. Dokl. AN SSSR 179 no. 3:534-537 Mr '68.

Rings without nilpotent elements and perfectly simple ideals. V. A. Andrushevich, I. M. Rabinovich. Dokl. AN SSSR 180 no. 1:8-11 My-Je '68.

Structure of the body of relations of the enveloping algebra of a semisimple Lie algebra. I. M. Gel'fand, A. A. Kirillov. Dokl. AN SSSR 180 no. 4:775-778 Je '68.

519.5 Theory of sets

Contribution to the method of penalty functions. V. V. Ivanov, V. E. Truten'. Kibernetika no. 2:67-68 Mr-Apr '68.

Interpolation on denumerable sets with one accumulation point. M. V. Tikhonov. Uch. zap. Kal. gos. ped. inst. 61 no. 1:155-167 '68.

Minimality of a linear form over a set of complete cycles of a symmetric group S_n . V. S. Aizenthal, D. N. Kravtsov. Kibernetika no. 2:64-68 Mr-Apr '68.

Radon-Kieckshof's theorem and the representation of vector measures by an integral. V. I. Ilyakov. Dokl. AN SSSR 180 no. 2:282-285 Mr '68.

Some topological properties of a set of extremal points of a Hooke set. V. I. Andreev. Uch. zap. Kal. gos. ped. inst. 61 no. 1:3-11 '68.

62 ASTRONOMY. SURVEYING. GEODESY

Popov, P. L., B. A. Vorontsov-Vel'iaminov, and R. V. Kuntzskii. [Astronomy] Astronomiya. Izd. 6-a, pererabot. Pod red. R. V. Kuntzskogo. Moskva, "Prosvetshchenie," 1967. 405 p.

621 Theoretical astronomy

Convergence of successive approximations to the solution of a system of equations containing one quick variable. K. V. Kholodavnikov. Vest. LGU 23 no. 7:126-140 Ap '68.

Intermediate orbits of the Mars satellites. S. N. Vashkov'shch. Vest. Mosk. univ. Ser. 3. Fiz.-mat. nauch. 23 no. 3:35-44 My-Je '68.

Motion in the vicinity of triangular Lagrangian solutions of the restricted elliptical problem of three bodies. L. G. I. Ljapunov. Vest. Mosk. univ. Ser. 3. Fiz.-mat. nauch. 23 no. 2:82-98 Mr-Apr '68.

Precise calculation of the artificial lunar satellite motion taking into account the pressure of the solar and lunar electromagnetic radiation. S. I. Kirpichnikov. Astron. zhur. 45 no. 3:676-685 '68.

Secular variations of geographical coordinates. A. A. Mikhailov. Astron. zhur. 45 no. 3:473-477 '68.

Stability according to Hill in the unbounded problem of three bodies. V. G. Golubev. Dokl. AN SSSR 180 no. 2:308-311 My '68.

622 Practical astronomy

Measuring and calculation of Stokes instrumental vector. M. M. Pospelovskii. Astron. zhur. 45 no. 3:645-657 '68.

[The modern telescope] Sovremenniy teleskop. Moskva, "Nauka," 1968. 320 p.

Phase photoelectric devices for registration of moments of star transits. V. E. Brandt. Astron. zhur. 45 no. 3:660-690 '68.

Radio astronomical observations of the solar eclipse of May 29, 1968, at the wavelengths 0.8, 1.6, 3.3, and 10 cm. G. I. Arshinkskii and others. Vest. LGU 23 no. 7:141-144 Ap '68.

Radioastronomical studies of the inhomogeneous structure of a plasma in the neighborhood of the sun. N. A. Lofova. Izv. fiz. nauk 65 no. 2:293-312 '68.

623 Descriptive astronomy

Underground waters of the planet Mars. G. N. Kallerfeld, P. M. Frolov. Izv. Vses. geog. ob-va 100 no. 2:123-125 '68.

623.03 Astrophysics

Anisotropic scattering of light in semi-infinite atmospheres. Part 2. V. V. Sobolev. Astron. zhur. 45 no. 3:520-537 '68.

Possible structure of wide emission lines in quasar spectra. B. V. Komberg. Astron. zhur. 45 no. 3:564-568 '68.

Widening of hydrogen spectral lines by plasma electrons. A. A. Minaeva. Astron. zhur. 45 no. 3:578-584 '68.

623.07 Astrobiology

Criteria of the possible existence of active life on planets nearest to the earth. S. I. Aksenov. Nauch. dokl. vuz. shkoly; biol. nauk 11 no. 7:5-20 '68.

623.1 Universe and its structure. Cosmology. Space

Magnetic waves with magnetic fields in a cosmic plasma. M. A. Ginzburg. Astron. zhur. 45 no. 3:610-615 '68.

Questions of the theory of the Universe. G. S. Manavskiy-Kogon, B. V. Komberg. Priroda no. 6:2-23 '68.

Radiation measurements in space. L. S. Gorn, B. I. Kuznetsov. Usp. fiz. nauk 65 no. 2:363-361 '68.

Soviet cosmic system for television transmissions. Tekhn. kino i telev. 12 no. 1:7-8 Ja '68.

623.16 Various cosmic phenomena: dust, rays, etc.

Absorption of the nuclear-active component of cosmic rays in lead and aluminum. N. Kh. Boslandzhian and others. Dokl. AN Arm. SSR 45 no. 5:200-204 '67.

Allowing for the diffuse scattering when determining the reflection factor of planet surfaces from the data of radar observations. I. U. N. Alekseyenko, O. N. Izhigova. Astron. zhur. 45 no. 3:616-621 '68.

Artificial V. S., V. V. Vitkevich, and R. D. Dargkesmanekii. [Spectra of radio sources in the one-meter wave band] Spektry radioisotchnikov v metrovom diapazone voln. Moskva, 1966. 36 p.

[MICROFILM]

Cosmic spherules in Lower Permian soil sediments. A. V. Ivanov, K. P. Florinskii. Geokhimiya no. 4:483-485 Ap '68.

Cosmophysical trail in the study of cosmic rays (International Summer School). I. I. Dornan, I. I. Mitroshin, et al. Geofiz. zhur. no. 10:81-86 '68.

Expected anisotropy of the cosmic radio-frequency radiation in homogeneous anisotropic media. I. D. Novikov. Astron. zhur. 45 no. 3:539-540 '68.

Longitudinal dependence of the polarization degree of the Ural III solar radio bursts. V. V. Fomichev, I. M. Chertok. Astron. zhur. 45 no. 3:601-605 '68.

Murzin, V. S., and I. I. Sarycheva. [Cosmic rays and their interaction] Kosmicheskie luchi i ikh vzaimodeystviya. Moskva, Atomizdat, 1968. 301 p.

Position of the source of small angular dimensions in the Crab nebula. L. I. Matvienko. Astron. zhur. 45 no. 3:685-687 '68.

Radio-frequency radiation of sources on the sun at $\lambda = 1.8$ cm. related to sunspots and flares. A. S. Grebelskii, I. V. Man'kin, I. V. Ivanov. Astron. zhur. 45 no. 3:597-600 '68.

Radioactivity of galaxies and related problems. G. B. Sholomitskii. Astron. zhur. 45 no. 3:478-484 '68.

Rapidly pulsating radio source. A. Hewish and others. Priroda no. 6:78-80 '68.

Region of reduced brightness of the radio-frequency line $\lambda = 21$ cm near the W 40 radio source. I. V. Goshchinskii, N. V. Bystronova. Astron. zhur. 45 no. 3:691-693 '68.

- 531.15 Theory of 2D or 3D component free quantized spinor fields. I. S. Kikladze. Dokl. AN SSSR 180 no. 4, 624-627 Apr '68.
- 531.16 Variation principle in quantum kinetics. N. R. Stegailin. Dokl. AN SSSR 180 no. 1-4: 51 May-Je '68.
- 531.17 A resonance on nonequilibrium carriers in semiconductors. G. N. Galkin and others. Fiz. i teo. zhur. eksp. i teor. fiz. 7 no. 5:113-116 Apr '68.
- 531.18 Quantum characteristics in quantum electrodynamics and the perturbation theory. M. A. Braun. Zhur. eksp. i teor. fiz. 54 no. 4:1220-1227 Apr '68.
- 531.19 Problem involving the screening and antiscreening of a crystalline field for d z envelopes of rare-earth ions. A. G. Medvedev, V. S. Kornilov. Vestn. AN BSSR. Ser. fiz. i nat. nav. no. 2:88-94 '68.
- 531.20 Spin-spin interaction in a linear chain of orthohydrogen molecules. V. S. Litvinov. Vest. LGU 23 no. 10:29-34 May '68.
- 531.21 Quadrupole radiation of elementary particles. K. P. Stanukovich. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 7:117-123 Mr-Apr '68.
- 531.22 Quantum processes in a constant and uniform electric field. N. B. Nazarov. Zhur. eksp. i teor. fiz. 54 no. 2:676-688 F '68.
- 531.23 Quantum formalism in the theory of a strong crystal field. D. P. Anisimov, M. P. Smirnov. Dokl. AN SSSR, 180 no. 4:613-616 Je '68.
- 531.24 Effective self-polarization of the electron spin when moving along the spiral in a magnetic field. A. A. Gerasimov and others. Izv. vuz. uchob. zav. fiz. 11 no. 5:13-18 '68.
- 531.25 Representation of operators with the aid of functionals. E. P. Perevin. Trudy Mosk. un. obsh. 17:117-119 '67.
- 531.26 Respublikanskii seminar po konformnoi elektronike, Kiev. [Quantum electronics. Translations of the Ukrainian seminar.] Kirovskaya elektronika. Trudy Respublikanskogo seminar. Kiev. Vyp. 2. 1967. 354 p.
- 531.27 Table of bound states in many-photon ionization of atoms. G. A. Delone, N. B. Delone. Zhur. eksp. i teor. fiz. 54 no. 4:1067-1068 Apr '68.
- 531.28 Single-particle states in a simple model of the quantum field theory. V. H. Coutev, V. A. Savko. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:113-114 Mr-Apr '68.
- 531.29 Single-photon production of the electron-positron pair in a magnetic field. V. G. Bogomolov, I. N. Korovin, B. V. Kladomai. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:126-128 Mr-Apr '68.
- 531.30 Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorine, fluorine, and some of their derivatives. Part 2: Quantum mechanical calculation of the electron structure and spectra of fluorine, fluorine, and some of their derivatives. V. I. Danilova, O. K. Huxyl. Izv. vuz. uchob. zav. fiz. 11 no. 5:114-121 '68.
- 531.31 Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorine, fluorine, and some of their derivatives. Part 3: Quantum mechanical calculation of the electron structure of the fluorine derivatives of fluorine and fluorine. V. I. Danilova, O. K. Huxyl. Izv. vuz. uchob. zav. fiz. 11 no. 5:114-121 '68.
- 531.32 Studying the excitation energy transfer of Er^{3+} - Ho^{3+} in CaF_2 crystals. I. U. K. Voronko and others. Zhur. eksp. i teor. fiz. 54 no. 2:367-373 F '68.
- 531.33 Similarity principle. Analogies
- 531.34 Self-similarity of statistically determined phenomena. G. V. Venkov. Izv. AN SSSR. Fiz. i tekhn. no. 1: 125-141 Jan-F '68.
- 531.35 Mechanics
- 531.36 Israel's theory of a point of variable mass with constant relative velocities of thrust-back and adjoining particles. A. I. Ivanov. Dop. AN BSSR, Ser. 30 no. 10:683-686 Ag '68.
- 531.37 Kobakova, V. K. [Methods for solving problems in physics.] Metodika resheniya zadach po fizike. Leningrad, Izd. Leningr. un-va. Ch. I. [Mechanics.] Mekhanika. 1968. 167 p.
- 531.38 Motion of a three-wheeled cartilage and a handcart stopped on two sides. V. K. Polina. Vest. LGU 23 no. 7:11-12 Apr '68.
- 531.39 Quasi-stationary interpretation of the behavior of a viscoelastic system when in nonsteady-state viscoelastic vibration. V. B. Levin. Dop. AN BSSR, Ser. 30 no. 4:330-332 Apr '68.
- 531.40 Valberg, D. V., and V. Z. Zhdanov. [Matrix algorithms in the theory of shells of revolution.] Matritsnyy algoritmy v teorii obolochek vrashcheniya. Kiev, Izd. Kievskogo un-va, 1967. 164 p.
- 531.41 Zhdanov, L. S., and V. A. Merandzhian. [Physics course. For secondary technical schools.] Kurs fiziki. Dva sred. spets. ucheb. zavedeniia. Izd. 2-o, sfereotip. Moskva, "Nauka." Ch. I. [Mechanics and molecular physics.] Mekhanika i molekulyarnaya fizika. 1968. 463 p.
- 531.42 Statics and graphical statics
- 531.43 A system for the construction of nomographs for determining inertia moments for bodies of revolution and rigidity of shafts. V. A. Ivanov, R. K. Vafin, V. P. Smirnov. Vest. mashinost. 40 no. 5:30 My '68.
- 531.44 Dynamics. Kinetics
- 531.45 Finding the first integral of invariable navigation equations. V. N. Kalynovych. Dop. AN BSSR, Ser. 30 no. 8:749-751 Apr '68.
- 531.46 Linear systems, A, and others. [Dynamics of nonstationary systems.] Dinamika nestatsionarnykh lineynykh sistem. Moskva, "Nauka," 1987. 387 p.
- 531.47 Rate of oxygen absorption by the reacting persulfate-diethylamine-ethanol system in aqueous solutions. N. M. Belletina, T. T. Gakstano, O. A. Chalykhin, Arm. khim. zhur. 21 no. 3:218-224 '68.
- 531.48 Stability of motion of a mechanical system. A. I. Ogarev. Zap. zap. Ural. nat. obsh. URU. 5 no. 4:87-90 '67.
- 531.49 Work. Friction
- 531.50 Antifriction properties of ceramic-metal piston rings. Report No. 1. I. M. Fedorchenko, B. I. Chalka, E. T. Mazykina. Porosh. mot. 8 no. 5:76-86 My '68.
- 531.51 Characteristics of the exoelectron emission at the friction of metals. V. D. Fedkinov. Izv. vuz. uchob. zav. fiz. 11 no. 4:23-26 '68.
- 531.52 Dependence of the outer friction ratio on the interrelation of the molecular volume of the lubricant and the molecular volume of metal. A. A. Dyachenko. Trudy OANIT. 2: 55-59 '65.
- 531.53 Experimental determination of friction coefficients of some friction materials. L. P. Pavlov. Trudy LKH no. 6:83-96 '67.
- 531.54 Friction in liquid-filled antifriction bearings. G. N. Dolgushenko, A. M. Ivanushkin, L. A. Kamyshov. Vest. mashinost. 48 no. 5:16-20 My '68.
- 531.55 Rubber supports with antifriction inserts made of teflon. G. S. Skala, G. A. Pasyak, L. V. Yakovleva. Transp. stroit. no. 5:48-49 Apr '68.
- 531.56 Study of the effect of the form of microirregularities of rubbing surfaces on friction forces. A. N. Kravtsov. Izv. vuz. uchob. zav. i prib. 11 no. 1:121-127 '68.
- 531.57 Gravitation. Ballistics
- 531.58 A characteristic of gravitational fields of zero scalar curvature which permit of a group of motions. V. I. Semenov. Ukr. geom. zb. no. 3:20-21 '67.
- 531.59 Kinetic and energy flux of Einstein-Rosen's cylindrical gravitational waves. V. I. Denisov. Ukr. geom. zb. no. 4:22-27 '67.
- 531.60 Possibility of verifying the principle of equivalence for atomic phenomena in the second and higher orders according to the Newtonian gravitational constant. G. N. Zhukla. Fiz. i teo. zhur. eksp. i teor. fiz. 7 no. 12: 48-51 Je '68.
- 531.61 Quadrupole radiation of elementary particles. K. P. Stanukovich. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 7:117-123 Mr-Apr '68.
- 531.62 Mechanical energy. Conservation. Impact
- 531.63 Determining the electric relaxation under impact loading. R. M. Zaidel. Zhur. eksp. i teor. fiz. 54 no. 4:1233-1239 Apr '68.
- 531.64 Geometrical, mechanical magnitude measurements, etc.
- 531.65 Adaptor for determining particle sizes. A. G. Medvedev, V. V. Il'inskiy. Zav. lab. 34 no. 3:172 '68.
- 531.66 Equipment for measuring the thickness of gaseous films. V. D. Morozov, D. N. Balov. Gor. zhur. 113 no. 4: 73 Apr '68.
- 531.67 Frequencies of self-oscillations of a pressure measuring system. L. M. Tarako. Trub. i sist. upr. no. 12:22-23 D '67.
- 531.68 [The "Kritall" geodimeter. Description and operational instructions.] Geodimetro "Kritall." [Quadrant instrument for geodetic work.] Moskva, 1967. 48 p.
- 531.69 Methods for measuring thin coatings; review. L. S. Palatnik and others. Zav. lab. 34 no. 3:208-209 '68.
- 531.70 New foreign instruments for checking smoothness and rectilinear. A. N. Avdeyev, A. N. Tolstokhin. Sten. i inzh. 39 no. 5:33-35 My '68.
- 531.71 New instruments for measuring and controlling dimensions and shape of parts in heavy machinery construction. V. A. Tronov. Vest. mashinost. 48 no. 5:38-41 My '68.
- 531.72 Remote control transmitter of displacements. L. S. Gellin. Sudostroitel. 56 no. 3:63-65 Mr '68.
- 531.73 Some ways of optimization of the visual activity of the operator. A. A. Milutin. Stand. i inzh. 31 no. 12: 32-35 D '67.
- 531.74 Stand for conditioning differential pressure gauges with cyclic change in the input parameters. V. P. Dandilchenko, A. A. Zimkovskii. Prib. i sist. upr. no. 1:57-58 Je '68.
- 532 Fluid mechanics. Hydrodynamics
- 532.1 Acoustic pressure in a liquid filling a cylindrical shell situated in a liquid flow along the generator line. V. M. Boshchereko, P. P. Iegorova. Dop. AN BSSR, Ser. 30 no. 8:760-763 Ag '68.
- 532.2 Approximate method of estimating the flow of an incompressible fluid through pressure controls of constant cross-section. A. M. Shvelinshteyn. Izv. VNIIG 79:201-216 '65.
- 532.3 Approximate solution of the problem of nonstationary flow of a viscous fluid in a circular cylindrical pipe. T. R. El'darov. Izv. vuz. uchob. zav. i prib. 11 no. 1:21-25 '68.
- 532.4 Calculating the parameters of vortex discharges. V. N. Sosulnikov, E. S. Trekhov, I. U. K. Khoshov. Teplofiz. vye. temp. 6 no. 3:571-573 My-Je '68.
- 532.5 Calculation of flow separation from the side wall under conditions of its designed sudden expansion. E. A. Shakhrova. Izv. VNIIG 79:217-225 '68.
- 532.6 Calculation of friction forces and leveling pressures in the zone of great heat capacity. A. L. Shvarts, V. A. Loshak, S. G. Duplova. Teploenergetika 18 no. 3:81-85 Mr '68.
- 532.7 Calculation of the actual density of alcohol-containing syrups and beverages. A. G. Knyazkov, A. P. Astin.

532 (Continued)

- Study of the hydrodynamics of a plate with two zones of laminar phase. K. G. Zverev and others. *Kinet. i tekhn. i tekh. fiz.* 13 no. 4:47-59 '68.
- Studying hydrodynamic characteristics at the boundaries of a water stream with free overflow spillway. *Gidrot. i stroit.* 37 no. 1:32-37 Ja '67.
- Studying pressure changes in a bubble-point viscoplastic medium in a closed system. R. S. Gurlanov, R. N. Makhmudov. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 1:63-66 '68.
- Studying regularities of changes in the porosity and permeability of pools in the types IV and V horizons of the Ashynskoye-Bogodny field. O. K. Gushkov. *Nauch.-tekhn. sbor. po dol. nef' i gaz* 33:31-39 '68.
- Studying the discharge pattern of streams from distributing pipe outlets. A. I. Fygorov. *Trudy VODGEO* no. 16:63-66 '67.
- Studying the flow in a bell-type draft tube of a hydro-turbine. A. D. Ilyayev, A. N. Karsanov. *Gidrot. i stroit.* 38 no. 5:12-14 My '68.
- Studying the flow of fluidized material through an annular baffle. V. A. Stankevich and others. *Khimi. prom.* 44 no. B-21:25 Je '68.
- Studying the molecular diffusion of fluids in a porous medium. V. G. Ogardzhonians, P. B. Sedukhin. *Nauch.-tekhn. sbor. po dol. nef' i gaz* 33:39-43 '68.
- Technique for simultaneous determination of the solubility and parameters of diffusion of gases in metals. V. M. Khokhlov, L. L. Kunin. *Zhur. fiz. khim.* 42 no. 3:805-807 Mr '68.
- Temperature dependence of isothermal compressibility of liquids. P. I. Anisimov, V. I. Ilyukov. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 1:60-61 '68.
- Theory of steady waves of finite amplitude induced by pressure periodically distributed on the surface of a flow of heavy fluid of infinite depth. L. I. Sekerzh-Zenkovič. *Dokl. AN SSSR* 180 no. 2:104-107 My '68.
- Turbulent pulsations in a viscous sublayer. V. M. Isakher. *Dokl. AN SSSR* 180 no. 2:305-308 My '68.
- Use of comparative calculation method in a study of diffusion in semiconductors. V. A. Panichev, E. I. Askelina. *Zhur. fiz. khim.* 42 no. 4:892-894 Ap '68.
- Using maps of average flows for calculating the flooding process and oil recovery. V. S. Kuznetsov, O. T. Sorokin. *Nauch.-tekhn. sbor. po dol. nef' i gaz* 33:63-67 '68.
- Vibrations of elastic cylindrical bars in a fluid. P. P. Kuf'mach. *Izv. VNIIG* 72:90-93 '65.
- Viscosity activation energy changes in melts of some metals. L. I. Cherenkov. *Zhur. fiz. khim.* 42 no. 4:821-829 Ap '68.
- Viscosity of ordinary water and heavy water at high pressures in the temperature range 0°-150°. N. A. Agayev, A. D. Vashkov. *Dokl. AN SSSR* 180 no. 2:334-337 My '68.
- Viscosity of some suspensions. M. P. Iliot, V. I. Ilyukov. *Nauch.-tekhn. sbor. po dol. nef' i gaz* 33:63-67 '68.
- Water hammer in a water pipe with an air chamber. I. B. Zubov. *Trudy VODGEO* no. 8:36-41 '64.
- 632.13 Internal friction. Fluidity. Viscosity**
- Attachment for an RV-8 rotary viscometer. R. G. Shkondier. *Zav. lab.* 34 no. 3:371 '68.
- Automatic viscometer for determining the viscosity of cross-linked liquids. I. P. Ponomarev, V. I. Ponomarev. *Izv. VNIIG* 72:90-93 '65.
- Automation of glass viscosity measurements. V. I. U. Gorkhina, O. Kh. Khatun. *Zav. lab.* 34 no. 3:313 '68.
- Experience in determining viscosities of reservoir fluids by the methodology of the URSR-1 viscometer. I. I. Filina. *Nauch.-tekhn. sbor. po dol. nef' i gaz* 33:63-67 '68.
- Heat transfer in the turbulent flow of liquids with variable viscosity. I. U. P. Shitykov, A. D. Leonardi. *Teplotiz. vyz. temp.* 6 no. 3:457-473 My '68.
- Isobaric laminar movement of a continuous medium in a circular pipe. P. K. Konakov. *Trudy MIIT* no. 254:85-86 '67.
- Isobaric laminar movement of an incompressible viscous medium in the intake and of a ring-type channel. I. N. Minakov. *Trudy MIIT* no. 254:100-123 '67.
- Nonisobaric laminar movement of an incompressible viscous medium in the intake of a ring-type channel. I. N. Minakov. *Trudy MIIT* no. 254:124-139 '67.
- Relationship between rheological indices of reinforced concrete elements and the temperature and humidity. O. I. Kvitarkidze, L. O. Gvetslani. *Dokl. i zhet. bot.* 14 no. 3:25-27 Mr '68.
- Study of the mechanical characteristics of metal by a wire strain gauge. A. Gorkstov and others. *Miss. ind. SSSR* 38 no. 3:29-211 Mr '68.
- Study of the viscosity of a solution of chlorinated polyvinyl chloride graft copolymers with some vinyl monomers obtained by radiation method. S. A. Tashmukhamedov and others. *Nauch. trudy TashGU* no. 354:112-116 '67.
- Uniaxial constant rate tension of highly elastic liquids and low molecular polyisobutylene. I. V. Raduskevich, V. D. Filikina, I. V. Vinogradov. *Dokl. AN SSSR* 180 no. 2:404-407 My '68.
- Viscosity of liquid alkali metals of potassium, sodium, and lithium at high temperatures (up to 1500°C). N. A. Kalakutskaya. *Teplotiz. vyz. temp.* 6 no. 3:455-460 My '68.
- Viscosity of metaxylene depending on the temperature and pressure (275°C. and 400 bar). Sh. M. Ismail-Zade, A. D. Talov. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 1:34-35 '68.
- 532.89 Wave motion. Waves**
- Upper limit of the velocity of propagation of nonlinear settled waves. V. M. Elcoshkili, I. G. Oganes'ants. *Zhur. eksp. i teor. fiz.* 54 no. 2:536-541 F '68.
- 532.6 Surface phenomena. Capillarity**
- Anisotropy of the shearing stress for muscovites and the effect of its surface condition. M. S. Metak, M. A. Ketaev. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 4:148-151 '68.
- Distribution functions in surface layers. Part I. Asymptotic theory of surface layers of liquids. F. M. Kiri, A. I. Ilyukov. *Zhur. fiz. khim.* 42 no. 4:849-855 Ap '68.
- Effect of the characteristics of the electron structure of elements on their surface properties. G. V. Samsonov, A. D. Panashuk, I. K. Kozina. *Porosh. mel.* 8 no. 5:36-45 My '68.
- Evaporation anomalies in phase conversions in condensed systems. I. A. Priselkov and others. *Zhur. fiz. khim.* 42 no. 3:772-774 Mr '68.
- Experimental study of the effect of gas on the formation of water-oil emulsions. I. M. Murav'ev, G. Z. Bragimov. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 4:40-52 '68.
- Kinetic theory of the absorption of the fourth sound. I. N. Adamenko, M. I. Kaganov. *Zhur. eksp. i teor. fiz.* 54 no. 2:883-886 F '68.
- Polydispersion of the density and surface energy of liquid aluminum. E. S. Levin, G. D. Alshina, P. V. Gellid. *Teplotiz. vyz. temp.* 6 no. 3:432-435 My '68.
- Studying the effect of electroosmosis on the kinetics of capillary rise and distribution of moisture in quartz powder diaphragms. O. M. Grigorov, E. V. Grishanova, L. M. Kalizhina. *Zhur. fiz. khim.* 41 no. 3:557-562 Mr '68.
- Surface properties of liquid lubricants. V. M. Martynov, A. A. Kuznetsov. *Nefteprom. i neftekhim.* no. 7:16-20 '68.
- Surface tension of liquid alkali metals. I. D. Voljak, I. U. P. Shitykov. *Zhur. fiz. khim.* 42 no. 4:1003-1005 Ap '68.
- Surface tension of melts of esters of some binary and ternary nitrate systems. A. F. Elcoshkili, E. P. Topol'skaya, I. I. Prosenko. *Zhur. fiz. khim.* 42 no. 4:995-997 Ap '68.
- Use of analog computers in solving certain problems of the theory of stationary filtration with moving boundary. I. G. Belkin. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 4:77-81 '68.
- Use of the method of correlative functions in calculating surface characteristics of normal liquids. T. I. Antonenko. *Zhur. fiz. khim.* 42 no. 4:835-838 Ap '68.
- 533 Gas mechanics. Aeromechanics. Rarefied gases. Plasma. Magnetohydrodynamics**
- Additional losses in a frame-type magnetohydrodynamic channel. B. B. Volchek, E. I. Ivanovskii. *Izv. AN SSSR. Energ. i transp.* no. 1:142-147 Ja-F '68.
- Aerodynamics of the fibrous layer in relationship to the properties of the fiber. E. M. Bakayev. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 1:38-140 '68.
- Applicability limits of the condenser method of measuring the electric conductivity of a plasma. A. F. Alekseyev, A. A. Kuznetsov. *Vest. Mosk. un. Ser. 3. Fiz., matemat.* 24 no. 1:89-91 My-Je '68.
- Application of magnetohydrodynamic effects in electrolysis for modeling some transfer processes. I. Z. Gak, O. R. Iuk. *Zhur. tekhn. fiz.* 38 no. 5:931-934 My '68.
- Balance of energy in a capillary discharge with an evaporation wall. N. R. Oguzova, I. V. Podmoshenskii, V. M. Shchegolev. *Teplotiz. vyz. temp.* 6 no. 3:400-405 My-Je '68.
- Boundary value problems in linear plasma electrodynamics. I. U. P. Shitykov, D. P. Kostomarov. *Dokl. AN SSSR* 180 no. 1:45-47 My-Je '68.
- Calculation of a hypersonic gas flow past a thin axisymmetric body. I. I. Dzvyuk. *Dop. AN URSR. Ser. A* 30 no. 7:361-363 Ap '68.
- Calculation of the accuracy of manufacture of hygrometer capacitance transducers. N. B. Korylov. *Pril. i sist. upr.* no. 1:22-23 Ja '68.
- Calculation of the viscosity of compressed nonreactive gas mixtures at high temperatures. S. A. Ulybin. *Teplotiz. vyz. temp.* 6 no. 3:442-446 My-Je '68.
- Comparative estimate of the systems of mining flat seams of the Donets Basin according to gas factor. A. M. Karpov, O. S. Gerasimov, V. S. Iudin. *Ugol' Ukr.* 12 no. 5:40-43 My '68.
- Contribution of the interaction of three atoms to the equation on state of a nonideal dissociable gas. A. M. Sonnerov. *Teplotiz. vyz. temp.* 6 no. 3:421-428 My-Je '68.
- Critical aperture in the analysis of a plasma by the scattering method. L. N. Pivinskii, G. P. Khavtovich, V. V. Korobkin. *Pril. i sist. upr.* no. 1:22-23 Ja '68.
- Deformation of gas emanation from a working face with an exposed surface during various conditions of coal stopping machine movements. M. P. Koshelov and others. *Dop. AN URSR. Ser. A* 30 no. 4:368-372 Ap '68.
- Determining the absorption coefficients of a plasma using a gas laser. V. S. Burakov and others. *Teplotiz. vyz. temp.* 6 no. 3:513-517 My-Je '68.
- Determining the spatial distribution of a plasma density by means of phase measurements. E. P. Gorbunov. *IU. N. Dnestrovskii, D. P. Kostomarov. Zhur. tekhn. fiz.* 38 no. 5:812-817 My '68.
- Development of a discharge in the nanocylindrical Z-pinch. I. U. A. Koshelov. *Zhur. tekhn. fiz.* 38 no. 5:833-842 My '68.
- Dynamics of methane liberation from coal under different conditions of motion of stopping machines. M. P. Koshelov, I. U. A. Koshelov, A. S. Tsybul'nikov. *Dop. AN URSR. Ser. A* 30 no. 8:764-768 Ag '68.
- Effect of a superhigh-frequency field on the characteristics of a negative glow plasma of the glow discharge in helium. G. S. Solov'ov, A. I. Orlov, N. T. Gerasimov. *Zhur. tekhn. fiz.* 38 no. 5:803-806 My '68.
- Effect of dry friction on the stability of an airplane wing in the turbulent atmosphere. E. I. Kiselev, P. S. Landa. *Vest. Mosk. un. Ser. 3. Fiz., astronom.* 23 no. 3:37-34 My-Je '68.
- Effect of some parameters on variable aerodynamic forces acting on a turbine stage. A. S. Isakov, E. A. Solov'ov, V. S. Korotki. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 5:114-118 My '68.
- Effect of the electric field and of the energy dispersion law on plasma oscillations in semiconductors. I. M. Dykman, P. M. Tomchuk. *Zhur. eksp. i teor. fiz.* 54 no. 2:502-502 F '68.
- Electric arc source of a low temperature plasma. A. I. Bertinov and others. *Teplotiz. vyz. temp.* 6 no. 3:517-519 My-Je '68.
- Electron coefficients of viscosity of a nearly neutral plasma. F. I. Balmietov. *Zhur. tekhn. fiz.* 38 no. 5:806-808 '68.
- Electronic simulation of thin plate vibrations. I. B. Birich, V. I. Kamilov. *Vest. Mosk. un. Ser. 3. Fiz., astronom.* 23 no. 3:56-63 My-Je '68.
- Express method for obtaining the frequency characteristics of moist materials. E. S. Krivokhvil, E. P. Tontek. *Pril. i sist. upr.* no. 2:50-52 F '68.
- Flow of the Maxwell gas between two infinite parallel plates. I. I. Suetin, B. T. Porodkov, S. O. Kaban. *Izv. vyz. ucheb. zav., nef' i gaz* 11 no. 5:136-138 '68.
- Formation of a shock wave in the initial stage of a flow near the diaphragm in a shock tube. I. S. Shchegolev. *Vest. Mosk. un. Ser. 3. Fiz., astronom.* 23 no. 3:82-86 My-Je '68.
- General solutions in the theory of magnetohydrodynamic flows in hypersonic approximation. A. S. Pleschinskii. *Dokl. AN SSSR* 180 no. 4:813-816 Je '68.
- Heat transfer by the free convection of a rarefied gas. R. S. Ilyukov. *Teplotiz. vyz. temp.* 6 no. 3:555-558 My-Je '68.
- High-frequency stabilization of a plasma cylinder with current in a longitudinal magnetic field. V. P. Gorkov. *I. M. Rostov. Zhur. eksp. i teor. fiz.* 54 no. 2:341-346 F '68.
- Hydrodynamic stability of stationary flows. I. S. Solov'ev. *Zhur. eksp. i teor. fiz.* 54 no. 2:688-676 F '68.
- Instability of a plasma discharge in a magnetic trap at low pressure. V. G. Marlin. *Zhur. tekhn. fiz.* 38 no. 5:843-846 My '68.
- Integrals of the collision of modified Bessel functions for large n . A. S. Umnitskii, S. S. Nagibetov. *Teplotiz. vyz. temp.* 6 no. 3:543-545 My-Je '68.
- Interaction between the charged particle flux and surface waves in a plasma. V. I. Pakhomov, K. N. Shteyn. *Zhur. tekhn. fiz.* 38 no. 5:706-705 My '68.
- Interaction of hydrogen with palladium-nickel alloys. A. A. Boring and others. *Zhur. fiz. khim.* 42 no. 2:127-131 Ap '68.
- Interaction of hollow jets. V. N. Paschkin. *Vod. i tekhn. fiz.* no. 7:16-10 Ji '68.
- Investigating the operation of a cesium thermionic converter with tungsten cathode. V. V. Korotkiy, G. V. Shinnik. *Atom. energ.* 24 no. 6:553-557 Je '68.
- Investigation of a turbulent plasma by means of laser scattering of microwaves. N. I. Mulyukov. *Pril. i sist. upr.* no. 2:50-52 F '68.
- Investigation of high temperature phenomena occurring during the focusing of intense laser radiation on a target. M. G. Usayev and others. *Zhur. eksp. i teor. fiz.* 54 no. 4:1073-1087 Ap '68.
- Investigation of the high-temperature electron emission of a plasma produced in the plasma-beam system. I. P. Zhukov and others. *Zhur. eksp. i teor. fiz.* 54 no. 4:1088-1088 Ap '68.
- Ionization and recombination in a rarefied acetylene air flame with admixtures of lead and bismuth. I. M. Tarun, V. I. Tvorodoklebov. *Teplotiz. vyz. temp.* 6 no. 3:395-396 My-Je '68.
- Ionization equilibrium in a plasma diode. Y. K. Koryev, A. F. Naitatashvili. *Zhur. tekhn. fiz.* 38 no. 5:935-937 My '68.
- Ionization relaxation behind the shock waves in the air. M. D. Zhelezovskii, A. Kh. Muzantkhan. *Teplotiz. vyz. temp.* 6 no. 3:390-394 My-Je '68.
- Kinetic theory of the synchrotron instability of a system of relativistic electrons in a plasma. V. V. Zhelezovskii, E. V. Surorov. *Zhur. eksp. i teor. fiz.* 54 no. 2:827-840 F '68.
- Limits of the applicability of spectroscopic methods in determining the concentration of charged particles in a low temperature plasma and their accuracy. I. I. Giedikhin. *Teplotiz. vyz. temp.* 6 no. 3:507-512 My-Je '68.
- Fine radiation of a carbon and fluorine plasma in the temperature range of 10,000° to 100,000°K. V. A. Dorozhnikov. *Teplotiz. vyz. temp.* 6 no. 3:540-543 My-Je '68.
- Mass transfer in countercurrent flows of gas and large drops. I. G. Pili. *Khim. tekhn. i mash. stroit.* no. 0:113-122 '67.
- Measuring the neutral gas density in the operating conditions of a PR-5 unit. I. U. N. Koshelov, O. P. Kulev. *Zhur. tekhn. fiz.* 38 no. 5:818-822 My '68.
- Mechanism of the radiation of nitrogen in the nonequilibrium region behind a shock wave front. G. D. Serebry, S. A. Iosov. *Teplotiz. vyz. temp.* 6 no. 3:381-389 Mr '68.
- New electrolytic heating transducers and gyothermal balance hygrometers. M. A. Baricov, A. Z. Akhmedov. *Pril. i sist. upr.* no. 1:20-22 Ja '68.
- Nonequilibrium low-temperature plasma. I. M. Dikhterman, V. S. Vorob'ev, F. T. Lakubov. *Teplotiz. vyz. temp.* 6 no. 3:300-380 My-Je '68.

- Nonlinear selfing of electron plasma oscillations. A. V. Gurevich. *Zhur. eksp. i teor. fiz.* 54 no. 2:522-535 F '68.
- Nonlinear theory of hydrodynamic beam instability. Part I. V. G. Mikhankov, V. N. Tsytovich. *Zhur. tekhn. fiz.* 39 no. 5:809-811 My '68.
- Optical method for measuring the turbulence of gas flows. N. F. Ilevyanski, I. I. Kuznetsov, A. M. Trokhan. *Dokl. AN SSSR* 180 no. 4:806-808 Je '68.
- Plasma oscillations in electric and magnetic fields. G. V. Gordsev. *Zhur. tekhn. fiz.* 38 no. 5:787-795 My '68.
- Plasma resonance on nonequilibrium carriers in semiconductors. G. N. Galkin and others. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 7 no. 3:83-85 F '68.
- Pulsed thermocouple system with a dense plasma. S. G. Altkharov, G. N. Kichigin, I. K. Kunkalbayev. *Atom. energ.* 25 no. 1:45-46 Ji '68.
- Quasi-linear theory of electron beam relaxation in a magnetic plasma. V. D. Shapuro, V. I. Shevechko. *Zhur. eksp. i teor. fiz.* 54 no. 4:1187-1202 Ap '68.
- Rarefaction wave and dispersion of the medium in a variable gravitational field. K. Dzhusupov, K. P. Stanulovich. *Dokl. AN SSSR* 180 no. 4:809-812 Je '68.
- Smoothing out the instabilities of "trapped particles" in a dense plasma. R. Z. Sagilev, A. A. Galcev. *Dokl. AN SSSR* 180 no. 4:819-822 Je '68.
- Study of aerodynamic resistance of streamlined transverse lattice-type tanks. V. V. Avchukhov. *Izv. vuz. ucheb. zav. i energ.* 11 no. 5:54-67 My '68.
- Study of gas flow from one volume to another. V. F. Priznakov. *Izv. vuz. ucheb. zav. i energ.* 11 no. 5:68-72 My '68.
- Study of the matrix of scattering on objects of complex form. R. G. Baranov, V. V. Kozachek. *Vest. LGU* 23 no. 7:71-77 Ap '68.
- Studying the aerodynamic structure of a conical fluid bed and determining the optimum angle of the opening of cone. M. S. Iula and others. *Khim. prom.* 44 no. 6:8-9 Je '68.
- Temperature profile of an arc filament of a small cross section. I. I. Kiselevskii, V. I. Shinnikov, A. K. Shpilov. *Teplotiz. vye. temp.* 6 no. 3:486-489 My-Je '68.
- Theoretical calculation of the second virial coefficient for the interaction of free atoms. P. M. Kuznetsov. *Teplotiz. vye. temp.* 6 no. 3:427-431 My-Je '68.
- Theory of nonlinear interaction of a modulated beam with a plasma. V. B. Krasovitskii, V. I. Kuriklo, M. A. Strahomchny. *Atom. energ.* 24 no. 6:645-649 Je '68.
- Thermionic emission and dispersion of a plasma produced under the action of a focused single laser pulse on a solid target. S. I. Andreev and others. *Zhur. tekhn. fiz.* 39 no. 6:875-883 My '68.
- Three-dimensional limiting hypersonic flows of an inviscid gas. V. I. Bogatko, G. A. Kolton. *Vest. LGU* 23 no. 7:78-83 Ap '68.
- Three-dimensional weakly perturbed unsteady flow in linear approximation. F. T. Zingalko. *Vest. LGU* 23 no. 7:88-94 Ap '68.
- Unstable nature of the classical description of a nonequilibrium dense plasma. G. E. Norman, A. H. Starostin. *Teplotiz. vye. temp.* 6 no. 3:116-119 My-Je '68.
- Vorticity interaction in a free flow with a dissipative layer of the discontinuity zone. L. I. Voronchagina-Nykhora. *Vest. LGU* 23 no. 7:84-87 Ap '68.
- Widening of hydrogen spectral lines by plasma electrons. A. A. Minaeva. *Astron. zhur.* 46 no. 3:578-584 '68.
- 533.7 Kinetic theory of gases**
- Calculating the rate of diffusion shear in a binary gaseous mixture. H. I. Alomov, I. N. Ivchenko, R. V. Borzagina. *Dokl. AN SSSR* 180 no. 2:330-333 My '68.
- On the variation principle in quantum kinetics. N. R. Stetsko. *Dokl. AN SSSR* 180 no. 1:48-51 My-Je '68.
- Thermal diffusion in mixtures of gas and vapors Part I. Theory of the method. I. U. Mazurenko. *Zhur. fiz. khim.* 43 no. 4:830-843 Ap '68.
- 534 Vibrations, Acoustics, Sound**
- Absorption of ultrasound in potassium dihydrophosphate crystals at temperature near the phase transition. O. N. Golubeva, O. A. Shmelin. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 7 no. 12:401-403 Je '68.
- Acoustic pressure in a liquid filling a cylindrical shell situated in a liquid flow along the generator line. V. M. Boncharenko, S. P. Ilegunova. *Dop. AN URSS, Ser. A* 30 no. 8:769-783 Ag '68.
- Acoustic relaxation in liquid carbon disulfide. P. K. Khaybullaev, M. G. Khalilov, S. S. Aliev. *Vest. Mosk. univ. Ser. 2: Khim.* 23 no. 3:41-43 My-Je '68.
- Application of single aerosols to the problem of constrained vibrations of shallow cylindrical panels. N. I. Spiridonova. *Trudy Ural. politekhn. inst.* no. 158:32-41 '67.
- Controlling parameters of weaving are hard facing. A. A. Spiridonov, A. K. Sukhov. *Svar. prozv.* no. 6:22-24 Ap '68.
- Diffraction of elastic waves in a cavity braced with a rigid ring. M. A. Dashkevich. *Stroi. mekh. i rasch. skor.* 9 no. 2:33-38 '67.
- Effect of the vibration of the tool on the accuracy of a pulse inclinometer in electric drilling. R. E. Abov. *Za tekhn. prog.* 8 no. 4:1-3 Ap '68.
- Effect of vibration on the character of the distribution of shrinkage cavities in ingots. B. B. Gultayev, N. G. Kasumzade, G. M. Mustafazade. *Za tekhn. prog.* 8 no. 4:31-33 Ap '68.
- Formation of the structure of cement stone under the action of acoustic coagulation. M. A. Shalima. *Vest. AN SSSR, Ser. fiz. i tekhn. nau.* no. 1:118-121 '68.
- Free oscillations of shells having the shape of hollow hyperbolic paraboloids. R. L. Malkina. *Trudy Ural. politekhn. inst.* no. 158:5-14 '67.
- Frequencies of self-oscillations of a pressure measuring system. L. M. Tarko. *Prib. i sist. upr.* no. 12:22-23 D '67.
- IV-55 and IV-58 internal vibrators. V. A. Luk'yanov, I. U. P'lin. *Stroi. i dor. mash.* 13 no. 1:25 Ja '68.
- Kinetic theory of the absorption of the fourth sound. I. N. Adamenko, M. I. Kaganov. *Zhur. eksp. i teor. fiz.* 54 no. 2:889-895 F '68.
- Manual rainor for packing loose soils. N. I. Nikishin, N. M. Kirushina. *Stroi. i dor. mash.* 13 no. 1:28-27 Ja '68.
- Measuring the parameters of angular vibrations of high-altitude constructions. V. I. Torokhov, I. T. Stomakhin. *Stroi. mekh. i rasch. skor.* 10 no. 1:39-41 '68.
- Mechanical vibrations induced by an electromotor. A. I. Lvovich. *Vest. LGU* 23 no. 7:95-100 Ap '68.
- New domestic vibrators. A. M. Reinsburg. *Mekh. stroi.* 24 no. 4:21-23 Ap '67.
- New internal IV-32 and IV-33 vibrators. V. V. Filisev. *Stroi. i dor. mash.* 13 no. 1:24 Ja '68.
- Nonlinear oscillations of thin plates allowing for the momentum of rotation. E. F. Morozov. *Dif. urav.* 4 no. 5:932-937 My '68.
- On single-mode open cavities. V. P. Melov, E. M. Vorobov. *Dokl. AN SSSR* 179 no. 3:558-561 Mr '68.
- On the optimal distribution and a problem of complicated scanning. A. A. Dittus. *Trudy VNIIO* no. 1:151-158 '68.
- Relaxation absorption of sound during the phase transfer in Rochelle salt crystals. G. G. Kozanikh, A. I. Shirokov, I. A. Shevelev. *Kristallografiya* 13 no. 3:152-156 My '68.
- Some cases of free vibrations of elastic walls in contact with a fluid. S. G. Shul'man. *Izv. VNIIG* 79:80-89 '66.
- Study of the effect of ultrasonic treatment of diesel oil with additives on the changes in its quality during the operation of tractors. G. P. Lyashko, A. A. Khoson. *Trudy Khark. sel'khoz. inst.* 53:102-107 '67.
- Theory of the radiation Q-factor of a dielectric resonator. V. I. Kuriklo. *Dokl. AN SSSR* 180 no. 1:70-72 My-Je '68.
- Transverse asymmetric vibrations of a plate on an elastic foundation. V. S. Glezyna. *Stroi. mekh. i rasch. skor.* 9 no. 2:49-44 '67.
- Ultrasonic absorption in superconducting aluminum. V. D. Fil', O. A. Shevchenko, P. A. Boguzlyi. *Zhur. eksp. i teor. fiz.* 54 no. 2:413-418 F '68.
- Ultrasonic as a mutagenic factor. S. G. Byrka. *Trudy Khark. sel'khoz. inst.* 46 no. 3:102-104 '67.
- Use of the spectral function method in some problems of stability and oscillations of plates and shallow shells. V. V. Rogozhich. *Trudy Ural. politekhn. inst.* no. 158:51-61 '67.
- Using acoustic waves in the treatment of silicon and other solid brittle materials. A. V. Bondarenko, A. N. Potyayev, C. P. Zhurav. *Trudy NPI* 178:75-78 '67.
- Vibration pickups. With remote control. I. S. Skelmin, I. D. Kozakov. *Izv. VNIIG* 79:199-201 '65.
- Vibrations of elastic cylindrical bars in a fluid. P. P. Kul'mach. *Izv. VNIIG* 79:80-90 '65.
- 534.22 Velocity of sound**
- Hypersonic velocity and the dispersion of the sound velocity near the critical point of the stratification of the binary solution triethylamine - water. I. M. Arefiev. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 7 no. 10:301-304 My '68.
- 534.6 Acoustical measurements**
- Improvement of the 1001 vibration pickup. L. S. Mikhalmov. *Prib. i sist. upr.* no. 12:53 D '67.
- Use of ultrasound in measuring the concentration of suspensions. G. M. Kuznetsov, H. N. Turin. *Zav. lab.* 34 no. 2:205-203 '68.
- Vibrational relaxation in a mixture of benzene vapors with inert gases. I. U. A. Butylov. *Zhur. fiz. khim.* 42 no. 4:588-590 Ap '68.
- 538 Optics, Light**
- Absorption spectrum of atmospheric oxygen in the range of 1.3-2.3 μ and the role of short-lived complexes [O₂], [O₂-N₂]. V. I. Dianov-Klokov, O. A. Matvoseva. *Izv. AN SSSR, Fiz. atm. i kosmos* 4 no. 4:414-425 Ap '68.
- Analysis of the properties of main conjugated surfaces. M. M. Ruzinov. *Izv. vuz. ucheb. zav. i prib.* 11 no. 1:82-88 '68.
- Analysis of the vibrational structure of the emission spectrum of the SiBr molecule. L. A. Kuznetsova, N. I. Kuz'menko, I. U. A. Kuzakov. *Vest. Mosk. univ. Ser. 2: Khim.* 23 no. 3:30-35 My-Je '68.
- Arrangement for measuring the absorption spectra of threadlike crystals during X-ray radiation. S. U. Goldenberg, S. M. Mlmev. *Izv. vuz. ucheb. zav. i prib.* 11 no. 1:95-98 '68.
- Calculating the transmission functions of carbon dioxide in the μ - γ region of the spectrum. O. K. Volkovskaya, L. I. Neomelova. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:143-145 '68.
- Calculation of symmetrical self-reversed contour of the spectral line allowing for the radial dependence of the plasma parameters. G. A. Kolobova. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:76-81 '68.
- Calculation of the effect of polarization of X rays on K absorption spectrum of chlorine in KClO₃ single crystal. R. I. Borinskii. *Zhur. strukt. khim.* 9 no. 2:216-221 Mr-Ap '68.
- Change in the reflectivity of metals during a laser pulse. A. M. Bonch-Bruyevich and others. *Zhur. tekhn. fiz.* 38 no. 5:851-855 My '68.
- Characteristics of the electroluminescence of ZnS:Cu, Al single crystals. V. V. Novakova, T. E. Rumazanova. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:145-147 '68.
- Complex activation centers in the K-Ca phosphor. I. A. Porfirovich and others. *Izv. vuz. ucheb. zav. i prib.* 11 no. 4:151-153 '68.
- Cross section formula of photoionization of small impurity centers in semiconductors. I. A. Khlyava. *Vest. Mosk. univ. Ser. 3: Fiz. i astron.* 23 no. 3:122-124 My '68.
- Determination of characteristics of turbidities from experiments on light propagation. A. G. Gurevich. *Izv. AN SSSR, Fiz. atm. i kosmos* 4 no. 2:160-169 F '68.
- Determination of the intensity of the Raman scattering lines. N. K. Shirokov. *Izv. vuz. ucheb. zav. i prib.* 11 no. 4:126-128 '68.
- Determination of the temperature of a gas using lines with complex structure. G. A. Sholeva. *Izv. vuz. ucheb. zav. i prib.* 11 no. 1:100-104 '68.
- Dynamic theory of vibrational spectra of molecular crystals. E. I. Rashba. *Zhur. eksp. i teor. fiz.* 54 no. 2:542-550 F '68.
- Effect of the electric field on the amplitude of oscillations in ZnS:Ag single crystals. V. I. Panov, F. F. Gurevich, V. S. Bezel'. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:80-85 '68.
- Effect of the material of the electrode on the brightness waves of the electroluminescence of aluminum oxide. V. V. Nikishin. *Izv. vuz. ucheb. zav. i prib.* 11 no. 4:139-140 '68.
- Effective electroluminescence of epitaxial and diffusional p-n structures of GaP. R. S. Ignatukin and others. *Dokl. AN SSSR* 179 no. 3:553-555 Mr '68.
- Effective emissivity of a cylindrical cavity with diffusive and mirror reflection. S. P. Ruzin. *Teplotiz. vye. temp.* 6 no. 3:552-553 My-Je '68.
- Electroluminescence of tantalum oxide films. V. V. Mikhlo, L. A. Iosimopoulou. *Izv. vuz. ucheb. zav. i prib.* 11 no. 4:124-126 '68.
- Electron paramagnetic resonance spectra of negative ion-radicals of some quinone dyes. D. I. Slaprov, V. M. Kazhikov. *Zhur. strukt. khim.* 9 no. 2:306-309 Mr-Ap '68.
- Errors in integration of high resolution nuclear magnetic resonance spectra. A. N. Likhutov, A. F. Varentk. *Zhur. strukt. khim.* 9 no. 2:318-320 Mr-Ap '68.
- Excitation of radiated-recombination luminescence in some alkali-halide crystal phosphors. A. I. Izhnizh, V. V. Sinyov, V. A. Sokolov. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:130-132 '68.
- Experimental study of the effect of anisotropy on the radiation capacity of media. I. I. Kuvalev and others. *Teplotiz. vye. temp.* 6 no. 3:438-441 My-Je '68.
- Force field of methylacetylene. I. U. N. Tranchenko and others. *Vest. Mosk. univ. Ser. 2: Khim.* 23 no. 3:15-20 My-Je '68.
- Frequency characteristics of electroluminescent processes in ZnS crystals. U. I. Izhmizov, B. G. Chernyavskii. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:101-107 '68.
- Generalized nomograms for calculating the heating by radiation of a nonpolarized plate and an infinitely long cylinder. L. A. Brovkin. *Izv. vuz. ucheb. zav. i energ.* 11 no. 5:118-123 My '68.
- Interference flash luminescence in organic liquids under the action of strong electric fields. P. I. Gishnitskii and others. *Dokl. AN SSSR* 180 no. 4:820-831 Je '68.
- Indirect and direct optical transitions in the absorption spectra of Sb₂ single crystals. V. I. Vashchenko, V. N. Kulshreshtha, V. I. Timofeev. *Izv. vuz. ucheb. zav. i prib.* 11 no. 5:160-160 '68.
- Integral intensities of the CN group of univalent quinonoid radicals. L. A. Kozliayra, R. D. Klyunova, I. D. Ashkineidze. *Dokl. AN SSSR* 180 no. 2:353-355 My '68.
- Integral amorphousness emissivity and specific electrical resistance of insulins in the temperature range of 1200° to 2800°K. V. A. Petrov, V. A. Cherkovskii, A. E. Shudilov. *Teplotiz. vye. temp.* 6 no. 3:518-549 My-Je '68.
- Luminescent and photochemical properties of anils of 4,8-dihydroxy-1-naphthaldehyde. M. I. Kravchenko and others. *Zhur. fiz. khim.* 42 no. 4:1017-1019 Ap '68.
- Measurement of the absolute cross section of the Raman scattering of light in crystals, powders, and liquids. V. S. Ruzanov, M. M. Sushchinskii. *Zhur. eksp. i teor. fiz.* 54 no. 4:1000-1108 Ap '68.
- Methods and means of investigating the absorption of solar radiation by bodies. L. A. Novitskii. *Teplotiz. vye. temp.* 6 no. 3:520-538 My-Je '68.
- New expressive method for the study of the optical properties of the atmosphere and ocean. A. P. Ivanov. *Izv. AN SSSR, Fiz. atm. i kosmos* 4 no. 2:224-227 F '68.
- Nomogram for computing voltages in optical and polarization studies. Sh. M. Altov. *Za tekhn. prog.* 8 no. 1:31-32 Ja '68.
- Nonlimiting observation instruments. V. Kichka. *Tekhn. i voozuzh.* 28 no. 4:18-19 Ap '68.
- On the reference of absorption bands in the electronic spectra of ferrocene and its derivatives. G. B. Zaslavskaya and others. *Dokl. AN SSSR* 179 no. 3:589-592 Mr '68.
- Optical absorption spectra of Mn²⁺ in Na₂O, 2MnO, 2SiO₂ single crystals at low temperatures. O. N. Boksha, T. M. Barina, S. V. Grum-Grechmallo. *Kristallografiya* 13 no. 3:467-468 My '68.
- Participation of magnons in the absorption of light by antiferromagnetic α -oxygen. I. U. G. Ilyusenko, V. V. Erovenko, T. I. Garber. *Pis'ma v red. Zhur. eksp. i teor. fiz.* 7 no. 10:378-382 My '68.
- Photodissociation of C₂ molecules in the atmosphere of comets. I. U. G. Mokhnach. *Dokl. AN SSSR* 180 no. 4:817-820 Je '68.
- Quenching of the fluorescence of aminobenzole oxides by dinitrobenzenes. E. K. Li, R. M. Fofonova. *Izv. vuz. ucheb. zav. i prib.* 11 no. 4:60-61 '68.

- 535.2.1 **Scattering of radiation by liquids. Part I. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1120-1131 Ap '68.
- 535.2.2 **Scattering of radiation by liquids. Part II. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1132-1141 Ap '68.
- 535.2.3 **Scattering of radiation by liquids. Part III. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1142-1151 Ap '68.
- 535.2.4 **Scattering of radiation by liquids. Part IV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1152-1161 Ap '68.
- 535.2.5 **Scattering of radiation by liquids. Part V. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1162-1171 Ap '68.
- 535.2.6 **Scattering of radiation by liquids. Part VI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1172-1181 Ap '68.
- 535.2.7 **Scattering of radiation by liquids. Part VII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1182-1191 Ap '68.
- 535.2.8 **Scattering of radiation by liquids. Part VIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1192-1201 Ap '68.
- 535.2.9 **Scattering of radiation by liquids. Part IX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1202-1211 Ap '68.
- 535.2.10 **Scattering of radiation by liquids. Part X. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1212-1221 Ap '68.
- 535.2.11 **Scattering of radiation by liquids. Part XI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1222-1231 Ap '68.
- 535.2.12 **Scattering of radiation by liquids. Part XII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1232-1241 Ap '68.
- 535.2.13 **Scattering of radiation by liquids. Part XIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1242-1251 Ap '68.
- 535.2.14 **Scattering of radiation by liquids. Part XIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1252-1261 Ap '68.
- 535.2.15 **Scattering of radiation by liquids. Part XV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1262-1271 Ap '68.
- 535.2.16 **Scattering of radiation by liquids. Part XVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1272-1281 Ap '68.
- 535.2.17 **Scattering of radiation by liquids. Part XVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1282-1291 Ap '68.
- 535.2.18 **Scattering of radiation by liquids. Part XVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1292-1301 Ap '68.
- 535.2.19 **Scattering of radiation by liquids. Part XIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1302-1311 Ap '68.
- 535.2.20 **Scattering of radiation by liquids. Part XX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1312-1321 Ap '68.
- 535.2.21 **Scattering of radiation by liquids. Part XXI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1322-1331 Ap '68.
- 535.2.22 **Scattering of radiation by liquids. Part XXII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1332-1341 Ap '68.
- 535.2.23 **Scattering of radiation by liquids. Part XXIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1342-1351 Ap '68.
- 535.2.24 **Scattering of radiation by liquids. Part XXIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1352-1361 Ap '68.
- 535.2.25 **Scattering of radiation by liquids. Part XXV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1362-1371 Ap '68.
- 535.2.26 **Scattering of radiation by liquids. Part XXVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1372-1381 Ap '68.
- 535.2.27 **Scattering of radiation by liquids. Part XXVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1382-1391 Ap '68.
- 535.2.28 **Scattering of radiation by liquids. Part XXVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1392-1401 Ap '68.
- 535.2.29 **Scattering of radiation by liquids. Part XXIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1402-1411 Ap '68.
- 535.2.30 **Scattering of radiation by liquids. Part XXX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1412-1421 Ap '68.
- 535.2.31 **Scattering of radiation by liquids. Part XXXI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1422-1431 Ap '68.
- 535.2.32 **Scattering of radiation by liquids. Part XXXII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1432-1441 Ap '68.
- 535.2.33 **Scattering of radiation by liquids. Part XXXIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1442-1451 Ap '68.
- 535.2.34 **Scattering of radiation by liquids. Part XXXIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1452-1461 Ap '68.
- 535.2.35 **Scattering of radiation by liquids. Part XXXV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1462-1471 Ap '68.
- 535.2.36 **Scattering of radiation by liquids. Part XXXVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1472-1481 Ap '68.
- 535.2.37 **Scattering of radiation by liquids. Part XXXVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1482-1491 Ap '68.
- 535.2.38 **Scattering of radiation by liquids. Part XXXVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1492-1501 Ap '68.
- 535.2.39 **Scattering of radiation by liquids. Part XXXIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1502-1511 Ap '68.
- 535.2.40 **Scattering of radiation by liquids. Part XL. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1512-1521 Ap '68.
- 535.2.41 **Scattering of radiation by liquids. Part XLI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1522-1531 Ap '68.
- 535.2.42 **Scattering of radiation by liquids. Part XLII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1532-1541 Ap '68.
- 535.2.43 **Scattering of radiation by liquids. Part XLIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1542-1551 Ap '68.
- 535.2.44 **Scattering of radiation by liquids. Part XLIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1552-1561 Ap '68.
- 535.2.45 **Scattering of radiation by liquids. Part XLV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1562-1571 Ap '68.
- 535.2.46 **Scattering of radiation by liquids. Part XLVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1572-1581 Ap '68.
- 535.2.47 **Scattering of radiation by liquids. Part XLVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1582-1591 Ap '68.
- 535.2.48 **Scattering of radiation by liquids. Part XLVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1592-1601 Ap '68.
- 535.2.49 **Scattering of radiation by liquids. Part XLIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1602-1611 Ap '68.
- 535.2.50 **Scattering of radiation by liquids. Part L. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1612-1621 Ap '68.
- 535.2.51 **Scattering of radiation by liquids. Part LI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1622-1631 Ap '68.
- 535.2.52 **Scattering of radiation by liquids. Part LII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1632-1641 Ap '68.
- 535.2.53 **Scattering of radiation by liquids. Part LIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1642-1651 Ap '68.
- 535.2.54 **Scattering of radiation by liquids. Part LIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1652-1661 Ap '68.
- 535.2.55 **Scattering of radiation by liquids. Part LV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1662-1671 Ap '68.
- 535.2.56 **Scattering of radiation by liquids. Part LVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1672-1681 Ap '68.
- 535.2.57 **Scattering of radiation by liquids. Part LVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1682-1691 Ap '68.
- 535.2.58 **Scattering of radiation by liquids. Part LVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1692-1701 Ap '68.
- 535.2.59 **Scattering of radiation by liquids. Part LIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1702-1711 Ap '68.
- 535.2.60 **Scattering of radiation by liquids. Part LX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1712-1721 Ap '68.
- 535.2.61 **Scattering of radiation by liquids. Part LXI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1722-1731 Ap '68.
- 535.2.62 **Scattering of radiation by liquids. Part LXII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1732-1741 Ap '68.
- 535.2.63 **Scattering of radiation by liquids. Part LXIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1742-1751 Ap '68.
- 535.2.64 **Scattering of radiation by liquids. Part LXIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1752-1761 Ap '68.
- 535.2.65 **Scattering of radiation by liquids. Part LXV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1762-1771 Ap '68.
- 535.2.66 **Scattering of radiation by liquids. Part LXVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1772-1781 Ap '68.
- 535.2.67 **Scattering of radiation by liquids. Part LXVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1782-1791 Ap '68.
- 535.2.68 **Scattering of radiation by liquids. Part LXVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1792-1801 Ap '68.
- 535.2.69 **Scattering of radiation by liquids. Part LXIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1802-1811 Ap '68.
- 535.2.70 **Scattering of radiation by liquids. Part LXX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1812-1821 Ap '68.
- 535.2.71 **Scattering of radiation by liquids. Part LXXI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1822-1831 Ap '68.
- 535.2.72 **Scattering of radiation by liquids. Part LXXII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1832-1841 Ap '68.
- 535.2.73 **Scattering of radiation by liquids. Part LXXIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1842-1851 Ap '68.
- 535.2.74 **Scattering of radiation by liquids. Part LXXIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1852-1861 Ap '68.
- 535.2.75 **Scattering of radiation by liquids. Part LXXV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1862-1871 Ap '68.
- 535.2.76 **Scattering of radiation by liquids. Part LXXVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1872-1881 Ap '68.
- 535.2.77 **Scattering of radiation by liquids. Part LXXVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1882-1891 Ap '68.
- 535.2.78 **Scattering of radiation by liquids. Part LXXVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1892-1901 Ap '68.
- 535.2.79 **Scattering of radiation by liquids. Part LXXIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1902-1911 Ap '68.
- 535.2.80 **Scattering of radiation by liquids. Part LXXX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1912-1921 Ap '68.
- 535.2.81 **Scattering of radiation by liquids. Part LXXXI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1922-1931 Ap '68.
- 535.2.82 **Scattering of radiation by liquids. Part LXXXII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1932-1941 Ap '68.
- 535.2.83 **Scattering of radiation by liquids. Part LXXXIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1942-1951 Ap '68.
- 535.2.84 **Scattering of radiation by liquids. Part LXXXIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1952-1961 Ap '68.
- 535.2.85 **Scattering of radiation by liquids. Part LXXXV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1962-1971 Ap '68.
- 535.2.86 **Scattering of radiation by liquids. Part LXXXVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1972-1981 Ap '68.
- 535.2.87 **Scattering of radiation by liquids. Part LXXXVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1982-1991 Ap '68.
- 535.2.88 **Scattering of radiation by liquids. Part LXXXVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:1992-2001 Ap '68.
- 535.2.89 **Scattering of radiation by liquids. Part LXXXIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2002-2011 Ap '68.
- 535.2.90 **Scattering of radiation by liquids. Part LXXXX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2012-2021 Ap '68.
- 535.2.91 **Scattering of radiation by liquids. Part LXXXXI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2022-2031 Ap '68.
- 535.2.92 **Scattering of radiation by liquids. Part LXXXXII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2032-2041 Ap '68.
- 535.2.93 **Scattering of radiation by liquids. Part LXXXXIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2042-2051 Ap '68.
- 535.2.94 **Scattering of radiation by liquids. Part LXXXXIV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2052-2061 Ap '68.
- 535.2.95 **Scattering of radiation by liquids. Part LXXXXV. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2062-2071 Ap '68.
- 535.2.96 **Scattering of radiation by liquids. Part LXXXXVI. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2072-2081 Ap '68.
- 535.2.97 **Scattering of radiation by liquids. Part LXXXXVII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2082-2091 Ap '68.
- 535.2.98 **Scattering of radiation by liquids. Part LXXXXVIII. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2092-2101 Ap '68.
- 535.2.99 **Scattering of radiation by liquids. Part LXXXXIX. Liquid and solid dielectrics.** I. A. Litvin, D. V. Stetsko, Zhur. eksp. i teor. fiz. 54 no. 4:2102-2111 Ap '68.
- 535.3 **Geometrical optics. Reflection. Refraction.**
- 535.3.1 **Atmospheric refraction tables for different altitudes above the earth's surface.** V. G. Pesenkov, Blizn. opt. i opt. prib., 54 no. 5:3-13 '67.
- 535.3.2 **Differential infrared spectra of spruce lignin.** V. M. Nikulin, G. L. Burkov, V. M. Skachkov, Izv. vys. ucheb. zav., 11 no. 1:121-123 '68.
- 535.3.3 **Formulas for calculating a light flux reflected by a tetrahedral prism.** D. U. Kanokh, Vestn. AN BSSR Ser. fiz.-mat. nat. 2 no. 2:95-101 '68.
- 535.3.4 **Trisimilarity criterion in the optics of turbid media.** V. A. Timofeeva, Dokl. AN SSSR 180 no. 4:837-850 Je '69.
- 535.4 **Interference, diffraction, etc.**
- 535.4.1 **Diffraction of cylindrical waves by a perfectly conductive wedge in an anisotropic plasma.** M. S. Kobayevskiy, Izv. vys. ucheb. zav., 11 no. 5:19-30 '68.
- 535.4.2 **Problem of diffraction on a transparent inhomogeneous body.** V. V. Kravtsov, Vestn. Mosk. un. Ser. 3, Fiz.-mat. nat. 23 no. 3:116-118 My-Je '68.
- 535.5 **Polarization, double refraction, etc.**
- 535.5.1 **Polarization of the fluorescence of phthalimide solutions.** E. I. Bask, Izv. vys. ucheb. zav., 11 no. 5:104-112 '69.
- 535.6 **Heat. Thermodynamics.**
- 535.6.1 **Absorption of ultraviolet in paraffin dithiophosphate crystals at temperature near its phase transition.** O. N. Galusova, D. A. Shustik, Vestn. eksp. i teor. fiz. 54 no. 12:161-163 Je '69.
- 535.6.2 **Atmospheric calorimeter developed in the laboratory of hydraulic concrete of the VNIIG.** V. V. Stetsko, A. A. Bortsov, Izv. VNIIG 79:11-16 '67.
- 535.6.3 **Adiabatic curve characteristics of two-phase flows.** G. A. Filippov, E. V. Stetsko, Vestn. eksp. i teor. fiz. 54 no. 12:164-166 Je '69.
- 535.6.4 **Analysis of the solution of the problem of nonstationary heat conductivity for a growing angle crystal.** L. A. Gorin, Vestn. eksp. i teor. fiz. 54 no. 12:167-169 Je '69.
- 535.6.5 **Acoustic of the heat capacity in the vicinity of the Curie point of the ferromagnetic hydrocarbon acetate.** A. A. Stetsko and others, Kristallografiya 13 no. 3:541-542 My '68.
- 535.6.6 **Application of the theory of similarity to heat processes in firing kilns.** V. T. Kuznetsov, V. S. Sidorov, Izv. P. Sidorov, Trudy MFTI no. 254:158-163 '67.
- 535.6.7 **Automatic device correcting its dynamic characteristics of heat receivers with large inertia and complex transfer function.** V. I. Shukshakov, Izv. vys. ucheb. zav., elektronika, 40 no. 3:331-334 Kr '68.
- 535.6.8 **Calculating a complex heat exchange in the intake and of a pipe.** V. T. Kuznetsov, V. S. Sidorov, Trudy MFTI no. 254:164-165 '67.
- 535.6.9 **Calculation of the viscosity of compressed nonreactive gas mixtures at high temperatures.** S. A. Ulybin, Teplofiz. vys. temp. 6 no. 3:442-445 My-Je '68.
- 535.6.10 **Calorimetric study of cellulose trihydrate.** P. V. Kozlov and others, Dokl. AN SSSR 180 no. 1:109-111 My-Je '68.
- 535.6.11 **Characteristics of semiconductor germanium dendritic transistors at low temperatures.** Prib. i tekhn. opr. no. 2:44-45 Kr '68.
- 535.6.12 **Characteristics of the optical systems of visual pyrometers and the accuracy of temperature measurements.** A. V. Kozlov, Teplofiz. vys. temp. 6 no. 3:510-513 My-Je '68.
- 535.6.13 **Color pyrometer.** F. S. Nikolov, G. S. Kotelnikov, I. I. Lavrenko, Prib. i tekhn. opr. no. 1:52 Ja '68.
- 535.6.14 **Corrosion of steels and nickel alloys in molten aluminum borosilicate glasses at 1000°C and 1200°C.** M. K. Iltis, Atom. energ. 24 no. 6:570-573 Je '68.
- 535.6.15 **Determination of energies of the formations of compounds in ternary systems.** V. K. Filippov, Probl. skor. khim. i korrod. sred. no. 2:174-180 '68.
- 535.6.16 **Determination of the heat transfer coefficient of condenser oil and chlorinated biphenyl.** I. R. Chokhovskiy, Izv. vys. ucheb. zav., energ. 11 no. 5:111-113 My '68.
- 535.6.17 **Determining the relative increase in the number of microvoids in ceramic materials from changes in their thermal conductivity.** I. G. Dudarov, Zav. lab. 34 no. 2:193-196 '68.
- 535.6.18 **Device for checking thermal signaling units.** V. M. Dolgoplov, V. P. Tarabrin, Elektr. sta. 39 no. 8:92-93 Ag '68.
- 535.6.19 **Device for measuring the temperature of elastic materials.** V. I. Akimov, G. P. Mal'tsev, Zav. lab. 34 no. 2:217 '68.
- 535.6.20 **Diagram of the optimum distribution of temperatures in the reactor of the flowing system in exothermic reaction.** A. I. Cerenkov, Khim. tekhn. no. 9:99-101 '67.
- 535.6.21 **Effect of ruthenium addition on the heat conductivity of aluminum.** L. A. Panchenko, O. P. Gostorova, K. G. Akhmetzhanov, Vestn. Mosk. un. Ser. 2, Khim. 23 no. 3:18-19 My-Je '68.
- 535.6.22 **Effect of temperature on the high-frequency characteristics of the communication channel in the conductor cable of an electric drill.** D. I. Vidorov, P. M. Afanasyev, Za tekhn. prog. 8 no. 1:10-12 Je '68.
- 535.6.23 **Effect of the degree of vessel filling by the substance on the thermal decomposition of liquid aromatic nitro compounds.** I. U. A. Nefedov, Trudy MFTI no. 53:65-72 '67.
- 535.6.24 **Effect of the purification method on the thermal stability of octogen.** V. I. Zbarskiy, I. U. Nefedov, E. U. Orlov, Trudy MFTI no. 61:94-98 '67.
- 535.6.25 **Effect of the temperature of paraffin oxidation on the composition of fatty acids.** A. A. Porchontov, M. A. Marchenko, Khim. i tekhn. no. 7:41-43 '68.
- 535.6.26 **Effect of thermal conductivity and radiation on the transient characteristics of contact temperature-sensing elements.** A. Z. Agashevich, Teplofiz. vys. temp. 6 no. 3:562-566 My-Je '68.
- 535.6.27 **Effective elasticity of a cylindrical cavity with diffusive and mirror reflection.** S. P. Rusin, Teplofiz. vys. temp. 6 no. 3:552-555 My-Je '68.
- 535.6.28 **Electrical modeling of temperature fields in the zone of action of a moving heat source.** B. I. Borisenko, V. V. Titarenko, Izv. vys. ucheb. zav., prib. 11 no. 1:112-114 '68.
- 535.6.29 **Estimate of a cylindrical cavity in the presence of temperature gradient.** V. I. Fedorov, Vys. temp. 6 no. 3:494-501 My-Je '68.
- 535.6.30 **Equation of state of a resonant excited gas.** B. I. Vidorov, Zhur. eksp. i teor. fiz. 54 no. 2:445-453 Je '68.
- 535.6.31 **Evolution of the properties of gas heat exchangers with heat exchange.** A. I. Mikhalevich, Teplofiz. vys. temp. 6 no. 3:57-57 Kr '68.
- 535.6.32 **Evolution of heat in a moving radiating medium with heat absorbing surface.** L. A. Gorin, Vestn. eksp. i teor. fiz. 54 no. 2:445-453 Je '68.
- 535.6.33 **Experimental determination of the presence of a heat exchanger in a gas.** L. D. Vukobrat, I. U. Nefedov, Teplofiz. vys. temp. 6 no. 3:57-57 Kr '68.
- 535.6.34 **Experimental investigation of heat transfer in a type of minimum liquid.** V. T. Kuznetsov, Izv. P. Sidorov, Trudy MFTI no. 254:162-164 '67.
- 535.6.35 **Experimental study of heat insulation during combustion in an electric arc.** B. I. Vidorov, V. M. Kozlov, Vestn. eksp. i teor. fiz. 54 no. 2:445-453 Je '68.
- 535.6.36 **Experimental study of the effect of humidity on the radiation capacity of metals.** I. I. Kozlov, Vys. temp. 6 no. 3:436-441 My-Je '68.
- 535.6.37 **Exposure of ions in supercooled fluids.** A. F. Zaitsev, Zhur. eksp. i teor. fiz. 54 no. 2:403-404 Kr '67.
- 535.6.38 **Formation of particle tracks in binary liquid mixtures under critical illumination.** A. F. Zaitsev, V. A. Kozlov, Zhur. eksp. i teor. fiz. 54 no. 2:403-404 Kr '67.
- 535.6.39 **Generalized formula for calculating the heat transfer radiation of a nonuniformly heated cylindrical cylinder.** I. A. Bruckin, Izv. vys. ucheb. zav., prib. 11 no. 1:110-112 My '68.
- 535.6.40 **Heat capacity of alloys of the uranium-lead system.** G. I. Fedorov, I. A. Smolov, Atom. energ. 24 no. 3:54-56 Ja '68.
- 535.6.41 **Heat emission of a rotating disk with crystalline surface.** I. A. Bruckin, Izv. vys. ucheb. zav., prib. 11 no. 1:110-112 My '68.
- 535.6.42 **Heat exchange in a flame zone of glass furnace.** I. I. Ginzburg and others, Trudy MFTI no. 50:15-16 Kr '67.
- 535.6.43 **Heating of rolling parts of bits during the drilling process.** M. M. Molokov, S. G. Babinov, I. V. Shchegolev, Vys. temp. 6 no. 3:425-426 Ap '68.
- 535.6.44 **Integral nonlocality of conductivity and specific heat of a substance of inhomogeneous temperature.** V. A. Kozlov, I. U. Nefedov, Teplofiz. vys. temp. 6 no. 3:425-426 Ap '68.
- 535.6.45 **Intensity of self-ignition of explosive substances.** I. I. Ginzburg, Izv. P. Sidorov, Trudy MFTI no. 53:222-223 Kr '67.
- 535.6.46 **Mathematical formulation and solution of the problem of heat conductivity in a growing crystal.** I. A. Bruckin, Trudy MFTI no. 55:44-46 Kr '67.
- 535.6.47 **Maximum of heat capacity of water.** A. M. Zaitsev, Shkolev, Teploenergetika 15 no. 3:11-12 Kr '68.
- 535.6.48 **Method for measuring the thermal conductivity of a material at high temperatures.** A. N. Kozlov, V. S. Sidorov, V. M. Kozlov, Zav. lab. 34 no. 2:193-196 '68.
- 535.6.49 **Method of radiometric measurement of the heat conductivity of a substance in a porous medium.** A. A. Shchegolev, T. N. Akhmetzhan

- Program for the Ural-2 digital computer to determine temperature fields and thermal stresses in a concrete dam. Sh. N. Pina, A. M. Tsybin. Izv. VNIIG 70-154-167 '85.
- Radiational pyrometer with light guide for measuring temperatures below 1000° C. S. M. Dukarskii, E. I. Trushin. Prikl. fiz. i opt., no. 12:7-10 D '67.
- Resistance thermometers for measuring average temperatures of petroleum and petroleum products. S. P. Adamovitch and others. Transp. I khim. nefli i nefteprod. no. 4:20-22 '68.
- Role of the coherent bond in the decomposition of super-saturated solid solution of zinc in aluminum. G. V. Kiselev, A. I. Stepanov. Dokl. AN SSSR 173 no. 3:653-655 Apr '69.
- The STS-032 multiple-point temperature signaling device. V. P. Vlasov, O. A. Kurdonov. Prikl. fiz. i opt., no. 12:52-53 D '67.
- Selection of optimum temperature drops in an experimental determination of some thermophysical quantities. V. I. Volga, V. I. Polubukhina. Zh. fiz. 34 no. 3:321-326 Apr '68.
- Self-inhibition in the thermal decomposition of ammonium perchlorate. R. S. Svetlov, V. S. Korovin, I. B. Rumyantseva. Trudy MKIIT no. 53:110-125 '67.
- Spatial structure of temperature oscillations in condensation-turbulent liquid flow in a vertical channel. M. K. Borogodovskiy and others. Teplofiz. vyz. temp. 6 no. 3:461-466 May-Je '68.
- Specific surface energy and width of forbidden band of cubic boron nitride. V. F. Ormonov. Izv. AN SSSR, Energ. mat. 4 no. 1:611-612 Apr '68.
- Spectral emittance of indium, tin, antimony, niobium, and zirconium in the infrared region of spectrum. T. D. Dmitriyev, G. K. Kulupov. Teplofiz. vyz. temp. 6 no. 3:550-551 May-Je '68.
- Study of aerodynamic resistance of arc-welded transpiration-lattice-type turbobanks. V. V. Avchukhin. Izv. vuz. uchob. zav. i nauch. II no. 5:61-67 May '68.
- Study of alloys in the system Co - NiCo₂. S. K. Kutsalova and others. Vest. Mosk. un. Ser. 2: Khim. 23 no. 3:163 May-Je '68.
- Study of the germanium - selenium system. S. G. Karlov, V. P. Zlotnikov, A. V. Novoselova. Vest. Mosk. un. Ser. 2: Khim. 23 no. 3:96-98 May-Je '68.
- Saturation of a plate lying on a half-space. L. L. Melnikova, M. Sh. Gilo. Teplofiz. vyz. temp. 6 no. 3:592-593 May-Je '68.
- Synthesis of new Schiff bases and study of some of their physicochemical properties. T. N. Mal'kevich, V. P. Trifilina, I. A. Savich. Vest. Mosk. un. Ser. 2: Khim. 23 no. 3:52-61 May-Je '68.
- Temperature field of a cylindrical apocynth during the process of its sintering in a furnace. V. T. Komarov, V. A. Ganchenko, O. V. Katsik. Trudy MIIT no. 254:161-165 '67.
- Temperature field in a plug with a heat source and variable boundary conditions of the third order. A. V. Pohlakov. Teplofiz. vyz. temp. 6 no. 3:550-561 May-Je '68.
- Thermal conditions for electric slag hard facing of low carbon steel with Cr3 steel. A. A. Shvartser, D. B. Zolotarevskiy. Avion. av. 21 no. 4:17-19 Apr '68.
- Thermal conductivity of a body of heterogeneous semi-confined mass when transmitting heat from a pipe. V. D. Ol'rik, A. Sh. Asadurina. Izv. vuz. uchob. zav. i nauch. gaz. II no. 5:55-57 '68.
- Thermal decomposition of hydrogen and oxygen. (U. M. Makimov. Trudy MKIIT no. 53:73-84 '67).
- Thermodynamic study of titanium, vanadium and chromium halides. S. A. Shchekarev, U. V. Katal'kov. Probl. sovr. khim. i koord. soch. no. 2:52-74 '68.
- Thermodynamics of heat and mass transfer in a gas-solid particle suspension. A. V. Lykov. Vest. AN SSSR, Ser. fiz.-khim. nauch. no. 1:54-63 '68.
- Thermodynamics of chlorides, bromides and nitrates of lead (II). V. A. Fedorov and others. Probl. sovr. khim. i koord. soch. no. 2:217-227 '68.
- Thermodynamics of gaseous forms of selenium oxides and hydrides. B. B. Dobrov, A. V. Savitskiy, S. M. Stashchev. Probl. sovr. khim. i koord. soch. no. 2:23-53 '68.
- Thermodynamics of the reactions in Li₂O - SiO₂ mixture. M. A. Matvosov, B. N. Trunkov, G. M. Mal'nev. Trudy MKIIT no. 50:84-91 '68.
- Thick-walled heat flow transducer. L. V. Novikov, B. I. Bakun, G. S. Koinarova. Prikl. fiz. i opt., no. 1:47-48 Ja '68.
- Time steam content during surface boiling of a liquid flow in channels. I. I. Morozov. Teploenergetika 15 no. 5:50-52 Apr '68.
- Use of a gas chromatograph in determining the heat conductivity coefficients of gases and vapors. V. S. Zolkin. Zh. fiz. 34 no. 3:302-305 '68.
- Use of approximate analytical solutions of the problem of heat conductivity in a growing crystal for calculating temperature distribution. L. A. Gorlanov and others. Trudy MIIT no. 254:32-37 '67.
- Viscosity of liquid alkali metals in potassium, sodium, and lithium at high temperatures (up to 1500°C). N. A. Kaleshukalskiy. Teplofiz. vyz. temp. 6 no. 3:455-460 May-Je '68.
- 536.24 Heat transfer, exchange**
- Accelerating the cooling of the glass bath with the help of special barrier devices. L. O. Gorenkova and others. Stek. i kor. 25 no. 6:12-16 May '68.
- Applying the Monte Carlo method in the calculation of the thermal conductivity of dielectrics with isotopic defects. B. N. Ivanov. Teplofiz. vyz. temp. 6 no. 3:447-450 May-Je '68.
- Approximate solution of the problem of heating spherical particles with heat sources in counterflow. U. G. Kraschenko, F. R. Shkhar. Teplofiz. vyz. temp. 6 no. 3:474-481 May-Je '68.
- Certain regularities in the temperature field of pyramids used in growing films. V. A. Pavlova, A. A. Uglyov. Fiz. i khim. obr. mat. no. 1:35-41 Ja-Je '68.
- Coefficient of heat emission of an underground pipeline during its cooling. P. I. Tugunov, V. F. Novoslov. Transp. I khim. nefli i nefteprod. no. 4:7-9 '68.
- Daily variation of the water temperature at a variable, with respect to depth, turbulent exchange, and volume absorption of the solar radiation. A. A. Pivovarov, K. P. Anisimova, I. A. Radkina. Vest. Mosk. un. Ser. 2: Fiz., astronom. 23 no. 2:123-125 Apr '68.
- Dependence of the heat transfer coefficient for dropwise condensation of thermal heat. M. N. Ivanovskiy, U. V. Milovanov, V. I. Subbotin. Atom. energ. 24 no. 6:523-529 Jo '68.
- Determining the temperature field of a heated radiator. A. A. Vashilov. Teplofiz. vyz. temp. 6 no. 3:483-497 May-Je '68.
- Dynamics of heat transmission from heaters to liquid media. A. K. Galitskii, V. A. Enzlin, K. V. Stepanov. Elektrotekhnika 58 no. 3:26-28 May '68.
- Effect of the angle of dip of a closed-loop thermophone on the heat transfer. N. M. Solonov. Teploenergetika 15 no. 3:74-76 Apr '68.
- Effect of the configuration of a temperature field on the character of the zone movement during zone melting with a temperature gradient. E. A. Nikolova, V. S. Kravtsovskiy. Trudy MIIT no. 254:66-68 '67.
- Experimental determination of a convective component of complex heat exchange in a tube bank surrounded by a transverse flow using the air flow method. I. I. Krotchikov, A. I. Pokatkov. Trudy MIIT no. 254:174-176 '67.
- Experimental study of the thermal conductivity of liquid rubidium. E. I. Spitzman, I. F. Kravtsov. Teplofiz. vyz. temp. 6 no. 3:151-154 May-Je '68.
- Form of the crystallization front during the growth of single crystals. M. P. Korakov. Trudy MIIT no. 254:71-76 '67.
- Heat exchange between ingot and ingot mold during horizontal continuous steel casting. O. A. Stetskiy and others. Stek. i kor. 25 no. 12:147-151 '67.
- Heat transfer by the free convection of a cylinder in a turbulent gas. R. S. Ivanov. Teplofiz. vyz. temp. 6 no. 3:555-558 May-Je '68.
- Heat transfer in the bubble boiling of mercury at thermal loads up to 2.0·10⁸ W/m². L. G. Gel'man, I. Z. Kopp. Teplofiz. vyz. temp. 6 no. 3:551-555 May-Je '68.
- Heat transfer in the turbulent flow of liquids with variable viscosity. U. P. Sytkov, A. D. Lyngskov. Teplofiz. vyz. temp. 6 no. 3:467-473 May-Je '68.
- Intensity and conditions of heat exchange during the condensation of water vapor in a vertical pipe. V. P. Isachenko, F. Salomovskiy. Teploenergetika 15 no. 5:84-87 May '68.
- Measuring the coefficient of thermal conductivity of vacuum power insulation at high temperatures. G. I. Serebrennikov, L. B. Zarnitskiy, S. N. Shorin. Teplofiz. vyz. temp. 6 no. 3:477-540 May-Je '68.
- Melt temperature under the crystallization front during crystal pulling according to the Czochralski method. L. A. Gorlanov and others. Trudy MIIT no. 254:44-47 '67.
- Method for calculating the temperature nonuniformities in fuel element bundles cooled with liquid metals. M. Kh. Bagirov, A. V. Zhukov. Atom. energ. 24 no. 6:520-523 Jo '68.
- Methods of determining radiation characteristics of metallic and ceramic surfaces. I. T. Ivanov, S. M. Pokrovskiy, L. I. Krotchikov. Trudy MIIT no. 254:105-173 '67.
- Nonstationary generalized plane temperature field and the temperature stresses in crystalline plates. B. M. Kulikov, L. A. Nekota. Kristallografiya 15 no. 3:390-425 May '68.
- Problem dealing with the diffusion in a two-media system. E. M. Katsenkov, G. M. Borisenko, V. V. Nazarovskaya. Izv. vuz. uchob. zav. i nauch. II no. 4:65-75 '68.
- Rate of travel of the zone during zone melting with a temperature gradient. V. N. Lazovskiy. Trudy NPI 170-5-12 '67.
- Regime lines of the thermal regime in solids in radiative heat transfer. G. P. Kotlov. Teplofiz. vyz. temp. 6 no. 3:462-468 May-Je '68.
- Remarks on the article "Thermal conductivity and dependence of thickness of a coating of aluminum oxide at high temperatures." V. A. Petrov. Teplofiz. vyz. temp. 6 no. 3:573-574 May-Je '68.
- Study of the radiative-convective heat exchange in mechanically retarded gas suspension. U. I. Morozov, U. I. Shkhar. Khim. prom. Ukr. no. 3:32-38 Ja-Je '68.
- Temperature conditions in pipes during supercritical pressures. M. E. Shidman. Teploenergetika 15 no. 5:57-61 May '68.
- Temperature field in a heat-insulating briquet. V. A. Efimov, V. G. Poterko. Fiz. i khim. obr. mat. no. 1:100-108 Ja-Je '68.
- Zonal study and calculation of radiant heat exchange in a prismatic chamber with nonparallel branches. U. A. Surinov, G. P. Luk'achenko. Izv. vuz. uchob. zav. i nauch. II no. 5:86-91 Je '68.
- 536.46 Combustion, flames**
- Basic factors determining the possibility of the combustion of porous explosives changing over from normal to accelerated conditions. K. K. Andreev. Trudy MKIIT no. 53:120-135 '67.
- Combustion of dynamite and amatol. K. K. Andreev, A. P. Glazkova. Trudy MKIIT no. 53:321-329 '67.
- Combustion under increasing pressure of powdered ammonium perchlorate and its mixtures with aluminum. Trudy MKIIT no. 53:120-130 '67.
- Dependence of the combustion rate of explosives on initial temperature. K. K. Andreev, M. S. Pilyasov. Trudy MKIIT no. 53:263-288 '67.
- Effect of combustion conditions and charge characteristics on the stability of combustion of powdered explosives. K. K. Andreev, V. V. Gorkunov. Trudy MKIIT no. 53:149-163 '67.
- Effect of density, magnitude, and structure of a charge on the combustion of porous materials at atmospheric pressure. B. N. Kondrikov. Trudy MKIIT no. 53:168-177 '67.
- Effect of pressure and temperature on the combustion of powdered explosives at low density charges. B. N. Kondrikov, M. A. Chingunov. [Ma Ch'in-yin] Trudy MKIIT no. 53:207-221 '67.
- Effect of pressure on the capacity of secondary explosives to combustion. V. E. Anisimov, B. N. Kondrikov. Trudy MKIIT no. 53:300-309 '67.
- Effect of some additives on combustion ammonium nitrate. K. K. Andreev, A. P. Glazkova. Trudy MKIIT no. 53:334-341 '67.
- Effect of some combustible additives on the stability of combustion of ammonium nitrate and perchlorate and mixtures based on it. K. K. Andreev, V. M. Rogozhnikov. Trudy MKIIT no. 53:143-176 '67.
- Inflammation of explosives. K. K. Andreev, V. M. Rogozhnikov. Trudy MKIIT no. 53:286-300 '67.
- Ignitable action. G. Melecherikov, V. Tarkhanovskiy. Izobr. i izm. no. 12:32 '67.
- Pressure dependence of the combustion rate of some salts of explosive acids. B. S. Svetlov, A. E. Fogel'yang. Trudy MKIIT no. 53:328-336 '67.
- Some factors for determining the development of combustion acceleration of powdered explosives under increasing pressure. K. K. Andreev, V. M. Rogozhnikov. Trudy MKIIT no. 53:100-108 '67.
- Stability of normal combustion of powdered explosives. K. K. Andreev, V. V. Gorkunov. Trudy MKIIT no. 53:135-149 '67.
- Study of the combustion of potassium permanganate. B. N. Kondrikov, R. S. Svetlov, A. E. Fogel'yang. Trudy MKIIT no. 53:338-346 '67.
- 536.48 Low temperature phenomena**
- Asymptotic solution of the ising problem with arbitrary interaction between particles at low temperatures. V. A. Kravtsov, O. A. Ol'khov, B. N. Provotorov. Zhur. eksp. i teor. fiz. 54 no. 2:456-462 Apr '68.
- 536.76 Entropy, irreversible processes**
- Entropy as a measure of rock anisotropy. I. A. Burlikovskiy. Sov. geol. II no. 3:133-138 May '68.
- 537.2 Electrostatics, Electric charges, etc.**
- Bipolar charging of fibers on electrodes, method for detecting it and threshold value of the charge. V. I. Popkov, P. T. Nagl-Zade. Izv. AN SSSR, Energ. i transport. no. 1:60-65 Jan-F '68.
- Comparative evaluation of the electric conductivity of leather materials. A. F. Miglachenko. Khim. i obr. prom. 10 no. 4:37-38 Apr '68.
- Dielectric relaxation in some chlorides-containing polymers. U. I. Kalanin, L. G. Melnikova. Arm. khim. zhurn. 21 no. 3:201-203 '68.
- Effect of the electric field on the amplitude of oscillations in ZnSg single crystals. V. I. Panov, K. F. Govaiko, V. S. Bezol. Izv. vuz. uchob. zav. i nauch. II no. 5:90-95 '68.
- Electric field effect in the paramagnetic resonance of Cr³⁺ in CrWO₄. M. I. Inshurilov and others. Izv. vuz. uchob. zav. i nauch. II no. 4:157-160 '68.
- Electrical properties of paint materials and optimum conditions of their dispersion in an electric field. R. N. Vlashevich, A. I. Shchekina, M. I. Shupina. Lakokras. mat. i kh. prim. no. 2:42-44 '68.
- Experimental study of heat emission during free convection in an electrostatic field. V. M. Benik, G. P. Volkovskiy. Izv. vuz. uchob. zav. i nauch. II no. 5:52-53 May '68.
- Frequency of lightning discharges to ground. D. A. Kulov. Elektr. sign. 30 no. 0:01-03 Jo '68.
- Heterophase phase transitions in organic liquids under the action of strong electric fields. P. I. Golubchik and others. Dokl. AN SSSR 180 no. 4:528-531 Jo '68.
- Ignitable action. G. Melecherikov, V. Tarkhanovskiy. Izobr. i izm. no. 12:32 '67.
- Stability of the applicability of spectroscopic methods in determining the concentration of charged particles in a low temperature plasma and their accuracy. L. I. Grechikhin. Teplofiz. vyz. temp. 6 no. 3:507-512 May-Je '68.
- Luminescence of thin single-crystal layers of rock salt in strong electric fields. G. A. Vorobov and others. Izv. vuz. uchob. zav. i nauch. II no. 5:110-118 '68.
- Nature of the reversible and irreversible forms of chemisorption on semiconductors. E. N. Pilyasovskiy, F. F. Volkovskiy. Dokl. AN SSSR 180 no. 2:408-411 May '68.
- Quantum processes in a constant and uniform electric field. N. B. Narozhnyi. Zhur. eksp. i teor. fiz. 54 no. 2:676-688 Apr '68.
- Reducing the losses of varnish during electric varnishing of chairs. A. G. Iakimov. Lakokras. mat. i kh. prim. no. 2:66-68 '68.
- Study of the contact charging of finely-dispersed grain products. I. S. Porosovskiy, M. D. Lerman, Kh. I. Klyger. Trudy VNIIT no. 56:15-24 '68.
- 537.226 Dielectrics, Ferroelectricity**
- Applying the Monte Carlo method in the calculation of the thermal conductivity of dielectrics with isotopic defects. B. N. Ivanov. Teplofiz. vyz. temp. 6 no. 3:447-450 May-Je '68.
- Calculation of the spectrum of electrostatic oscillations of a magnetoelectric resonator using a plane wave technique. A. F. Baranov, E. V. Burslan, Uch. zap. Ped. inst. Gerts. 384 no. 3:14-20 '67.

537.6 (Continued)

Static stability of parallel electrical arcs. S. A. Kurkov.

Elektricheskoy no. 2:83-84 F '68.

Stationary fields in high-frequency discharges at low pressure. V. A. Godek and others. Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:126-127 Mr.-Ap '68.

Studying the excitation energy transfer of Er - Ho, Er - Tu in CaF₂ crystals. I. U. Voron'ko and others. Zhur. eksp. i teor. fiz. 64 no. 2:367-373 F '68.

Studying the oriented growth of cuprous oxide in the case of ion bombardment. M. Meier, P. Kralmann, J. J. Trillat, Rost. kristal. 8:140-150 '68.

Temperature profile of an arc filament of a small cross section. I. I. Kiselevskii, V. D. Sulmanovich, A. K. Sripal, Teplofiz. vys. temp. 6 no. 3:405-409 My-Je '68.

Theory of a low-voltage arc in short gas gaps. A. P. Molodtshchik, Zhur. tekhn. fiz. 38 no. 5:802-913 My '68.

537.531 X rays. Gamma rays

Direct determination of the structure formed by magnetic crystalline fields on nuclei having Mössbauer isotopes. V. A. Bellok, I. U. Al'vazian, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:477-480 Je '68.

Effect of a single and fractional irradiation on the formation of presumptions and early tumorous processes in the ovaries of mice. A. V. Gukhova, Biol. eksp. biol. 4 no. 5:83-84 Ap '68.

Effect of the radiosensitivity of the organism on the character of functional changes in the vestibular analyzer following the effect of ionizing radiation. I. V. Farber, L. A. Tikhakova, Biol. eksp. biol. i med. 65 no. 4:51-53 Ap '68.

Fractional X-ray diagnosis in lesions of lumbar intervertebral disks. B. N. Esperov, I. I. Khudoloi, Vop. nefrokhir. 32 no. 2:10-13 Mr.-Ap '68.

Phase problem and correlation properties of X-ray beams. A. V. Kolpakov, R. N. Kuz'min, Dokl. AN SSSR 180 no. 1:63-65 My-Je '68.

537.533 Negative rays. Cathode rays. Electron optics

Anisotropy of cathode sputtering of metals, dielectrics, and semiconductors. A. I. Krokina, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:110-126 Mr.-Ap '68.

Electron interference at the edge of thin charged films. I. P. Anakin, K. S. Kuminov, I. G. Stojanov, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 3:81-84 F '68.

Electron microscope study of condensation structure of acetylenolysis by the method of ultrathin sections. O. G. Tarakanov and others. Dokl. AN SSSR 180 no. 1:154-155 My-Je '68.

Electron microscope study of some generative and vegetative organs of a triploid corn mutant. V. N. Iyolkov, P. I. Rik, I. M. Hiesgubov, Trudy Kish. sel'khoz. inst. 46 no. 3:40-48 '67.

Study of the corn leaf mesophyll under an electron microscope. V. N. Iyolkov, I. A. Karpova, Trudy Kish. sel'khoz. inst. 46 no. 3:48-51 '67.

Theory of the contrast of microfield images in the emission electron interference. N. N. Sedov, G. V. Spivak, V. G. Dukov, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 3:61-71 My-Je '68.

537.634 Positive rays. Anode rays. Canal rays

Angular and energy distribution of secondary ions when a target is bombarded by ions at glancing angles. U. A. Arifov, A. A. Aliev, Dokl. AN SSSR 180 no. 2:312-315 My '68.

537.7 Electrical measurements

Electrical measurement of pressures in the pneumatic transport process. B. A. Kuz'min, Trudy VNI 40:266-275 '68.

Measurement of the electric parameters of materials with a big ϵ by using self-oscillating resonant circuits. I. S. Rappo, Izv. Vses. geog. ob.-va 100 no. 2:186-182 '68.

538 Magnetism. Electromagnetism

Anisotropic exchange and the anisotropy of the magnetic properties of rare earth metals. I. U. Irkhin, V. V. Druzhinin, A. A. Kazakov, Zhur. eksp. i teor. fiz. 64 no. 4:1183-1188 Ap '68.

Anisotropy of the Zeeman effect in the cubic antiferromagnetic crystal RbMnF₃. V. V. Eroshenko, V. P. Novikov, I. A. Popkov, Zhur. eksp. i teor. fiz. 54 no. 4:1037-1043 Ap '68.

Asomolities of the longitudinal resistance of semiconducting Bi-Sb alloys in a magnetic field of up to 500 kilogauss at the temperature of liquid helium. N. B. Brandt and others. Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:441-445 Je '68.

Aromatic temperature dependence of spin density in PrF₃ single crystals. M. I. Atanas'ev, S. P. Gakhov, A. G. Landin, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:451-454 Je '68.

Best distribution of a limited number of current-carrying turns on a magnetized cylindrical iron. S. I. Kurenov, R. S. Karakina, Elektricheskoy no. 3:83-86 Mr '68.

Calculation of the field of scattering of ferrite sondes. E. N. Langvagon, Izv. vys. ucheb. zav. i elektromekh. 4 no. 4:448-443 Ap '68.

Change of anisotropy of the magnetic viscosity of single crystals of magnesium-manganese ferrites at temperatures from -105° C to the Curie point. K. T. Makarov, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:26-32 Mr.-Ap '68.

Cyclotron resonance in an inclined magnetic field. M. I. Azbel', V. G. Peschanskii, Zhur. eksp. i teor. fiz. 54 no. 2:477-490 F '68.

Cyclotron resonance in thin films. V. G. Peschanskii, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:493-492 Je '68.

Dependence of transverse relaxation times on the structure of crystalline aluminosilicates and hydrocarbon structure determined by the spin echo method. I. M. Kolesnikov, G. M. Panchenkov, N. N. Borisenko, Zhur. fiz. khim. 42 no. 4:994-995 Ap '68.

Design of a solenoid-type differential transformer converter. V. P. Avdeev, I. I. Peldker, Izv. vys. ucheb. zav. i elektromekh. no. 4:426-432 Ap '68.

Dependence of the magnetic properties of Ni₂KH₁₀ and Ni₂KH₁₂ steels on the heat treatment. B. P. Khromov, G. R. Demarev, G. A. Huzinov, Izv. vys. ucheb. zav. i fiz. 11 no. 4:85-89 '68.

Determination of radial and axial components of a rotating magnetic field in a cylindrical inductor with a magnetic circuit. S. A. Levitan, A. A. Ushakov, Izv. vys. ucheb. zav. i elektromekh. no. 3:234-240 Mr '68.

Determining the molecular field coefficients according to the type of temperature dependence of the saturation magnetization. V. F. Sukhtarov, V. V. Karavayeva, Izv. vys. ucheb. zav. i fiz. 11 no. 3:129-130 '68.

Dual-invariant electrodynamics. V. I. Strazhev, L. M. Tomil'chik, Vest. AN SSSR, Ser. fiz. - mat. nav. no. 2:102-108 '68.

Dynamic distortion of a nonuniformly widened electron paramagnetic resonance line. N. A. Efremov, M. A. Kuzhnetsov, V. N. Sokolov, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:473-476 Je '68.

Effect of the tensor of viscous stresses on the instability of Alfvén waves in nonuniformly moving media. A. S. Gribnikov, Vest. LDU 23 no. 10:35-40 My '68.

Effect of the thickness of the interlayer on Neel's bonding energy of two-layer magnetic films. B. I. Golovnev and others. Izv. vys. ucheb. zav. i fiz. 11 no. 4:19-22 '68.

Electric filters with rotating field. S. A. Levitan, I. V. Dmitriev, Izv. vys. ucheb. zav. i elektromekh. no. 3:223-233 Mr '68.

Electromagnetic methods for measuring the parameters of magnetohydrodynamic processes. Elektronnaya melody izmereniya parametrov MGD - protsesov, Riga, "Zinatne," 1968. 107 p.

Electron paramagnetic resonance spectra of negative low-railcates of some quinone imines. I. I. Skripko, V. M. Kozakova, Zhur. struk. khim. 9 no. 2:366-369 Mr.-Ap '68.

Emmer, J. W., J. Feeny, and L. H. Slichter. High resolution nuclear magnetic resonance spectroscopy. Translated from the English. Spokroshchaya iudnogo magnitnogo rezonansn vysokogo razresheniya. Pod red. V. F. Gysnova i I. U. Sholukera. Moskva, "Mir," T. 1. 1968. 630 p.

Engineering calculation of principal parameters of electromagnetic devices using standardized shell-type cores with air gaps. E. I. Gol'dstein, I. V. Traut, Izv. vys. ucheb. zav. i elektromekh. no. 4:433-130 Ap '68.

Errors in integration of high resolution nuclear magnetic resonance spectra. A. N. Lubimov, A. F. Voronik, Zhur. struk. khim. 9 no. 2:338-340 Mr.-Ap '68.

Experimental determination of exchange integrals for ferrites with two kinds of magnetic ions. N. V. Volkova, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:114-116 Mr.-Ap '68.

Galvanomagnetic effect of the easy cobalt in the range of 2-25 transformations. V. V. Zubov, I. G. Shter, Izv. vys. ucheb. zav. i fiz. 11 no. 5:110-120 '68.

Heat calculation in electromagnetic brakes of a drilling rig drive works. I. U. Kulov, I. U. M. Seldov, I. A. Tamrazova, Za tekhn. prog. 6 no. 6:10-20 Je '68.

Jokirakko, S. N. [Teasing magnetic components of automatic equipment] Ispytaniya magnitnykh komponentov avtomaticheskikh ustroystv. Moskva, "Energiya," 1968. 96 p. (Iz-ka po avtomatike. Vyp. 202).

Inability of magnetostatic waves in ferrites. V. S. Tumenov, Izv. vys. ucheb. zav. i fiz. 11 no. 5:31-35 '68.

Magnetic susceptibility and electroconductivity of the highest chromium germanide. V. L. Zagrebitskii, I. V. Gol'd, A. K. Shch'pits, Izv. vys. ucheb. zav. i fiz. 11 no. 5:46-49 '68.

Magnetism and polymers. Prom. Arm. 10 no. 2:67 '68.

Magnetization of single crystals of rare-earth ferrites: garnets near the Curie point. L. V. Talanova, A. A. Chernikova, O. A. Arkhiv, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:87-100 Mr.-Ap '68.

Method for calculating magnetic flux in transform modes. V. E. Skobelev, A. A. Surortkov, Izv. vys. ucheb. zav. i elektromekh. no. 3:253-262 Mr '68.

Nuclear magnetic resonance relaxation using the aldoband method. N. M. Ievskala, R. M. Umarzhodiyeva, O. S. Bystrov, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:3-10 Mr.-Ap '68.

On the problem of a second charge in dual-invariant electrodynamics. A. S. Polupa, V. I. Strazhev, L. M. Tomil'chik, Vest. AN SSSR, Ser. fiz. - mat. nav. no. 2:126-128 '68.

On the problem of the de Haas-van Alphen effect in the case of a magnetic breakdown. A. P. Kochkin, Zhur. eksp. i teor. fiz. 64 no. 2:603-611 F '68.

Parallelopiped of magnons in the absorption of light by antiferromagnetic oxygen. I. U. G. Litvinenko, V. V. Eremenko, T. I. Garber, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 10:378-382 My '68.

Radiation of a charge moving in an inhomogeneous magnetic field. V. G. Bagrov, V. A. Borodulyayn, A. B. Zluravlyev, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 3:107-109 My-Je '68.

Rotary hysteresis losses and the magnetic anisotropy in barium and barium-cobalt hexaferrite single crystals. A. I. Drekin and others. Izv. vys. ucheb. zav. i fiz. 11 no. 4:7-12 '68.

Single-photon production of the electron-positron pair in a magnetic field. V. G. Bagrov, L. I. Korovina, B. V. Kholmat, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:120-123 Mr.-Ap '68.

Some complex compounds of niobium studied by the electron paramagnetic resonance method. I. F. Gal'mulin, N. S. Garti'lyanov, D. M. Koz'yev, Dokl. AN SSSR 180 no. 4:858-860 Je '68.

Spectral features of magnetic shielding by spherical shells. V. V. Ivanov, Izv. vys. ucheb. zav. i elektromekh. no. 6:505-508 Je '68.

Stochastic autoradiation acceleration of charged particles. V. A. Davydovskii, Zhur. eksp. i teor. fiz. 54 no. 4:1264-1269 Ap '68.

Studying the antiferromagnetic resonance in cobalt carbonate in a wide frequency range. G. D. Gogomolov and others. Zhur. eksp. i teor. fiz. 54 no. 4:1089-1072 Ap '68.

Studying the domainizing fields of a thin ferromagnetic film along the axis of burnt magnetization, and the dependence of the stray field on the gap. A. K. Harnov, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 3:11-17 My-Je '68.

Studying the galvanomagnetic properties of osmium. N. E. Alekseyevskii and others. Zhur. eksp. i teor. fiz. 54 no. 2:350-353 F '68.

Theory of magnification curves and the magnetodiffraction of neutrons. N. S. Akulov, Vest. AN SSSR, Ser. fiz. - tekhn. nav. no. 1:104-107 '65.

Theory of resonant electromagnetic systems with total internal reflection. P. I. A. L. V. Jaganan, Zhur. tekhn. fiz. 38 no. 5:781-780 My '68.

Use of the anomalous method in studying the form of magnetic resonance signals. N. M. Ievskala, R. M. Umarzhodiyeva, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 3:5-10 My-Je '68.

Violation of space parity in nuclear electromagnetic transitions. V. A. Boliakov, Zhur. eksp. i teor. fiz. 54 no. 11:62-1171 Ap '68.

538.11 General laws of magnetic action. Coercive force

Electron-hole centers in natural and synthetic monocrystals of calcite with phosphorus impurity. I. V. Borshov and others. Zhur. struk. khim. 9 no. 2:308-311 Mr.-Ap '68.

Electron paramagnetic resonance in irradiated crystals of zinc with different admixtures. M. I. Samoilovich, A. I. Novozhilov, O. P. Barsenov, Geokhimiya no. 4:404-409 Ap '68.

Electron paramagnetic resonance of Mn(II) in fluoroboric glass. E. I. Andrahtova, G. T. Potrovska, Dokl. AN SSSR 180 no. 1:108-108 My-Je '68.

Electron paramagnetic resonance of Mn²⁺ in silicate. V. M. Vinokurov, R. S. Tikhvintsin, Geokhimiya no. 4:460-467 Ap '68.

Electron paramagnetic resonance spectra, electron absorption spectra and structure of glasses of the system Na₂O - TiO₂ - SiO₂. T. A. Sidorov, V. A. Tikhvintsin, Izv. AN SSSR, Neorg. nat. 4 no. 4:676-683 Ap '68.

Mossbauer effect of ⁵⁷Co nuclei in aluminosilicates. A. S. Marfisi, A. R. Krichen, Geokhimiya no. 4:466-468 Ap '68.

Paramagnetic shifts of protons of solvents in the presence of organic radicals. N. A. Syrovova, A. U. Stepanova, A. L. Buchachenko, Zhur. struk. khim. 9 no. 2:311-312 Mr.-Ap '68.

538.12 Magnetic fields

Classical calculation on nonresonance negative absorption in a magnetic field. D. V. Gal'tsov, I. U. G. Pavlovskiy, Vest. Mosk. un. Ser. 3: Fiz., astron. 23 no. 3:114-116 My-Je '68.

Direct determination of the structure formed by magnetic crystalline fields on nuclei having Mössbauer isotopes. V. A. Bellok, I. U. Al'vazian, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:477-480 Je '68.

Effect of a magnetic field on scale formers. I. V. Telentikhin, B. T. Gusev, Elektr. sv. 30 no. 8:49-62 Ag '68.

Effect of ultrahigh frequency magnetic fields on the condition reflex regulation of the cardiac activity and respiration. M. I. Iakovleva, Zhur. vys. nerv. detat. 10 no. 3:418-424 My-Je '68.

Farouq is a magnetic field on forbidden and allowed radiative transitions in a CaF₂-Dy³⁺ crystal. B. P. Zakharenko, I. B. Ruzanov, A. A. Ryshkin, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 10:362-365 My-Je '68.

Fluctuation of the indication of an effective magnetic field on the nucleus of ⁵⁷Co in a gadolinium garnet as it passes through the point of compensation. I. S. Lubutin and others. Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 10:370-373 My '68.

Local states of an electron in a potential well due to a strong magnetic field. I. S. Kuchukin, Zhur. eksp. i teor. fiz. 64 no. 4:1213-1219 Ap '68.

Perturbance of the air-gaps and calculation of the magnetic fields of antiferromagnetic synchronous machines. A. I. Val'dok, R. A. Lakhmeis, Izv. vys. ucheb. zav. i elektromekh. no. 6:669-671 Je '68.

Possible mechanism of the formation of magnetic fields of sunspots. A. V. Gotting, B. A. Tverskol. Astron. zhur. 45 no. 3:600-600 '68.

539 Physical nature of matter

Dynamic theory of vibrational spectra of molecular crystals. E. I. Rasbina, Zhur. eksp. i teor. fiz. 54 no. 2:543-559 F '68.

Algebraic methods in the study of ionic structures. S. A. Shekharov, Izv. sov. khim. koord. sood. no. 2:5-23 '68.

Modification of the method of elastic solutions. A. N. Chizhikov, Strukt. mekhn. i rasch. soor. 10 no. 1:28-30 '68.

Mott transition in the system of excitons in germanium. V. M. Anan, A. A. Rogachev, Pis'm. v red. Zhur. eksp. i teor. fiz. 7 no. 12:464-467 Je '68.

539.12 (Continued)

- Single-particle states in a simple model of the quantum field theory. V. B. Gerasimov, V. A. Sankov, Vest. Mosk. un. Ser. 3: 112, 23 no. 2:112-114 Mr-Apr '68.
- Stochastic autoregressive acceleration of charged particles. V. A. Davydovskii. Zhur. eksp. i teor. fiz. 54 no. 4:1201-1209 Ap '68.
- Theory of multiple scattering. Part 3. III. N. Gnedin, A. Z. Dolginov, A. I. Tsygan. Zhur. eksp. i teor. fiz. 54 no. 2:491-507 F '68.
- Theory of muon mechanism of μ -meson depolarization in media. I. G. Ivanov, V. P. Smilga. Zhur. eksp. i teor. fiz. 54 no. 2:559-570 F '68.
- Triangular graph in $Y_0(1520) \rightarrow \Delta \pi$ and the determination of the scattering length of π -mesons. V. V. Anisovich, E. M. Levin, A. K. Likhoded. Pis'ma v red. Zhur. eksp. i teor. fiz. 7 no. 3:99-101 F '68.
- Unitary-invariant scheme of the nonlinear spinor theory. A. I. Nagnov, Vest. Mosk. un. Ser. 3: 112, 23 no. 2:41-47 Mr-Apr '68.
- Utility structure of weak asymptotic interaction which is changing the parity and angularity. I. M. Lipanov. Pis'ma v red. Zhur. eksp. i teor. fiz. 7 no. 3:108-110 F '68.
- Valency electron core correlation and the polarization potential. A. V. Shchif, Vest. L.GU: 23 no. 10: 22-27 My '68.

539.14 Nuclei, forces, models, etc.

- Calculation of potential energy of intermolecular reactions in crystals of organic compounds. V. I. Poltev, R. I. Sukhorukov, Zhur. strukt. khim. 9 no. 2:298-304 Mr-Apr '68.
- Classification of excited states of lightweight nuclei in a transitional invariant shell model and their associative structure. I. U. Smitinov, K. V. Shilnikova, S. Kh. I. Samalov, Vest. Mosk. un. Ser. 3: 112, 23 no. 2:31-40 Mr-Apr '68.
- Effect of the geometric properties of the environment of a Mossbauer nucleus in polycrystals on the angular distribution of resonant scattered γ -quanta. B. A. Komarskova, A. A. Sorokin. Zhur. eksp. i teor. fiz. 54 no. 2:424-431 F '68.
- Ernst, J. W., J. Feeney, and I. H. Ruliffe. [High resolution nuclear magnetic resonance spectroscopy. Translated from the English] Spektroskopiya i mognost' magnitnogo rezonansa vysokogo razresheniya. Pod red. V. F. Bystrykh i I. U. N. Shelnkern. Moskva, "Mir," T. I, 1968. 630 p.
- Creativity of valence and atomization energies. Part 1: Alkanes. V. G. Dastayevskii. Zhur. strukt. khim. 9 no. 2:280-297 Mr-Apr '68.
- Intensities of partial radiation transitions to the ground and first excited states in the resonance of the isotope Ca^{45} . L. S. Danilov, N. V. Efimov, S. K. Solntsev. Zhur. eksp. i teor. fiz. 54 no. 2:401-409 F '68.
- Polarization of Eu^{153} nuclei in metallic samarium. V. P. Partenova, A. L. Krizhnikin. Zhur. eksp. i teor. fiz. 54 no. 2:410-412 F '68.
- Spectra of the lower levels of Cl^{35} and K^{40} nuclei. E. A. Rudak. Vest. AN SSSR. Ser. fiz.-mat. nat. 54 no. 2:76-79 '68.
- Spin waves and local spin states in crystals with dislocations. Kh. I. Pushkarov, M. A. Savchenko, V. V. Tarasenko. Zhur. eksp. i teor. fiz. 54 no. 2:571-582 F '68.
- Variation of the spin-lattice relaxation time T_1 and multiplicity in the nuclear quadrupole resonance spectra of molecular crystals during phase transitions. T. A. Il'inskiy, G. K. Semina. Kristallografiya 13 no. 3:517-520 My '68.

539.15 Radioactivity and decay

- Changes of radioactive equilibrium between actinium and radium in underground waters. A. S. Vershinin. Razved. i okh. nedr. 34 no. 5:58-60 My '68.
- Determination of the age of magnetite by the alpha-holmium method. I. N. Ovsinnikov, A. S. Star, B. V. Baranov. Dokl. AN SSSR 180 no. 2:100-103 My '68.
- Effective cross sections of atomic displacement in some two-component glasses due to γ -rays. V. M. Neusturov. Izv. vys. ucheb. zav. fiz. 11 no. 5:87-90 '68.
- Gamma-radiation in the case of I^{131} Mev, neutron interaction with the nuclei of C, N, O, F, Al atoms. G. N. Maslov, F. Nasyrov, N. I. Pashkin. Atom. energ. 24 no. 6:573-575 Ju '68.
- Investigating the volume fields of absorbed doses of reactor γ -radiation in a polyethylene specimen. H. A. Briskman, V. P. Savina. Atom. energ. 24 no. 6:566-567 Ju '68.
- Isotopic composition of uranium and content of actinium in minerals and natural waters. N. B. Kadyrov and others. Geokhimiya no. 4:392-394 '68.
- Plutonium-238 in nature. V. V. Chudaytsev and others. Geokhimiya no. 4:395-401 Ap '68.
- Radiation loss in large-photograph fluorography. A. A. Shilev, V. L. Burman, I. Z. Mazarakhi. Med. rad. 13 no. 3:70-82 Mr '68.
- Research in the natural radioactivity of man. R. I. Gabunila. Med. rad. 13 no. 5:77-81 My '68.
- Secondary dispersion halos of radioactive elements in loesslike rocks. E. F. Posikhonov, I. V. Zolotarev. Razved. i okh. nedr. 31 no. 8:52-55 Ap '68.
- Study of calcium adsorption on the surface of sodium metasilicate nonhydrate by means of radioactive calcium Ca^{45} isotope. Part 2. S. G. Babatjan, A. M. Arutunyan, M. G. Manvelyan. Arm. khim. zhur. 21 no. 3:210-217 F '68.
- Triangular graph of $Y_0(1520) \rightarrow \Delta \pi$ and the determination of the scattering length of π -mesons. V. V. Anisovich, E. M. Levin, A. K. Likhoded. Pis'ma v red. Zhur. eksp. i teor. fiz. 7 no. 3:99-101 F '68.

539.17 Nuclear reactions

- Analysis of lithium by the yield of $\text{Li}^{7}(\alpha, n)^{4}\text{He}$ reaction. G. I. Mikhaitov, L. P. Sarchik. Atom. energ. 24 no. 6:575-576 Ju '68.
- Contribution of the (n, α) and (n, p) effect of beryllium to the neutron multiplication factor. A. K. Krasin, G. I. Pilyov. Vest. AN SSSR. Ser. fiz.-tekhn. nat. 54 no. 1:52-53 '68.
- Experimental determination of the number of fast neutrons in a fission spectrum. F. Nasyrov, B. D. Sishorskii. Dokl. AN SSSR 180 no. 4:836-838 Ju '68.
- Generalization of the time inversion operator in a ternary model. L. E. Echeverez. Izv. vys. ucheb. zav. fiz. 11 no. 5:153-154 '68.
- Induced synchrotron emission of electrons in a hollow cylindrical resonator. V. P. Grigorov, A. P. Privetunov. Izv. vys. ucheb. zav. fiz. 11 no. 5:154-156 '68.
- Intercluster distances in binary crystalline substances. I. I. Zaslavskii, E. A. Ashteva. Uch. zap. Mord. gos. un. no. 80:3-11 '67.
- Investigation of the high-temperature electron component of a plasma produced in the plasma-boom system. I. P. Zakharov and others. Zhur. eksp. i teor. fiz. 54 no. 4:1088-1095 Ap '68.
- Measurement of the cross sections of neutron capture by radioactive Co^{60} , Cu^{63} , and Sc^{45} nuclei. I. A. Korobov and others. Atom. energ. 24 no. 6:538-540 Ju '68.
- Multipolarity of a 0.845 Mev. transition in a V^{52} nucleus. A. P. Bogdanov and others. Vest. AN SSSR. Ser. fiz.-mat. nat. no. 2:122-125 '68.

539.18 Physics of single atoms

- Calculating the energy of an atom in the Thomas-Fermi model with spectral reference to oscillations. O. V. Troshin. Izv. vys. ucheb. zav. fiz. 11 no. 4:36-58 '68.
- Connection to the density of atomic electrons allowing for oscillations. O. V. Troshin. Izv. vys. ucheb. zav. fiz. 11 no. 3:99-95 '68.
- Deflection reconstruction. I. L. Holzman, L. A. Vainshildin, R. A. Simbuev. Usp. fiz. atom. 95 no. 2:267-292 '68.
- Equation for effective potential of an atom with correction allowing for oscillations. O. V. Troshin. Izv. vys. ucheb. zav. fiz. 11 no. 3:10-11 '68.
- Equation of state of a resonant excited gas. I. U. A. Yelova. Zhur. eksp. i teor. fiz. 54 no. 2:445-455 F '68.
- Lifetime of the metastable states of heliumlike ions. V. S. Semakova, R. Tekin. Vest. Mosk. un. Ser. 3: 112, 23 no. 3:120-122 My-Ju '68.
- Postionium characteristics in quantum electrodynamics and the perturbation theory. M. A. Dikun. Zhur. eksp. i teor. fiz. 54 no. 4:1220-1227 Ap '68.
- Radiation atomization of a single crystal of gold by fast neutrons. R. I. Garber and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 7 no. 10:375-378 My '68.
- Saturation of the Doppler spectrum. A. I. Burakova. Zhur. eksp. i teor. fiz. 54 no. 4:1120-1131 Ap '68.
- Some aspects of the Holstein problem. N. G. Prokhorovskii, A. V. Semina, S. V. Tsakori. Izv. vys. ucheb. zav. fiz. 11 no. 4:39-40 '68.
- Standard for the determination of paleotemperature according to the isotopic composition of oxygen of organic gases. I. V. Tolst and others. Geokhimiya no. 2: 102-108 F '68.

539.19 Physics of single molecules

- Analysis of the vibrational structure of the emission spectrum of the SiBr_4 molecule. L. A. Kuznetsova, R. E. Kar'zhenko, H. A. Kuzakov. Vest. Mosk. un. Ser. 3: 112, 23 no. 3:30-35 My-Ju '68.
- Analysis of the vibrational system $2^2 \Sigma^+$ of the GeCl_4 molecule. A. P. Filipova, I. U. A. Kuzakov. Vest. Mosk. un. Ser. 3: 112, 23 no. 3:26-29 My-Ju '68.
- Approximate method for definition of radiolysis constants R_g for normal electron states of diatomic molecules. O. V. Kovaleva. Izv. vys. ucheb. zav. fiz. 11 no. 4: 154-157 '68.
- Assembly of supramolecular structures. S. N. Borzhonov, T. Sologova 10 no. 5:533-547 My '68.
- Calculation and interpretation of the vibrational spectra of methylhydrogen and its deuterioisotopes. I. A. Evseeva, L. M. Sverdlov. Izv. vys. ucheb. zav. fiz. 11 no. 4:132-136 '68.
- Calculation of fundamental groups for molecules of polymers and cationes. I. V. Krivoviel. Zhur. strukt. khim. 9 no. 2:285-288 Mr-Apr '68.
- Calculation of the force constants and interpretation of vibrational spectra of cyclopentadiene and its deuterioisotopes. I. A. Evseeva, L. M. Sverdlov. Izv. vys. ucheb. zav. fiz. 11 no. 5:91-94 '68.
- Contribution to the interaction of three atoms to the equation on state of a nonideal dissociable gas. A. M. Semov. Teplofiz. vys. temp. 6 no. 3:421-426 My-Ju '68.
- Determination of energy of dissociation of some monohalides of carbon subgroup. I. U. A. Kuzakov. Vest. Mosk. un. Ser. 3: 112, 23 no. 3:21-24 My-Ju '68.
- Effect of temperature on the properties of pulsed generation on electron transitions in diatomic molecules. V. M. Kaslin, G. G. Petrashev. Zhur. eksp. i teor. fiz. 54 no. 4:1051-1063 Ap '68.
- Electron diffraction study of niobium, tantalum, and tungsten pentachloride molecules. V. P. Spiridonov, O. V. Romanov. Vest. Mosk. un. Ser. 3: 112, 23 no. 3: 10-13 My-Ju '68.
- Electron levels of Se^{2-} and Si^{2-} . V. I. Nefedov, V. A. Fomchev. Zhur. strukt. khim. 9 no. 2:279-284 Mr-Apr '68.

- Frequency calculation and interpretation of the vibrational spectra of methylsubstituted of butane. I. A. Erseva, L. M. Sverdlov. Izv. vys. ucheb. zav. fiz. 11 no. 4: 126-139 '68.
- Integrals of the collision of methylated Buckingham potential for large α . A. S. Umanitski, S. S. Bogdanov. Teplofiz. vys. temp. 6 no. 3:513-515 My-Ju '68.
- Internal rotation potential in the 1,2-difluorobenzene molecule. I. A. Mikhailov, R. I. Mikhailov. Dokl. AN SSSR 180 no. 1:150-153 My-Ju '68.
- Mechanism of polymer interaction with a filler in acid-resistant mastics. G. I. Kuznetsov, V. N. Koneeva. Lakokras. mat. i kh. prim. no. 2:25-26 '68.
- Method of identification of interpreted vibrational structure of diatomic molecules. G. V. Kovaleva. Izv. vys. ucheb. zav. fiz. 11 no. 5:130-132 '68.
- Model of electron-gas for molecules of sandwich-type structures. D. A. Bogdanov, A. L. Chislakov. Zhur. strukt. khim. 9 no. 2:267-274 Mr-Apr '68.
- Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorene, fluoranthene, and some of their derivatives. Part 1: Studying the ultraviolet absorption spectrum in fluorene, fluoranthene, and some of their derivatives. V. I. Danilova, O. K. Ilyash, A. N. Novikov. Izv. vys. ucheb. zav. fiz. 11 no. 5:121-123 '68.
- Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorene, fluoranthene, and some of their derivatives. Part 2: Quantum mechanical calculation of the electron structure and spectra of fluorene, fluoranthene, and some of their derivatives. V. I. Danilova, O. K. Ilyash. Izv. vys. ucheb. zav. fiz. 11 no. 5:124-126 '68.
- Spectral studies and quantum mechanical calculation of the electron structure and optical properties of fluorene, fluoranthene, and some of their derivatives. Part 3: Quantum mechanical calculation of the electron structure of the iodine derivatives of fluorene and fluoranthene. V. I. Danilova, O. K. Ilyash. Izv. vys. ucheb. zav. fiz. 11 no. 5:134-136 '68.
- Theoretical calculation of the second virial coefficient for the interaction of free atoms. P. M. Kuvshinov. Teplofiz. vys. temp. 6 no. 3:427-431 My-Ju '68.
- Valence states of atoms and their chemical properties of gaseous inorganic compounds. Part 3: Halides, oxides, and oxyhalides of elements in subgroups 5B through 7B. O. P. Clarkin, M. E. Hlatkina. Zhur. strukt. khim. 9 no. 2:275-278 Mr-Apr '68.
- Vibrational spectra of benzene-2,1,2-trideutero and benzene-2,1,3-trideutero. V. S. Korobov and others. Izv. vys. ucheb. zav. fiz. 11 no. 4:158-160 '68.

539.2 Properties and structure of molecules and macromolecular systems

- Additive electropositivity of polyalkaline silicate glasses. A. A. Frankin. Vest. LGU 13 no. 10:148-150 My '68.
- Anisotropy of the shearing stress for muscovites and the effect of its surface condition. M. S. Metak, I. U. A. Kuzakov. Izv. vys. ucheb. zav. fiz. 11 no. 4:48-51 '68.
- Apparatus for the mechanical determination of interplanar spacings. F. Kopol. Kristallografiya 13 no. 3: 570-581 My '68.
- Calculation of a family of aliphatic branches of the valence characteristics of a p-n junction for different temperatures. A. I. Krivonozhko. Izv. vys. ucheb. zav. fiz. 11 no. 5:103-105 My '68.
- Characteristics of a disordered composition of some microelements. N. D. Kogan, Z. A. Bostelich. Lakokras. mat. i kh. prim. no. 2:10-12 '68.
- Contribution to the theory of quadrupole splitting of Mossbauer line in trivalent iron compounds. Sh. Sh. Tashkili, R. K. Sadykov. Dokl. AN SSSR 180 no. 1: 137-139 My-Ju '68.
- Cross section formula of photoionization of small impurity centers in semiconductors. I. A. G. Khava, Vest. Mosk. un. Ser. 3: 112, 23 no. 3:122-124 My-Ju '68.
- Crystalline and molecular structure of p, p'-dimethyl-azobenzene. L. A. Chetkina, G. A. Gol'tsev. Zhur. strukt. khim. 9 no. 2:280-287 Mr-Apr '68.
- Crystalline and molecular structure of two "isomers" of γ -cyclopentadienyl-bis(triphenylphosphor)iodide. Part 1. V. G. Andrianov, I. U. A. Kuzakov. Zhur. strukt. khim. 9 no. 2:249-249 Mr-Apr '68.
- Dopamine of the coefficient of zinc diffusion in film-monomer copper crystals on their diameter. F. N. Tavadze, G. G. Surinava. Dokl. AN SSSR 180 no. 1:89-91 My '68.
- Diffractionmetric study of the polarization in BaTiO_3 single crystals. V. I. Budkevich, V. G. Vasilchenko, I. G. Pashchenko. Kristallografiya 13 no. 3:536-538 My '68.
- Diffusion processes in the boundary zone of bimetallic of the carbon-high chromium stainless steel. S. A. Golovanenko and others. Sial' 28 no. 3:268-271 Mr '68.
- Edge displacement of fundamental absorption in the electric field of single crystals and films of CdTe . L. N. Strelnikov, I. I. Verbitskaya. Izv. AN SSSR. Neorg. mat. 4 no. 4:618-620 Ap '68.
- Effect of certain errors in experiments on radial distribution curve of atoms. G. S. Urov, F. A. Brusentsov. Zhur. strukt. khim. 9 no. 2:330-338 Mr-Apr '68.
- Effect of the porosity of latex films on their mechanical properties. T. V. Lupicheva, P. P. Piskarev, V. I. Alekseenko. Kozh.-obuv. prom. 9 no. 5:36-40 My '68.
- Effect of the thickness of the interlayer on Neel's bonding energy of two-layer magnetic films. I. U. A. Kuzakov and others. Izv. vys. ucheb. zav. fiz. 11 no. 4:10-22 '68.
- Electron diffraction determination of the structures of GeSb_2Te_3 and GeSb_2Te_7 . I. I. Petrov, R. M. Ivanov, G. O. Pilyov. Kristallografiya 13 no. 3:417-421 My '68.

541.1 (Continued)
Possibility of using solid electrolytes with oxygen conductivity for studying thermodynamic properties of active metal alloys. A. A. Vecher, D. V. Vecher. Zhur. fiz. khim. 42 no. 3:701-701 Mr '68.
Present state of studies of the thermodynamic properties of binary and ternary liquid metal systems. A. G. Morachevskii. Zhur. fiz. khim. 42 no. 3:573-583 Mr '68.
Pressure of acetonitrile vapors and NaI solutions in acetonitrile at temperatures from 5 to 50°. V. V. Kuzhchenko, K. P. Mischenko. Zhur. prikl. khim. 41 no. 3:646-648 Mr '68.
Problem of classifying binary liquid metallic solutions according to their thermodynamic properties. M. P. Lashin. Zhur. fiz. khim. 42 no. 3:717-716 Mr '68.
Rate and degree of polymerization in emulsions. L. G. Melnikova. Arm. khim. zhur. 21 no. 1:167-173 '68.
Rate dependence for the effect of mass action on precipitation on fibers and possibilities of separating active factors in filtration. I. V. Batushevskii, V. A. Kulgarov. Zhur. fiz. khim. 42 no. 4:971-976 Ap '68.
Rate of oxygen absorption by the reacting persulfate-dithionite-ethanol system in aqueous solutions. N. M. Buzhikova, T. T. Gukasyan, O. A. Chelchikyan. Arm. khim. zhur. 21 no. 3:219-224 '68.
Reaction kinetics in a regular reactor of continuous action. G. K. Gurachenko, M. S. Gavrilov. Khim. tekhn. no. 3:102-107 '67.
Reaction of propylene oxide with p- and m-xylenediamines. R. A. Zhukovskii and others. Izv. AN SSSR. Ser. khim., 16 no. 2:66-71 Mr '68.
Reactivity of phosphoric and phosphonic acid esters in hydrolysis reactions. V. E. Belitskii and others. Dokl. AN SSSR 160 no. 2:351-352 My '68.
Regularity in the change of heat capacity, volume and radiation capacity of metals in supercooling of phases. F. S. Filippov, N. A. Rejmanov, A. M. Sargin. Zhur. fiz. khim. 42 no. 3:703-706 Mr '68.
Regularity of hydrogen solubility in transition metals of subgroup 6. A. A. Mazurek, R. G. Avdeev, I. U. N. Vitya. Zhur. fiz. khim. 42 no. 3:641-643 Mr '68.
Reversibility of organochloroallene amideolysis. L. D. Porshikov and others. Dokl. AN SSSR 160 no. 1:130-132 My '68.
Role of a dimer of diethylamine alcohols in their oxidation by potassium peroxydisulfate in aqueous solutions. N. M. Belitskii and others. Dokl. AN SSSR 160 no. 1:130-132 My '68.
Solubility of nickel and cobalt sulfides. F. A. Sidorovskii, L. A. Mikhalevich, P. V. Golub, Izv. vys. ucheb. zav. fiz. II no. 5:70-75 '68.
Solubility of the catalyst in liquid phase oxidation of hydrocarbons. N. I. Cherepanova, R. A. Chuvpinski, L. N. Khakala. Khim. tekhn. no. 3:45-51 '67.
Some physicochemical properties of the components of the system $\text{MgO}-\text{CaO}-\text{SiO}_2$. S. S. Eliseev, V. A. Zhilovskii. Dokl. AN SSSR 160 no. 1:141-145 '68.
Some problems of thermodynamics of hydrogen adsorption. S. D. Bogolubovskii and others. Zhur. fiz. khim. 42 no. 3:610-614 Mr '68.
Specific heat, entropy, and enthalpy of gallium phosphide. A. P. Demidchenko, A. N. Zhilova. Zhur. fiz. khim. 42 no. 4:1011-1021 Ap '68.
Sidorovskii, F. A. [Thermodynamics of heterogeneous systems] Termodynamika geterogenykh sistem. Leningrad, Izd. Leningr. univ. Ch. 1-2. 1967. 447 p.
Strength of molecular crystals reduced by adsorption. N. V. Potapov, I. A. Sidorovskii, I. D. Shcheglov. Dokl. AN SSSR 174 no. 3:638-636 Mr '68.
Structure and electroconductivity of polycrystalline films of oxide semiconductors. I. A. Masnikov, I. N. Pospelova, T. A. Korelevskii. Dokl. AN SSSR 175 no. 3:645-648 Mr '68.
Structure formation of carbon black dispersions in polymer solutions. V. V. Ileva, B. A. Kimpolskii. Dokl. AN SSSR 180 no. 2:180-181 Mr '68.
Structure of short range order and interparticle reaction in liquid binary alloys of gallium with elements of groups 2, 3, 4, and 5 of the periodic system. S. P. Mikhovskii, V. N. Iashina. Zhur. fiz. khim. 42 no. 3:723-737 Mr '68.
Study of adsorption of arsenic trichloride from silicon tetrachloride by silica gel. H. M. Karymov, I. T. Kuritsinskii, H. M. Malovskii. Zhur. fiz. khim. 42 no. 4:991-998 Ap '68.
Study of calcium adsorption on the surface of sodium nonvalently nonhydrate by means of radioactive calcium Ca^{45} isotopes. Part 2. S. G. Babalov, A. M. Arutunyan, M. G. Manvelian. Arm. khim. zhur. 21 no. 3:219-217 '68.
Study of flow currents in nonpolar liquids. A. N. Zhukov. Vest. LGU 23 no. 10:121-126 My '68.
Study of heterogeneous equilibria in the systems $\text{MgO}-\text{Al}_2\text{O}_3$ - H_2O (R. B. Co. 101) Ch. 1. V. E. Pletnikov, S. H. Sargin, I. V. Vlasov. Dokl. AN SSSR 180 no. 1:126-129 My '68.
Study of niobium carbide vaporization from open surface into a vacuum. V. K. Vlasov, I. V. Golubinskii. Zhur. fiz. khim. 42 no. 3:620-623 Mr '68.
Study of the adsorbability of some nitrophenols on coal from an aqueous solution of sodium chloride using the polarographic method. V. H. Glushchenko. Zhur. fiz. khim. 42 no. 4:1010-1012 Ap '68.
Study of the adsorption methods of cation forms of zeolites by means of electron paramagnetic resonance. M. N. Zhelezovskii and others. Dokl. AN SSSR 180 no. 4:898-900 Je '68.
Study of the hydrogenation mechanism of the surface of a freshly cut graphite. O. V. Nikulina, R. Brans, V. F. Kiselev. Zhur. fiz. khim. 42 no. 4:843-847 Ap '68.
Study of the kinetics of synthesis with magnesium anhydride. S. B. Tolstovskii, E. V. Deglarova, L. S. Kalnarskii. Izv. AN SSSR. Neorg. mat. 4 no. 4:553-567 Ap '68.

Study of the liquid-vapor phase equilibrium in the system ethylacetate-ethanol-methylcyclohexane at atmospheric pressure. S. V. Babich and others. Zhur. prikl. khim. 41 no. 3:589-592 Mr '68.
Study of the phase equilibrium in a triple mixture vinylacetate-methanol-water. T. S. Radakovskaya and others. Zhur. prikl. khim. 41 no. 3:593-598 Mr '68.
Study of the reaction of p-benzoylphenol with FeCl_3 . R. M. Davydov, G. V. Fomin. Zhur. fiz. khim. 42 no. 4:925-930 Ap '68.
Study of thermodynamic properties of bismuth selenide by the electromotive force method. V. P. Vasiliev and others. Zhur. fiz. khim. 42 no. 3:675-677 Mr '68.
Study of thermodynamic properties of liquid metal solutions of Cu-K-Tl by the electromotive force method. M. F. Lashin, E. I. Nikolaeva. Zhur. fiz. khim. 42 no. 3:703-708 Mr '68.
Study of thermodynamic properties of melts of the ternary system Ag-Bi-Sb. R. A. Vecher, V. K. Plazin. Zhur. fiz. khim. 42 no. 3:667-671 Mr '68.
Study of thermodynamic properties of solid solutions of the system Ag-Pd by measuring vapor pressure. V. N. Eremin, G. M. Lukashenko, L. P. Prilina. Zhur. fiz. khim. 42 no. 3:657-659 Mr '68.
Study of thermodynamic properties of ternary amalgam systems. The system cadmium-bismuth-mercury. L. P. Korin, H. S. Nigmatova, A. M. Dufrova. Zhur. fiz. khim. 42 no. 3:598-602 Mr '68.
Study of true specific heat of chalcogenides of rare earth elements at low temperatures. Part 3. True specific heat at low temperatures. Entropy and enthalpy of Nd_2Te_3 . I. E. Pavlov, V. V. Nigmatova, E. I. Dufrova. Zhur. fiz. khim. 42 no. 4:998-1000 Ap '68.
Studying the effect of electroosmosis on the kinetics of capillary rise and distribution of moisture in quartz powder diaphragms. O. N. Grigorov, E. V. Grigorova, L. M. Kalluzhina. Zhur. prikl. khim. 41 no. 3:557-562 Mr '68.
Studying the kinetics of phase transformations during the heating of a specimen of zirconium dioxide and copper oxide. A. P. Bessotov, G. A. Tikhonov, O. N. Grigorov. Zhur. fiz. khim. 42 no. 3:605-607 Mr '68.
Technique for simultaneous determination of the solubility and parameters of diffusion of gases in metals. V. M. Khokhlov, I. L. Kuzin. Zhur. fiz. khim. 42 no. 3:605-607 Mr '68.
Temperature and concentration dependence of the thermodynamic functions of nitric and lanthanum carbide phases. T. Kholodova, R. G. Avdeev, H. N. Vitya. Zhur. fiz. khim. 42 no. 3:637-640 Mr '68.
Thermodynamics of the perchlorates of metals. Trudy NIIMI no. 53:364-387 '67.
Thermodynamic activity of carbon in alloyed austenite. I. A. Tomlin, L. A. Shvartsmann. Zhur. fiz. khim. 42 no. 3:586-602 Mr '68.
Thermodynamic activity of components of a solid solution of cobaltous oxide and ferrous oxide at 1000°C. R. I. Dubrovinskii and others. Zhur. fiz. khim. 42 no. 4:1001-1003 Ap '68.
Thermodynamic analysis of a direct heterometallic oxygen in organic compounds. V. N. Kullinskii, M. R. Chumachenko, N. A. Khabarova. Sborn. trudy Vses. nauch. politekh. inst. no. 39:9-17 '67.
Thermodynamic properties of alloys of the system zirconium-niobium. I. D. Todorov and others. Zhur. fiz. khim. 42 no. 3:663-669 Mr '68.
Thermodynamic properties of aluminum antimonide. V. V. Samokhval, A. A. Vecher. Zhur. fiz. khim. 42 no. 3:644-646 Mr '68.
Thermodynamic properties of liquid alloys of aluminum with germanium. G. I. Dolotin, E. A. Bolotnikov. Zhur. fiz. khim. 42 no. 3:781-784 Mr '68.
Thermodynamic properties of manganese alloys with period 4 transition elements (Cr, Fe, Co, Ni) and copper. V. N. Eremin, G. M. Lukashenko, V. R. Shitko. Zhur. fiz. khim. 42 no. 3:652-656 Mr '68.
Thermodynamic properties of solid solutions of tungsten in cobalt. L. N. Larikov, O. A. Simakova. Zhur. fiz. khim. 42 no. 3:703-705 Mr '68.
Thermodynamic properties of ternary metallic melts of the system aluminum-zinc-tin. A. A. Tikhomirov and others. Zhur. fiz. khim. 42 no. 3:723-725 Mr '68.
Thermodynamic study of dimethylsiloxane in air at low temperatures in a 55-300° K range. M. F. Naglov, K. A. Karashev, S. A. Melnikov. Dokl. AN Azerb. SSR 23 no. 11:23-25 '67.
Thermodynamics and kinetics of the production of alloys of the system Cu-TiC by precipitation from the gas phase. V. F. Kulin, A. I. Yashchukhin, V. S. Dergunova. Zhur. fiz. khim. 42 no. 3:785-792 Mr '68.
Thermodynamics of electrolyte solutions of average concentration. G. A. Martynov. Dokl. AN SSSR 170 no. 3:629-632 Mr '68.
Thermodynamics of phase equilibria of solid solutions, vapor in the system indium-arsenic-gallium-antimony. A. N. Krestovnikov, V. N. Vlasovskii, I. B. Ylinisov. Dokl. AN SSSR 180 no. 4:898-901 Je '68.
Thermodynamics of three-component intermetallic phases. H. A. Andrievskii. Zhur. fiz. khim. 42 no. 3:603-608 Mr '68.
Thermodynamics of wetting and adsorption. I. U. IA. Gogor, A. I. Kuznetsov, V. I. Kiselev. Dokl. AN SSSR 173 no. 3:627-629 Mr '68.
Use of digital computers to calculate parameters of the micro porous structure of adsorbents. M. M. Dubinin and others. Zhur. fiz. khim. 42 no. 4:964-970 Ap '68.
Use of fusion heat in statistical thermodynamic calculations of melting diagrams. D. M. Lapkov. Zhur. fiz. khim. 42 no. 3:726-730 Mr '68.
Use of sol-concentration (suspension) effect for the determination of the isoelectric point. H. M. Chernobay, rezhik, A. I. Zankovskii, A. B. Zaitsev. Vest. LGU 23 no. 10:100-104 My '68.
Using chemical analysis methods for studying steel decarburization by high pressure hydrogen. M. T. Avdeev, G. K. Buntushkina. Zhur. fiz. khim. 42 no. 3:624-627 Mr '68.
Using the method of gas-liquid chromatography for studying the composition of 62-105°C fractions from the stock for platforming and platforming catalysis. N. A. Dubovich. Izv. vys. ucheb. zav. i nef. i gaz II no. 4: 50-60 '68.

Using various models of solution for alloys. Zhur. fiz. khim. 42 no. 3: 641.13 Electrochemistry. Electrolysis
Aggregation of electrolyte powders. K. I. Kuznetsov, T. A. Komarov, Shur. fiz. khim. 42 no. 3:680-685 '67.
Analytical equivalent for the calculation depth into a water. V. S. Kosolapov. Dokl. AN SSSR 180 no. 4:917-919 J.
Development of the theory of diffusion electrochemical processes. M. N. Ibrud, V. N. Znach, politekh. inst. no. 3:111-114, L. V. Chernykh. Prikl. anal. no. 2:157-173 '68.
Effect of electrolyzing current frequency on aluminum in sulfuric acid. S. M. Strukov. Zhur. fiz. khim. 42 no. 4:1022-1026 Ap '68.
Electromigration of perchlorate ions. Zhur. prikl. khim. 41 no. 3:618-650.
Exchange currents of zinc amalgam in oxalate electrolyte. V. I. Kuznetsov. Vest. LGU 23 no. 10:60-66 My '68.
Experience in the use of a polarizing acute period of myocardial infarction. D. H. Zilberman and others. Zhur. fiz. khim. 42 no. 3:577-581 Mr '68.
Heterogeneous catalytic effects during ammonia in electric discharge. I. K. A. Rubina, T. N. Eremin. Zhur. fiz. khim. 42 no. 4:1022-1026 Ap '68.
Increase of the equilibrium between ammonia and its form in chloride melt. A. A. Rubina, T. N. Eremin. Zhur. fiz. khim. 42 no. 4:1022-1026 Ap '68.
Kinetics of photoconductivity in organic liquids. I. U. A. Kuznetsov. Zhur. fiz. khim. 42 no. 4:1022-1026 Ap '68.
Mobility of mercury and thallium in a solution. A. A. Rubina, T. N. Eremin. Zhur. fiz. khim. 42 no. 4:1022-1026 Ap '68.
Possibility of using solid electrolytes for studying thermodynamic properties of metal alloys. A. A. Vecher, D. V. Vecher. Zhur. fiz. khim. 42 no. 3:701-701 Mr '68.
Reaction of zinc with bismuth. V. N. Kuznetsov. Zhur. fiz. khim. 42 no. 3:678-681 Mr '68.
Selection of initial data for designing systems of the currents of electrochemical processes. G. I. Kuznetsov, 2a tekh. prog. 0.
Some problems of thermodynamics of S. D. Bogolubovskii and others. Zhur. fiz. khim. 42 no. 3:610-614 Mr '68.
Study of ammonia isocyanate in a solution. A. A. Semakova and others. Zhur. fiz. khim. 42 no. 4:1003-1014 Ap '68.
Study of electroosmosis in the inner coil. Part 1. Convective flow in a solution. A. A. Semakova, D. A. Fridrikhsberg. Zhur. fiz. khim. 42 no. 4:1014-1018 Ap '68.
Study of flow currents in nonpolar liquids. A. N. Zhukov. Vest. LGU 23 no. 10:121-126 My '68.
Study of the adsorbability of some nitrophenols from an aqueous solution of sodium chloride using the polarographic method. V. H. Glushchenko. Zhur. fiz. khim. 42 no. 4:1010-1012 Ap '68.
Study of the state of liquid bismuth by the electromotive force method. Zhur. fiz. khim. 42 no. 3:675-677 Mr '68.
Study of the state of uranium in liquid solutions by the electromotive force method. Zhur. fiz. khim. 42 no. 3:678-681 Mr '68.
Study of thermodynamic properties of solutions of Cu-K-Tl by the electromotive force method. M. F. Lashin, E. I. Nikolaeva. Zhur. fiz. khim. 42 no. 3:703-708 Mr '68.
Study of thermodynamics of intermetallic bismuth with uranium by the electromotive force method. V. A. Lebedev and others. Zhur. fiz. khim. 42 no. 3:678-681 Mr '68.
Study of thermodynamics of liquid zinc by the electromotive force method. V. P. Vasiliev and others. Zhur. fiz. khim. 42 no. 3:675-677 Mr '68.
Studying falling characteristic of the effect on electrochemical device. I. V. S. others. Nauch. trudy AKKI no. 42.

641.15 Radiation chemistry
Calculation of the efficiency of a photochemical reaction. I. V. Dzagalapanian and others. Dokl. AN SSSR 180 no. 4:898-901 Je '68.
Effect of Co^{60} radiation on isotopic system molecular oxygen-neodymium. M. N. Zhelezovskii and others. Dokl. AN SSSR 180 no. 4:898-900 Je '68.
Formation and transformation of radiolysis solutions of monosaccharides. V. A. Sharipov. Dokl. AN SSSR 180 no. 4:898-900 Je '68.
Mechanism underlying radiation-chemical reactions of DNA in frozen aqueous solutions and others. Dokl. AN SSSR 180 no. 4:898-900 Je '68.

Study of the initial stages of pyrocarbon formation in photosensitive glasses. A. I. Bereznoi, L. N. Melniko. Izv. AN SSSR, Neorg. mat., 4 no. 1:584-589 Ap '68.

541.2 Atomic theory

Catalytic synthesis of N,N-dichloramides of the aliphatic monobasic acids. I. A. Letman, M. S. Pevner. Zhur. prikl. khim., 41 no. 3:668-670 Ma '68.

Dependence of molecular weight composition of nitrile on the duration of mechanical plastification at various temperatures. R. V. Bagdasarian, A. M. Orsopian, L. G. Melnikova. Arm. khim. zhur., 21 no. 1:45-45 '68.

Deviation from the stoichiometry of the compounds Ag₂Se and Ag₂Te. A. N. Krasomirov, N. M. Markovova, V. N. Glazov. Izv. AN SSSR, Neorg. mat., 4 no. 4:615-617 Ap '68.

Possibility of verifying the principle of equivalence for atomic phenomena in the second and higher orders according to the Newtonian gravitational constant. O. F. Kozlov, I. A. Plat, V. I. Zhur. zhur. fiz. i teo. fiz., 7 no. 12:143-144 Je '68.

Sodium and potassium metallocate structure similarity: results of proton magnetic resonance. V. P. Chuvpov, K. I. Lark, V. I. Shtayn. Dokl. AN SSSR 180 no. 1:13-15 My-Je '68.

541.4 Chemical compounds

Dehydration of cyanuric acid and hydrolysis of benzyl isocyanurates. A. I. Krelov, L. R. Cherkov. Khim. tekhn., 10 no. 9:62-64 '67.

Cesium nitrate $\text{Cs}_2\text{O}(\text{NO}_3)_2$, a new chemical compound. Z. I. Iorish, L. A. Rumyantseva. Kristallografiya 11 no. 3:513-514 My '68.

Chlorophase tension at the interface of aluminum-alkali solutions. V. K. Shcherbakov, S. I. Kuznetsov. Zhur. prikl. khim., 41 no. 3:505-508 Mr '68.

Kinetics of reactions of amines with hydroperoxides. Part 7: Kinetics of reactions of amine hydroperoxide with morpholine and piperidine in aqueous solution. N. M. Belletian. Arm. khim. zhur., 21 no. 1:7-13 '68.

Fluorescence of thin single-crystal layers of rock salt in strong electric fields. G. A. Vurnikov and others. Izv. vuzov, zav. fiz., 11 no. 5:116-118 '68.

Pyrochemical properties and structure of aluminum hydride complex compounds. N. M. Alifanov and others. Usp. khim., 37 no. 2:218-245 P '68.

Selection of the criterion for the evaluation of durability of polymer coatings in liquid aggressive media in accelerated tests. M. L. Orlovskiy. Tekhn. mat. i tekhn. fiz., 6 no. 2:10-32 '68.

Some features of the hydrothermal redistribution of chemical elements in microaggregates of ore-bearing carbon-siliceous formation. V. A. Shumilanskii, A. M. Gornova. Nauch. trudy TashGU im. S. Gornova, 30 no. 2:215-226 '67.

Studies in the field of peroxide chemical absorbers. A. Kh. Melnikova, N. M. Nestorovich. Zhur. teo. i ekspr. prikl. khim., 41 no. 5:85-89 '67.

Synthesis of refractory compounds of the transition metals of groups IV-VI in a zinc melt. A. P. Oshkov and others. Izv. AN SSSR, Neorg. mat., 4 no. 4:527-531 Ap '68.

541.49 Complex compounds

Complex formation of chlorine pentafluoride similar to the action of ^{119}mSn magnetic resonance spectra. B. V. Ivanov and others. Dokl. AN SSSR 180 no. 4:851-851 Je '68.

Complexing of metaphosphates and halides of alkali metals. G. A. Bekhalova, I. V. Marizhova. Probl. teo. i ekspr. khim. i koord. soed., no. 2:96-100 '68.

The composition and stability of mixed complexes of thallium (III) with two and three various types of ligands in the inner sphere. B. I. Lobov and others. Probl. sovr. khim. i koord. soed., no. 2:227-241 '68.

Crystalline structure of polyvinyl polymetal carbonyls. Part 3: Tetraacetylbis(alkyl-diphosphine) manganese carbonyl. B. P. Rikurov, P. P. Solodova, I. U. Strachkov. Zhur. strukt. khim., 9 no. 2:228-239 Mr-Apr '68.

Electromagnetic study of the molecule NaF_4 . V. P. Spiridonov, B. V. Erokhin. Dokl. AN SSSR 180 no. 1:161-163 My-Je '68.

Enthalpy of formation of coordination compounds K_2CrCl_3 , K_2CrCl_4 , K_2VCl_3 . I. V. Vasil'kova, A. I. Kfirav, E. K. Lupenko. Vest. LGU im. S. Gornova, 30 no. 10:73-79 My '68.

Equilibrium state in melts of binary reciprocal systems with complexing. G. A. Buzikova, E. S. Agab'yan. Probl. sovr. khim. i koord. soed., no. 2:101-106 '68.

High-speed complex-forming reactions. I. I. Buzin, K. B. Litsinskii. Izp. khim., 37 no. 3:469-503 Mr '68.

Purification of cadmium nitrate crystal hydrate. M. V. Mokhosov, T. T. Got'manova, V. I. Kribovok. Zhur. prikl. khim., 41 no. 3:469-476 Mr '68.

Spectrophotometric study of the reaction of astatine (VII) with 4-(2-pyridylazo)-resorcinol. A. I. Busov, L. I. Bogdanovich, V. M. Ivanov. Vest. LGU im. S. Gornova, 30 no. 3:101-103 My-Je '68.

Study of aqueous solutions of ammonium fluoro complexes of zirconium and holmium by nuclear magnetic resonance on fluorine-19 nuclei. I. U. Buzikova, V. P. Tarasov, S. P. Petrovskaya. Zhur. strukt. khim., 9 no. 2:198-201 Mr-Apr '68.

Study of the effect of the processes of complexing of germanium with tartaric acid on its sorption from the solutions by activated carbon. E. A. Kogan, D. I. Evdokimov. Zhur. prikl. khim., 41 no. 3:570-582 Mr '68.

Study of the stability of complexes of transition metals with some macromolecular ligands. V. A. Barabanov, S. I. Davydova, N. A. Plato. Zhur. fiz. khim., 42 no. 4:990-992 Ap '68.

Trioxysulfuric complex compounds of nickel and cobalt. V. K. Zolotarev, M. S. Pikh. Visnyk L'viv. un. Ser. khim. no. 6:48-50 '65.

Using the method of spectrum analysis in studying the complexing of nitrobenzene with phenol, diphenylamine, aniline, and m-nitroanisole. G. A. Gavrillov, T. S. Skompad. Izv. vuzov, zav. fiz., 11 no. 4:121-123 Je '68.

541.5 Valency. Affinity. Bonds

Arylazo and arylthioazide radicals in reactions of aniline and thioaniline with peroxides. S. M. Kavun, A. I. Buzikova. Zhur. fiz. khim., 42 no. 4:816-821 Ap '68.

Configuration and reactivity of saturated cyclic and heterocyclic compounds. Part 2: Mass spectra of stereoisomeric decalylhydroquinolines. A. E. Luts and others. Izv. AN Kazakh SSR, Ser. khim., 10 no. 2:48-55 Mr-Apr '68.

Contribution to the theory of quadrupole splitting of Mossbauer line in trivalent iron compounds. Sh. Sh. Bakhitov, E. K. Sadykov. Dokl. AN SSSR 180 no. 1:137-139 My-Je '68.

Density distribution of unpaired electron and localization energies of some aryl radicals as compared with their reactivity. S. P. Solodovnikov, A. I. Prikovskiy. Dokl. AN SSSR 180 no. 1:158-160 My-Je '68.

Dissociative collisions of ions from ethylene with xenon atoms. S. I. Kupchanov, A. A. Potav. Zhur. fiz. khim., 42 no. 4:657-659 Ap '68.

Electron diffraction study of niobium, tantalum, and tungsten pentachloride molecules. V. P. Spiridonov, G. V. Itonnikov. Vest. LGU im. S. Gornova, 30 no. 3:10-14 My-Je '68.

Normal vibrations and intermolecular reaction in phenolic polyoxymethylene crystal. V. Z. Kompaniets, K. F. Gritsk, N. S. Enkolopina. Zhur. strukt. khim., 9 no. 2:322-323 Mr-Apr '68.

Reaction of zinc with beryllium. V. A. Dabikh and others. Zhur. fiz. khim., 42 no. 3:678-681 Ma '68.

Relative strength of the linkage of simple and complex ions with cation exchangers KU-2 and KU-2-1. H. S. Malovskiy, I. P. Shevchuk. Visnyk L'viv. un. Ser. khim. no. 8:43-47 '65.

Study of thermodynamic data of liquid zinc-uranium alloys by the electromotive force method. A. V. Volkovich and others. Zhur. fiz. khim., 42 no. 1:632-635 Mr '68.

541.6 Chemical structure in relation to properties

Accounting for short range order in calculating the thermodynamic characteristics of liquid alloys. M. S. Petroshevskiy, P. V. Gelf. Zhur. fiz. khim., 42 no. 3:741-744 Mr '68.

All-Union Conference on "Olefin Monomers and Structure of Molecules." Zhur. strukt. khim., 9 no. 2:357-359 Mr-Apr '68.

Configuration and reactivity of saturated cyclic and heterocyclic compounds. Part 2: Mass spectra of stereoisomeric decalylhydroquinolines. A. E. Luts and others. Izv. AN Kazakh SSR, Ser. khim., 10 no. 2:48-55 Mr-Apr '68.

Copolymerization of some arylchlorophosphines with isobutyl. S. R. Iusikov, N. D. Kazanova, G. A. D'zhukov. Izv. AN Kazakh SSR, Ser. khim., 10 no. 2:71-76 Mr-Apr '68.

Interference losses of some pyrocarbons at superhigh frequency. M. D. Markovich, E. N. Smolenskaya, B. G. Varkat. Izv. AN SSSR, Neorg. mat., 4 no. 4:500-503 Ap '68.

Dielectric relaxation in some chlorine-containing polymers. I. U. Kabanov, L. G. Melnikova. Arm. khim. zhur., 21 no. 3:261-263 '68.

Effect of chemical structure of some nitroaromatics on the nature of their thermal decomposition. A. G. Alonov, B. A. Lur'ko, B. S. Svetlov. Trudy MUKI, no. 53:63-73 '67.

Effect of intermolecular and intramolecular ordering on the infrared absorption spectra of polymers. V. N. Nikitin, B. Z. Votchev. Usp. khim., 37 no. 3:501-534 Mr '68.

Electron paramagnetic resonance of Mn (II) in fluoroberyllate glasses. E. I. Abduragimova, T. P. Petrovskiy. Dokl. AN SSSR 180 no. 1:105-106 My-Je '68.

Geometrical and electronic structure of sugars. N. A. Baryshev, K. M. Hrushchikov. Vest. AN DSSR, Ser. fiz. i mat. nauk, no. 2:103-113 '68.

Indole derivatives. Part 18: 3-Alkyl-8, 12b-dimethyl-, 1, 2, 3, 4, 8, 7, 12, 12b-octahydroindole (2, 3-a) quinolines. E. R. Shirotan and others. Arm. khim. zhur., 21 no. 1:44-50 '68.

Influence of the structure of a viscous fiber on the peculiarities of its pyrolysis. A. S. Polkov and others. Khim. i teo. prikl., 3 no. 1:16-122 My-Je '68.

Interaction of intermolecular compounds in the system TiO_2 -Ti-Si. V. V. Gluzova, E. M. Bonaf. Dokl. AN SSSR 180 no. 1:105-107 My-Je '68.

Kerr molecular constant and structure of complexes of carboxylic acids. A. E. Lutsik, N. N. Ivachova. Zhur. strukt. khim., 9 no. 2:326-327 Mr-Apr '68.

Limit dimensions of drops in the atomizers of pneumatic and mechanical sprayers. I. G. Pitt. Khim. i teo. prikl., 3 no. 1:109-112 '67.

Modification of mercury-halogen association effect in some halogenated organomercury compounds. T. A. Babushkina and others. Zhur. strukt. khim., 9 no. 2:207-212 Mr-Apr '68.

Manifestation of nonequivalence of hydrogen atoms of Cl_3 -P groups in the infrared spectra of organophosphorus compounds. E. I. Matrosov, M. I. Kabachnik. Zhur. strukt. khim., 9 no. 2:320-322 Mr-Apr '68.

NMR study of alkali earth metal hydrofluorides. A. A. Opatovskiy and others. Zhur. strukt. khim., 9 no. 2:202-206 Mr-Apr '68.

Nuclear magnetic resonance in aromatic nitrosubstituted radicals. N. A. Sysoeva, V. I. Stetsenko, A. L. Duchachenko. Zhur. strukt. khim., 9 no. 2:32-34 Mr-Apr '68.

Polyketosulfides, a new type of heterochain polymers. V. V. Korotkiy and others. Vysokom. soed. Ser. A 10 no. 6:1388-1393 Je '68.

Polymers with cumulated double bonds. A. M. Stadkov and others. Vysokom. soed. Ser. A 10 no. 6:1312-1318 Je '68.

Proton magnetic resonance spectra of methyl and ethyl derivatives of silicon and germanium and the deuterium effect. A. N. Pochin and others. Dokl. AN SSSR 180 no. 4:561-563 Je '68.

Proton magnetic resonance study of structure of unapolymerized compounds. Part 2: Ammonium paralyzing and paralyzing. I. F. Kokot and others. Zhur. strukt. khim., 9 no. 2:314-317 Mr-Apr '68.

Radical reactivity of polycyclic compounds as dependent on the polarity of the substituents. A. A. Bertin, R. N. Belova. Dokl. AN SSSR 180 no. 1:140-142 My-Je '68.

Some features of the behavior of polymers in aqueous solutions. A. A. Chernikov, S. S. Melnikov. Dokl. AN SSSR 180 no. 4:501-506 Je '68.

Some transformations of 1, 5-dimethyl-2-propyl-4-piperoline. S. A. Vartanian, A. S. Noravik, V. N. Zhmagartian. Arm. khim. zhur., 21 no. 1:33-43 '68.

Structural modification of the surface of crystalline polymers. V. A. Kirgiz, T. I. Sogolova, T. K. Shaposhnikova. Dokl. AN SSSR 180 no. 4:101-104 Je '68.

Structure of short range order and interparticle reaction in liquid binary alloys of gallium with elements of groups 2, 3, 4, and 5 of the periodic system. S. P. Litavko, V. N. Ivanov. Zhur. fiz. khim., 42 no. 3:734-737 Mr '68.

Structure of the deposition of low temperature pyrolytic carbon. N. A. Vashitkin and others. Izv. AN SSSR, Neorg. mat., 4 no. 4:483-488 Ap '68.

Structure of $\text{TiCl}_3 \cdot 2(\text{C}_2\text{H}_5\text{O})_2$ compounds. I. K. Cherkov and others. Zhur. strukt. khim., 9 no. 2:213-217 Mr-Apr '68.

Study of the effect of the nature of solvent on low temperature polymerization. V. V. Korotkiy, S. V. Vinogradova, V. A. Vesenev. Vysokom. soed. Ser. A 10 no. 6:1320-1325 Je '68.

Study of the kinetics and electron absorption spectra of the formation reaction of oxalates in the presence of cobalt compounds. I. A. Trantina and others. Vysokom. soed. Ser. A 10 no. 3:612-702 Mr '68.

Study of the relationship between some polymerization and polycondensation processes on model systems. Interaction of tertiary amines with carboxylic acid anhydrides. S. I. Galitskiy, S. D. Stavrova, S. S. Melnikov. Vysokom. soed. Ser. A 10 no. 3:657-661 Mr '68.

Studying electric properties and mechanism of structural plasticization of coatings based on "Vinylax" resin. A. I. Kiselev, M. O. Dvorov, S. V. Yakubovich. Tekhn. mat. i tekhn. fiz., 6 no. 2:36-39 '68.

Synthesis and properties of ion exchangers based on α -amino acids and halomethylated anionomers of styrene with divinylbenzene. S. V. Rogozhina and others. Vysokom. soed. Ser. A 10 no. 6:1271-1282 Je '68.

Thermodynamic properties of transition metals and their compounds based on concept of the formation of stable configurations by the localized part of valence electrons. I. F. Nizhko. Zhur. fiz. khim., 42 no. 3:755-760 Mr '68.

Use of interesterification reaction for the synthesis of cellulose acetates. A. I. Lelish, L. S. Galitskiy, Z. A. Lavogina. Vysokom. soed. Ser. A 10 no. 3:652-656 Mr '68.

541.7 Allotropy. Physical chemistry

Study of the state of liquid bismuth-blantium solutions by two electromotive force method. V. I. Kober and others. Zhur. fiz. khim., 42 no. 3:660-669 Mr '68.

Study of the state of uranium in liquid uranium-blantium solutions by the electromotive force method. V. A. Ievnikov, I. F. Nizhko, S. P. Rappaport. Zhur. fiz. khim., 42 no. 3:660-663 Mr '68.

Study of the thermodynamics of intermetallic compounds of bismuth with antimony by the electromotive force method. V. A. Ievnikov and others. Zhur. fiz. khim., 42 no. 3:664-667 Mr '68.

541.8 Solutions and solubility in general

Aluminum solubility in single crystals of silicon. V. N. Lozovskiy, A. I. Ushakov. Trudy NPI 170:54-56 '67.

Calculating pH values and specific conductivity of NH_3 and CO_2 water solutions. A. A. Modolov, V. A. Modolov. Vopr. teo. i ekspr. khim. i koord. soed., no. 2:178-188 '68.

Comparative study of acetone soluble and insoluble fractions of humic acids from peats and weathered and brown coals. T. A. Kuzharenko, L. N. Ekatorintina. Khim. i teo. prikl., 3 no. 3:33-45 My-Je '68.

Determination of energies of the formations of compounds in binary systems. V. K. Filippov. Probl. sovr. khim. i koord. soed., no. 2:174-180 '68.

Distribution of water in the solutions of electrolytes. I. S. Litsik, L. V. Chernykh. Probl. sovr. khim. i koord. soed., no. 2:159-173 '68.

Effect of donor impurities on gold solubility in silicon. V. N. Lozovskiy, V. U. Gerasimov. Trudy NPI 170:23-25 '67.

Hydration of sodium chloride in aqueous and vapor solutions at high temperatures. I. Kh. Khabullin. Topicalnoye 15 no. 6:40-49 My '68.

Isotopic effect of heat of self-setting-out from aqueous solutions. O. A. Samoilov, V. G. Tsvetkov. Zhur. strukt. khim., 9 no. 2:193-197 Mr-Apr '68.

Polymerization of hydroxy complexes in aqueous solutions. A. A. Burkov, I. S. Litsik. Probl. sovr. khim. i koord. soed., no. 2:134-158 '68.

Role of prograde addition in the accumulation processes and migration of subsurface fluids. E. B. Chikoluk. Geokh. zhur., 28 no. 1:21-21 Ja '68.

Solubility of cerium phosphate in HNO_3 and H_2SO_4 . E. L. Kravtsovskaya, Sh. T. Talipov, A. Makhramov. Nauch. trudy TashGU im. S. Gornova, 30 no. 1:7-10 '67.

Solubility of oils and paraffins in nitroalkanes. I. M. Kozlov, V. I. Vol'pert. Khim. i teo. prikl., 3 no. 1:26-28 '68.

Study of the reaction in the system $\text{CeCl}_3 - \text{Na}_2\text{HPO}_4 - \text{H}_2\text{O}$. M. L. Krut'kovskaya, S. T. Talipov. Nauch. trudy TashGU no. 284-1-97 '67.

Study of the solubility of ammonium in alcohols, ketones, and amines. A. I. Kuznetsov, G. M. Panfilov, T. V. Gogoleva. Zhur. fiz. khim. 42 no. 4 952-961 Apr '68.

Study of the systems $\text{HNO}_3 - \text{H}_2\text{SO}_4 - \text{H}_2\text{O}$ and $\text{HNO}_3 - \text{H}_2\text{SO}_4$ - water-ethanol mixture. Z. T. Kuznetsov, T. A. Mikhalevskaya. Nauch. trudy TashGU no. 284-1-97 '67.

Thermodynamic analysis of "irregular" solutions. A. A. S. Chepur, G. I. Chudakov. Dokl. AN SSSR 180 no. 1:147-149 My-Je '68.

Using different models of solution for liquid metallic alloys. I. T. Strydom and others. Zhur. fiz. khim. 42 no. 3:717-722 Mr '68.

542 Experimental and preparative chemistry. Laboratory equipment and technique

Alkylation and arkylation of pyridine during thermal decomposition of quaternary salts of pyridinium according to Lachburg-Chichibabin. I. I. Chumakov, V. F. Novikova. Khim. prom. Ukr. no. 2-37-40 Ja-F [i.e. Mr-Apr] '68.

Amperometric titration of calcium and magnesium by complexon III in the apparatus with a solid rotating microelectrode. V. A. Kladev, S. A. Akhmedzhanova. Nauch. trudy TashGU no. 281-3-9 '67.

Analysis of the process of oxidation of metallic uranium based on temperature dependence of reaction rate. A. F. Iosadova, V. G. Vlasov. Zhur. fiz. khim. 42 no. 4:600-602 Apr '68.

Automatic temperature control of a reactor of the emulsion polymerization of vinylchloride. A. Z. Grishchenko and others. Khim. prom. Ukr. no. 1:28-31 Ja-F '68.

Behavior of iron in the tertiary homogeneous systems benzene - butyric acid - water. A. I. Mikhaleva, E. V. Chirskaya. Sbor. trudy Vses. zash. politekh. inst. no. 34:59-62 '67.

Freeze-drying of organic acid and hydrolysis of benzylisocyanates. A. I. Kretov, I. H. Chertok. Khim. tekh. no. 9:62-64 '67.

Calculating isotherms of the solubility of ternary systems $\text{NaCl} - \text{H}_2\text{O}$ and $\text{LiCl} - \text{H}_2\text{O}$. R. M. Dolgova, F. M. Pervushina. Uch. zap. AGU. Ser. Khim. nauk no. 4:15-18 '68.

Calculation of evaporation rates according to results of off-scan measurements. H. A. Priselkov. Zhur. fiz. khim. 42 no. 3:798-799 Mr '68.

Federal Scientific Research and Design Institute of the Wood Chemical Industry. A. M. Chashchinskii. Sbor. trudy TSNII Khim. no. 18:4-10 '67.

Characteristics of oxyethylene acetalization reaction and protein fractions of the blood in Addison-Birmer disease. I. V. Irlinikova. Trudy Vor. med. inst. 49:147-149 '62.

Chemical structure and autocatalytic activity of oxidation products of phenylalanine and its nitrogen derivatives. I. P. Zakharenko and others. Trudy Vor. med. inst. 49:102-105 '62.

Chemistry of vinylacetylene. Part 61: Addition of α,β -dichloroethylhydrosulfon to vinyl and isopropenylacetylenes and some transformations of obtained chlorides. S. A. Vartanian, I. G. Meronjan, A. G. Tossunian. Arm. khim. zhur. 21 no. 3:250-255 '68.

Chemistry of vinylacetylene. Part 62: Acetylene-allene-cumene rearrangement during substitution of halogen by amines in vinylacetylene and isopropenylacetylene hydrides. S. A. Vartanian, M. R. Barikudarian, Sh. O. Badalian. Arm. khim. zhur. 21 no. 1:14-19 '68.

Comparative evaluation of the therapeutic effect of novuril, fenuril and hypofasid. A. V. Hakkin, M. A. Oshin. Trudy Vot. med. inst. 49:114-120 '62.

Compensation effect in catalytic dehydration in an adsorbed layer. V. E. Vaeerberg. Dokl. AN SSSR 180 no. 1:100-102 My-Je '68.

Condensation of phenylbutadiene with formaldehyde in the presence of K_2CO_3 . V. I. Isagulants, T. G. Khalimova, A. I. Achkipova. Zhur. prikl. khim. 41 no. 3:690-692 Mr '68.

Condensation of 2,4-dichlorophenoxyacetic acid and its sodium salt with chloroaldehydes. S. T. Akhmedov and others. Uch. zap. AGU. Ser. Khim. nauk no. 4:61-70 '68.

Dehydrogenation of diisopropyloluenes, diethyl-, and diisopropylbenzenes. R. G. Ismailov and others. Dokl. AN Azerb. SSR 23 no. 11:13-17 '67.

Dependence of equilibrium coefficient of impurity distribution on two element position in the D. I. Kretovskiy periodic system. S. I. Potzdaev. Zhur. fiz. khim. 42 no. 4:878-882 Apr '68.

Determination of energies of the formations of compounds in ternary systems. V. K. Filippov. Probl. avor. khim. konrad. soed. no. 2:174-180 '68.

Development of the theory of diffusion boundary layer of electrochemical processes. M. N. Omerikova. Sbor. trudy Vses. zash. politekh. inst. no. 39:99-108 '67.

Diffractive losses of some pyrocene at superhigh frequency. M. D. Makhov, E. M. Smolenskaya, B. G. Varshav. Izv. AN SSSR. Neorg. mat. 4 no. 4:590-603 Ap '68.

Diffusion of silver ions into semiconducting boron. A. S. Litovchik and others. Izv. AN SSSR. Neorg. mat. 4 no. 4:604-601 Ap '68.

Dimerization of propylene to 4-methyl-1-pentene. I. I. Pivnenko and others. Dokl. AN SSSR 178 no. 3:603-609 Mr '68.

Distribution of orthophosphoric acid in the system $\text{H}_3\text{PO}_4 - \text{H}_2\text{O} - (\text{CH}_3)_2\text{N}^+\text{Cl}^-$. A. V. Nikolov, G. M. Grishin, A. A. Kolosovskiy. Dokl. AN SSSR 180 no. 1:120-122 My-Je '68.

Effect of the purification method on the thermal stability of octogen. V. L. Zharskiy, I. U. Makhimov, E. U. Orlov. Trudy MKHIT no. 53:84-86 '67.

Effect of thermal processing on the surfactant structure and properties of polyformaldehyde. V. P. Gordenko, V. P. Solomko, V. G. Kucheporenko. Khim. prom. Ukr. no. 1:10-11 Ja-F '68.

Effect of titanium dioxide on the phase composition of pyroceramic materials. I. M. Pavluskina, M. Sh. Sarafayev, S. T. Steimerov. Izv. AN SSSR. Neorg. mat. 4 no. 1:635-637 Ap '68.

Electrochemical initiation of the polymerization of methyl methacrylate in water-glycol solution. M. S. Tsvetkov, I. P. Kovalev. Vses. zash. politekh. inst. no. 39:24-27 '67.

Epoxydation of diacyloxyadipate esters of monohydric alcohols. M. F. Sorokin and others. Inokras. mat. 1 kh. prom. no. 2:4-9 '68.

Experimental design to determine the mechanism behind the phenomenon studied. V. V. Fedorov. Zav. lab. 34 no. 4:313-319 '68.

Experimental studies of plotting a phase diagram for the system "isobutyl isobutene - sodium chloride - water solution." E. A. Proshin. Trudy VOIEN no. 16:73-77 '67.

Filter for dust interception. I. P. Glezman, A. F. Golovko, N. I. Komarov. Khim. prom. Ukr. no. 1:80-81 Ja-F '68.

Formation of gas bubbles in various fluids flowing from cylindrical nozzles. G. I. Efremov, I. A. Vakhreshv. Khim. i tekhn. topl. i masel 13 no. 4:46-48 '68.

Hydrogenation of toluene on spinel-type aluminum-nickel catalysts promoted by platinum. G. I. Litvinovich and others. Dokl. AN SSSR 179 no. 3:637-640 Mr '68.

Hydrogenation of cottonseed oil on mixed palladium catalysts. D. V. Skochkov, R. E. Kuznetsov, Izv. AN Kazakh. SSR. Ser. Khim. 18 no. 2:38-43 Mr '68.

Hydrolysis of trivalent thallium ions. H. H. Yakovlev, P. A. Kutsa, V. E. Mitrov. Probl. avor. khim. konrad. soed. no. 2:241-247 '68.

Impact analysis of chromium (III) oxides. S. A. Baidakov, G. S. Zolotareva. Dokl. AN SSSR 180 no. 1:93-94 My-Je '68.

Incides of the blood coagulation system in patients with various therapeutic diseases. V. B. Fink. Trudy Vor. med. inst. 49:174-176 '62.

Interaction of CS_2 with sulfur and CS_2 with selenium. P. G. Kuznetsov and others. Uch. zap. AGU. Ser. Khim. nauk no. 4:17-14 '68.

Kinetics of nucleous formation in superheated liquids. E. N. Simiyayev, V. P. Skripov. Zhur. fiz. khim. 42 no. 4:844-849 Apr '68.

Kinetics of urea decomposition in phosphoric acid solutions. N. N. Nurakhmetov, V. A. Doronizhanov. Izv. AN Kazakh. SSR. Ser. Khim. 18 no. 2:82-84 Mr-Apr '68.

Laboratory equipment for the preparation of ozone with a transistor interrupter. Kh. U. Usmanov and others. Nauch. trudy TashGU no. 281:131-132 '67.

Laboratory generator of liquid hydrogen fluoride. M. A. Korshakov, V. E. Kazaev, N. A. Prokhorovskiy. Zav. lab. 34 no. 3:203-205 '68.

Macromolecular programming of laboratory studies in general chemistry. N. D. Smirnov, G. V. Alekseyev. Sbor. trudy Vses. zash. politekh. inst. no. 30:80-89 '67.

Mechanism of acrylonitrile polymerization on triethylphosphite by means of nuclear magnetic resonance. E. V. Markovich, N. S. Entkolopina. Dokl. AN SSSR 180 no. 1:143-146 My-Je '68.

Mechanism of liquid decomposition in the two-phase method of dispersion. I. N. Ponomarev, V. I. Kuznetsov, T. P. Litovskaya. Khim. tekh. no. 9:123-127 '67.

Method for studying diffusion and the sorption of intermetallics. L. N. Kuznetsova, P. O. Pashkov. Zav. lab. 34 no. 2:206-207 '68.

Methods of measuring evaporation rates of high melting carbides from open surface into a vacuum. V. K. Vlasov, I. V. Golubev, A. N. Neometzerov. Zhur. fiz. khim. 42 no. 3:892-895 Mr '68.

Oxidation of acrylonitrile to acrylic acid on vanadic catalyst. A. I. Khilkevich and others. Khim. prom. Ukr. no. 1:12-14 Ja-F '68.

Oxidation of benzene in a gas phase initiated by bromobenzene vapor. O. M. Nizlan, A. A. Mantashan, A. D. Nalibentian. Arm. khim. zhur. 21 no. 3:260-267 '68.

Oxidation of concentrated sulfur dioxide in a fluidized bed of a catalyst. W. V. Filinov, I. P. Makhlenov. Zhur. prikl. khim. 41 no. 3:475-480 Mr '68.

Oxidation of organic compounds. Report 61: Gas phase transformation of duren in the presence of molecular oxygen and vapor. A. A. Slapovalov, D. Kh. Sombayev, B. V. Savorov. Izv. AN Kazakh. SSR. Ser. Khim. 18 no. 2:84-86 Mr-Apr '68.

Oxidizing dehydrocyclization of n-hexane in the presence of iodine on a fixed bed of an adsorbent of hydrogen iodine. A. P. Reznik, I. A. Tikhachev, V. P. Musilov. Khim. prom. Ukr. no. 2:11-15 Ja-F [i.e. Mr-Apr] '68.

Photochemical interaction of a mixture of chlorine and carbon monoxide in some solutions. V. I. Kondratenko, V. T. Vukobrenko, I. G. Khachat. Khim. prom. Ukr. no. 1:34-36 Ja-F '68.

Photoelectric study of scandium compound with magnesium and development of methods for its determination. M. K. Akhmedov, D. G. Garbarov. Uch. zap. AGU. Ser. Khim. nauk no. 4:19-23 '68.

Plasticizing of polyvinyl chloride by the plasticizers of different chemical nature. Report 4: Determination of the maximum compatibility of polymers with plasticizers and its dependence on small changes of the structure of plasticizers. I. P. Borjak, N. N. Budnikova, N. K. Ioshchinskaya. Khim. tekh. no. 9:22-28 '67.

Polymerization of acetylene in the presence of $\text{VOCl}_3 - \text{AlR}_3$, VCl_3 and AlR_3 , and $\text{Cr}(\text{acetylacetonato})_3 - \text{AlR}_3$. I. M. Rostomian and others. Arm. khim. zhur. 21 no. 1:20-24 '68.

Prevention of scale formation in seawater evaporation by water-repellent coatings of heat exchanger. I. E. Apeltin, K. P. Khalilov. Trudy VCHG no. 18:21 '67.

Principles of the desalination process using the distillation method. F. N. Karolin. Trudy VCHG no. 38:42 '67.

Producing the KSF-M1 filtering powder. G. M. S. Melikyan. Prom. Arm. 10 no. 2:35-38 '67.

Rate and degree of polymerization in emulsion. Melkanton. Arm. khim. zhur. 21 no. 3:157-159 Apr '68.

Rate dependence for the effectiveness of active lactone in filtration. L. V. Naduskevich. Kolganov. Zhur. fiz. khim. 42 no. 4:671-676 '68.

Reactions in thiolated tungsten and thiolated V. M. Kallinskii. Sbor. trudy Vses. zash. politekh. inst. no. 30:67-74 '67.

Reactivity of phosphoric and phosphonic acid esters hydrolysis reactions. V. I. Bel'skiy and others. AN SSSR 180 no. 2:351-352 My '68.

Separation of alkylphenol additives from oil emulsions. I. A. M. Slobodin, T. O. Malyshova. Khim. i tekhn. topl. i masel 13 no. 4:55-57 '68.

Some special features of the reduction of germa-dioxide by hydrogen. N. A. Vasilukhina and others. Zhur. prikl. khim. 41 no. 3:657-659 Mr '68.

State of the combination amino group in amphoteric transition metals. M. S. Vaynskov and others. Probl. avor. khim. konrad. soed. no. 2:121-132 '68.

Studies in the field of peroxide chemical analysis. A. Kh. Melikyan, N. M. Neometzerov, Sbor. trudy Vses. zash. politekh. inst. no. 39:85-89 '67.

Study in the field of radiation polymerization. I. Radiation polymerization of N-p. and N-m. malimides. V. S. Ivanov and others. Vest. LGU no. 10:137-140 Ty '68.

Study of crystallization kinetics of sodium metacrylate. Part I. S. G. Babalan, S. S. Isak, M. O. Manvelian. Arm. khim. zhur. 21 no. 3:33-38 '68.

Study of mixed adsorbed hydrogenation catalysts. Activity of mixed palladium-silver catalysts on silicon dioxide in relation to their preparation method. A. A. Alchudzhian, N. Z. Edigarian, M. A. Arm. khim. zhur. 21 no. 1:3-6 '68.

Study of niobium carbide vaporization from open into a vacuum. V. K. Vlasov, I. V. Golubev. Zhur. fiz. khim. 42 no. 3:820-823 Mr '68.

Study of the complexing of samarium with allylamine and allylamine by the extraction-photometric method. A. Kh. Melikyan, I. S. Losovskiy, A. A. Melikyan. Uch. zap. AGU. Ser. Khim. nauk no. 4:24-30 '68.

Study of the crystallization process of amino acids. N. M. Pavlenkin, G. P. Lisovskiy. MKHIT no. 50:16-20 '68.

Study of the hydrogenation of acetylene compounds. Part 2: Effect of some additions on the role of the catalytic system $\text{Pd/CaCO}_3/\text{ZnCl}_2/\text{COO}$ hydrogenation of aqueous acetylene of dimethylcarbamol. N. G. Karapetian, G. A. Chumachenko. Vses. zash. politekh. inst. no. 39:241-247 '67.

Study of the hydrolytic resistance of pangs and A. M. Iurkovskiy, S. G. Voronkina, N. A. Prokhorov. Arm. khim. zhur. 21 no. 1:20-30 D '67.

Study of the initial stages of pyroceramic photoacoustic glasses. A. I. Berchinskii, L. N. Iev. AN SSSR. Neorg. mat. 4 no. 4:584-585 Ap '68.

Study of the oxidation of naphthol-paraffin fraction polymethacrylate solution in it by the inhibitor L. P. Efremova, S. Z. Kaplan. Zhur. prikl. khim. no. 3:684-688 Mr '68.

Study of the stability of complexes of transition metals with some inorganic molecular ligands. V. A. Ibrat, S. I. Davydova, N. A. Plois. Zhur. fiz. khim. 42 no. 3:890-892 Ap '68.

Studying the electric resistance of an electrochemical apparatus. L. D. Ushakov. Trudy VOIEN no. 16:73-77 '67.

Studying the use of surface-active agents as scale prevention in seawater evaporators. N. P. Trudy VOIEN no. 16:21-24 '67.

Studying water flow conditions in columns of the catalytic isomerization apparatus. L. D. Chukhlov. VOIEN no. 16:24-30 '67.

Succinic acid peroxide as the initiator of polymerization. M. S. Tsvetkov, I. M. Horbatuk. Vses. zash. politekh. inst. no. 39:7 '68.

Sulfatation of alumina ore by pulping. V. S. Sazonov. Khim. prom. Ukr. no. 1:16-17 Ja-F '68.

Suspension polymerization of styrene in aqueous solution of potassium alkoxide. H. P. Strozov, L. M. Nazarenko. Vses. zash. politekh. inst. no. 39:20-23 '65.

Synthesis of antiwear additives based on fatty acid nitriles and phosphorus pentasulfide. M. I. Iakub. Khim. i tekhn. topl. i masel 13 no. 3:26-28 '68.

Synthesis of dioxysulfones by means of allyl azide. A. I. Abdulaziz, M. M. Daulashvili, I. G. Alchudzhian. Uch. zap. AGU. Ser. Khim. nauk no. 4:89-93 '68.

Synthesis of refractory compounds of the transition groups IV - VI in a zinc melt. A. P. Chukhlov. Izv. AN SSSR. Neorg. mat. 4 no. 4:52-54 Ap '68.

Synthesis of vinyl fluoride. Kh. U. Usmanov and others. Nauch. trudy TashGU no. 284:117-122 '67.

Technology of preparing activated silicic acid for use as a coagulation additive in water purification. O. G. Pervov. Trudy VOIEN no. 8:3-9 '64.

Thermal and gravimetric study of the reaction of chlorination of calcium tungstate and molybdenum trioxide. I. M. Shalukhina, V. A. Zagranichnaya. AN Tadz. SSR 11 no. 1:34-36 '68.

Thermal decomposition of hexagen and octogen. Makhimov. Trudy MKHIT no. 53:73-84 '67.

Thermal stability of some metal acetates. N. I. Markovskaya, B. K. Daurov. Nefteprom. no. 7:38-41 '68.

Thermodynamic properties of aluminum antimonate. V. V. Samokhval, A. A. Veher. Zhur. fiz. khim. no. 3:644-646 Mr '68.

- Technique-driven laboratory device. P. L. Sanzharevskii, M. G. Borzikh. *Zav. lab.* 34 no. 3:287 '68.
- Use of laboratory control methods in the examination of food objects; design of a methodological letter. A. K. Koshcheev, M. I. Bogomolov. *Trudy Perm. gos. in-st.* no. 69:81-96 '67.
- Use of the sodium salt of copolymers of methacrylic acid and its esters as stabilizers of emulsion polymerization. I. I. Malolet, I. G. Tvardov. *Vysok. Ucheb. un. Ser. khim.* no. 8:6-11 '65.
- Volume changes in the neutralization of acetic acid solutions. E. F. Balashova. *Uch. zap. Mord. gos. un.* no. 60:16-19 '68.
- Volume changes in the neutralization of nitric acid solutions. E. F. Balashova. *Uch. zap. Mord. gos. un.* no. 60:12-16 '67.
- Vesoluchnoe oveshchivanie po metodam polucheniya osobogo chistykh veshchestv. Moscow, 1965. [Materials of the All-Union Conference on Methods of Producing (High-Purity Substances) Materialy, Moskva, NITEXIIM, 1967, 278 p.]
- Water desalting apparatus using porous electrodes. I. U. N. Efimov. *Trudy VOIKhO* no. 16:43-46 '67.
- 543 Analytical chemistry**
- Absolute sensitivity of analytical reactions. V. I. Kuznetsov, L. M. Rudnikova, I. A. Nennashova. *Shor. trud. Vses. zool. politekh. inst.* no. 39:22-32 '67.
- Average elements of analysis. V. S. Sharfman. *Dokl. AN SSSR* 180 no. 1:202-203 My-Je '68.
- [Bibliography of studies of the laboratory personnel of the Institute of General and Inorganic Chemistry of the Academy of Sciences of the Ukrainian S.S.R. in Odessa, 1945-1966] Bibliografiya trudov sotrudnikov laboratorii instituta obshchego i neorganicheskogo khimii AN USSR v Odessa, 1945-1966 g. Kiev, "Naukova dumka," 1967, 47 p.
- Chemical composition of vat residues after vacuum rectification of raw furfural. A. N. Baganov. *Izv. vys. ucheb. zav. i les. zhur.* 11 no. 1:41-44 '68.
- Determination of bismuth by diphenic acid. V. I. Agafonova, I. P. Ruzanova. *Zav. lab.* 34 no. 3:207-209 '68.
- Determination of gamma index of the absolute sensitivity of reactions of some organic reagents with nickel. E. F. Koshcheev and others. *Shor. trud. Vses. zool. politekh. inst.* no. 39:40-45 '67.
- Determination of 1.10^{-5} — 1.10^{-3} iron in soils using acid. S. U. Krivonozh, K. A. Boshvutov. *V. N. Antonov. Zav. lab.* 34 no. 3:200-203 '68.
- Determination of some new organomercury pesticides in air and washings. T. A. Lobodova, M. A. Kiseenko. *Khim. v sel'khoz.* 6 no. 6:31-32 Jo '68.
- Determination of thioacetates in allylacetate baths. S. I. Burykina, A. V. Krutina. *Zav. lab.* 34 no. 3:200 '68.
- Determining the content of cortisol in urine in clinics by the rational chemical analysis. N. F. Talanova, V. K. Kozlova. *Tsentr. 32* no. 4:13-14 '68.
- Gamma index of the sensitivity of reactions of arsenic, aluminum, pyruvic, hematoxylin with aluminum. K. F. Talanova, I. I. Koshcheevskaya, L. F. Korolchenkova. *Shor. trud. Vses. zool. politekh. inst.* no. 39:46-54 '67.
- Identification of the aromatic part of pitches in the course of industrial roasting. G. V. Khitrivaya and others. *Khim. i ver. topt.* no. 3:92-101 My-Je '68.
- Investigating and developing methods of analysis regarding the composition of minerals. N. N. Maslennitskii, B. V. Kulikov. *Obog. rud.* 12 no. 4:6-10:43 '67.
- Lar. 10. 10. [Manual on analytical chemistry] Spravochnik po analiticheskomu khimii. Izd. 3-o, stereotip. Moskva, "Khimiko," 1967, 399 p.]**
- Masking of reactions. F. N. Sudakov. *Usp. khim.* 37 no. 2:200-223 F '68.
- Method of determining assimilable phosphorus in mineral fertilizers in a glacial acetic acid medium. V. A. Gork, K. S. Salnikova. *Khim. v sel'khoz.* 6 no. 6:65-68 Jo '68.
- New method for determining the sensitivity of the reactions of some organic reagents with aluminum. E. F. Koshcheev, L. F. Korolchenkova, L. I. Korolchenkova. *Shor. trud. Vses. zool. politekh. inst.* no. 39:33-39 '67.
- Rapid method of determining phosphorus in cast iron, plain carbon steel, alloyed steel, alloy and high-alloy steel. V. D. Konkina, G. I. Kevol'. *Shor. trud. UNILM* no. 12:451-457 '67.
- Some problems of the geochemistry of aluminum isotopes. E. M. Goryukhov. *Sov. geol.* 11 no. 2:89-101 F '68.
- Studying the content of trace elements in separate petroleum fractions. D. I. Zulfargaliyev, R. K. Karabekova, V. I. Erimskaya. *Uch. zap. AGU. Ser. khim. nauk* no. 4: 41-43 '68.
- Use of the ion-exchange method in a total-tissue analysis for quantitative determination of silver. I. N. Erimskaya, G. A. Karmalin. *Ann. khim. zhur.* 21 no. 3:204-205 '68.
- 543.2 Special chemical methods of analysis and assay**
- Acetic anhydride as a medium for titration of cyclopentane-2,3-pyrrole and cyclohexane-2,3-pyrrole. N. N. Bealorib, G. D. Gal'pern. *Zhur. anal. khim.* 23 no. 4:634-636 Ap '68.
- Acid characteristics of some preparations of lignin determined by the use of the high-frequency titration method. T. M. Vasil'ova, R. K. Botarskaya, G. P. Grigor'ev. *Zhur. prikl. khim.* 41 no. 3:603-608 Mr '68.
- Analysis of gases dissolved in alkali-free aluminum boron silicate glass. K. V. Negulevich, V. P. Polakova. *IU. I. Kolesov. Stek. i ker.* 25 no. 6:23-28 My '68.

- Analysis of organometallic compounds. Report No. 3: Determination of Si-H groups in organosilicon compounds by coulometric titration. A. P. Terent'ov, K. A. Bondarevskaya, T. V. Kirillova. *Zhur. anal. khim.* 23 no. 4:625-627 Ap '68.
- Anilipyrine perchlorate as an initial substance for the standardization of nonaqueous solutions of bases and acids. A. I. Busev, V. K. Akimov, I. A. Emel'tanova. *Zhur. anal. khim.* 23 no. 4:616-619 Ap '68.
- Chelate resins based on aminopolystyrene and monazo derivatives of chromotropic acid. S. B. Serikov, O. P. Kiseeva. *IU. I. Kolesov. Dokl. AN SSSR* 180 no. 2: 374-376 My '68.
- Complexometric determination of bismuth by means of the indicator of N-methylarabamine- β -2,2'-di-1-naphthol-5-sulfate (MAAI-S). R. Kh. Dzhanbaeva, Sh. T. Talipov, A. L. Kirika. *Nauch. trudy TashGU* no. 284:15-21 '67.
- Complexometric determination of indium in the presence of indium. A. I. Busev, N. V. Shvecheva. *Zav. lab.* 34 no. 2:110 '68.
- Complexometric determination of trivalent thallium with the use of N-methylarabamine- β -2,2'-di-1-naphthol-5-sulfate as metal indicator. R. Kh. Dzhanbaeva and others. *Nauch. trudy TashGU* no. 284:22-28 '67.
- Complexometric titration of rare earth elements with N-methylarabamine- β -2,2'-di-1-naphthol-5-sulfate as an indicator. Sh. T. Talipov, E. L. Kravkovskaya. *Nauch. trudy TashGU* no. 284:29-35 '67.
- Complexometric determination of zinc in the presence of ions and other metals. V. I. Durko, V. P. Savchenkova. *Lokkro. mol. i kh. prim.* no. 2:48-50 '68.
- Coulometric determination of Se (IV) and Te (IV) using potassium permanganate. I. K. Agafonov and others. *Zav. lab.* 34 no. 2:120-131 '68.
- Determination of cadmium by amperometric titration in acetic acid medium. A. P. Kravkov, V. A. Bork, O. P. Fedulina. *Zav. lab.* 34 no. 3:265-267 '68.
- Determination of gallium in semiconductor alloys by means of electrographic polarography. I. S. Kopanskaya, G. A. Arzhantsev, I. U. S. I. Ikhov. *Zav. lab.* 34 no. 2: 132-133 '68.
- Determination of plant oil acids dissolved in urethane. G. I. Shemakina, L. P. Krylova. *Lokkro. mol. i kh. prim.* no. 2:45 '68.
- Determination of the absorption capacity of soils using the titrimetric method. V. P. Matushovskii. *Khim. v sel'khoz.* 6 no. 6:63-65 Jo '68.
- Determination of ultra-small amounts of indium in metallic aluminum by means of analytical polarography with storage. I. P. Alimov and others. *Zav. lab.* 34 no. 2:100 '68.
- Device for preparing gaseous mixtures for analysis by diffusion and concentration. V. P. Rabinov. *Zav. lab.* 34 no. 3:391-393 '68.
- Differential analyzer of the concentration of oxygen in two gas mixtures. M. I. Abirakhanov, A. A. Sinkov, M. G. Shapiro. *Prib. i sist. upr.* no. 2:63-64 F '68.
- Direct complexometric titration of bismuth in the presence of N-methylarabamine- β -2,2'-di-1-naphthol-5-sulfate as an indicator. T. B. Andrianova, V. S. Polgornova. *Nauch. trudy TashGU* no. 284:49-56 '67.
- Extraction-constantometric method of determining tellurium. L. V. Mykhalova, I. V. Solova. *Zav. lab.* 34 no. 3:263-266 '68.
- Iodometric determination of phenyl organozinc compounds. I. U. N. Daryshnikov, A. A. Krasov. *Zhur. anal. khim.* 23 no. 4:630-631 Ap '68.
- Ivanov, I. D., and E. K. Rakhimov. [Polarography of the structure and functions of polymers] Polarografiya struktury i funktsii biopolimorov. Moskva, "Nauka," 1968, 344 p.]
- Kinetic method of high-frequency titration. D. D. Matenila, G. P. Grigor'ov. *Zhur. prikl. khim.* 41 no. 3:682-684 Mr '68.
- Measurement of voltage relationships of the bridge transducers of automatic gas analyzers. V. B. Vershinskii and others. *Prib. i sist. upr.* no. 2:4-7 F '68.
- Melting diagram of the system $TbCl_3 - ZnCl_2$. N. G. Korzhukov. *Vest. Mosk. un. Ser. 2: khim.* 23 no. 3: 71-75 My-Je '68.
- Morphology of chemical-spectral determination of trace elements in human blood. V. M. Lifshits. *Trudy Vor. in-st. khim.* 42:107-109 '62.
- Molality content of liquefied natural gases. G. V. Volkina, N. V. Zhukova, A. M. Klimushin. *Gaz. dnto* no. 3:29-34 '68.
- Optimum conditions for the titrimetric determination of boron acids as complexes with polyhydroxy compounds. V. A. Nazarenko, I. D. Ernak. *Zav. lab.* 34 no. 3:257-260 '68.
- Polarographic study of the complexing process of vanadium compounds of lower degrees of oxidation with complexons. M. F. Grigor'ov, I. A. Torkovnikskaya. *Probl. svor. khim. koordin. i anal.* no. 2:204-217 '68.
- Possibility of separating Sb_2S_3 and Sb_2O_3 in hydrochloric acid. S. K. Afanasev, V. F. Smachukina. *Zav. lab.* 34 no. 3:269-271 '68.
- Potentiometric determination of boron in an oxidizing medium. V. I. Negira and others. *Zav. lab.* 34 no. 3: 278-279 '68.
- Potentiometric method of analyzing coal bases. V. K. Kondratov and others. *Koka i khim.* no. 4:38-43 '68.
- Potentiometric titration of some pyridyl-containing carbonic acid derivatives with tetraethylammonium hydroxide in methyl ethyl ketone. V. K. Kondratov, E. G. Novikov. *Zhur. anal. khim.* 23 no. 4:631-634 Ap '68.
- Second International Symposium on Cellulose. V. A. Zarinkeil, O. Klug. *Zhur. anal. khim.* 23 no. 4:647-648 Ap '68.
- Semifunctional portable titrimeter. V. I. Volkov and others. *Zav. lab.* 34 no. 3:367-369 '68.

- Separate determination of acrylates and methacrylates by polarography. V. D. Bozaygiy, I. U. P. Ponomarev. *Zhur. anal. khim.* 23 no. 4:599-603 Ap '68.
- Sorption properties and gas content of graphites of various brands in connection with their use as reducers during the determination of gases in metals. E. E. Vainstein and others. *Zhur. anal. khim.* 23 no. 4:606-574 Ap '68.
- Standardization of a process solution of complexon III for manganese. I. A. Latsky. *Zav. lab.* 34 no. 3: 261 '68.
- Study of an optoelectronic gas analyzer measuring small differences in the concentration of CO_2 . I. U. E. Girshovitch. *Prib. i sist. upr.* no. 12:51-52 J '67.
- Study of the viscosity of a solution of chlorinated polyvinyl chloride graft copolymers with some vinyl monomers obtained by radiation method. S. A. Tashmukhomedov and others. *Nauch. trudy TashGU* no. 284: 112-116 '67.
- Titration of bismuth (III) with diethylthiocarbamate using a color indicator. A. K. Babko, I. U. K. Solinskii. *Zhur. anal. khim.* 23 no. 4:547-551 Ap '68.
- Use of OsO_4 as a catalyst in titrimetry. Report No. 7: Potentiometric determination of borohydrides by means of $K_2[Fe(CN)_6]$. R. K. Norkus, S. P. Sulgicene. *Zhur. anal. khim.* 23 no. 4:558-562 Ap '68.
- Using nonpolarographic and mixed systems for the polarographic determination of anthraquinone derivatives. Z. I. Fodimon, R. S. Levin. *Zav. lab.* 34 no. 2:41-144 '68.
- 543.3 Water sampling and analysis**
- Automated determination of chloride-ion traces in water. A. I. Bystritskii, V. B. Alekseyev. *Vodopodp., vod. rez. i khimkont. na paimol. inst.* no. 2:63-147 '68.
- Effect of furfural on the biochemical requirements of water for oxygen. Preliminary report. P. I. Kuratov. *Nauch. trudy OMI* no. 61:84-88 '65.
- Optical methods of determining oil products content in water. M. M. Udilovich. *Vodopodp., vod. rez. i khimkont. na paimol. inst.* no. 2:473-478 '68.
- 543.3(282.25)—Asian rivers**
- Phytoplankton of some of the right side tributaries of the Irtysh River. A. P. Skabichovskii. *Nauch. trudy OMI* no. 61:14-24 '65.
- 543.3(285)—Lakes, ponds, etc.**
- Sanitary and hygienic characteristics of the lakes Ik, Toms and Selkaim. D. N. Torasovich. *Nauch. trudy OMI* no. 61:3-8 '65.
- 543.3(574)—Kazakh S. S. R.**
- Chemical composition of well water of Sonpalatinsk and some lakes of Sonpalatinsk Province. A. M. Kononov and others. *Trudy Semipalat. inst. inst.* 4: 101-100 '68.
- 543.4 Optical, visual methods coloration, etc.**
- Concentration of impurities in analytical chemical analysis of cadmium. A. S. Babko, V. N. Danilova, M. L. Kaplan. *Zav. lab.* 34 no. 3:268-281 '68.
- Differential spectrophotometric method of determining tungsten. A. A. Stroltsova, M. M. Radzhobova. *Zav. lab.* 34 no. 3:277 '68.
- Effect of excitation parameters on the sensitivity of determination of impurities in high-purity solutions. M. Munka. *Zav. lab.* 34 no. 2:405-409 '68.
- Effect of intermolecular and intramolecular ordering on the infrared absorption spectra of polymers. V. N. Nikitin, B. Z. Velichko. *Usp. khim.* 37 no. 3: 504-534 Mr '68.
- Evaporation of electrodes in the spectral analysis of metals. B. I. Danilovskii. *Zav. lab.* 34 no. 2:161-165 '68.
- Extraction photometric determination of palladium by means of N-methylarabamine- β -2,2'-di-1-naphthol-5-sulfate. Sh. T. Talipov, R. Kh. Dzhanbaeva. *Nauch. trudy TashGU* no. 284:78-82 '67.
- Extraction photometric determination of zirconium. I. Kh. Dzhanbaeva, M. Abdulakhmanov, Sh. T. Talipov. *Nauch. trudy TashGU* no. 284:70-75 '67.
- Extraction-photometric method of determining niobium. G. P. Ozerova and others. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:90-92 My-Je '68.
- Inclusion of the indication of an effective magnetic field on the nucleus of Sn^{119} in a gadolinium garnet as it passes through the point of compensation. I. S. I. Iubinskii and others. *Prikl. i ver. i khim. i teor. fiz.* 7 no. 10:370-373 My '68.
- Infrared spectra of lignin preparations. D. D. Matenila, G. P. Grigor'ov. *Zhur. prikl. khim.* 41 no. 3:679-681 Mr '68.
- Infrared spectra of steroids. I. U. N. Ievchuk. *Usp. khim.* 37 no. 3:324-351 F '68.
- Limits of the applicability of spectroscopic methods in determining the concentration of charged particles in a low temperature plasma and their accuracy. L. I. Grechikhin. *Teplotiz. vis. i ionop.* 6 no. 3:507-512 My-Je '68.
- Method of analyzing 3-trichloromethoxyphenols. S. M. Shogam, S. V. Makarova, T. V. Troitskaya. *Khim. v sel'khoz.* 6 no. 6:34-35 Jo '68.
- Molecular orbital and absorption spectra of tetrachloride ions of palladium (II) and platinum (II). O. A. Lobanov, M. A. Kononov. *Probl. svor. khim. koordin. i anal.* no. 2:190-199 '68.
- Molecular spectroscopy in the study of organic minerals. I. A. Gerasimovskaya. *Khim. i ver. topt.* no. 3:143-148 My-Je '68.

- N-methylcarbazone of 2-hydroxynaphthal as a reagent for photometric determination of cobalt. I. V. Chuprasova, S. T. Talipov, D. Kh. Dzhalilov. Nauch. trudy TashGU no. 294-42-48 '67.
- New method of spectral analysis of metallurgical slags and slimes in the form of liquid and solid media. D. I. Nikitina, L. I. Gudyra, L. P. Kotonets. Spets. trudy, UfIM no. 12, 459-467 '67.
- Radiochrometric determination of methyl decalin in the form of complex compounds with cobalt. A. V. Gerasimov, Sh. T. Talipov, G. P. Gerasimov, D. Kh. Dzhalilov. Nauch. trudy TashGU no. 284-83-86 '67.
- Photometric analysis of a residue of amorphous inclusion. K. M. Eralova, G. M. Eralova. Zav. lab. 34 no. 3 276-277 '68.
- Photometric determination of beryllium by means of N-methylcarbazone for amorphous inclusion. R. Kh. Dzhalilov, Sh. T. Talipov, G. P. Gerasimov. Nauch. trudy TashGU no. 284-36-41 '67.
- Photometric determination of carboxylic acid carbonates. A. P. Grekov, S. A. Mikhlenko. Zhur. anal. khim. 23 no. 4 639-640 Ap '68.
- Photometric determination of microgram amounts of cobalt in metals and alloys. S. V. Kuznetsov, S. B. Savvin, N. A. Mikhlenko. Zav. lab. 34 no. 3 276-277 '68.
- Photometric determination of titanium in baryte salts in a mixed solvent. A. P. Krasnikov, V. V. Kuznetsov. Zav. lab. 34 no. 2 134-136 '68.
- Photometric determination of the alkyl morphine. K. P. Stolyarova, V. G. Pogodina, K. E. Kuznetsova. Vest. LGU 23 no. 10 133-136 My '68.
- Photometric study of cerium compounds with magnesium and development of methods for their determination. M. K. Akhmedli, D. G. Gerasimov. Uch. zap. AGU, Ser. khim. nauk no. 4 39-42 '68.
- Radiation lead in large-plate fluorography. A. N. Sitova, V. I. Burmistrov, I. Z. Mikhlenko. Med. rad. 13 no. 2 72-74 My '68.
- Sensitivity of formaldehyde reaction. V. M. Brants, M. V. Popov, N. I. Krasnikov. Nauch. trudy, no. 7 42-43 '68.
- Some characteristics of spectrographic determination of trace elements in food products of vegetable origin. G. V. Novikov, A. I. Iltis, A. I. Iltis. Trudy Perm. gos. univ. Ser. khim. nauk no. 1 1-12 '67.
- Spectral analysis for reducing the number of surface samples. R. P. Chibrikov, A. V. Mikhlenko. Vest. LGU, no. 12 44-46 D '68.
- Spectral analysis method to investigate the distribution of cerium following its diffusion in steel. O. I. Nikitina, A. E. Gurevala. Spets. trudy, UfIM no. 12 466-471 '67.
- Spectral determination of impurities in cadmium telluride. V. G. Tiplava and others. Zhur. anal. khim. 23 no. 4 622-624 Ap '68.
- Spectral determination of lanthanum and yttrium in steel. O. I. Nikitina, N. K. Ivanova. Zav. lab. 34 no. 2 179 '68.
- Spectrographic determination of lead in the urine. N. P. Gavrilchenko, B. A. Kuznetsov, V. M. Lysitskiy. Trudy Vor. med. inst. 58 123-125 '67.
- Spectrographic determination of trace elements in human blood. V. M. Lysitskiy. Trudy Vor. med. inst. 49-10-113 '67.
- Spectrophotometric determination of anthracene derivatives in the bark of *Fraxinus alnus* Mill. P. G. Smolinskaya, K. I. Stokhol. Trudy Len. khim.-farm. inst. 2 171-175 '67.
- Spectrophotometric determination of water in benzene solution of m-dichlorobenzene dithyranes. A. G. Sokolov, M. I. Elshberg, H. I. Koldasova. Zav. lab. 34 no. 2 178 '68.
- Spectrophotometric study of some tenebrio derivatives of R-salt as a reagent for gallium. V. D. Solov'ev, I. M. Dedkov, M. Z. Umpol'skiy. Zhur. anal. khim. 23 no. 4 529-535 Ap '68.
- Spectrophotometric study of the conditions of extraction of titanium, molybdenum, and niobium with allylic hydroxyamic acid. N. P. Borzakovskaya. Vest. Morsk. univ. Ser. 2 Khim. 23 no. 3 64-68 My '68.
- Spectroscopic study of the chemical structure of alkylphenols formed in alkylation of phenol with hexane. I. T. N. Pletov and others. Khim. i tekhnol. masel 13 no. 4 15-16 '68.
- Spectrum analysis in geochemical prospecting. A. P. Solov'ev. Razved. i okh. nedr. 31 no. 8 11-17 Ag '65.
- Study of the complexing of samarium with tartaric acid and allylpyridine by the extraction-photometric method. M. K. Akhmedli, I. S. Lotoskaya, A. A. Mikhlenko. Uch. zap. AGU, Ser. khim. nauk no. 4 24-30 '68.
- Study of the electronic structure of sulfur hexafluoride by the ultraviolet-X-ray spectroscopy method. V. I. Iltis, A. V. Kuznetsov, T. M. Zhukina, V. A. Fomicheva. Probl. sov. khim. koordin. 2 no. 2 80-88 '68.
- Study of the formation of hydrogen bonds in copolymers of methacrylic acid with styrene in a slug by the infrared method. A. I. Smolinskaya. Trudy VNI no. 9 110-114 '65.
- Study of the hydrolysis process of aluminum chloride solutions in vanadium oxychloride by the infrared spectroscopy method. E. A. Kopylova and others. Izv. AN Kazakh. SSR, Ser. khim. 18 no. 2 10-14 My '68.
- Study of the luminescence and absorption of neodymium in germanium glasses. L. I. Kuznetsova, L. M. V. Artamonova, V. A. Blinov. Trudy MIKHT no. 50 76-80 '68.
- Study of lithium corrosion in silicate melt using the emission spectral analysis method. A. A. Appon, I. B. Burakovskaya, Kh. I. Zekherashvili. Zhur. prikl. khim. 41 no. 3 509-514 My '68.
- Studying the Mossbauer spectrum of resonance-scattered nuclear radiation of Fe^{57} . A. N. Arslanov, G. V. Smirnov, E. P. Stepanov. Zhur. eksp. i teor. fiz. 54 no. 4 1028-1030 Ap '68.
- Surface oxides produced by adsorption of organic molecules. I. D. Pimenov. Vest. LGU 23 no. 10 69-72 My '68.
- Thermal oscillations and the Mossbauer effect in the phase transition region in ferroelectric substances. V. G. Vaks, V. M. Galitskiy, A. I. Larkin. Zhur. eksp. i teor. fiz. 54 no. 4 1172-1182 Ap '68.
- Use of a high-frequency electricless discharge at atmospheric pressure as a source of light in emission spectroscopy analysis. A. S. Dzhalilov and others. Zav. lab. 34 no. 2 215 '68.
- Use of direct current arc for the atomic absorption determination of element traces. I. I. Belikov and others. Zhur. anal. khim. 23 no. 4 508-514 Ap '68.
- Using extraction for photocolometric determination of platinum by means of 1,4-diphenylthiocarbonylhydrazide. A. I. Iltis, A. I. Iltis, A. I. Iltis. Khim. i tekhnol. masel 13 no. 2 76-78 '68.
- Volume gravimetric method with optical uncoupling. O. A. Mikhlenko. Zav. lab. 34 no. 3 297-301 '68.
- Water resistance in X-ray spectroscopy. A. I. Zhenyev, D. A. Petrenko. Zav. lab. 34 no. 2 177-178 '68.
- X-ray structural study of K_2O_2 crystals. G. A. Dzhelentsov, V. M. Golyshev, A. G. Orlovskiy. Zhur. strukt. khim. 9 no. 2 321-330 My '68.

543.5 Physical chemical methods (other than optical)

- Analysis of lithium by the yield of Li^+ in Li^+ reaction. G. I. Mikhlenko, L. P. Starchik. Atom. energ. 24 no. 8 525-526 Je '68.
- Behavior of vessel atoms of radon daughter products in the air. A. P. Krut'kov, V. V. Kuznetsov, V. G. Lashchuk. Atom. energ. 25 no. 10 161-162 Je '68.
- Chemical composition of natural and cast-lead petroleum products of Tadzhikistan oil fields. I. V. Vaitkevich, G. M. Bolotov, I. V. Bolotov. Dokl. AN Tadzh. SSR no. 1 46-47 '68.
- Chromatographic analysis of germanium tetrachloride for the content of microimpurities in organochlorine substances. N. Kh. Agabekov, I. A. Peshchenko, G. G. Devialykh. Zhur. anal. khim. 23 no. 4 575-577 Ap '68.
- Chromatographic analysis of the products of high-temperature ethylene chlorination. L. A. Butanina, A. I. Subbotin. Zav. lab. 34 no. 2 151 '68.
- Chromatographic determination of impurities in acrylonitrile. I. A. Parina, B. S. Fain. Zav. lab. 34 no. 4 283 '68.
- Chromatographic glass columns built in the "TSvet-1.61" chromatograph. A. G. Vitenkov, U. V. Priporov, V. V. Tikhonov. Zav. lab. 34 no. 2 156-157 '68.
- Chromatographic methods for the determination of the coefficients of diffusion of binary gas mixtures. A. A. Zakharenko, S. N. Kuznetsov, M. I. Iltis. Zav. lab. 34 no. 2 154-155 '68.
- Chromatographic separation of copper and cadmium by means of sodium salts of acetic, citric, trisoxycarboxylic and malic acids. V. K. Zolotareva, S. S. Cherkashina. Voenykh. Lening. univ. Ser. khim. no. 8 51-53 '68.
- Combined method of gas chromatographic and liquid chromatographic determination of light components in petroleum and gasoline. V. A. Kuznetsova, A. I. Mikhlenko. Zav. lab. 34 no. 2 46-47 '68.
- Comparative characteristics of the methodology of low activities in liquids and the human body. V. M. Mikhlenko, A. I. Stokhol. Med. rad. 13 no. 3 42-47 My '68.
- Concentration of elements by sorption on phenol-formaldehyde resin. G. V. Mikhlenko, L. I. Bol'shakova. Zhur. anal. khim. 23 no. 4 604-607 Ap '68.
- Determination of concentration based on common substances. D. E. Bodrin, A. A. Zakharenko, M. I. L. Sazonov. Zav. lab. 34 no. 2 149-151 '68.
- Determination of hydrogen chloride by reactive gas chromatography. G. M. Galperin and others. Zav. lab. 34 no. 3 282-283 '68.
- Determination of monocarboxylic acids in the products of liquid-phase oxidation of cyclohexane by means of paper chromatography. R. A. Kiseleva, I. G. Bozhko. Zav. lab. 34 no. 3 281-282 '68.
- Determination of the composition of a mixture of C_4 - C_{10} dihydroxy glycols with C_8 - C_{12} primary monohydroxy alcohols by means of gas-liquid chromatography. N. A. Prokopenko, H. V. Malorova, M. I. Demchenko. Zhur. anal. khim. 23 no. 4 642-644 Ap '68.
- Device for applying a strip of substance on a plate with a solvent. V. A. Besonov, U. S. Zvenigorodskiy. Zav. lab. 34 no. 2 157-158 '68.
- Gas chromatographic analysis of wood tar phenols. I. U. K. Shaposhnikov, I. V. Kostukova, E. Z. Druskina. Zhur. anal. khim. 23 no. 4 609-615 Ap '68.
- Gas chromatographic determination of polycarboxylic acids. M. I. Demchenko, K. A. Prokopenko, R. V. Malorova. Zav. lab. 34 no. 2 154-155 '68.
- Gas chromatographic method of determining germanium in coals. M. I. Sazonov and others. Khim. i tekhnol. masel 13 no. 3 64-70 My '68.
- Increasing the resolving power by differentiation of the detector signal. A. D. Berman, I. A. Frank, M. I. Agabekov. Zav. lab. 34 no. 3 272-274 '68.
- Kinetics of the reduction reactions of organic dyes. E. S. Omerova, E. F. Speranskaya, M. T. Kozlovskiy. Izv. AN Kazakh. SSR, Ser. khim. 18 no. 2 32-38 My '68.
- Mass spectrometric study of potassium hydroxide vaporization. A. V. Gerasimov, L. N. Gorkhov. Zhur. fiz. khim. 42 no. 4 869-865 Ap '68.
- Method of detection in liquid chromatography. V. I. Mikhlenko, V. G. Iltis, V. S. Zvenigorodskiy. Zav. lab. 34 no. 2 140-141 '68.
- Method of studying the chemical stability of glasses at 900-1500°C. N. N. Kochergina, A. I. Parfenov, T. V. Pukrov. Vest. LGU 23 no. 10 144-145 My '68.
- Micromethod of determining sodium 2,4-dichlorophenoxyacetate in soil after concentration on anionite. I. K. Tikhonov, E. A. Kuznetsov. Khim. v sel'khoz. 6 no. 6 68-69 Je '68.

- Optimum variant of grounding of the electrodes of X-ray tube in the X-ray spectral fluorescent analysis of elements with low atomic numbers. V. M. Arslanov, S. F. Losen, A. I. Shalaginov. Zav. lab. 34 no. 2 171-172 '68.
- Ordinary chromatography with certain temperature change and its use in qualitative analysis. A. I. Kuznetsov, L. N. Gerasimov, A. N. Korov. Khim. prom. Ukr. 14 155-156 Je '68.
- Photometric determination of a substance on paper and thin-layer chromatograms. V. A. Kuznetsov, L. A. Appon, I. B. Burakovskaya. Zav. lab. 34 no. 2 151-153 '68.
- Preparative electrophoresis in acetoacetic density gradient. H. V. Kozlov, H. I. Iltis, A. I. Iltis. Uch. i tekhnol. masel 13 no. 2 217-221 '68.
- Purification of 1,3-dimethyl-5-phenyl-1,3,5-triazole. A. K. Mikhlenko. Vest. Morsk. univ. Ser. 2 Khim. 23 no. 3 63-64 My '68.
- Quantitative chromatographic analysis of stereoisomers. A. I. Mikhlenko. Zhur. prikl. khim. 41 no. 3 532-537 My '68.
- Quantitative determination of hydroquinone in steel. V. N. Kuznetsov and others. Zav. lab. 34 no. 2 171-172 '68.
- Quinoline as a stationary liquid phase in gas-liquid chromatography of hexane hexene gasoline fractions. V. I. Sokolova, I. P. Kuznetsov. Khim. i tekhnol. masel 13 no. 6 54-56 '68.
- Rapid method of determining desorption isotherms. G. I. Fedorov, G. F. Taranova, H. I. Iltis. Zhur. anal. khim. 23 no. 4 1016-1018 Ap '68.
- Recycling of the second and third fractions of the "TSvet-1.61" chromatograph. A. G. Vitenkov. Zav. lab. 34 no. 2 175-177 '68.
- Selection of a method for the preparation of a mixture for the calibration of chromatographs. Z. I. Gerasimov, A. I. Kuznetsov. Teploenergetika 15 no. 3 87-89 My '68.
- Similarity in the theory and application of a stationary phase in gas-liquid chromatography. A. N. Korov. Zhur. anal. khim. 23 no. 4 648-649 Ap '68.
- Solid carriers for gas-liquid chromatography. V. A. Borzakovskaya and others. Nauch. trudy, no. 7 21-22 '68.
- Some modifications in the design of the "Khrom-2" chromatograph. V. N. Iltis, B. A. Iltis. Zav. lab. 34 no. 2 155-157 '68.
- Stabilization of sorption activity of aluminum oxide in thin-layer chromatography. T. I. Iltis. Zhur. anal. khim. 23 no. 4 500-503 Ap '68.
- Study of radiol-cylindrical dynamics of sorption. T. I. Iltis. Teploenergetika 15 no. 3 87-89 My '68.
- Thin-layer chromatography in inorganic analysis. Report No. 2 Separation and determination of rare earth and other impurities in the analysis of lanthanide preparations of different purity. N. S. Vaglar, M. P. Volynskiy. Zhur. anal. khim. 23 no. 4 621-623 Ap '68.
- Universal small-angle camera for paper chromatography. K. N. Shalaginov. Zav. lab. 34 no. 3 264-265 '68.
- Utilization of powdered cellulose for thin-layer chromatography. G. I. Kuznetsov. Med. rad. 13 no. 3 42-47 My '68.
- Wall effect on the distribution of RAA and RCB free ions concentration in a closed volume of air. A. I. Kuznetsov, V. V. Kuznetsov, G. I. Mikhlenko. Atom. energ. 25 no. 1 65-67 Je '68.
- X-ray spectral fluorescent analysis of cerium and other group rare earth elements. G. I. Kuznetsov. Izv. AN Kazakh. SSR, Ser. khim. 18 no. 2 32-38 My '68.

543.6 (470, 26)—Armenian S. S. L.

- Selenic acid. Prom. Arin. 10 no. 2 70-71 '68.
- 543.7 Inorganic analysis: moisture, impurities, etc. Coprecipitation of tungsten with ferric hydroxide. V. I. Plinikov, V. I. Kozlovskiy, V. P. Cherkashina. Izv. AN Kazakh. SSR, Ser. khim. 18 no. 2 15-17 My '68.
- Determination of impurities of trivalent vanadium in vanadium pentoxide. S. I. Virovetskaya, T. I. Lovtinskaya. Zav. lab. 34 no. 3 279 '68.
- Determination of iron by sodium salicylate. M. I. Vakhitov, M. M. Chelobutova. Zav. lab. 34 no. 3 160 '68.
- Determination of nitrate in sparingly decomposable boronic salts. V. N. Vysotskaya, T. I. Kuznetsov. Zav. lab. 34 no. 3 279-280 '68.
- Effect of growth and impurities on the degree of perfection and properties of alkali halide crystals. I. N. Belikov and others. Ros. krist. 8 85-87 '68.
- Effect of impurities on crystallization. M. S. Sidorov. Kh. A. Slamirskiy. Ros. krist. 8 87-88 '68.
- Effect of impurities on the kinetics of growth of the basal plane of ice in the case of the crystallization of supercooled water. A. S. Mikhlenko, P. I. T. Mikhlenko, P. H. Sperry. Ros. krist. 8 81-84 '68.
- Effect of organic reagents on the precipitation of tungsten as tungstic acid. Z. G. Gerasimova, L. I. Iltis, T. P. Iltis. Vest. LGU 23 no. 10 129-132 My '68.
- Effect of temperature and supersaturation on the rate of aluminum impurity into synthetic quartz. V. E. Khadzi, M. V. Lelakova. Ros. krist. 8 51-56 '68.
- Effect of the anisotropy of the properties of semiconducting crystals on the impurity segregation in a growing crystal. H. I. Mikhlenko, A. P. Vakhitov. Ros. krist. 8 72-77 '68.
- Electronic structure of azo compounds and their complexes with elements. Report No. 3: Structure of beryllium and scandium complexes with arsenazo 1 studied by the method of molecular orbitals. E. L. Kuznetsov, S. B. Savvin, L. A. Grigorov. Zhur. anal. khim. 23 no. 4 599-499 Ap '68.

- Equilibrium of the protonation of bases studied by the solubility of corresponding acids. N. P. Kurnar, O. S. Musalov. *Zhur. anal. khim.* 23 no. 4:485-489 Ap '68.
- Extraction and determination of hexavalent uranium as a complex with arsenazo III. A. A. Nomonduk, I. P. Gukhina. *Zhur. anal. khim.* 23 no. 4:552-557 Ap '68.
- Extraction-photometric determination of microgram quantities of iron in titanium trichloride. T. M. Mal'kina, V. A. Orlova. *Zav. lab.* 34 no. 3:277-278 '68.
- Control of crystals and adsorption. Introductory lecture on adsorption. B. Kern. *Russk. krist.* 5:20 '68.
- Masking of the reaction between indolydole and ferro-cyanide in the presence of sodium thiosulfate. F. N. Kelatku, I. U. V. Karakina. *Zhur. anal. khim.* 23 no. 4:619-622 Ap '68.
- Catalysis of the interaction between adsorbed impurity atoms and growing graphite crystals with the aid of a screening electron microscope. I. Minkov, W. C. Nixon. *Russk. krist.* 5:30-31 '68.
- Phase analysis of products containing boron nitride. N. D. Ilyushin, I. G. Chernykh, T. I. Serbatskaya. *Zav. lab.* 34 no. 3:275-276 '68.
- Photometric and extraction-photometric determination of arsimine (III) by pyridylazobenzyl-m-aminophenol and its bromo-substituted compounds. S. I. Gusev, I. V. Koglyeva. *Zhur. anal. khim.* 23 no. 4:541-544 Ap '68.
- Quantitative determination of oxygen in titanium hydride and metallic titanium. V. R. Negina, K. A. Kozeyeva, Z. S. Bagatova. *Zhur. anal. khim.* 23 no. 4:503-507 Ap '68.
- Reaction of zirconium (IV) with pyrocatechol violet. V. F. L'vov, E. M. Kuznetsova. *Zhur. anal. khim.* 23 no. 4:536-540 Ap '68.
- Separate determination of cuprite and ferrous in the presence of a metallic phase. Kh. K. Oymenov, O. A. Kargin. *Zav. lab.* 34 no. 3:349 '68.
- Some problems of kinetics of recrystallization of polymer films. V. N. Andropov. *Russk. krist.* 6:68-71 '68.
- Some problems of the present-day state of physicochemical methods of the phase analysis of steels and alloys; a survey. N. F. Lashkov and others. *Zhur. anal. khim.* 23 no. 4:578-588 Ap '68.
- Spectrophotometric study of 4-(2-methylazo)-resorcinol and 4-(2-methylazo)-2-naphthol. A. I. Busov, V. M. L'vov, L. S. Kravina. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:80-83 My-Je '68.
- Spectrophotometric study of some monazo derivatives of R-cell as a reagent for gallium. V. D. Saltikov, I. U. M. Ushakov, M. Z. Tsimpol'skii. *Zhur. anal. khim.* 23 no. 4:520-535 Ap '68.
- Spectrophotometric study of the reaction of osmium (VII) with 4-(2-pyridylazo)-resorcinol. A. I. Busov, I. I. Dagdasov, V. M. L'vov. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:101-104 My-Je '68.
- Study of indium, cadmium, lithium complexes with xylitol organic, and their use for the photometric determination of these elements. K. N. Dagdasov, P. N. Korotenko, M. A. Shumilina. *Zhur. anal. khim.* 23 no. 4:515-520 Ap '68.
- Thin-layer chromatography in inorganic analysis. Report No. 2. Separation and determination of rare earth and other impurities in the analysis of lanthanide compounds of different purity. N. A. Vagina, M. P. Polyakova. *Zhur. anal. khim.* 23 no. 4:521-528 Ap '68.
- Use of vaseline oil in quantitative analysis by infrared absorption spectra. A. V. Korotnikov, L. A. Neferova, L. A. Pionova. *Zhur. anal. khim.* 23 no. 4:589-593 Ap '68.
- 543.8 Organic analysis**
- Acetic anhydride as a medium for titration of cyclopentane-2,3-pyrrrole and cyclohexano-2,3-pyrrrole. N. N. Bezlyazov, G. D. Gal'pern. *Zhur. anal. khim.* 23 no. 4:655-658 Ap '68.
- Analysis of organometallic compounds. Report No. 3. Determination of Si-II groups in organosilicon compounds by coulometric titration. A. P. Teron'ev, E. A. Bondarevskaya, T. V. Kirillova. *Zhur. anal. khim.* 23 no. 4:625-627 Ap '68.
- Analysis of tetra-*p*-hydroxypropyl-m-hydroxyethylene diamines by means of acid-base titration in a nonaqueous medium. K. A. Grigova. *Zav. lab.* 34 no. 3:283-284 '68.
- Chromatocoulometric determination of carbon, hydrogen, and nitrogen in organic substances. M. N. Chumachenko, N. B. Levaeva. *Dokl. AN SSSR* 180 no. 4:884-887 Jo '68.
- Determination of α - and β -naphthol by a kinetic method. M. P. Babkin. *Zhur. anal. khim.* 23 no. 4:637-638 Ap '68.
- Determination of hydrogen peroxide, peroxyacetic acid, and acetyl peroxide present in the same batch. G. F. Nishchegovskii, E. V. Vinogradova, S. L. Dobychin. *Zhur. anal. khim.* 23 no. 4:627-629 Ap '68.
- Determination of hydroxy groups in polyethers. N. F. Smysova and others. *Zhur. anal. khim.* 23 no. 4:594-598 Ap '68.
- Determination of oxyethyl groups in oxyethylcellulose. M. A. Shilonskaya, K. G. Nogteva. *Zhur. anal. khim.* 23 no. 4:640-642 Ap '68.
- Determination of the composition of a mixture of C₃-C₁₀ diprimary glycols with C₃-C₁₅ primary monohydric alcohols by means of gas-liquid chromatography. N. A. Prokopenko, R. V. Malorova, M. I. Deinen'eva. *Zhur. anal. khim.* 23 no. 4:642-644 Ap '68.
- Determination of the pyromellitic acid content of pyromellitic dianhydride. N. M. Bokstanova and others. *Zhur. anal. khim.* 23 no. 4:606-609 Ap '68.
- Determination of volatile acids in soybean and pea silages. A. A. Stafichuk, B. M. Mikhail'chevskii. *Khim. v sel'khoz.* 6 no. 4:54-57 Je '68.
- Gas chromatographic analysis of wood tar phenols. I. U. Shaposhnikov, L. V. Koslovskaya, E. Z. Druskin. *Zhur. anal. khim.* 23 no. 4:603-615 Ap '68.
- High-speed complex-forming reactions. L. I. Badarin, K. B. Lashchinskii. *Izv. Khim.* 37 no. 3:409-403 Mr '68.
- Iodometric determination of phenyl organozinc compounds. I. U. N. Baryshnikov, A. A. Kvasov. *Zhur. anal. khim.* 23 no. 4:630-631 Ap '68.
- Photometric determination of carboxylic acid esters. A. P. Grekov, S. A. Matlutenka. *Zhur. anal. khim.* 23 no. 4:639-640 Ap '68.
- Potentiometric titration of some pyridyl-containing carboxylic acid derivatives with tetracyanomethylhydrazide in methyl ethyl ketone. V. K. Kondratov, E. G. Nevikov. *Zhur. anal. khim.* 23 no. 4:631-634 Ap '68.
- Pyrolytic decomposition of organic substances containing oxygen. M. N. Chumachenko, K. A. Kuznetsova. *Stor. i trid. Vses. znan. politekh. inst.* no. 39:5-8 '67.
- Separate determination of acrylates and methacrylates by polarography. V. D. Bezlyazov, I. U. P. Ponomarev. *Zhur. anal. khim.* 23 no. 4:590-605 Ap '68.
- Studies in the field of functional analysis. Isopropyl acetate - acetylating agent in organic analysis. A. A. Volodina, I. V. Kon'kova. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:103-105 My-Je '68.
- Studies in the field of pyrrolidocarboxylic acids. Report No. 2. Gas-liquid chromatography of carboxylic acids of the pyrrolid series and their amides. V. I. Trubnikov and others. *Khim. i farm. Zhur.* 1 no. 12:14-18 '67.
- Thermodynamic analysis of a direct determination of oxygen in organic compounds. V. M. Kuznetsov, M. N. Chumachenko, E. A. Kuznetsova. *Stor. i trid. Vses. znan. politekh. inst.* no. 39:9-17 '67.
- Thermodynamic analysis of a direct determination of oxygen in organic compounds in the presence of chlorine gas. V. M. Kuznetsov, M. N. Chumachenko, E. A. Kuznetsova. *Stor. i trid. Vses. znan. politekh. inst.* no. 39:17-22 '67.
- 543.9 Biological biochemical analysis and reactions**
- Characteristics of the study of natural mixtures and plant growth inhibitors. V. I. Kefel, R. Kh. Turskino. *Fitol. zh.* 15 no. 3:568-577 My-Je '68.
- 546 Inorganic chemistry**
- Nekrasov, B. V. [Principles of general chemistry] Osnovy obshchego khimii. Moskva, "Khimiya." T. 2. 1967. 399 p.
- Studying the process of melting mechanically unstable polymers in a cyclonic oven. F. I. Stigunov, V. I. Bystrykh. *Khim. prom. Ukr.* no. 1:24-25 Ju-Je '68.
- Vesoluzhno-velichantse na neliomni polchenia osobo chistykh veshchestv. Moscow, 1968. [Materials of the All-Union Conference on Methods of Producing High-Purity Substances] Materialy. Moskva, NIITEKIM, 1967. 270 p.
- 546.02 Isotopes**
- Determining the isotope activity in activation analysis using a special coordinate system. I. B. Blazkov, T. N. Blazkova, V. G. Rusakov. *Zav. lab.* 34 no. 3:305-307 '68.
- Intensities of partial radiation transitions to the ground and first excited states into resonance of the isotope Gd¹⁵³. L. S. Danilina, B. V. Efimov, S. K. Solodkov. *Zhur. eksp. i teor. fiz.* 64 no. 2:401-409 F '68.
- Method of scanning the thyroid gland in dyncanates. E. P. Kudrinskaya. *Probl. endok.* 14 no. 3:37-41 My-Je '68.
- Research in the field of isotope geology. 5th International Symposium on Stable Isotopes in Leningrad. E. I. Dontsova. *Geokhimiya* no. 4:517-520 Ap '68.
- 546.1 Nonmetals, metalloids**
- Adsorption of lumenophore to a glass in aqueous solutions of polymethacrylate. E. M. Polonskii, I. A. Tishkov, I. E. Kovalevskii. *Vysok. i nizk. un. Ser. khim.* no. 6:16-19 '65.
- Azotino iastal. V. D. Noforov and others. *Izv. Khim.* 37 no. 2:193-215 F '68.
- Catalytic nitrogen fixation in the presence of transition metal compounds. M. E. Volpin and others. *Dokl. AN SSSR* 180 no. 1:103-105 My-Je '68.
- Combustion under increasing pressure of powdered ammonium perchlorate and its mixtures with aluminum. *Trudy MKIIT* no. 53:176-190 '67.
- Complex formation of chlorine pentafluoride studied on the basis of F¹⁹ nuclear magnetic resonance spectra. D. V. Shajlov and others. *Dokl. AN SSSR* 180 no. 4:851-853 Je '68.
- Condensation of benzaldehyde and m-nitrobenzaldehyde with nitromethane in liquid ammonia. Report No. 2. N. P. Rumyantsev, K. S. Rumyantseva, E. A. Lopatina. *Uch. zap. Mord. gos. un.* no. 60:49-63 '67.
- Distribution of phosphorus impurity in silicon mono-crystals. M. M. Gullarov and others. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:586-597 Ap '68.
- Effect of the treatment of basic ashes by hydrochloric acid on their hydration process. I. A. Malor, H. M. Buti, J. Beretaki. *Trudy MKIIT* no. 50:163-158 '66.
- Forms of occurrence of nickel and cobalt in basic rocks. V. P. Smirnova, G. V. Nezerenko, A. I. Pankratov. *Geokhimiya* no. 4:411-421 Ap '68.
- Geochemistry of chlorine and bromine. V. V. Krasinova. *Geokhimiya* no. 2:171-177 F '64.
- Heat of the adsorption of silicate from aqueous solution on the surface of BM-3-type limonophore. I. A. T. Telenyev, V. P. Zakordonskii. *Vysok. i nizk. un. Ser. khim.* no. 8:12-15 '65.
- Interaction of SnCl₄, TiCl₄ and SiCl₄ with orthophosphoric acid. I. A. Nevasika, A. K. Kuznetsova, T. N. Sumnikova. *Izv. AN Kazakh. SSR, Khim.* 18 no. 2:20-31 Mr-Apr '68.
- Method for the purification of ammonium chloride solutions. M. M. Kuznetsov, V. N. Vasil'kov. *Khim. prom. Ukr.* no. 1:14-15 F '68.
- Molecular dynamics and thermodynamic properties of sulfonates. A. M. L'vov. *Zhur. fiz. khim.* 42 no. 3:594-597 Mr '68.
- Neutron diffraction examination of hydrogen isotopes from 4.2° to 0.0°K. A. S. Butikov, V. S. Kogan. *Zhur. eksp. i teor. fiz.* 64 no. 2:390-395 F '68.
- NMR study of alkali earth metal hydrofluorides. A. A. Opatovskii and others. *Zhur. eksp. i teor. fiz.* 64 no. 2:393-395 F '68.
- Oxidation of the ligands by nitric acid with the production of nitrogeneous fertilizers. S. I. Ganz, I. E. Kuznetsov, M. I. Pechenkin. *Khim. i tekhn.* no. 4:55-58 '67.
- Self-oxidation in the thermal decomposition of ammonium perchlorate. B. A. Sveinlov, V. S. Kuznetsov, L. B. Rumyantseva. *Trudy MKIIT* no. 53:110-123 '67.
- Solubility of nitrogen in a-SiC₃. V. P. Nefedov, V. N. Vlasovskii, A. N. Krasovskii. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:502-505 Ap '68.
- Study of calcium adsorption on the surface of sodium metasilicate pentahydrate by means of radioactive calcium Ca⁴⁵ isotope. Part 2. S. G. Babalan, A. M. Arutunyan, M. G. Mavretskii. *Arm. khim. Zhur.* 21 no. 3:210-217 '68.
- Study of heterogeneous equilibria in the systems NaClO₂-H₂O₂-H₂O (Na²³Cl, Cl³⁵Cl, Cl³⁷Cl, Cl³⁵Cl, Cl³⁷Cl). V. I. Pechenkin, S. I. Stepanov, I. V. Vlasov. *Dokl. AN SSSR* 180 no. 1:126-129 My-Je '68.
- Study of thermal decomposition of ammonium perchlorate and some mixtures based on it. K. K. Andreev, S. M. Tsiganov. *Trudy MKIIT* no. 53:99-119 '67.
- 546.1 (471.21)—Murmansk Province**
- Geochemistry of fluorine in alkali rocks as revealed by a study made on the Lovozero Massif. L. N. Kuznetsova. *Geokhimiya* no. 2:110-127 F '68.
- 546.2 Nonmetals, metalloids of sixth and other groups**
- Axial temperature gradients in vertical zone melting of silicon without use of crucibles. G. I. Kozlov, I. U. M. Shabakov. *Dokl. AN SSSR* 170 no. 3:656-659 Mr '68.
- Behavior of reactants of acid daughter products in the air. A. I. Kirillov, V. V. Klynov, V. O. Lashchinskii. *Alum. i berg.* 25 no. 1:51-62 Ji '68.
- Characteristics of the distribution of germanium in magmatic of a different origin. V. A. Vukhrashev, N. V. Arsenau. *Geokhimiya* no. 2:143-147 F '61.
- Colorimetric determination of sulfur in glasses. N. M. Pechenkin, M. N. Chernikova. *Trudy MKIIT* no. 50:81-83 '68.
- Colorimetric determination of Se (IV) and Te (IV) using potassium permanganate. P. K. Agastan and others. *Zav. lab.* 34 no. 2:121-131 '68.
- Chemical chemistry of titanates, silicates, titanate and silicoaluminates. V. V. Buzukin, N. V. Itelov. *Geokhimiya* no. 2:101-101 F '64.
- Determination of silicic acid in sparingly decomposable thoride slags. V. N. Vyatokala, T. I. Korolovich. *Zav. lab.* 34 no. 3:270-280 '68.
- Determination of thioacetate in silicofluorination baths. S. I. Burykina, A. V. Kirilov. *Zav. lab.* 34 no. 3:280 '68.
- Effect of oxidation parameters on the sensitivity of determination of impurities in high-purity selenium. M. Minchuk. *Zav. lab.* 34 no. 2:165-169 '68.
- Electric properties of solid solutions of germanium with silicon. S. I. Taitov and others. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:408-501 Ap '68.
- Extraction-conductometric method of determining silicon. I. V. Myshlakov, I. V. Sedova. *Zav. lab.* 34 no. 3:263-265 '68.
- Formation of thioacetate derivatives of niobium. G. B. Salina, I. U. M. Kirilov, Z. A. Tarasova. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:518-522 Ap '68.
- Geochemistry of boron in supergenic processes. A. A. Oksim, I. E. Zulkifli. *Geokhimiya* no. 2:148-162 F '64.
- Quantitative analysis of boron. I. V. Tikhov, M. D. Makarov, V. A. Ivanovskii. *Dokl. AN SSSR* 180 no. 2:381-382 My '68.
- Interaction of Ga₂Se₃ with sulfur and Ag₂Se with selenium. E. G. Tashirov and others. *Uch. zap. AGU, Ser. khim. nauk* no. 47:1-16 '68.
- New data on the geochemistry of boron. A. N. Kozlov. *Geokhimiya* no. 4:468-475 Ap '68.
- New type of current instability in n-germanium. A. A. Kozlovskii, S. I. Ryklov, I. A. V. Fed. *Zhur. eksp. i teor. fiz.* 7 no. 12:148-160 Je '68.
- Organosulfonate derivatives of barium (10-carboranate). V. I. Bregadzo, O. R. Okulobyslin. *Izv. khim.* 37 no. 3:353-378 Mr '68.
- Oxidation of concentrated sulfur dioxide in a fluidized bed of a catalyst. I. U. V. Filalov, I. P. Mukhtonov. *Zhur. prikl. khim.* 41 no. 3:475-480 Mr '68.
- Phase diagram of the In-Selenium system. A. M. Oksim and others. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:40-51 My-Je '68.

Study of the possibility of obtaining glasses with high content of rare earth elements. I. I. Kitagorodskii, O. L. Al'tshuk. *Trudy MKhIT* no. 50:36-38 '66.

Use of the ion-exchange method in a test-tube analysis for quantitative determination of silver. I. N. Ermolova, G. A. Kamalov. *Arm. khim. zhur.* 21 no. 3:264-285 '68.

548.5 (471.87)—Daghestan A. S. S. R.

Copper, nickel and vanadium in some soils of Daghestan. D. I. Zulfugarly, M. I. Abul'baeva, G. M. Mursalova. *Uch. zap. AGU, Ser. khim. nauk* no. 4:31-40 '66.

548.6 Metals of the third group

Complexometric determination of trivalent thallium with the use of N-methylanthraquinone- α - β -azo-2-1 naphthol-5-sulfonic acid as an indicator. R. Kh. Dzhitlanbaeva and others. *Nauch. trudy TsAGU* no. 28:42-48 '67.

The composition and stability of mixed complexes of thallium (III) with two and three various types of ligands in the inner sphere. B. I. Lohav and others. *Probl. sov. khim. kaard. seed.* no. 2:227-241 '68.

Compounds rich in iron in the system of rare earth metal-iron and their crystal structures. P. I. Kiyv'akov, P. P. Frankovich, O. S. Zarechuk. *Vysnyk L'viv. un. Ser. khim.* no. 8:61-74 '65.

Crystal structure of the ScZn_2 compound. V. I. Kravtsovich, V. S. Protasov, I. U. N. Kuz'ma. *Vysnyk L'viv. un. Ser. khim.* no. 8:60-62 '65.

Determination of gallium in semiconductor alloys by means of oscillographic polarography. I. S. Kupanekale, O. A. Arzhantsev, I. U. S. Lel'nikov. *Zav. lab.* 34 no. 2:112-133 '68.

Heat capacity and heat capacity of samarium and europium sesquioxides at high temperatures. O. G. Gvozdetskiy, D. S. Tsagarolskiy, T. S. Aukhvi. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:563-566 Ap '68.

Extraction-chromatographic behavior of Fe (III) in the system tributyl phosphate - hydrochloric acid and its salts. N. I. Ershova, T. Z. Iot'kova, I. P. Al'terov. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:70-70 My '69.

Hydrolysis of trivalent thallium ions. H. N. Iakovlev, F. A. Kal'ba, V. E. Mironov. *Probl. sov. khim. kaard. seed.* no. 2:241-247 '68.

Interphase tension at the interface of aluminum-alkali solutions. V. K. Shcherbakov, S. I. Kuznetsov. *Zhur. prikl. khim.* 41 no. 3:505-508 Mr '68.

Metallates and their derivatives, a new group of rare earth silicates. N. A. Tomonov, N. V. Margolis, A. A. Ieremov. *Dokl. AN SSSR* 179 no. 3:610-613 Mr '68.

Photoelectric study of cerium compound with magnesium and development of method for its determination. M. K. Akhmedov, D. G. Ginnurov. *Uch. zap. AGU, Ser. khim. nauk* no. 4:10-23 '66.

Physicochemical properties and structure of aluminum hydride complex compounds. N. M. Al'terova and others. *Usp. khim.* 37 no. 2:216-245 P '68.

Polymorphism of rare earth metals. G. V. Smirnov. *Dokl. AN SSSR* 180 no. 2:377-380 My '68.

Dzhitlanov, F. G. [Gallium chalcogenides] *Kval'kogentily gilla. Baku, Izd. AN Azerb. SSR*, 1967, 130 p.

Solubility of cerium phosphate in HNO_3 and H_2SO_4 . E. L. Kravtsovich, S. T. Talpov, A. Makh'menov. *Nauch. trudy TsAGU* no. 28:40-41 '67.

Study of oxygen in rare earth fluorides. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:532-536 Ap '68.

Spectroscopic determination of lanthanum and yttrium in steel. O. L. Kishina, N. K. Ivanova. *Zav. lab.* 34 no. 2:173 '68.

Synthesis of $\text{TiCl}_3 \cdot 2(\text{C}_6\text{H}_5)_2\text{O}$ compounds. I. K. Chel'kajin and others. *Zhur. prikl. khim.* 0 no. 2:213-217 Mr-Apr '68.

Study of titanium corrosion in silicic acid melt using the emission spectral analysis method. A. A. Appen, I. D. Dzh'kovskaya, Kh. I. Zil'berstein. *Zhur. prikl. khim.* 41 no. 3:509-514 Mr '68.

Study of the complexing of samarium with nitrazin red S and activity by the extraction-photometric method. M. K. Akhmedov, I. S. L'vovskaya, A. A. Melikov. *Uch. zap. AGU, Ser. khim. nauk* no. 4:24-30 '66.

Study of the complexing of trivalent thallium with N-methylanthraquinone- α - β -azo-2-1-naphthol-5-sulfonic acid. R. Kh. Dzhitlanbaeva, S. T. Talpov. *Nauch. trudy TsAGU* no. 28:41-49 '67.

Study of the double oxides of boron and rare earth elements. V. I. Spitsyn and others. *Dokl. AN SSSR* 180 no. 4:870-881 Je '68.

Study of the effect of niobium and cerium oxides on pores: a structure of niobium-niobium catalyst. B. A. Dadashev, S. G. Abbasov, N. A. Gaidarov. *Uch. zap. AGU, Ser. khim. nauk* no. 4:58-60 '66.

Study of the glass formation and properties of fluorosilicate-phosphate glasses. L. N. Urusovskaya, N. V. Kosomarov, R. I. Shukla. *Zhur. prikl. khim.* 41 no. 3:600-604 Mr '68.

Study of the impact strength of corundum of the system Al_2O_3 -Me. B. S. Skidan, A. S. Vlaev, D. N. Polubol'skiy. *Trudy MKhIT* no. 50:213-216 '66.

Study of the separation of lanthanum and praseodymium using oxalylhydronedimino- β -picric acid and parallel complexing method. V. Gubel'ki, B. Przybylo. *Vysnyk L'viv. un. Ser. khim.* no. 8:36-42 '65.

Thermodynamic analysis of the equilibrium in the system CeO_2 - CaO . F. A. Akapov, D. N. Polubol'skiy. *Trudy MKhIT* no. 50:191-194 '66.

Thermodynamics of the thermal decomposition of aluminum sulfate. P. P. Rudnikov, F. Kerbe. *Trudy MKhIT* no. 50:179-184 '66.

X-ray spectral fluorescence analysis of solutions of cerium group rare earth elements. G. I. Rekkolainen, I. I. Ivanova. *Zav. lab.* 34 no. 2:172-174 '68.

548.7 Metals of the sixth, seventh, eighth groups

Advantage of using the uranium underground leaching method under the conditions of water-encroached stratified deposits. A. N. Gubkin, D. T. Desatnikov, I. K. Rudnov. *Atom. energ.* 24 no. 5:511-514 Je '68.

Behavior of iron in the tertiary homogeneous systems benzene - butyric acid - water. T. A. Mikhova, K. V. Cherevskaya. *Spor. trud. Vses. zaoch. pol'tekh. inst.* no. 39:58-62 '67.

Breakdown of uranyl group in strongly acid solutions. A. A. Nemadur and others. *Dokl. AN SSSR* 180 no. 4:872-875 Je '68.

Chemical transformations of sorbic acid on iron and nickel surface during their acid corrosion. A. M. Lolua, N. N. Kachanova, L. N. Putilova. *Zhur. prikl. khim.* 41 no. 3:534-539 Mr '68.

Chemistry of manganese carboxyl. K. N. Anisimov, A. A. Iogannov, N. E. Kolobova. *Usp. khim.* 37 no. 3:360-408 Mr '68.

Compounds of iron in kaolins. V. V. Lapin, D. V. Tishchenko. *Zhur. prikl. khim.* 41 no. 3:677-679 Mr '68.

Conditions governing the formation of the sorption barrier of the migration of uranium under oxidizing circumstances. V. S. Dement'ev, M. O. Syromiatnikov. *Goskhimtia* no. 4:459-465 Ap '68.

Current state of the problem of the possible utilization of the isotopic composition of sulfur for the determination of sulfide deposits. G. M. Gapev, N. I. Pot'eva. *Sov. geol.* 11 no. 4:38-57 Ap '68.

Determination of chrome-spinellite in alloys and concentrates. I. F. Koshkarov, H. A. Polkanov. *Razved. i kkh. nedr.* 32 no. 12:46-47 B '66.

Determination of 1, 10-5 - 1, 10-3% iron in soils using HCl. S. U. Krein'gov, E. A. Rozhkovskiy, V. N. Anisimov. *Zav. lab.* 34 no. 3:260-263 '68.

Effect of molybdenum on homopolysulfides in white rats with experimental anemia. I. V. Kurkova. *Trudy Vor. med. inst.* 98:104-106 '67.

Effect of some impurities on the content of iron in the solutions of alkali hydroxides. M. M. Kuznetsov. *Zhur. prikl. khim.* 41 no. 3:630-640 Mr '68.

Effect of vanadium pentoxide on the growth of Mycobacterium tuberculosis cultures. I. M. Kopylova. *Trudy Vor. med. inst.* 98:120-122 '67.

Electromigration of perchlorate ions. A. S. Gocharenko. *Zhur. prikl. khim.* 41 no. 3:598-600 Mr '68.

Extraction-photometric determination of microgram quantities of iron in titanium tetrachloride. T. M. Matlulina, V. A. Orlova. *Zav. lab.* 34 no. 3:277-278 '68.

Hydrogenation of toluene on epine-type aluminum-nickel catalysts promoted by platinum. G. L. Babitskiy and others. *Dokl. AN SSSR* 179 no. 3:637-640 Mr '68.

Impact synthesis of chromium (III) chalcogenides. S. S. Vatsenev, E. S. Zolotareva. *Dokl. AN SSSR* 180 no. 1:93-94 My-Jo '68.

Influence of gases on pore formation in welds in argon-arc welding of nickel. V. E. Kivoshvilo. *Atom. svar.* 21 no. 4:13-15 Ap '68.

Investigation of the equilibrium between metallic plutonium and its ions in chloride media. V. I. Sifin and others. *Atom. energ.* 25 no. 1:26-20 Ji '68.

Iron and manganese content in various photosynthesizing microorganisms. T. M. Vot'kova, E. N. Kondrat'eva, E. A. Dolichenko. *Mikrobiologiya* 37 no. 2:107-200 Mr-Apr '68.

Kinetics of the reduction reactions of organic dyes. K. S. Omarova, E. F. Spasovskaya, M. F. Korolevskiy. *Izv. AN Kazakh. SSR, Ser. khim.* 10 no. 2:32-30 Mr-Apr '68.

N-methylanthraquinone- α - β -azo-2-1-naphthol as a reagent for photometric determination of cobalt. I. V. Chuprasova, S. T. Talpov, R. Kh. Dzhitlanbaeva. *Nauch. trudy TsAGU* no. 28:42-48 '67.

On the reference of absorption bands in the electronic spectra of ferrocene and its derivatives. G. B. Zaslavskaya and others. *Dokl. AN SSSR* 179 no. 3:589-592 Mr '68.

Photocolorimetric determination of molybdenum in the form of complex compound molybdenum - pyrocatechol - pagnervit. S. T. Talpov, G. P. Gorkovaya, R. Kh. Dzhitlanbaeva. *Nauch. trudy TsAGU* no. 28:83-85 '67.

Rabbits, Eugene, and Belford, R. L. [Spectroscopy and photochemistry of uranyl compounds. Translated from the English] *Spektroskopiya i fotokhimiya soderzhat' uranila. Pod red. L. V. Lipina. Moskva, Atomizdat*, 1968, 343 p.

Reaction of 1, 3-dichloro-2-bulone with metallic tin. A. A. Gorkovskiy, Zh. G. Sarzhanov. *Arm. khim. zhur.* 21 no. 3:269-278 '68.

Reaction of petroleum with nickel and zinc in aqueous solutions. I. P. Kostikova, L. A. Gultova. *Uch. zap. AGU, Ser. khim. nauk* no. 4:44-57 '68.

Reactions in thoriated tungsten and thoriated molybdenum. V. M. Kait'nik, Sbor. trud. Vses. zaoch. pol'tekh. inst. no. 39:67-74 '67.

Regularity of hydrogen solubility in transition metals of subgroup B. A. A. Mazurek, R. G. Averbach, I. U. N. Vili'. *Zhur. prikl. khim.* 42 no. 3:641-643 Mr '68.

Removal of iron compounds from ammonium sulfate solutions. V. S. Sazhin, A. K. Zapol'skiy, I. I. Fedorovskiy. *Khim. tekhn.* no. 9:68-75 '67.

Separation of molybdenum and iron by means of ion exchangers in nitrosulfate medium. F. S. Stafkin. *Uch. zap. AGU, Ser. khim. nauk* no. 8:32-48 '66.

Some physicochemical properties of the components of the system MoO_3 - MoCl_5 . S. S. Kiselev, V. A. Zhitonkov. *Dokl. AN Tadzh. SSR* 11 no. 3:41-45 '68.

Some rules of uranium and thorium content in soils in relation to bedrock. A. I. Davra. *Trudy inst. poeliv. i agrokhim. AN Azerb. SSR* 15:161-168 '67.

Spectrophotometric study of the conditions of extraction of titanium, molybdenum, and niobium with acetylhydroxamic acid. N. P. Boronkova. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:84-88 My-Je '68.

Study of the behavior of titanium and tungsten carbides during sintering in a plasma jet of argon. E. B. Korotova, V. A. Petrunchev. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:687-810 Ap '68.

Study of the role of molybdenum in hydrogen-donor system of nitrogen-fixing microorganisms. T. K. B'ina. *Mikrobiologiya* 37 no. 2:217-222 Mr-Apr '68.

Synthesis and properties of new compounds in the system uranium trioxide - water. L. M. Kuznetsov, V. I. Bzikin. *Dokl. AN SSSR* 180 no. 2:366-359 My '68.

System iron - nickel - silicon. L. K. Borushevich and others. *Vysnyk L'viv. un. Ser. khim.* no. 8:83-87 '65.

Thermal and gravimetric study of the reaction of reducing chlorination of calcium tungstate and molybdate. I. A. Olukhov, L. M. Shalukhina, V. I. Zagrachnina. *Dokl. AN Tadzh. SSR* 11 no. 1:34-38 '68.

Trifluorotungsten complex compounds of nickel and cobalt. V. K. Zolotareva, M. S. Pikit. *Vysnyk L'viv. un. Ser. khim.* no. 8:40-50 '65.

U - Te system. V. K. Stevianskiy and others. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:824-828 Ap '68.

Use of the X-ray spectral analysis in determining the isotopic composition of uranium. S. S. Lemin, I. V. Serikav. *Atom. energ.* 25 no. 4:57-61 '68.

548.7 (471.87)—Daghestan A. S. S. R.

Copper, nickel and vanadium in some soils of Daghestan. D. I. Zulfugarly, M. I. Abul'baeva, G. M. Mursalova. *Uch. zap. AGU, Ser. khim. nauk* no. 4:31-40 '66.

548.8 Metals of the fourth group, etc.

Complexometric determination of bismuth by means of the indicator of N-methylanthraquinone- α - β -azo-2-1 naphthol-5-sulfonic acid (MNA-S). R. Kh. Dzhitlanbaeva, S. T. Talpov, A. L. Kirika. *Nauch. trudy TsAGU* no. 28:45-51 '67.

Complexometric determination of bismuth in the presence of indium. A. I. Busev, N. V. Shvedova. *Zav. lab.* 34 no. 2:140 '68.

Coprecipitation of bismuth with iron hydroxide in a solution of ammonium hydroxycarbonate. A. I. Novikov, L. N. Gorniceva. *Dokl. AN Tadzh. SSR* 11 no. 1:37-40 '68.

Determination of bismuth by diphenic acid. V. I. Agafonova, I. P. Kuznetsov. *Zav. lab.* 34 no. 3:267-268 '68.

Determination of the content of trivalent and pentavalent vanadium in a catalyst. V. N. Kravtsovskiy, I. I. Grebenyuk. *Khim. prom. Ukr.* no. 2:41-42 Ja-F [Izv. Mr-Apr] '68.

Direct complexometric titration of bismuth in the presence of N-methylanthraquinone- α - β -azo-2-1 naphthol as an indicator. T. B. Anisimov, S. S. L'vovskaya. *Nauch. trudy TsAGU* no. 28:49-55 '67.

Effect of quasi-local states on the de Haas - Van Alphen effect in bismuth type metals. A. M. Ermolov. *Zhur. eksp. teor. fiz.* 54 no. 4:1250-1253 Ap '68.

Effect of the degree of purity of ZrO_2 and stabilization method of some properties of zirconium ceramics. I. M. Demons, G. P. Kelliga. *Trudy MKhIT* no. 50:185-190 '68.

Effect of titanium dioxide on phase composition of pyroceramic materials. N. M. Pavlushkin, M. Sh. Sherdiev, S. T. Suleimenev. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:635-637 Ap '68.

Electric properties of solid solutions of germanium with silicon. S. I. Tatrov and others. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:405-501 Ap '68.

Fluoride of the formation of titanium oxyfluorides. M. P. Morozov, E. I. Gafbrekh, V. A. Smirnova. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:523-526 Ap '68.

Extraction-photometric determination of microgram quantities of iron in titanium tetrachloride. T. M. Matlulina, V. A. Orlova. *Zav. lab.* 34 no. 3:277-278 '68.

Extraction-photometric determination of zirconium. R. Kh. Dzhitlanbaeva, M. Abdurakhmanov, S. T. Talpov. *Nauch. trudy TsAGU* no. 28:70-75 '67.

Extraction-photometric method of determining niobium. G. P. Orlov and others. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:89-92 My-Jo '68.

Formation of thioacyanate derivatives of niobium. G. B. Seifer, I. U. N. Kuznetsov, Z. A. Tarasova. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:518-522 Ap '68.

Interaction of niobium oxychloride with di- and triethylamines. S. M. Sinitseva, V. I. Sinigina, I. U. N. Buzalov. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:827-828 Ap '68.

Melting temperature of antimony selenide and antimony sulfide at high pressures. V. A. Kirikinskii, V. G. Akushev, A. P. Plaposev. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:613-614 Ap '68.

Phase diagram of the system zirconium - niobium zirconium - zirconium carbide. I. N. Danilova and others. *Zhur. prikl. khim.* 41 no. 3:402-500 Mr '68.

Phase diagram of the tin - bismuth system. A. M. Gafbrekh and others. *Vest. Mosk. un. Ser. 2: Khim.* 23 no. 3:48-51 My-Jo '68.

Photometric determination of microgram amounts of niobium in metals and alloys. S. V. Kiselev, S. B. Savvin, N. A. Mirzaev. *Zav. lab.* 34 no. 2:138-139 '68.

Polarographic study of the complexing process of vanadium compounds at lower degrees of oxidation with complexans. M. F. Orlovskaya, I. A. Tsarkovskaya. *Probl. sov. khim. kaard. seed.* no. 2:204-217 '68.

Possibility of separating SnS_2 and SnO_2 in hydrochloric acid. S. K. Atanas'ev, V. F. Smachnala. *Zav. lab.* 34 no. 3:280-271 '68.

Properties of zirconium dioxide layers obtained by flame etching. M. L. Ezericki and others. *Izv. AN SSSR, Neorg. mat.* 4 no. 4:649-652 Ap '68.

Prospecting significance of dikes of ultrabasic alkali rocks. A. G. Zhabin, N. P. Surina, A. A. Mamukhova. *Sov. geol.* 11 no. 3:109-112 Mr '68.

- Obtaining of chemically pure pharmacopoeial aminocaproic acid. M. I. Eganovskaya and others. Khim. farm. zap. 1 no. 12-44 D '67.
- Obtaining the cellulose triacetates of high degree of polymerization. N. I. Klenkova and others. Zhur. prikl. khim. 41 no. 3:620-628 Mr '68.
- Pathologic treatment of diffuse forms of cancer of the esophageal organs by introducing vitamins with glucose into the subcutaneous vein. N. I. Ligorov. Vopr. onk. 14 no. 3:42-48 '68.
- Possible forms of existence of dialkylthiocarbamate in acid and alkaline aqueous media. A. K. Livshits, A. V. Gierbatskii. TSvet. mel. 41 no. 2:19-21 F '68.
- Preparation of diketoacetic acid. G. N. Turenkova, G. N. Lipanova. Zhur. prikl. khim. 41 no. 3:664-665 Mr '68.
- Production of polysaccharides by green photosynthesizing bacteria. E. M. Konstantinov, E. N. Kravtchuk, I. M. N. Kozlov. Mikrobiologiya 17 no. 3:417-424 My-Ju '68.
- Some reactions of esters of isobutyric ether of ethylene glycol. G. I. Aganitsova, I. G. Altshuler, N. I. Alimova. Tsh. zap. AGU, Ser. khim. nauk. no. 4:71-75 '66.
- Spectrophotometric determination of molarities in technical urethane. G. A. Iskan, A. P. Volkova, F. A. Mostovskii. Arm. khim. zhur. 21 no. 1:68-67 '68.
- Studies in the field of functional analysis. Isopropenyl acetate acetylating agent in organic analysis. M. A. Volynskii, I. V. Kozlovskii. Vest. Mosk. un. Ser. 2: Khim. 22 no. 3:104-105 My-Ju '68.
- Studying the destruction of a porous screen during vacuum filtration. G. I. Boyarskii, B. A. Gerasimov. Khim. prom. Ukr. no. 1:45-47 Ja-F '68.
- Synthesis of some acetylated derivatives of D-xylofuranose. B. N. Stepanenko, I. M. Kuznetsov. Dokl. AN SSSR 160 no. 4:861-864 Ju '68.
- Use of ion exchange resin for esterification of adipic acid. V. M. Turan, L. G. Chebotareva. Zhur. prikl. khim. 41 no. 3:662-664 Mr '68.
- Yield of levoglucosan during the gasification of spruce chips. T. I. Prokhorovich, V. A. Lianina. Nauch. trudy OIL no. 10:21-26 '68.
- 547.5 Cyclic (ring) compounds. Iso- or homocyclic single-ring compounds**
- Carboxylating alkylphenols. H. T. Gorbash, S. A. Carulov, N. I. Gorbash, I. N. Gorbash. Khim. zap. AGU, Ser. khim. nauk. no. 7:34-35 '66.
- Change in the quality of toluene during prolonged storage. I. V. Malysheva, S. N. Dadasheva. Khim. i tekhn. 11 no. 1:58 '68.
- Complexometric titration of rare earth elements with N-methyliminodiacetic acid as an indicator. Sh. T. Talipov, I. L. Kravtchuk, Nauch. trudy TashGU no. 2:42-43 '67.
- Condensation of benzaldehyde and n-nitrobenzaldehyde with nitroethane in liquid ammonia. Report No. 2. N. P. Rumyantsev, K. S. Rumyantseva, E. A. Lopatin. Uzb. zap. Mord. gos. un. no. 60:64-63 '67.
- Condensation of p-dimethylaminobenzaldehyde with nitroethane in liquid ammonia. Report No. 3. K. S. Rumyantseva, N. P. Rumyantsev, L. F. Dorogalkina. Uzb. zap. Mord. gos. un. no. 60:64-63 '67.
- Condensation of phenol with dichloroethane and p-dichlorodithyl ether (chlorox). Sh. M. Gorbash, I. U. Gorbash, I. G. Gorbash. Uzb. zap. AGU, Ser. khim. nauk. no. 4:82-83 '66.
- Condensation of some terpene hydrocarbons with formaldehyde in the presence of cation exchange resin KU-2. V. I. Isaganiyev, S. V. Khomko. Zhur. prikl. khim. 41 no. 3:653-658 Mr '68.
- Cytotoxic activity and chemical structure of some derivatives of N-allyl-N'-phenylhydrazide. I. Karmov, I. Isaganiyev, G. Vasilev. Fiziol. rast. 15 no. 3:430-435 My-Je '68.
- Dehydrogenation of diisopropyltoluenes, diethyl-, and diisopropylbenzenes. R. G. Ismailov and others. Dokl. AN Azorb. SSR 23 no. 11:13-17 '67.
- Effect of the dimensions of crystals on the thermal decomposition of aromatic polyimide compounds. I. A. Makalimov, V. A. Korolova. Trudy MKIT 1 no. 53: 62-63 '67.
- Effect of the degree of vessel filling by the substance on the thermal decomposition of liquid aromatic nitro compounds. I. A. Makalimov. Trudy MKIT 1 no. 53: 69-72 '67.
- Effect of the nature of cation of salt catalyst on the oxidation kinetics of p-xylene. K. A. Chervinskii, L. P. Zhuravskaya. Khim. tekhn. no. 9:39-43 '67.
- Exposition of diacylopentadienyl esters of monohydric alcohols. M. F. Sorokin and others. Lakorn. mat. i kh. prim. no. 2:4-9 '68.
- Isobutemethylation of toluene on epino-type aluminum-nickel catalysts promoted by platinum. G. L. Rabinovich and others. Dokl. AN SSSR 179 no. 3:637-640 Mr '68.
- Infrared spectra of lignin preparations. D. D. Maisalin, G. P. Grigor'ev. Zhur. prikl. khim. 41 no. 3:670-671 Mr '68.
- Interaction of lignin models with resorcinol. V. I. Ryslykh, M. A. Zarubin. Izv. vye. uchob. zav. i los. zhur. 11 no. 1:145-148 '68.
- Isolation of trichlorogermano and germanium dichloride with ketones. S. P. Kolosnikov, B. L. Perlmutter, O. M. Nodov. Dokl. AN SSSR 160 no. 1:112-115 My-Je '68.
- Liquid phase oxidation of m-xylene. K. A. Chervinskii, E. L. Ulanova. Khim. tekhn. no. 9:44-47 '67.
- Mono- and dialkylphthalates of guaiacol by the effects on cation exchanger KU-2. S. P. Starikov, B. A. Baranov, M. N. Volkov. Zhur. prikl. khim. 41 no. 3:688-690 Mr '68.
- Morphological changes in animal organs in acute and chronic poisoning with alpha-methylstyrene and styrene. V. V. Veselova, G. A. Oglesnev. Nauch. trudy OIL no. 6:88-95 '63.
- Optimization of the production of aromatic hydrocarbons. I. A. Andreev, S. G. Lopatin. Izv. vye. uchob. zav. i los. zhur. 11 no. 1:103-108 '68.
- Oxidation of benzene in a gas phase initiated by bromobenzene vapor. O. M. Slazina, A. A. Alimashina, A. B. Nishchenko. Arm. khim. zhur. 21 no. 4:265-267 '68.
- Oxidation of naphthalene-ortho-xylene mixture. V. N. Shtik and others. Vest. Mosk. un. Ser. 2: Khim. 22 no. 3:104-105 My-Ju '68.
- Oxidation of organic compounds. Report 6: Gas phase transformation of dures in the presence of molecular oxygen and water vapors. A. A. Shapovalov, D. Kh. Semakova, B. V. Suvorov. Izv. AN Kazakh. SSR. Ser. khim. 18 no. 2:84-86 Mr-Apr '68.
- Photochemical bromination of methylcyclohexane. V. Kh. Ugaev and others. Dokl. AN Azorb. SSR 23 no. 11:18-22 '67.
- Photometric determination of beryllium by means of N-methyliminodiacetic acid. A. I. Golovin, A. G. Anikin, A. K. Morozovskii. Vest. Mosk. un. Ser. 2: Khim. 22 no. 3:104-105 My-Ju '68.
- Purification of 1,3-dimethyl-5-tert-butyl-2-acetophenone by the zone melting method. A. I. Golovin, A. G. Anikin, A. K. Morozovskii. Vest. Mosk. un. Ser. 2: Khim. 22 no. 3:104-105 My-Ju '68.
- Quantitative chromatographic analysis of simple phenols. A. I. Golovin. Zhur. prikl. khim. 41 no. 3:658-657 Mr '68.
- Separation of xylenes by the chlorination of beryllium hydroxycarboxylate. V. S. Hegdard, M. F. Khachaturian. Zhur. prikl. khim. 41 no. 3:688-692 Mr '68.
- Studies in the synthesis of resins and plastics based on halogen derivatives of aromatic compounds. Resins based on 4,4'-dichlorodiphenyl ether. T. A. Bakaya. Khim. tekhn. no. 9:10-16 '67.
- Synthesis and complex-forming properties of p-cresol-2-methyliminodiacetic acid. V. A. Temkin and others. Dokl. AN SSSR 160 no. 3:895-898 Je '68.
- Synthesis of new Schiff bases and study of some of their physicochemical properties. T. N. Matushko, L. P. Trifilina, I. A. Ravich. Vest. Mosk. un. Ser. 2: Khim. 22 no. 3:104-105 My-Ju '68.
- Tautomeric equilibrium in acid solutions of p-aminobenzoic compounds. I. A. Berashvili, O. P. Ginzburg. Dokl. AN SSSR 160 no. 1:98-99 My-Je '68.
- Transformation of C¹⁴-labeled phenol compounds in isolated leaf plant shoots. M. N. Zuprometov, V. A. Bakayeva. Fiziol. rast. 15 no. 3:457-463 My-Je '68.
- Trypan blue transformation by Aspergillus niger. T. P. Dvornikova, C. K. Skladin, N. N. Suvorov. Mikrobiologiya 37 no. 2:228-232 Mr-Apr '68.
- Viscosity of monoxylene depending on the temperature and pressure (27°C and 400 bar.). Sh. M. Ismail-Zade, A. D. Talipov. Izv. vye. uchob. zav. i los. zhur. 11 no. 1:34-41 '68.
- 547.6 Polymeric (multiring) bicyclic compounds**
- Catalytic action of metal ions on the photolysis of amino acids. M. A. Kuznetsov, E. P. Gorbachova. Dokl. AN SSSR 160 no. 2:492-495 My '68.
- Extraction photochemical determination of palladium by means of N-methyliminodiacetic acid. A. V. Chuprasova, Sh. T. Talipov, R. Kh. Dzhililova. Nauch. trudy TashGU no. 2:42-43 '67.
- Fluoranthene derivatives. Report 7: Properties of the preparation, purification of fluoranthene-3 of 12-fluoranthene and transformation based on it. M. I. Shtenber, I. P. Heit, I. M. Kozlov. Khim. tekhn. no. 9:52-56 '67.
- Fluoranthene derivatives. Report 8: Some properties of 1-oxylfluoranthene. M. I. Shtenber, B. B. Isaganiyev. Khim. tekhn. no. 9:57-61 '67.
- Local and respiratory effect of 7,12-dimethylbenz-o-anthracene on mice of CC57BR line. F. K. Dzhalilov, D. A. Asadov. Vopr. onk. 14 no. 7:53-57 '68.
- Oxidation of diphenylmethane in the presence of acetic anhydride. A. N. Beshkov, A. N. Dogaheva. Dokl. AN SSSR 160 no. 1:96-97 My-Je '68.
- Passability of accumulation in the tissues in rabbits and pigs of carcinogenic hydrocarbons introduced with the ladder. N. D. Gorbachova, A. I. Cherepanova. Vopr. onk. 14 no. 4:83-85 '68.
- Separation and purification of diphenylpropane. D. A. Novikhaika and others. Khim. prom. Ukr. no. 2:20-21 Ja-F '68.
- Study of the composition of methylcyclopentadiene fraction of phenol plant. M. D. Slapov and others. Khim. tekhn. no. 8:136-138 '67.
- Studying the optical activity of petroleum products of the Katalan field. I. S. Saltar-Zade, I. A. Kh. Shakhverdian, A. D. Saltar-Zade. Izv. vye. uchob. zav. i los. zhur. 11 no. 1:47-48 '68.
- Using nonpolar and mixed solvents for the polarographic determination of anthracene derivatives. Z. I. Fodoran, I. S. Levin. Zav. lab. 34 no. 2:141-144 '68.
- 547.7 Heterocyclic compounds**
- Alkylation and acylation of pyridine during thermal decomposition of quaternary salts of pyridinium according to Ledenberg-Clubbahn. I. U. I. Chumakov, V. F. Novikova. Khim. prom. Ukr. no. 2:17-49 Ja-F '68.
- Chemical composition of vat residues after vacuum rectification of raw furfural. A. N. Dagaev. Izv. vye. uchob. zav. i los. zhur. 11 no. 1:141-144 '68.
- Chemistry of vinylacetylene. Part 6: Addition of α -chlorotetrahydrofuran to vinyl- and isopropenyl acetates and some transformations of obtained chlorides. S. A. Vartanian, L. G. Mesropian, A. O. Tosunian. Arm. khim. zhur. 21 no. 3:250-255 '68.
- Derivatives of indole. Part 10: New syntheses of 2-methyl-3-(piperidinyl)ethylindole. A. P. Botchkova, G. T. Tatevosian. Arm. khim. zhur. 21 no. 3:256-260 '68.
- Diels - Alder reactions of adducts with formaldehyde. Report 3: Study of the isomerization process of endocyclic hydroxyaldehyde and acetoxyethylendiol with hydroxyphenylalcohols with formaldehyde. V. P. Sorokin. Khim. tekhn. no. 9:3-6 '67.
- Effect of furfural on organoleptic properties of water. P. I. Kuznetsov. Nauch. trudy OIL no. 6:81-83 '65.
- Effect of furfural on the biochemical requirements of water for oxygen. Preliminary report. P. I. Kuznetsov. Nauch. trudy OIL no. 6:84-88 '65.
- Heterocyclic dialkylphosphonic compounds. I. N. Azerbekov and others. Izv. AN Kazakh. SSR. Ser. khim. 18 no. 2:85-86 Mr-Apr '68.
- Heterocyclic iodonium salts containing sulfur in the cycle. A. N. Mesropian, T. P. Tolstaya, I. N. Isetchikina. Dokl. AN SSSR 179 no. 3:604-607 Mr '68.
- Indole derivatives. Part 18: 3-Alkyl-6,12b-dimethyl-, 1,2,3,4,5,7,12,12b-octahydroindole(2,3-n) quinolines. F. R. Shirokin and others. Arm. khim. zhur. 21 no. 1:44-50 '68.
- Preparation of acylates of DL-lactic acid from 2-amino-4-methylpyrimidine. I. U. P. Shvachkin, G. A. Korshakova. Vest. Mosk. un. Ser. 2: Khim. 22 no. 3:105-106 My-Je '68.
- Solventchromism of cyanine dyes. T. B. Lilekhts. Dokl. AN SSSR 179 no. 3:598-599 Mr '68.
- Some transformations of 1,5-dimethyl-2-propyl-4-piperidone. S. A. Vartanian, A. S. Noravjan, V. N. Zianagorstan. Arm. khim. zhur. 21 no. 1:33-43 '68.
- Synthesis of epoxyuran resins. V. P. Sorokin. Khim. tekhn. no. 9:7-9 '67.
- 547.8 Natural substances (of unknown composition)**
- Acceptor activity of transfer RNA in starvation. H. Kh. Matushko and others. Uzb. biokhim. zhur. 40 no. 2:115-119 '68.
- Acetylcholinesterase protein of cell membranes of the kidneys. I. A. Tashimukhamedov, A. G. Kholmatov, P. M. Kholmatov. Uzb. biokhim. zhur. 40 no. 2:119-120 '68.
- Advances in the synthesis of peptides on polymers. V. S. Vesa. Uzb. khim. 37 no. 2:246-255 Mr '68.
- Age dynamics of blood serum proteins in farm animals. I. A. Hlosta, H. P. Boroch, H. I. Kasilan. Uzb. biokhim. zhur. 40 no. 2:200-212 '68.
- Bioanalysis of lipids by radiochemical and radioisotopic and yeast organisms. G. A. Lerkova, R. D. Gal'isov. Mikrobiologiya 37 no. 2:419-423 My-Je '68.
- Blood serum proteinogram in acute rheumatism. I. G. Martynova. Trudy Vor. med. inst. 40:81-83 '62.
- Changes in cell sensitivity to hydrocortisone in the process of carcinogenesis. O. S. Frankfort. Dokl. AN SSSR 160 no. 2:505-507 My '68.
- Changes in the histone composition at the early stages of embryonic development in sea urchin and loach. A. A. Ginnola, I. A. Vinogradova, V. I. Voronov. TSilologiya 10 no. 5:501-507 My '68.
- Changes in the set of individual t-RNA in mammary gland cells as related to the quality of synthesized proteins. A. V. Ilyashko, H. Kh. Matushko. Uzb. biokhim. zhur. 40 no. 2:120-125 '68.
- Cholesterol oxidizing ability of Actinomyces streptomycin. strain 2105. A. I. Zhukova, V. Kh. Kozlov. Mikrobiologiya 37 no. 2:223-227 Mr-Apr '68.
- Chromatographic isolation of Phaeococcus aureus flocc. (Pip.) good proteins on hydroxyapatite. V. V. Salanova. Izv. VTI. Nauch. dokl. vye. shkoly biol. nauk 11 no. 7:90-100 '68.
- Circulatory incomplete antibodies to the heart and blood in coronary insufficiency. G. I. Zhuravov, Udo Schmidt. Karilogiya 8 no. 5:25-29 My '68.
- Clinical significance of determining C-reactive protein in acute dysentery. I. S. Zabolotny. Vrach. delo no. 9:115-117 My '68.
- Comparative immunological study of contractile proteins of the cardiac and somatic musculature. V. S. Ilyashko. Karilogiya 8 no. 5:112-117 My '68.
- Davidson, J. N. [Biochemistry of nucleic acids. Translation from the English] Biokhimiya nukleotidov i kislot. Pod red. i predisl. A. N. Botozorkago. Moskva, "Mir," 1968. 334 p.
- Deacetylation of steroid acetates with the help of Phaeococcus aureus. I. I. Zaretskaya and others. Mikrobiologiya 37 no. 3:430-432 My-Je '68.
- Decomposition of amino acids by plaque microflora. I. S. Olonchikova, G. T. Alarova. Uzb. biokhim. zhur. 40 no. 2:213-216 '68.
- Differential infrared spectra of spruce lignin. V. M. Nikitin, G. L. Burkov, V. M. Skachkov. Izv. vye. uchob. zav. i los. zhur. 11 no. 1:121-123 '68.
- Effect of acetylation of 21-hydroxy groups of polystyrene-oligos on their ability to form complexes with complementary polyribonucleotides. D. G. Kono, G. G. Shamovskii. Mol. biol. 2 no. 1:37-41 Ja-F '68.
- Effect of adrenocortical on the intensity of phospholipid metabolism in the brain and liver of rats under oxygen deficiency conditions. I. N. Antonov. Dokl. AN SSSR 160 no. 1:246-247 My-Je '68.
- Effect of Cx-reactive protein on the immunological reactivity in young rabbits of different ages. U. P. Prieznova. Biol. eksp. biol. med. 65 no. 4:71-73 Ap '68.
- Effect of high-dispersion metal powders on physico-mechanical properties of rubbers. K. I. Dolgoplova and others. Khim. prom. Ukr. no. 2:30-41 Ja-F '68.
- Effect of hydrocortisone and adrenalin on the transition of cells to the phase of DNA synthesis. O. S. Frankfort. Dokl. AN SSSR 160 no. 1:261-263 My-Je '68.
- Effect of vitamin B₁₂ on the content of cholesterol, lipoproteins and protein fractions of the blood serum in atherosclerosis. G. M. Chernova, I. A. Plachagina, L. S. Grebneva. Trudy Sempal. med. inst. 4:93-107 '68.
- Electron paramagnetic resonance and infrared spectroscopy methods of studying nucleic acids isolated from collagenase. I. R. Khalikov and others. Uzb. biol. zhur. 12 no. 1:3-5 '68.

- ...nt, cleaved in a vacuum and in the air. ...skit and others. Rost krist. 8:164-170 '68.
- Growth of cadmium sulfide thin films. ...tuzuka. Rost krist. 8:211-218 '68.
- ...the calculation of energy of crystal lattice ...S. A. Mamutov. Uch. zap. Mord. gos. un. '67.
- ...pattern of corundum. V. N. Voltschakovskii. ...silia 13 no. 3:563-565 My '68.
- ...investigation of kumtsovite in a ring- ...skit and others. V. T. Kuznetsov, I. U. P. Sidorov. '68. no. 254-62-84 '67.
- ...study of crystallization from a gaseous ...R. Kirov, D. Nenov. Rost krist. 8:178.
- ...growth of thin condensed films of indium in ...of growing. A. Barina, P. Barina, A. Polcu. 8:124-130 '68.
- ...two-dimensional nuclei in the electro- ...of silver. R. Katsilev. Rost krist. '68.
- ...of the symmetry groups of twins. V. A. Kristallografiia 13 no. 3:370-381 My '68.
- ...the second harmonic in triglycine sulfate ...S. Suvorov, A. S. Sonin. Zhur. eksp. i teor. 4:1044-1050 Ap '68.
- ...dislocation models of crystals. N. N. Shatal'. 8:356-361 '68.
- ...orientation of metal films condensed in a ...atomic correlation. J. B. Pierce. Rost krist. 8:100-102 '68.
- ...section of single crystals of high purity ...ed by recrystallization. S. Kulechova. Rost krist. 8:203-206 '67.
- ...properties of epitaxial layers of GaP alloyed ...um, I. I. Dinkarov and others. Izv. AN '68. mat. 4 no. 4:610-613 Ap '68.
- ...structure of solid solution crystals of the ...Hgt_{1-x}Te and Sn₂Te₂ alloys. produced from ...R. Cruseman, N. Nalor. Rost krist. 7:281.
- ...conform and formation of dislocation defects ...single crystal layers of rock salt. L. S. ...others. Rost krist. 8:218-224 '68.
- ...Al₂W₂O₄ crystals from a solution ...polytungstate fusion. V. I. Voronkova, V. K. ...V. A. Kopteva. Vest. Muz. un. Ser. 3. Fiz. '68. no. 3:109-112 My-Je '68.
- ...crystals and absorption (fluorescence) feature ...oni. R. Kurn. Rost krist. 8:5-20 '68.
- ...is in triglycine sulfate crystals. V. P. ...Rost krist. 7:107-201 '67.
- ...synthesis of crystals and crystallography ...of some double tungstate of rare ...s. P. V. Klovinov, L. U. Klarchenko. 7:333-337 '67.
- ...synthesis of AlSi single crystals. V. I. ...K. L. Likh. Kristallografiia 13 no. 3: '68.
- ...bubbles of growing metal single crystals ...a. Antoni Modrzajewski. Rost krist. 7:280.
- ...distribution analysis in droplet crystallization. ...um, I. U. M. Kogin, B. I. Birman. Rost krist. '67.
- ...crystallization in crystals being grown from a ...constant partial density of alloying elements. ...avkov. Trudy MIT no. 254:84-93 '67.
- ...distribution in crystals being grown from a ...composition of which changes with time. ...avkov. Trudy MIT no. 254:100-101 '67.
- ...direct optical transitions in the self-absor- ...of Si₃ single crystals. V. I. Vneshenko, ...uk, V. I. Timofeev. Izv. vuz. vesh. ziv. i. 5:66-68 '68.
- ...of the nucleation and growth of epitaxial ...s when using the method of molecular ...R. Rooker, H. A. Jolico. Rost krist. 8:131.
- ...characteristics of the distribution of the poten- ...s with Zn²⁺ · 10⁻³ V. I. Dvorlankin, G. G. ...a. Kristallografiia 13 no. 3:589-591 My '68.
- ...aluminum the morphology and the constant ...s during the crystal growth. G. G. G. '68. 7:98-108 '67.
- ...Conference on Crystal Growth (Boston, 1968). ...Rost krist. 8:341-355 '68.
- ...distances in binary crystalline substances. ...ki, E. A. Aist'eva. Uch. zap. Mord. gos. '68. no. 3:11 '67.
- ...of the crystallization of β -monohydrate ...on of boron. T. Niemyski and others. Rost 22-230 '67.
- ...of the forms of growth and determination ...um forms of zinc single crystals. R. Kai- ...Nanov. Rost krist. 7:25-31 '67.
- ...of germanium dendritic crystals. F. M. ...Rost krist. 7:160-164 '67.
- ...a critical temperature of hydrate formation ...solutions of inorganic salts. V. I. Kostuk. ...ov. Notr. i gaz. prom. no. 3:60-61 My.
- ...analysis of thermal conditions for growing ...s from melt on foreign backings. V. S. ...at krist. 8:334-340 '68.
- ...formulation and solution of the problem ...ductivity in a growing single crystal. L. A. ...Trudy MIT no. 264:26-31 '67.
- ...of disappearance of packing defects in silicon ...s. H. A. Kovalov, B. I. Kozlov, I. U. I. ...Kristallografiia 13 no. 3:573-576 My '68.
- ...epitaxial crystallization from an atomic ...F. Dorfman, I. I. Trubov. Kristallografiia 7:25-57 My '68.
- 8:258-263 '68.
- Mechanism of germanium crystallization from a gaseous phase. V. F. Dorfman, M. S. Melokov. Rost krist. 8:155-163 '68.
- Method for exposing dislocation structures by electrolytic polishing. I. D. Keurlin, V. G. Martinech. Zav. lab. 34 no. 2:203-204 '68.
- Method of growing large organic crystals from the gas phase. B. V. Vitovskii and others. Kristallografiia 13 no. 3:569-570 My '68.
- Morphological characteristics and properties of synthe- tic mica crystals produced from melts and a gaseous phase. I. N. Anikin. Rost krist. 7:315-318 '67.
- Morphological characteristics of yttrium-aluminum garnets grown from fluxed melts on seed crystals. V. A. Tarnofeeva, I. N. Guseva, N. M. Melnikova. Rost krist. 7:284-286 '67.
- Morphological effects of the successive formation of crystal nuclei in the formation of crystals in super- saturated solutions. C. Seila, G. Deitch. Rost krist. 7:80-86 '67.
- Morphology and optical properties of synthetic calcite single crystals. I. V. Pogodin, V. M. Sergeev. Rost krist. 7:198-199 '67.
- Morphology and twisting of ferrocyanide acid H₄Fe(CN)₆. M. Platon. Rost krist. 7:183-189 '67.
- Natural genesis of the diamond. V. S. Petrov. Rost krist. 7:124-132 '67.
- Near order in Ni₂Fe. V. I. Goman'kov, I. M. Puzel, M. N. Rukhovich. Kristallografiia 13 no. 3:543-545 My '68.
- Nonstationary generalized plane temperature field and the temperature stresses in crystalline plates. I. U. M. Kollaro, E. A. Nakula. Kristallografiia 13 no. 3:390-395 My '68.
- Nucleation of crystallization centers in supercooled two- component liquids. I. S. Kamenetskaya. Rost krist. 8:330-333 '68.
- Observation of the interaction between adsorbed impurity atoms and growing graphite crystals with the aid of a scanning electron microscope. I. Minkoff, W. C. Nixon. Rost krist. 8:10-40 '68.
- Obtaining epitaxial layers of tin chalcogenides. A. G. Mikolajchik, A. I. Guchak, B. M. Freik. Kristallografiia 13 no. 3:570-579 My '68.
- Obtaining oriented films of zinc oxide. L. A. Babova, I. A. Savitskaya, R. N. Shatal'. Izv. AN SSSR. Neorg. mat. 4 no. 4:602-603 Ap '68.
- Obtaining antiferroelectric coatings of ceria and nitrida. S. A. Klever, T. Kh. Sedel'nikov. Izv. AN SSSR. Neorg. mat. 4 no. 4:604-606 Ap '68.
- Obtaining single domain crystals of lithium metasilicate. V. P. Kluev and others. Kristallografiia 13 no. 3: 531-533 My '68.
- Opening address at the Symposium. N. N. Shatal'. Rost krist. 7:5-7 '67.
- Optical absorption spectra of Mn²⁺ in Na₂O, 2Na₂O, 25H₂O single crystal at low temperatures. O. N. Bokala, Y. M. Harina, S. V. Gumi-Grizumotto. Kristallografiia 13 no. 3:457-461 My '68.
- Oxidation of silica microal inclusions in natural diamonds. J. U. Harria, R. K. Harteke, G. O. Meier. Rost krist. 7:118-123 '67.
- Overgrowth of openings in artificial quartz crystals. V. T. Ushakovskii, K. P. Kashtakov, A. V. Simonov. Kristallografiia 13 no. 3:529-560 My '68.
- Polymorphism of rare earth metals. G. V. Sameonov. Dokl. AN SSSR 180 no. 2:317-360 My '68.
- Prevalence of left-handed forms of the opasmoite MgSO₄ · 7H₂O. I. D. Rogachova. Rost krist. 7:202-205 '67.
- Preliminary data on the thermoluminescence of phenacite. A. N. Karachukovskaya. Geokhimiia no. 4:509-502 Ap '68.
- Preparing the surface of a sapphire for silicon epitaxy. T. A. Zevke, L. N. Kornov, V. A. Tolomarov. Kristallografiia 13 no. 3:570-581 My '68.
- Process of growing copper chloride crystals for optical purposes. M. Pomer, J. Jindra. Rost krist. 7:307-314 '67.
- Process of growing manganese ferrite single crystals by the Voronin and Bridgman-Stockbarger method and by the crystallization from the solution in melts. Miroslav Vlcek. Rost krist. 7:275-280 '67.
- Process of growing γ -oxygno single crystals. R. A. Altkhanov, V. A. Pavlov. Rost krist. 7:231-239 '67.
- Process of single crystal growing from solutions in melts. J. Kvapil, V. Ion, V. Vichr. Rost krist. 7:269-274 '67.
- Process of ZnSe single crystal growing by means of the chemical transport reaction. A. A. Simonovskii. Rost krist. 7:258-263 '67.
- Quasi-epitaxial form in the theory of a strong crystal field. D. J. Sviridov, I. U. F. Smirnov. Dokl. AN SSSR 180 no. 4:843-846 Je '68.
- Real structure, activity, and the range of effect of crystal surfaces. G. I. Diester. Rost krist. 8:108-123 '68.
- Relative change in surface energy for fccs (100) and (100) of single crystals of a (3%) iron-nickel alloy due to the annealing atmosphere. I. U. S. Avramov. Dokl. AN SSSR 180 no. 1:78-81 My-Je '68.
- Relaxation absorption of sound during the phase transfer in Rochelle salt crystals. G. G. Kessenikh, A. M. Shirokov, I. A. Shavotov. Kristallografiia 13 no. 3: 452-458 My '68.
- Relaxation times in the nucleation of condensed systems as applied to supersaturated aqueous solutions of alkali halides. R. Gindl. Rost krist. 8:60-64 '68.
- Repolarization of BaTiO₃ single crystals in a weak alter- nating electric field. E. V. Sinitkov, E. F. Imdik, S. I. Tikhonchik. Kristallografiia 13 no. 3:533-536 My '68.
- Role of amorphous blocks in the crystal formation of polyether-urethane block copolymers. E. P. Gubanov and others. Dokl. AN SSSR 170 no. 3:621-623 Mr '68.
- Segregation of selenium, sulfur, thallium and iron during the growth of cadmium antimonide and thallium telluride single crystals from melts. Sh. Maylanov. Rost krist. 7:165-170 '67.
- Significance of processes linked with exchange of places between atoms of a growing substance and parcer substance or the reaction component for epitaxial and enstatite processes. H. G. Schneider. Rost krist. 8:255-257 '68.
- Slowing down of the crystal growth in a capillary. D. Kiril'singh and others. Rost krist. 7:206-208 '67.
- Some chemical factors in the hydrothermal synthesis of crystals. M. A. Menkovskii, V. A. Shorygin. Rost krist. 7:344-345 '67.
- Some crystallographic features of synthetic and natural diamonds. G. N. Bezrukov, V. P. Baluzov, D. F. Korelov. Rost krist. 7:108-115 '67.
- Some problems concerning the formation of epitaxial films produced by means of spraying in a vacuum. S. A. Semiletov, V. A. Vlasov, Z. A. Magomedov. Rost krist. 8:184-187 '68.
- Some problems of kinetics of recrystallization of isomor- phous impurities. V. N. Ariflogov. Rost krist. 8:88-71 '68.
- Space compensating charge in ferroelectric substances. B. V. Setkin. Kristallografiia 13 no. 3:447-451 My '68.
- Spontaneous transformation kinetics of the surface of the system crystal-vapor. D. Nenov, A. Georgieva. Rost krist. 8:318-322 '68.
- Static method of growing single crystals of monocubated rubidium phosphate (RDP). V. V. Obraztsov, S. I. Samoilova. Kristallografiia 13 no. 3:572-573 My '68.
- Strontium mellite and its derivatives. A. N. Toropov, A. A. Ismatov. Dokl. AN SSSR 180 no. 4:569-591 Je '68.
- Structural defects in silicon single crystals highly alloyed with antimony. U. Mohr. Rost krist. 7:156-159 '67.
- Structural explanation of the morphological difference between α -quartz and β -quartz. P. Hartman. Rost krist. 7:80-72 '67.
- Structural microscopic electron diffraction examination of ferroelectric and ferroelectric substances. I. U. IA. Youshopol'skii, I. U. N. Venovtsov, G. S. Zhdanov. Kristallografiia 13 no. 3:521-523 My '68.
- Structure and properties of liquid-crystal mixtures of n-tetraoxybenzyl-1-aminol-naphthalen-4-azobenzene. L. A. Guskova, I. G. Chistakov. Kristallografiia 13 no. 3:545-549 My '68.
- Structure of complex in gadolinium tetrakis benzoylacetate of piperidinium. L. A. Raiman, L. A. Aisakov, M. A. Porai-Koshale. Zhur. shchi. khim. 9 no. 2:332-333 Mr-Apr '68.
- Structure of holmium tris-benzylacetate trihydrate crystals. L. A. Aisakov and others. Zhur. shchi. khim. 9 no. 2:331-332 Mr-Apr '68.
- Study of ordered structures of enoxides Zn₂O and Zn₃O. I. St. Kovba and others. Dokl. AN SSSR 180 no. 2: 360-363 My '68.
- Study of the crystals of germanium highly alloyed by arsenic, antimony, and gallium. A. IA. Gubenko, I. I. Zhushkova. Izv. AN SSSR. Neorg. mat. 4 no. 4:508-511 Ap '68.
- Studying by means of slow electron diffraction the rearrangement of ions (III) of silver during oxidation. D. Abordain and others. Rost krist. 8:271-272 '68.
- Studying radial resistance distribution in silicon crystals grown by the method of Chochral'skii. I. P. Kaganovskii, I. U. M. Shachkov, M. IA. Shvabakina. Izv. AN SSSR. Neorg. mat. 4 no. 4:504-505 Ap '68.
- Studying the effect of defective structure of silicon crystals on the process of crystal growth. G. I. Diester and others. Rost krist. 8:101-104 '68.
- Studying the kinetics of zone movement at the process of growing single crystals by the method of moving solvent. L. N. Keshkovich. Rost krist. 7:310-322 '67.
- Studying the oriented growth of epitaxial oxide in the case of ion bombardment. M. Meier, P. Kahlmann, J. J. Trillat. Rost krist. 8:140-150 '68.
- Studying the pickling of single-crystal germanium by means of gaseous hydrogen bromide. F. A. Kuznetsov, I. I. Bulat. Rost krist. 8:171-177 '68.
- Studying the structure and dielectric properties of solid solutions in the system PbTiO₃ · Pb(Mg_{1/3}W_{2/3})_{2/3}O₃. S. I. Ildikovskaya, V. V. Kilmov, I. M. Vencisov. Kristallografiia 13 no. 3:529-531 My '68.
- Studying the structure defects of single-crystal germanium films. V. D. Vesilov, A. A. Tikhonova. Rost krist. 8:285-289 '68.
- Synthesis of colored quartz. L. A. Gordenko and others. Rost krist. 7:338-343 '67.
- Technique of orienting Al₂O₃ crystals according to the figures of the reflection of light from polished surfaces. I. U. M. Burikov, V. K. Sedov. Kristallografiia 13 no. 3:556-558 My '68.
- Temperature dependence of the orientation capacity of some homionic muscovites. F. Arraes and others. Rost krist. 8:230-240 '68.
- Theoretical stability analysis of the crystallization front at limits dimensions of crystals and in the presence of molten boundary layer. B. I. Birman. Rost krist. 7:328-332 '67.
- Theoretical study of stresses arising in the process of crystal growing. V. L. Indenbom, I. S. Zhdanovskii, T. S. Chubanova. Rost krist. 8:303-308 '68.
- Theory of nonlinear effects in crystals with optical refraction to partially filled bands. V. N. Gonkin, P. M. Mednis. Zhur. eksp. i teor. fiz. 54 no. 4:1137-1150 Ap '68.
- Thermodynamic equilibrium of finite crystals. D. Nenov. Rost krist. 8:323-327 '68.
- Transverse bands and line structure in aluminum single crystals. Antoni Modrzajewski. Rost krist. 7:291-292 '67.
- Twining and the sectoral growth in nickel boracils crystals grown by transport reactions. H. Schmid. Rost krist. 7:32-85 '67.
- Two-dimensional growth of octahedral diamond crystals by winged triangles. P. Badarida, I. Komatsu. Rost krist. 7:118-117 '67.

Composition of alite. V. E. Kosharskii, I. U. M. But, V. V. Timashev. *Trudy MKhIT* no. 50:92-95 '80.

Cystal chemistry of titanates, zirconates, hafnates and zirconosilicates. V. E. Kosharskii, N. V. Belov. *Gendol'miya* no. 2:3-161 '64.

Dependence of the optical properties of artificial hexagonal pyrrhotites on their composition. I. A. Il'yagotov, A. B. Rakhov, L. V. Gerasimova. *Dokl. AN SSSR* 180 no. 4:952-954 '80.

Determination of the age of magneite by the alpha-helium method. B. I. Oskanovskii, A. S. Sear, R. V. Batanov. *Dokl. AN SSSR* 180 no. 2:466-468 '81.

Effect of preliminary holding on the structure formation of sintered samples from clinker minerals. L. K. Imasheva, I. U. M. But, V. M. Kolbasov. *Trudy MKhIT* no. 50:56-100 '80.

Effect of sodium oxide on the properties of tricalcium silicate. I. E. I. Bor, V. V. Timashev, V. E. Kosharskii. *Izv. AN SSSR, Neorg. mat.* no. 4:629-631 '80.

Electron-hole centers in natural and synthetic monocystals of calcite with phosphorus impurity. I. V. Bershadskii and others. *Zhur. struk. khim.* 9 no. 2:309-311 *Mir* '68.

Experimental study of the system $K_2O-Al_2O_3-SiO_2-H_2O$ at $T=130^\circ C$ and $p=10^3$ kg/cm². V. A. Zil'berman, Z. Iakovlev and others. *Dokl. AN SSSR* 180 no. 4:955-957 '80.

First find of "basaltinite" in the U. S. S. R. B. I. Serebrodovskii. *Dokl. AN SSSR* 180 no. 1:103-104 *Mir* '80.

First find of forite in the weathering surface of granitoids. N. E. Klevorokina, N. M. Chernotkova. *Dokl. AN SSSR* 180 no. 2:310-351 *Mir* '80.

Near conductivity of RV and E-graphites at the temperature range from 400° to $1,400^\circ$. V. A. Zil'berman, V. I. Peleiskii, A. S. Tarabarov. *Kontin. i ver. topl.* no. 3:144-145 *Mir* '68.

Hydrothermal synthesis of cesium aluminosilicates and study of their properties. P. P. Finkelshteyn and others. *Trudy MKhIT* no. 50:169-174 '80.

Mellinite and their derivatives, a new group of rare earth silicates. N. A. Tompova, N. V. Yagol's, A. A. Imerova. *Dokl. AN SSSR* 175 no. 3:610-613 *Mir* '68.

Alca-molybdate type of oxalates zeno. O. V. Fedorova. *Atom. energ.* 24 no. 8:592-593 *Mir* '68.

Molecular spectrometry in the study of organic minerals. I. A. Gerasovskaya. *Khim. i ver. topl.* no. 3:145-149 *Mir* '69.

Paramagnetic salts of protons of solvents in the presence of organic radicals. N. A. Sysoyeva, A. II. Stepanovskii, A. I. Burchenko. *Zhur. struk. khim.* 9 no. 2:312-312 *Mir* '68.

Relationship of $CaO : Al_2O_3 : FeO$ and the mineral composition of eclogites. A. A. Gerasovskiy. *Dokl. AN SSSR* 175 no. 3:656-661 *Mir* '69.

Results of the 28th International Symposium on the Genesis of Ores. I. G. Magak'yan. *Izv. AN Arm. SSR, Nauki o zem.* 20 no. 5:203-209 '67.

Role of strong electrolytes in postmagmatic mineralization solutions. B. V. Kalinin. *Gendol'miya* no. 2:181-184 '63.

Some problems of the strength of silicified graphite. R. A. Drozdov and others. *Khim. i ver. topl.* no. 3:130-143 *Mir* '68.

Strontium mellinite and its derivatives. N. A. Tompova, A. A. Ismatov. *Dokl. AN SSSR* 180 no. 1:800-801 *Mir* '80.

Vacillations, crystallographic forms, and impurity elements of electroite. M. P. Mashkov. *Nauch. trudy VNIIG* no. 376:227-231 '67.

Voids in bitumens in uranium deposits. A. I. Zubov, O. N. Kotel'nikov. *Atom. energ.* 31 no. 6:514-519 *Mir* '68.

X-ray diagnosis of the content of bismuth in zirconium. I. B. Khalezova, N. M. Chernotkova. *Dokl. AN SSSR* 180 no. 1:185-198 *Mir* '80.

Copper on turf sediments of the Central Urals. M. N. Al'bov, I. I. Kozlov. Sov. geol. 11 no. 2: 132-139 1968.

Niob find of phonacite in the Tizman Ridge. O. S. Kochetkov. Dokl. AN SSSR 179 no. 3: 672-674 Mr '60.

Celestine and strontianite mineralization in carbonate sediments of the Ozerk series in the southern wing of the Moscow Basin, U. S. S. R. *Sevast'yanov. Sov. geol.* 11 no. 2: 123-127, F. '68.

Distribution of minor elements in rocks of the recent intrusive granitoid complex in Tyrnyauz, N. G. Rudzhaniko, N. K. Nefedov, A. F. Sviridenko. *Sov. geol.* 11 no. 4:111-128, Apr. 1963.

Nature of Interaxial Interactions in rectorite Iron
Daghestan, B. P. Gradosov, N. P. Chizhikova, I. S.
Travnikova. Dokl. AN SSSR 180 no. 2:416-418, 1967

Forms of the occurrence of lead in diaporalon stream
(Eatonia, L. V. Astropova, Sov. geol. 11 no. 1-68-
77 Ja '68.

Niobium and tantalum in the accessory zircon of granitoids of the Korosten' pluton (Procambrian of the Ukrainian S. R.). E. Ia. Marchenko, T. Ia. Sidorov. Dokl. Ak. Nauk, 1979, 239, 2, 204-206, 2 figs., 1 table, 12 refs.

Uman' grantisa, I. D. Shcherbakov. Ooolzhur. 28
no. 1:22-28 Ja. P. '08.

540(477.88)—Transcarpathia.
Study of the physicochemical properties of Transcarpathian paraffins. P. P. Dushkin, V. G. Samarin, P. I. Petruykh. *Trudy MKIIT* no. 30 175-176 61.

540(574)—Kazakh S. S. R.
Branched from Kazakhstan. V. I. Melnikova.
Kazakh SSR, Ser. geol. Zh. no. 2:2-60 M. A. p.

640(00)—Polymerization and Melt Spinning
Influence of anisotropy on the properties of the polymer

Asymmetrical bottom currents in the Black Sea, *Izv. Vsesoyuzn. Nauchn. Tsentr. Okeanogr.*, 1981, No. 3, 553-600. 48 p. 10 refs.

Effect of the natural radioactivity of peat on the physical characteristics of peat, *Fiz. Tverd. Tela*, 1981, 23, No. 5, 1089-1099, 10 refs., 10 refs., 10 refs.

Fields of nitrogen, velocity, and temperature in the P.A. Shumilov, *Geofiz. Izv.*, 1981, No. 3, 10-14, 10 refs.

[Geophysics] *Ref. Zhur.*, *Geofiz.*, no. 8, Apr. '80.

Heat conductivity of HV and N graphite at the temperature range from 400° to 1,400°, *Vys. Temp.*, 1981, 19, No. 1, 14-15, 10 refs., 10 refs., 10 refs.

550. 3(574)—Kazakh S. S. R.
Geothermal characteristics of deep-seated mineral
resources in the northern part of the Caspian Sea

Results of combined geological and geophysical studies of the nature of the Tashkent earthquake, 1966. Kh. T. Tashkent and others. *Sov. geol.* 11 no. 125-35 1968.

550. 3(581)—Afghanistan

Afghanistan: brief information on the geological structure and minerals. S. Kh. Mirzad, V. P. Kolchanov, O. A. Makhovskiy, M. M. MOPI. *Geol.* 43 no. 131-52 1968.

550. 3(589)—Antarctica. South Polar regions

Geophysical studies of Mirny. In 1966. V. B. Golovinskiy, *Trudy Vsesoyuzn. nauch. issled. inst. 1967-68*. 1968. Magnetic field and anomalies during a protonic flash on the ice. I. S. Makhovskiy. *Inform. list. Sov. arm. eksp.* no. 57:61-62 1968.

550.34 Sedimentology

Correction to my article "An inverse problem in the theory of propagation of seismic waves." A. S. Lagodetschenskiy. *Probl. mek. i fiz. 3:101* 1968. Sediments in alpine. *Eksp. i zhizn'* 10 no. 422 1968.

Dependence of the damping coefficient of seismic oscillations on the local depth. A. V. Kozlov, A. S. Mahanov, *Trudy AN SSSR* 11 no. 130-31 1968. Preliminary data on seismic works during the intercontinental field trip. A. L. Kogan. *Inform. list. Sov. arm. eksp.* no. 68:53-56 1968.

Yank, L. P. [Structure of microseisms and some problems in the methodology of grouping in seismology] *Struktura mikroseism i nekotorye voprosy metodiki grupirovaniya v seismologii*. Moskva, "Nauka," 1963. 104 p.

550. 3(479, 25)—Armenian S. S. R.

Some problems of the seismology of the Armenian Upland. A. T. Aslanian. *Izv. AN Arm. SSR. Nauki u zemi* 20 no. 5:639-41 1967.

550.4 Geochemistry

Alkali-earth elements in sedimentary rocks of the West Siberian Plain. M. V. Tolbachev. *Geokhimiya* no. 4:463-472 Apr 1968.

Changes in the formation of native elements on the surface of the lithosphere. V. M. Gavrilin. *Dokl. AN SSSR* 100 no. 2:412-415 May 1968.

Characteristics of the distribution of germanium in materials of a different origin. V. A. Vakhrameev, N. V. Artyukov. *Geokhimiya* no. 3:143-147 Apr 1968.

Current state of the problem of the possible utilization of the isotopic composition of sulfur in the determination of sulfide deposits. G. M. Gupersa, M. I. Podvatskiy. *Sov. geol.* 11 no. 4:40-57 Apr 1968.

Transfer of matter transition from one phase to another at a seismically change of temperature in the closed system liquid-vapor. G. T. Onufriyenko, L. R. Khetikovich. *Geokhimiya* no. 4:485-498 Apr 1968.

Features of the petrographic composition of Paleogene brown coals in the European part of the U. S. S. R. and distribution of microelements in them. A. I. Ginzberg. *Trudy VSEGEI* 133:204-270 1968.

First International Conference on Problems of Post-magmatic Ore Formation. V. V. Shcherbina. *Geokhimiya* no. 2:165-187 Apr 1968.

Results of occurrence of nickel and cobalt in basic rocks. N. P. Shtrova, G. V. Nesterenko, A. I. Alimskanov. *Geokhimiya* no. 4:411-421 Apr 1968.

Parallels for the calculation of biogeochemical samples. K. I. Zibanova, E. F. Zibanova. *Razved. i okh. nedr.* 32 no. 10:54-55 Oct 1968.

Geochemical interaction in the diagenesis of adjacent beds in a section. P. V. Zaitseva. *Dokl. AN SSSR* 163 no. 1:200-210 May-June 1968.

Geochemistry of boron in supergenic processes. A. A. Osipov, I. E. Zaitseva. *Geokhimiya* no. 2:140-162 Apr 1968.

Geochemistry of chlorine and bromine. V. V. Krasnitskaya. *Geokhimiya* no. 2:171-177 Apr 1968.

Geochemistry of precious and some rare elements in pyrite and complex metal ore formations of the Armenian S. S. R. V. O. Paronikina. *Izv. AN Arm. SSR. Nauki u zemi* 20 no. 5:680-80 1967.

[Mineralogical thermometry and barometry] *Mineralogicheskaya termometriya i barometriya*. Moskva, "Nauka," 1968. 104 p.

T. I. [Geochemistry of subsurface mineral-forming solutions] *Geokhimiya glubinykh mineraloobrazovushchikh rastvorov*, 1968. 387 p.

Isotopes of nitrogen of the organic matter in diatomaceous ooze. A. S. Fumko, L. A. Nappa. *Geokhimiya* no. 2:163-170 Apr 1968.

Reserve of the bitumen potential of alkali and ultrabasic rocks from the northern part of the Siberian Platform. I. S. Gol'dberg, K. A. Chervakov. *Geokhimiya* no. 4:470-482 Apr 1968.

New data on the geochemistry of strontium. A. N. Kozin. *Geokhimiya* no. 4:400-475 Apr 1968.

New experimental and calculated data on the migration of thorium under supergenic conditions. A. A. Drozdovskiy, I. U. P. Molinik. *Geokhimiya* no. 4:402-410 Apr 1968.

One of the geochemical criteria of sedimentary-metamorphic deposits. S. T. Badolov. *Nauch. trudy TashGU* no. 326:232-236 1967.

Role of strong electrolytes in pneumatogenic mineral-forming solutions. B. V. Kalinin. *Geokhimiya* no. 2:181-184 Apr 1968.

Some features of the distribution of germanium in a coal formation. E. I. Pokina, L. V. Kitiina. *Trudy VSEGEI* 133:280-284 1968.

Some geochemical characteristics of amazonite granites. Regime of acidity-alkalinity in amazonitization processes. *Geol. mest. red. elem.* no. 31:59-52 1967.

Some problems of the genesis of the rare metal mineralization of rhyolite. F. I. A. Spirskiy and others. *Trudy VSEGEI* 133:258-265 1968.

Some problems of the geochemistry of strontium isotopes. I. M. Goshchov. *Sov. geol.* 11 no. 2:69-101 Apr 1968.

Standard for the determination of isotopic composition of organic matter. H. V. Tets and others. *Geokhimiya* no. 2:102-103 Apr 1968.

Study of the composition of gases in inclusions in artificial minerals. L. M. Kuchikov, N. A. Shugurova. *Dokl. AN SSSR* 160 no. 1:211-213 May-June 1968.

Study of the processes of chemical concentration of nepheline syenites. R. G. Anisimov, R. G. Geyor'dan, *Izv. AN SSSR. Neorg. khim.* 4 no. 4:638-640 Apr 1968.

Summaries of the principal articles in "Geochemical and Cosmochemical Acta" 27, nos. 2, 3 February, March 1964. *Geokhimiya* no. 2:169-172 Apr 1968.

Summaries of the principal articles of "Geochemical and Cosmochemical Acta" vol. 31, no. 10, 1967. *Geokhimiya* no. 4:506-510 Apr 1968.

Use of microelements for the stratigraphic division of Mesozoic effusive formations of eastern Transbaikalia. I. V. Skritskiy. *Geokhimiya* no. 2:178-181 Apr 1968.

550. 4(235)—Mountain of Aola

Behavior of iron in the process of low-temperature hydrothermal metamorphism as revealed by a study made on the Kuyi Group intrusion (northern Tien Shan). L. L. Lerman, N. S. Maslova. *Geokhimiya* no. 2:135-142 Apr 1968.

Geochemistry of igneous rocks of the Eastern Sikhotealin Range. V. A. Baskina, A. S. Budykina. *Geol. AN SSSR* 170 no. 3:486-489 Apr 1968.

One of the causes of the vertical zonality of elements in volcanogenic ore deposits, as revealed by a study made in the Karamay Mountains. S. T. Badolov. *Geokhimiya* no. 4:442-447 Apr 1968.

550. 4(267)—Indian Ocean

Chemical nature of boric acids of bottom sediments of the Indian Ocean. V. I. Kostachuk and others. *Dokl. AN SSSR* 170 no. 3:690-693 Apr 1968.

550. 4(471, 21)—Murmansk Province

Geochemistry of fluorine in alkali rocks as revealed by a study made on the Lovchori Massif. L. N. Kogarko. *Geokhimiya* no. 2:119-127 Apr 1968.

550. 4(471, 64)—Kabardin-Balkar A. S. S. R.

Some geochemical characteristics of surface waters in the Kabardin-Balkar A. S. S. R. M. V. Itzhakinskaya. *Izv. Vses. geog. ob-va* 100 no. 2:152-154 1968.

550. 4(477)—Ukrainian S. S. R.

Geochemical characteristics of landforms of the northwestern part of the Ukrainian Shield. B. F. Mikhayevich, A. P. Homodanova. *Geol. zhur.* 26 no. 1:63-67 Jan. 1968.

550. 4(477, 6)—Donets Basin

Isotopic composition of sulfur of basic concretions in the Kiev marl of the Donets basin. V. I. Vinogradov, P. V. Zaitseva. *Dokl. AN SSSR* 160 no. 2:459-461 May 1968.

550. 4(477, 8)—Crimea

Origin of Lake Cherkaskoye in the Crimea. S. V. Al'bov, E. P. Gorbachev, A. A. Makhir. *Geol. zhur.* 26 no. 1:87-98 Jan. 1968.

550. 4(479, 25)—Armenian S. S. R.

Some characteristics of the formation of secondary lines of the dispersion as revealed by a study made in the Marijtskiy complex metal deposit. A. G. Kocharian. *Izv. AN Arm. SSR. Nauki u zemi* 20 no. 5:610-110 1967.

550. 4(571)—Aralian R. S. S. R.

Some geochemical characteristics of Cenozoic Molasses of the Eastern Chu Depression. Zh. M. Malysheva. *Nauch. trudy TashGU* no. 326:147-148 1967.

550. 4(571, 64)—Duryal A. S. S. R.

Absolute age of granitoids of the Akchada Intrusion (northern part of the Lake Balkal region) according to data of the Rb-Sr method. M. L. Aschchenko, E. S. Varslavskaya, M. M. Maslova. *Geokhimiya* no. 2:110-118 Apr 1968.

550. 4(571, 55)—Chita Province

Behavior of rubidium and thallium in processes of metamorphism in alkali granitoids of the Taynii Massif (central Transbaikalia). N. T. Voskresenskaya, V. I. Fedman. *Geokhimiya* no. 2:128-134 Apr 1968.

550. 4(574)—Kazakh S. S. R.

Some data on the distribution of copper in intrusive rocks of the Soyak copper deposit. L. I. Gekht, N. P. Pilyashchenko. *Izv. AN Kazakh SSR. Ser. geol.* 25 no. 2:71-73 Apr 1968.

Some problems of the geochemistry of gold in connection with the ore potential of igneous rock complexes in northern Kazakhstan. M. T. Voskresenskaya, N. F. Zvereva. *Geokhimiya* no. 4:422-431 Apr 1968.

550. 4(575, 2)—Kirghiz S. S. R.

Geochemical characteristics of Cenozoic Molasses of the Issyk-Kul' Depression (northern Tien Shan). L. N. Vertunov, Zh. M. Malysheva. *Nauch. trudy TashGU* no. 326:146 1967.

550.7 Geobiology

Transformation of high-paraffin petroleum as affected by vital activity of microorganisms under anaerobic and aerobic conditions. T. L. Smukova and others. *Mikrobiologiya* 37 no. 2:233-238 Apr-Apr 1968.

550.8 Practical and applied geology. Fieldwork. Prospecting

Accelerated geological mapping. V. A. Paradychev and others. *Sov. geol.* 11 no. 3:20-32 Apr 1968.

Amplified effect of acoustic waves in boreholes. V. G. Gratsinskii, G. B. Gorbunovskii. *Izv. vya. urub. zav. i geol. razv.* 11 no. 5:121-131 May 1968.

Analyzing meteorological factors in mountainous regions. I. A. Zullin. *Razved. i okh. nedr.* no. 26:62-68 1968.

Application of microseismic sampling in prospecting for titanium. D. Z. Lavin. *Razved. i okh. nedr.* 31 no. 6:8-10 June 1965.

Basic results of prospecting for nonferrous and rare metals in the seven-year plan and problems in the current five-year plan. A. S. Krivchuk, V. V. Popov. *Razved. i okh. nedr.* 32 no. 12:1-5 Dec 1968.

Berdilevskii, M. K. [Electric prospecting by the method of magnetotelluric profiling] *Elektricheskaia razvedka metodom magnetotelluricheskogo profilirovaniya*. Moskva, "Nedra," 1968. 259 p.

Bottom sampling in prospecting for gold ore deposits. P. N. Koshman, T. A. Iugai. *Razved. i okh. nedr.* 32 no. 6:14-16 June 1968.

Buried soils, buried soil talus and shrinkage fissures as a stratigraphic indicators in engineering geology surveys. G. I. Goretskii. *Trudy Gidropnektika* 2:209-239 Oct 1967.

Changes in the ideas about the geological structure of pools depending on the number of drilled wells. B. T. Balashev, R. V. Polikarpova. *Nauch. i tekhn. sbor. po geol. nedr.* no. 32:1-28 1968.

Characteristics of conditions of magnetic measurements in mines. G. I. Grinkevich and others. *Izv. vya. ucheb. zav. i gor. zhur.* 11 no. 5:3-5 1968.

Characteristics of geophysical studies with gently sloping magnetic deposits. D. E. Khesin, O. V. Novikova. *Razved. i okh. nedr.* 32 no. 12:50-52 Dec 1968.

Computer device for a nuclear-magnetic logging apparatus. B. V. Klevanskaya, G. L. Orlov. *Izv. vya. ucheb. zav. i nef. i gaz* 11 no. 4:101-104 1968.

Concept of the modulus of the accumulative activity of a river. A. N. Pavlov. *Sov. geol.* 11 no. 1:112-113 Jan 1968.

Considering the diameter of a borehole in the interpretation of the results of gamma-gradiometry. I. U. Davydov. *Izv. vya. ucheb. zav. i geol. razv.* 11 no. 6:113-120 May 1968.

Cumulating of layered rocks. N. A. Kolesnikov, L. I. Dvorkin. *Izv. vya. ucheb. zav. i geol. razv.* 11 no. 6:150-153 May 1968.

Determination of phosphorus content by the method of spectrometric gamma logging. R. V. Andrushevskii and others. *Razved. i okh. nedr.* 32 no. 10:40-43 Oct 1968.

Determination of porosity in water saturated sands by the electric measurement method in boreholes. P. V. Boronko. *Trudy Gidropnektika* 2:355-378 1968.

Determining production cost from complex raw material. N. S. Selvinzon. *Izv. vya. ucheb. zav. i geol. razv.* 11 no. 5:154-157 May 1968.

Determining the type of geoelectric section of frozen strata with the help of an electronic computer. V. S. Akimov. *Razved. i okh. nedr.* 34 no. 5:31-35 May 1968.

Effect of mechanical pressure on physical properties of sandstones. G. M. Avchalen, A. A. Malvonen, Z. H. Sakhmukhich. *Razved. i okh. nedr.* 32 no. 8:82-92 1968.

Effect of the location of a transmitter in a well on results of measurements in nuclear-magnetic logging. S. M. Akseil'tov, V. I. Danavich. *Izv. vya. ucheb. zav. i nef. i gaz* 11 no. 1:75-78 1968.

Effective atomic number of infinite homogeneous media with γ -radiation sources. I. M. Khalkovich and others. *Atom. energ.* 25 no. 1:50-52 Jan 1968.

Evaluating the joining of rocks on the basis of micro-tellorologizing data. L. P. Bragina, A. A. Kuligin. *Izv. vya. ucheb. zav. i nef. i gaz* 11 no. 4:7-10 1968.

Evaluating the quality of facies logs. A. I. Grebennikov, A. I. Barabanov, I. A. Remizov. *Izv. vya. ucheb. zav. i nef. i gaz* 11 no. 4:16-18 1968.

Experimental revealing of the boundary of iron and low-iron ore areas. I. F. Romanov. *Sov. geol.* 11 no. 4:133-155 Apr 1968.

Experimental study of the system $K_2O-Al_2O_3-SiO_2-H_2O$ at $T=340^\circ C$ and $P=Pl_2$ 1000 kg/cm². V. A. Zherikov and others. *Dokl. AN SSSR* 160 no. 4:955-957 June 1968.

Fetal paleogeomorphological conference. G. S. Ganeshin, A. P. Rozhdonsvenekii. *Sov. geol.* 11 no. 3:159-162 Apr 1968.

Geological and geochemical evaluation of magnetic anomalies. I. U. G. Shestakov. *Razved. i okh. nedr.* 32 no. 10:15-20 Oct 1968.

Graph paper for reducing times to the vertical in processing seismic data of homogeneous media. A. P. Sokolov. *Razved. i okh. nedr.* no. 26:30-40 1968.

In the Presidium of the Central Committee of the Trade Union of Geological Prospecting Workers. *Razved. i okh. nedr.* 32 no. 10:59-60 Oct 1968.

Interconnection between geological surveying and prospecting for mineral deposits: continued discussion of N. A. Hukhteva's article in No. 2, 1965, of "Travenska i okh. nedr." I. I. Komov and others. *Razved. i okh. nedr.* 34 no. 5:13-15 May 1968.

Interrelationship of geological surveying and prospecting for mineral deposits. *Razved. i okh. nedr.* 32 no. 8:18-23 Jan 1968.

Interpretation of magnetic and gravitational anomalies using the "Ural-1" electronic calculator. V. P. Stepanov, D. G. Sakhankulova. *Razved. i okh. nedr.* 31 no. 0:35-40 Jan 1965.

551 General geology. Meteorology. Climatology. Stratigraphy
Activity of the Geological Sections of the Moscow
Naturalists' Society. *Izvest. MOIP. Old. geol.* 43 no. 1:
131-134 Ja-F '68.

April 7th. Geological's Day! *Sov. geol.* 11 no. 3:3-4
Mr '68.

Basic results of geological prospecting for ferrous
metals in the seven-year plan and problems in the
development of the ore supply center of the iron in-
dustry in 1966-1970. N. M. Zelenin, V. V. Mench-
ikov, B. D. Shcherbakov. *Razved. i okh. nedr.* 32 no. 10:
1-7 O '66.

Competition for "The best geological organization."
V. K. Romanov. *Razved. i okh. nedr.* 32 no. 10:57-58
O '66.

Development of geological knowledge and expansion of
mineral resources of the Armenian S.S.R. during the
years of the Soviet regime. R. A. Arakelian and others.
Izv. AN Arm. SSR. Nauki o zem. 20 no. 5/6:3-21 '67.
[Geology] *Ref. zhur.*: Geol. no. 8 Ag '68.

Internal forum of scientists of the history of geology.
E. G. Malkhasyan. *Izv. AN Arm. SSR. Nauki o zem.* 20
no. 5/6:107-108 '67.

International Committee on the History of Geological
Sciences. V. V. Tikhomirov. *Sov. geol.* 11 no. 4:156-
157 Ap '68.

Literature. Geol. meat. red. elem. no. 33:106-100 '67.
Mineral commercial reserves of metal in small isolated
ore bodies. M. A. Svirskii, A. S. Zhukhov. *Razved. i
okh. nedr.* 32 no. 10:38-40 O '66.

Most important problem of geological science. G. V.
Krylov. *Razved. i okh. nedr.* 32 no. 6/7-18 Jo '68.

Problems of regional geology. *Voprosy regional'noi
geologii.* Otk. red. V. N. Osnov. Leningrad, Izd.
Leningr. un-ta, 1968. 113 p.

Results of activity of the Permanent Commission of the
Mutual Economic Assistance Council. I. K. Mincev.
Razved. i okh. nedr. 32 no. 6/6-10 Ja '68.

Socialistic pledges made by workers, engineers, tech-
nicians and employees of enterprises, organizations
and institutions of the Ministry of Geology of the U.S.S.R.,
on the fulfillment of the five-year plan in geologi-
cal prospecting ahead of time. *Sov. geol.* 11 no. 4:
3-5 Ap '68.

Some conclusions from geological observations.
Experimental data. *Geol. meat. red. elem.* no. 31:20-
28 '67.

Studies connected with the application of mathematical
methods and electronic computers in geology. I. A.
Vorobin. *Geol. i geofiz.* no. 10:75-81 O '67.

Supplements. *Izvest. MOIP. Old. geol.* 43 no. 1:134-160
Ja-F '68.

To the Central Committee of the Communist Party of the
Soviet Union. *Sov. geol.* 11 no. 2:3-4 F '68.

Velga Don Geological Research Institute staffed with
volunteers. I. K. Ropin, I. N. Karlova. *Razved. i okh.
nedr.* 32 no. 6:58-59 Jo '68.

651(471.13)—Komi A.S.S.R.—
[Study of the geology of the U.S.S.R.] *Geologicheskaya
izucheniya* SSSR. Glav. red. V. V. Tikhomirov.
Leningrad, "Nauka,"

T. 6. [Komi A.S.S.R. Period 1949-1965] Komi
ASSR. Period 1949-1965.
Vyp. 1. 1968. 150 p.

651(471.21)—Murmansk Province
New data on the geology of the Khibiny alkaline massif.
S. I. Zak. *Trudy Len. ob-va est.* 73 no. 1:37-41 '63.

651(477)—Ukrainian S.S.R.—
Activities of social organizations in the Krivoy Rog
Trust. A. M. Akimov, A. N. Bor'kin. *Razved. i okh.
nedr.* 32 no. 6:50-51 Jo '68.

651(478.24)—Azerbaijan S.S.R.—
Shikhalov, E. Sh. [Geology and history of the tectonic
development of the eastern part of the Lesser Caucasus
(within Azerbaijan)] *Geologicheskoe slovo i istoriya
tektonicheskogo razvitiya vostochnoi chasti Malogo
Kavkaza (v predelakh Azerbaidzhana)*. Baku, Izd. AN
AZSSR.

[T. 3.] [History of tectonic development] *Istoriya
tektonicheskogo razvitiya*, 1967. 237 p.

651(470.25)—Armenian S.S.R.—
Role of placers in the solution of problems in the geology
and metallogeny of the Armenian S.S.R. P. M. Partikyan
Izv. AN Arm. SSR. Nauki o zem. 20 no. 5/6:179-184 '67.

651(510.3)—Mongolian People's Republic
Marinov, N. A. [Geological studies in the Mongolian
People's Republic] *Geologicheskoe issledovanie i istoriya
Mongol'skoi Narodnoi Respubliki*. Moskva, ["Nedra"], 1967.
843 p.

651(671)—Asiatic R. S. F. S. R.—
[Geology and oil and gas potentials of the central part of
the West Siberian Plain] *Geologiya i neftegazoznaniye
tsentral'noi chasti Zapadno-Sibirskoi nizmenosti*. Mo-
skva, "Nauka," 1968. 143 p.

Recent data on the age of the folded basement of the
central regions of the West Siberian Plateau. V. S.
Dobrov. V. S. Pogorelov. *Dokl. AN SSSR* 170 no. 3:
661-665 Mr '68.

Results and problems in the study of the Mesozoic and
Cenozoic of Siberia. V. N. Saka. *Geol. i geofiz.* no. 10:
51-63 O '67.

651(671.56)—Yakut A.S.S.R.—
Study of gelified substance in deep separation of coals:
as revealed by a study of Aldan-Chai'shan coals.
A. V. Lapo. *Trudy VSEGEI* 132:61-103 '68.

651(571.62)—Khabarovsk Territory
Analyzing meteorological factors in mountainous regions.
I. A. Zhilin. *Razved. i okh. nedr.* no. 28:62-68 '68.

651(574)—Kazakh S.S.R.—
Geological characteristics of the Hyannal granite massif
and place of pegmatites in the process of its formation.
S. M. Beskin, V. M. Smertenko. *Izv. vys. ucheb. zap.*
geol. i razv. 11 no. 5:63-71 My '68.

651(575.3)—Tajik S.S.R.—
Analyzing meteorological factors in mountainous regions
I. A. Zhilin. *Razved. i okh. nedr.* no. 28:62-68 '68.

651(599)—Antarctica. South Polar regions
Geological studies in the eastern part of Queen Maud
Land. M. G. Ravich, D. S. Solov'ov, E. N. Kamanov.
Inform. blul. Sov. antark. eksp. no. 68:14-27 '68.

551.1 Physical geology
Out-of-town Sazonov of the Section of Metamorphic and
Prognostic Maps of the Scientific Council on the
Regional and Geological Study of the U.S.S.R. K. B.
Ilin, A. B. Chelob, P. A. Stokhtun. *Sov. geol.* 11 no. 1:
142-144 Ja '68.

551.1(234)—Mountains of Europe
Relief of the Mohorovicic discontinuity of the Carpatho-
Balkan region and adjacent territories. S. I. Subbotin
and others. *Sov. geol.* 11 no. 2:5-14 F '68.

551.1(52)—Japan
Structural and tectonic relationships of the southern
part of Sakhalin Island and Hokkaido Island and pros-
pects for finding oil and gas. I. D. Rodnikova, K. M.
Sevast'yanov, A. A. Tsubolov. *Sov. geol.* 11 no. 3:
46-63 Mr '68.

551.1(571.6)—Soviet Far East
Structural and tectonic relationships of the southern
part of Sakhalin Island and Hokkaido Island and pros-
pects for finding oil and gas. I. D. Rodnikova, K. M.
Sevast'yanov, A. A. Tsubolov. *Sov. geol.* 11 no. 3:
46-63 Mr '68.

551.2 Internal geodynamics. Endogenous processes
Evaluating the joining of rocks on the basis of micro-
telerologging data. L. P. Bragina, A. A. Kuligin. *Izv.
vys. ucheb. zap.; nef' i gaz* 11 no. 4:7-10 '68.

Experimental reproduction of schistosity in an isotropic
equivalent material. E. I. Panteleeva, *Izv. AN Kazakh.
SSR. Ser. geol.* 26 no. 2:78-78 Mr-Apr '68.

Extent of the contraction of the thickness of rock layers
in the process of folding. V. G. Petrov. *Sov. geol.* 11
no. 2:122-123 Mr '68.

The First International Congress on Rock Mechanics.
M. G. Ginzburg. *Glav. strel.* 38 no. 12:30-41 O '67.

Measured selenides in Solov'evskiy flysch forma-
tion. M. V. Rosta. *Trudy Otkrytoye* 132:167-167 '63.

Granitoid magmatism and tectonics. I. A. Kuznetsov,
A. L. Anisina. *Geol. i geofiz.* no. 10:108-121 O '67.

Now data on the geochemistry of carbonic acid in physical
underground waters. S. I. Pakhomov, I. G. Kiselev. *Dokl.
AN SSSR* 180 no. 2:460-472 My '68.

Results of the Colloquium on Tectonics of the Alpha Fold
Area in Iran and Turkey in May and June 1967. *Izv.
AN Azor. SSR. Ser. nauk o zem.* no. 6:97-103 '67.

Solar energy and the problem of the formation of the alai
layer of the earth's crust. V. I. Lebedev, V. M. Simitsyn.
Izvest. MOIP. Old. geol. 43 no. 1:5-10 Ja-F '68.

Some new ideas on the geology of the earth's mobile belts
and the hypothesis of the drift of continents. G. D.
Azhgirei. *Izv. Vses. geog. ob-va* 100 no. 2:97-102 '68.

Thickness of the clay cover as a factor determining the
height of hydrocarbon pools in a trap. A. A. Pionikov.
Neftegaz. geol. i geofiz. no. 3:19-21 '68.

With aquing in a volcano crater. K. K. Zelenov. *Pri-
roda* no. 6:92-98 '68.

551.2(234)—Mountains of Europe
Ancient volcanism of the northern part of the Arctic Urals
V. M. Okhotnikov. *Sov. geol.* 11 no. 2:76-88 F '68.

Determination of the shape of granite massifs according
to gravimetric data; as revealed by a study made in the
Konoze-Karav'yovskiy Massif, Central Urals. O. V.
Boltayeva, A. I. Atomnikov. *Sov. geol.* 11 no. 2:65-74
F '68.

Traces of Upper Paleozoic igneous activity in the Urals.
M. M. Bezhaev. *Dokl. AN SSSR* 178 no. 3:661-663
Mr '68.

551.2(235)—Mountains of Asia
Effect of recent tectonics on the formation and preserva-
tion of rare metal placers in the Kaiba Range. V. A.
Filippov. *Sov. geol.* 11 no. 2:118-123 F '68.

551.2(285)—Pacific Ocean
Pyroclastic material in sediments in the northwestern
part of the Pacific Ocean. V. I. Chumakov, M. A.
Repechka. *Dokl. AN SSSR* 181 no. 2:218-221 My-Je '68.

551.2(470)—European U.S.S.R.—
Tectonics of the northern part of the Russian platform
according to geophysical data. A. A. Ivanov. *Sov. geol.*
11 no. 4:7-19 Ap '68.

551.2(471.1)—Northern R. S. F. S. R.—
Granite intrusions in the composition of the basement
of the Pechora Depression. B. A. Vasserman and
others. *Izvest. MOIP. Old. geol.* 43 no. 1:112-116
Ja-F '68.

551.2(471.2)—Northwestern R. S. F. S. R.—
Duk, V. L. [Folds of the zone of ultramorphism.
Northern part of the northwestern White Sea region]
*Kladki zony ul'tramorfizma. Severnaya chast'
severo-zapadnogo Belomoria*. Leningrad, "Nauka,"
1967. 82 p.

551.2(471.40)—Astrakhan Province
Petrov, A. K. [Recent movements of the earth's sur-
face in the region of the Baskunchak salt-bearing struc-
ture] *Sovremennye dvizheniya zemnoi poverkhnosti v
raione Baskunchakskoi solonchukoi i osolokh.*
Moskva, "Nauka," 1968. 100 p.

Results of seismic studies with the use of the refraction
correlation method in the eastern part of the southern
slope of the Karpinsk swell. A. A. Brodskii. *Neftegaz.
geol. i geofiz.* no. 3:33-36 '68.

551.2(471.5)—Ural regions
Some data on the structure of the cis-Ural Trough in
connection with gas prospecting operations. I. A.
Bereilo, N. P. Medvedev, I. I. Akcevlav. *Neftegaz. geol.
i geofiz.* no. 3:3-6 '68.

551.2(474)—Baltic Republics
Reasons of horizontal stresses causing diastrophic fold-
ing in the sedimentary folding of platforms; as revealed
by a study made in the Baltic Sea region. N. M. Rukho-
vets. *Dokl. AN SSSR* 180 no. 2:431-434 My '68.

551.2(477.8)—Donets Basin
Main bearing horizons in the upper stage of oil and
gas occurrences in the Donets-Donets Lowland.
O. D. Bilyk, R. I. Sukhorukii. *Nef' i gaz. prom.* no. 3:
4-9 My-Je '68.

Remains of Upper Devonian volcanic apparatus in the
southwestern Donets Basin. L. P. Klichevko. *Dokl.
AN SSSR* 180 no. 4:933-936 Jo '68.

Disposability of various forms of small-amplitude
fractured dislocations in the northern margins of the
Donets Basin. I. A. Gerasimova, V. V. Troshchenko,
V. V. Zaitkin. *Geol. zhur.* 28 no. 1:27-31 Ja-F '68.

Some characteristics of tectonic slides of the
Chistayakov. *Slozheniya osedlennoi chasti Donetskogo
Bassina*. D. P. Filinov, M. A. Shokhed. *Geol. zhur.* 28 no. 1:
82-87 Ja-F '68.

551.2(477.9)—Caucasus
Brief review of the geological structure of the Korch
Peninsula in connection with prospecting for oil and
gas fields. V. A. Gordiyevich. *Nef' i gaz. prom.* no. 3:
6-9 My-Je '68.

551.2(470)—Caucasus and Transcaucasia
Downwarping of the basin bottom and oscillating move-
ments during the Lower Cretaceous in the Khiziv
syncline. I. S. Musilava, V. O. Bozmenov. *Izv. vys.
ucheb. zap.; nef' i gaz* 11 no. 4:11-15 '68.

551.2(470.24)—Azerbaijan S.S.R.—
Shikhalov, E. Sh. [Geology and history of the tectonic
development of the eastern part of the Lesser Caucasus
(within Azerbaijan)] *Geologicheskoe slovo i istoriya
tektonicheskogo razvitiya vostochnoi chasti Malogo
Kavkaza (v predelakh Azerbaidzhana)*. Baku, Izd. AN
AZSSR.

[T. 3.] [History of tectonic development] *Istoriya
tektonicheskogo razvitiya*, 1967. 237 p.

551.2(571)—Astoria R. S. F. S. R.—
Development of Russian volcanology. G. S. Gornikov,
S. I. Naboko. *Geol. i geofiz.* no. 10:100-107 O '67.

Recent data on the age of the folded basement of the
central regions of the West Siberian Plateau. V. S.
Dobrov. V. S. Pogorelov. *Dokl. AN SSSR* 170 no. 3:
661-665 Mr '68.

Results and prospects of seismic studies in Siberia.
V. P. Solov'ov, A. A. Treskov. *Geol. i geofiz.* no. 10:
83-99 O '67.

Tectonic studies in Siberia. I. A. Kosygin, K. V.
Dobolev. *Geol. i geofiz.* no. 10:64-74 O '67.

551.2(571.17)—Kemerovo Province
Role of pyroclastic material in coal-bearing sediments
in the Kuznetsk Basin. A. V. Ven. *Sov. geol.* 11 no. 4:
120-138 Ap '68.

551.2(571.53)—Irkutsk Province
Irkutsk oil- and gas-bearing basin. A. A. Trofimuk and
others. *Geol. i geofiz.* no. 10:153-162 O '67.

551.2(571.54)—Buryat A.S.S.R.—
Absolute age of granitoids of the Alchada intrusion
in the northern part of the Lake Balkal region according to
data of the Rb-Sr method. M. I. Ishaevskiy, E. S.
Varnavskaya, M. M. Manuilova. *Geokhimiya* no. 2:
110-118 F '64.

551.2(571.56)—Chilo Province
Nature of structures of coal-bearing depressions of
Transbaikalia. V. I. Konvova. *Trudy VSEGEI* 132:
110-122 '68.

551.2(571.59)—Yakut A.S.S.R.

Early Paleozoic igneous activity in the northeastern part of the Aldan Peninsula. H. S. Lomon, N. L. Gerasimov. *Izv. Vses. geol. nauch. issled.* 11 no. 3:134-136. Apr '68.

Lower Devonian volcanism in the Anabar Shield. M. G. Lomon, A. N. Vashchenko. *Izv. AN SSSR* 100 no. 4:111-112. Apr '68.

551.2(574)—Kazakh S.S.R.

Geological position of ultrabases of the Irtyz Valley. B. N. Zaitsev, T. A. Vashchenko. *Trudy VSEGEI* 123:113-121. '67.

Geological position of the anomalies of geophysical fields with regard to the structural and geophysical regionalization of Kazakhstan. A. P. Andreyev and others. *Sov. geol.* 11 no. 3:44-47. Apr '68.

Nature of the Akmysh unconformity and the length of fold formation in the Upper Triassic of the Mangyshlak Peninsula. M. M. Mstislavskii. *Bull. NOIP. Old. geol.* 43 no. 1:53-66. Jan-F '66.

Hydrogeology for utilization of thermal underground waters in Kazakhstan. V. S. Zhelezov. *Russk. vod. resur.* 32 no. 10:44-45. Oct '68.

Qualitative evaluation of the inheritance of structural places as exemplified by the Aral-Caspian region. M. S. Arakelov, I. U. M. Vashchenko, V. S. Mstislavskii. *Geolog. nauch. issled.* 11 no. 3:22-24. Apr '68.

Unveiling of large ancient volcanoes in central Kazakhstan. H. S. Zaitsev, I. A. Vashchenko. *Sov. geol.* 11 no. 4:103-105. Apr '68.

Subsurface structure and prospects for finding oil and gas in the Paleozoic of northern Ustyurt. A. A. Pakhtov, I. I. Ilyukin, V. P. Gavrilo. *Sov. geol.* 11 no. 2:35-41. Feb '68.

Unveiling of Jurassic coal-bearing formations of Shagylak and their relation to the tectonic regime. T. A. Ishina. *Trudy VSEGEI* 132:123-125. '68.

551.2(575.3)—Tajik S.S.R.

Anthropogenic minerals, subsurface diagenesis, and stratigraphic correlation of Jurassic terrigenous formations of the southern slope of the Gissar Range. M. A. Akhiev. *Nauch. trudy TashGU* no. 326:208-214. '67.

551.3 External geodynamics. Exogenous processes

Areas of the distribution of main genetic groups of recent sediments in the world ocean. A. B. Ronov. *Dokl. AN SSSR* 179 no. 3:701-704. Apr '68.

Centrifugal problems of the glacier theory and anti-glaciation. I. I. Krasnov. *Trudy VSEGEI* 132:276-280. '68.

Determining ice strength in hydraulic structure design. V. P. Gerasimov. *Chisl. etiol.* 38 no. 5:48-51. May '68.

Effect of frost-caused heaving ground on cable communication lines. B. A. Peretukhin, I. U. G. Kulikov. *V. A. Novoderezhitskii. [Trudy] TSNIS* no. 57:28-35. '65.

Eight International Congress on Cosmology. *Osn. i razv. i mek. grun.* 8 no. 6:36-37. '68.

Engineering geology studies of dislocated terrigenous sedimentary strata. V. I. Galaktionov. *Trudy Gidropromekha* 1:67-136. '63.

Meaning of colluvial accumulations in the morphology and geological structure of river terraces. Z. N. Baranova-Skalska. *Trudy Gidropromekha* 9:179-187. '63.

Modern processes of mountain slopes in the light of Tashkent geomorphological data. A. M. Fokina. *Nauch. trudy TashGU* no. 326:5-10. '67.

Some criteria for the correlation of erosion and mountain glaciation. O. I. Pustlavskaya. *Kh. Sh. Shapenov. Nauch. trudy TashGU* no. 328:11-14. '67.

Stability conditions for overhead contact network towers in permafrost and seasonally deeply frozen ground. M. A. Peretukhin, N. O. Merenkov. *[Trudy] TSNIS* no. 57:97-102. '66.

Tectonic and tectonomagmatic structures of ore zones and deposits. G. F. Lukovits. *Sov. geol.* 11 no. 3:5-22. Apr '68.

Thermal insulation of communication cables as a safety measure against damage by ground heaving. I. U. G. Kulikov. *[Trudy] TSNIS* no. 57:93-95. '66.

551.3(234)—Mountains of Europe

Age of carbonate formations of the Nev'sansk and Paleyev regions on the eastern slope of the Central Urals. M. V. Shurygina, V. S. Mstislavskii. *Sov. geol.* 11 no. 4:138-141. Apr '68.

551.3(282.8)—Caspian Sea

Recent eruptions of a mud (gas)-oil volcano on the island of Buta. Z. A. Buniat-Zade, Ch. A. Khalilbeili, A. N. Gasanov. *Izv. vyz. uchob. zav. i nauch. i issled.* 11 no. 1:17-20. '68.

551.3(285)—Pacific Ocean

Distribution and amount of elements of the genus *Elanoides* in the plankton and bottom sediments of the Pacific Ocean. T. V. Beliaeva. *Okeanologiya* 8 no. 1:102-110. Jan-F '68.

Qualitative distribution of plankton Foraminifera tests in recent sediments of the Pacific Ocean. N. V. Beliaeva. *Okeanologiya* 8 no. 1:111-115. Jan-F '68.

551.3(288)—Arctic Ocean

Varved clays in sediments of Kildin Strait in the Barents Sea. G. A. Teresov. *Dokl. AN SSSR* 179 no. 3:684-685. Apr '68.

551.3(289)—Antarctic Ocean

Organic matter in iceberg sediments of the eastern Antarctic. O. K. Bordoavskii. *Okeanologiya* 8 no. 1:68-77. Jan-F '68.

551.3(477.9)—Crimea

Origin of Lake Chokrakskoye in the Crimea. S. V. Al'khov, F. P. Gorlatov, A. A. Maahir. *Geol. zhur.* 28 no. 1:67-68. Jan-F '68.

551.3(478.24)—Azerbaijan S.S.R.

Get'darsik subvolcanic intrusives (Gornyy Talysh). Sh. A. Azizebekov, M. A. Veliev, F. I. Polapov. *Izv. AN Azerb. SSR. Ser. nauk o zem.* no. 6:19-26. '67.

551.3(571)—Aral Sea S.S.R.

Freezing above a previous body of ice and its effect on the structures of the Tayshol-Lena railroad. S. M. Ipat'shikov. *[Trudy] TSNIS* no. 57:5-20. '68.

551.3(571.53)—Irkutsk Province

Copper potential of sedimentary formations in the southern part of the Siberian Platform. L. F. Markelov, H. P. Bezrodnykh, M. A. Kulakov. *Sov. geol.* 11 no. 1:58-69. Apr '68.

551.3(571.56)—Yakut A.S.S.R.

Lower Proterozoic vein granitoids in the Anabar Shield. R. G. Lopatin, A. S. Vashchenko. *Dokl. AN SSSR* 180 no. 4:91-93. Jan '68.

551.3(571.62)—Khabarovsk Territory

Results of observing the development of frost cliffs during a seasonal freezing of ground in the Khabarovsk area. A. V. Patsalev. *[Trudy] TSNIS* no. 57:21-27. '68.

551.3(575.1)—Uzbek S.S.R.

Continuously interrupted age cropping of the basals of dislocated Cenozoic Molasses in the Fergana Depression. V. I. Popov, A. S. Telechov, I. V. Pichalchenko. *Nauch. trudy TashGU* no. 326:21-24. '67.

Practice in the evaluation of some quantitative parameters of the Cenozoic accumulation of Molasses in the Fergana Depression and their recent tectonic interpretation. A. R. Gorlatov, F. P. Korotkiy. *Nauch. trudy TashGU* no. 326:25-38. '67.

Some features of the tectonic development of western Uzbekistan in the Jurassic and Cretaceous. Sh. U. Davlatov. *Nauch. trudy TashGU* no. 326:15-20. '67.

551.3(575.3)—Tajik S.S.R.

Acolian processes and formation of the surface of the Pamir Highland in the Holocene period. L. P. Shiforov. *Izv. Vses. geol. nauch. issled.* 11 no. 2:110-122. '68.

Lateral weathering surface on Paleozoic rocks of the Gissar Range. L. P. Korotkiy. *Nauch. trudy TashGU* no. 326:137-141. '67.

Snow cover of the western Tien Shan according to the data of surveys in the Kyzylcha Valley. A. A. Abulokov. *Izv. Vses. geol. nauch. issled.* 11 no. 2:158-162. '68.

551.3(575.4)—Turkmen S.S.R.

Lithology and lithofacies of Molasse basins of Turkmenia. A. M. Sedikh. *Nauch. trudy TashGU* no. 326:123-131. '67.

551.3(69)—Antarctica. South Polar regions

Accumulation of snow on the action Mirnyy-105th kilometer. L. I. Dukrovina. *Inform. blud. Sov. antark. eksp.* 10:67-74. '68.

Ice conditions in the Molderzhaya Station region in December 1966. L. I. Dukrovina. *Inform. blud. Sov. antark. eksp.* no. 9:49-53. '68.

Modern tendency in ice of the Schirmacher Islands. V. F. Zakharov. *Inform. blud. Sov. antark. eksp.* no. 9:41-46. '68.

Results of observations on ice drifts in Atashchey Heights. A. P. Kobetskiy. *Inform. blud. Sov. antark. eksp.* no. 10:52-56. '68.

Snow accumulation on the profile Molderzhaya Station-200th kilometer. V. F. Zakharov. *Inform. blud. Sov. antark. eksp.* no. 10:31-35. '68.

551.4 Geomorphology

Determination of the concept "coal-bearing formation." G. A. Isakov. *Trudy VSEGEI* 132:101-109. '68.

Meaning of structural geology characteristics in the formation of karst. Sh. O. Mirkhodor. *Trudy Gidropromekha* 9:287-291. '63.

551.4(470)—European U.S.S.R.

Some data on the relation of thicknesses of Quaternary sediments in the ancient structure of the north of the European part of the U.S.S.R. L. G. Naimanov, I. L. Moznov, M. S. Savellov. *Dokl. AN SSSR* 180 no. 2:428-430. May '68.

551.4(471.21)—Murmansk Province

Some problems of the geological structure of the Lovozero alkaline massifs. I. V. Il'iasen. *Trudy Lon. ob-va est.* 73 no. 1:33-36. '63.

551.4(477)—Ukrainian S.S.R.

Genetic types and dynamics of the shores of the Tsimlyansk Reservoir. V. A. Klumera. *Izv. Vses. geol. nauch. issled.* 11 no. 2:138-143. '68.

Geomorphology of the Vneshka Valley. V. I. Galitskii. *Izv. Vses. geol. nauch. issled.* 11 no. 2:143-146. '68.

551.4(479.24)—Azerbaijan S.S.R.

Recent processes of the development of the coastal area of the Chaplan Sea within Cape Kilyuzinskaya. N. N. Mekhtiev, A. I. Khalilov. *Izv. AN Azerb. SSR. Ser. nauk o zem.* no. 6:64-70. '67.

551.4(575.1)—Uzbek S.S.R.

Carbonaceous karst and its formation characteristics in river valleys as exemplified by the Chirchik River. *Trudy Gidropromekha* 9:295-302. '63.

551.4(501)—Burma

Kurakova, L. I. [Burma. Natural history. Trilobite fauna. 1967. 270 p.]

551.44 Caves. Underground riverography

A lamiform classification of karst caves. *Izv. Vses. geol. nauch. issled.* 11 no. 1:100. '68.

551.44(471.53)—Ukraine

Mycoflora of soils, water of underground types of the Krim-Liana-Khlik. L. D. Baranikova. *Izv. Vses. geol. nauch. issled.* 11 no. 1:140-146. '67.

551.44(477.8)—Wegology

Wegology in the underground waters of the Krim-Liana-Khlik. R. V. Mstislavskii. *Sov. geol.* 11 no. 1:140-146. '67.

551.45 Plains, prairies, steppes, etc.

551.45(477)—Ukrainian

Steppe "bancurs" of the Volynian and their origin. A. I. Bogutskiy. *Izv. Vses. geol. nauch. issled.* 11 no. 2:123-128. '68.

551.46 Oceanography. Submarine topography. Characterization of the structure of the upper part of the shelf. *Okeanologiya* 8 no. 1:1-14. Jan-F '68.

Characterization of wind drifts off the Atlantic (17-24° N.). S. K. Kikina. *Izv. Vses. geol. nauch. issled.* 11 no. 2:146-151. '68.

Continuance and distribution of ice of the ocean surface. V. S. Nazarov. *Izv. Vses. geol. nauch. issled.* 11 no. 2:123-125. Jan-F '68.

Daily variation of the water temperature with respect to depth, including absorption of the solar radiation. *Okeanologiya* 8 no. 1:15-17. Jan-F '68.

Estimation of the heat flux from the surface of the sea. *Okeanologiya* 8 no. 1:18-21. Jan-F '68.

Wave movement in the Krim-Liana-Khlik. *Izv. Vses. geol. nauch. issled.* 11 no. 2:146-151. '68.

Measurement of new water temperature. *Okeanologiya* 8 no. 1:15-17. Jan-F '68.

[Meteorology and hydrology during the storm]. *Okeanologiya* 8 no. 1:18-21. Jan-F '68.

Characterization of the structure of the upper part of the shelf. *Okeanologiya* 8 no. 1:1-14. Jan-F '68.

Characterization of wind drifts off the Atlantic (17-24° N.). S. K. Kikina. *Izv. Vses. geol. nauch. issled.* 11 no. 2:146-151. '68.

Continuance and distribution of ice of the ocean surface. V. S. Nazarov. *Izv. Vses. geol. nauch. issled.* 11 no. 2:123-125. Jan-F '68.

Daily variation of the water temperature with respect to depth, including absorption of the solar radiation. *Okeanologiya* 8 no. 1:15-17. Jan-F '68.

Estimation of the heat flux from the surface of the sea. *Okeanologiya* 8 no. 1:18-21. Jan-F '68.

Wave movement in the Krim-Liana-Khlik. *Izv. Vses. geol. nauch. issled.* 11 no. 2:146-151. '68.

Measurement of new water temperature. *Okeanologiya* 8 no. 1:15-17. Jan-F '68.

[Meteorology and hydrology during the storm]. *Okeanologiya* 8 no. 1:18-21. Jan-F '68.

Characterization of the structure of the upper part of the shelf. *Okeanologiya* 8 no. 1:1-14. Jan-F '68.

Characterization of wind drifts off the Atlantic (17-24° N.). S. K. Kikina. *Izv. Vses. geol. nauch. issled.* 11 no. 2:146-151. '68.

Continuance and distribution of ice of the ocean surface. V. S. Nazarov. *Izv. Vses. geol. nauch. issled.* 11 no. 2:123-125. Jan-F '68.

Daily variation of the water temperature with respect to depth, including absorption of the solar radiation. *Okeanologiya* 8 no. 1:15-17. Jan-F '68.

Estimation of the heat flux from the surface of the sea. *Okeanologiya* 8 no. 1:18-21. Jan-F '68.

Wave movement in the Krim-Liana-Khlik. *Izv. Vses. geol. nauch. issled.* 11 no. 2:146-151. '68.

Measurement of new water temperature. *Okeanologiya* 8 no. 1:15-17. Jan-F '68.

[Meteorology and hydrology during the storm]. *Okeanologiya* 8 no. 1:18-21. Jan-F '68.

551.6 (Continued)

Copper and nickel mineralization in Upper Devonian terrigenous sediments of the southeastern part of Vozrozhnitskiy Island, A.S. Agikh and others. *Sov. geol.* 11 no. 1:122-125 Ja '68.
Determining the boundary of Carboniferous and Mesozoic sediments in the Moscow Chalk Basin based on logging data. A. I. Slakarov. *Izv. vuz. uch. i. razv. geol. razv.* 11 no. 5:102-104 My '68.
New data on the Precambrian of the central part of the Russian Platform. L. P. Solov'ev and others. *Dokl. AN SSSR* 180 no. 2:430-441 My '68.

551.7(471.1)—Northern R. S. S. R.

Upper Pleistocene lakes in the Pechora, Vychegda, and Mezen' Valleys. A. S. Lavrov. *Izv. Vses. geog. ob-va* 100 no. 2:146-161 '68.

551.7(471.13)—Komi A. S. S. R.

First reef oil pool in the Upper Devon of the Timan-Pechora region. M. M. Grachovskii, I. T. Dubovskii, V. P. Loshchenko. *Netlogaz. geol. i. geofiz.* no. 3:14-19 '68.

551.7(471.22)—Karelia A. S. S. R.

Heavenly suite as a new stratigraphic unit of the Proterozoic in southern Karelia. A. I. Kalinak. *Trudy Len. ob-va est.* 73 no. 1:41-45 '68.
Problem of the Paleozoic geology. V. Z. Negmatov, I. I. Negmatov. *Trudy VSEGEI* 143:11-16 '68.
Relation of Karelia to the Paleozoic of eastern Karelia. B. N. Ergashev, A. S. Vainov. *Trudy VSEGEI* 143:97-109 '68.

551.7(471.5)—Ural regions

Regularities of the stratigraphic distribution of oil and gas pools in the northern regions of the Ural-Volga area. S. P. Fedorov, K. I. Dimov, A. A. Poshtnikov. *Netlogaz. geol. i. geofiz.* no. 3:7-11 '68.

551.7(471.6)—Northern Caucasus

Age of the Karabakh series of the Northern Caucasus. E. N. Ivanov, I. O. S. Malina. *Sov. geol.* 11 no. 2:147-150 Ja '68.
Andreyevskaya Plutonic series in the Volga-Don Interfluvium. N. M. Pokrovskaya. *Trudy Giprospetsna* 0:241-247 '68.

551.7(474.3)—Latvian S. S. R.

Boundaries of the Devonian and Carboniferous in Latvia. I. S. Savvayeva. *Izv. vuz. uch. i. razv. geol. razv.* 11 no. 5:22-30 My '68.
Characteristics of Early Precambrian sedimentation in the Latvian S. S. R. I. A. Polvyko. *Sov. geol.* 11 no. 1:40-46 Ja '68.

551.7(477)—Ukrainian S. S. R.

Age of rocks of the Mayakchik series. A. H. Nased. *Geol. zhur.* 20 no. 1:85-87 Ja '68.
Devonian sediments of the southern Ukraine. I. M. Marg. *Dokl. AN SSSR* 180 no. 1:175-176 My '68.
New data on Devonian sediments in the Chortkiv region and prospects for finding oil and gas. O. D. Brychlenko, V. K. Gavrilin, V. R. Litvinov. *Geol. zhur.* 20 no. 1:53-54 Ja '68.

551.7(477.6)—Donets Basin

Precursors for oil and gas accumulation in the Devonian sediments of the Gersonovskoye-Lykovskoye salt-dome field. M. V. Klimuk. *Netlogaz. geol. i. geofiz.* no. 3:1-4 My '68.
Remains of Upper Devonian volcanic apparatus in the southwestern Donets Basin. L. P. Kirichenko. *Dokl. AN SSSR* 180 no. 4:933-936 Je '68.

551.7(477.8)—Western Ukraine

Stratigraphy of the Volynian series (Upper Precambrian) of Volynia. A. E. Irlukov. *Sov. geol.* 11 no. 3:23-33 My '68.

551.7(477.88)—Transcarpathia

Paleogene at the Pieniny zone of Soviet Transcarpathia. S. S. Kinglov, S. R. Simionov. *Sov. geol.* 11 no. 2:25-35 F '68.

551.7(477.8)—Crimea

Kerch porous clay flint. I. S. Ukhvanov. *Geol. zhur.* 29 no. 1:115-116 Ja '68.
Problems of stratigraphy and the origin of the Flysch Tauric series (Crimean Mountains). A. I. Shul'man. *Trudy Len. ob-va est.* 73 no. 1:54-64 '68.
Some new types of nodosaralidites from Bessarabian and Valangian sediments of the Crimea. V. Yonkatchalapa. *Blul. MOIP. Okt. geol.* 43 no. 1:74-82 Ja '68.

551.7(478)—Caucasus and Transcaucasia

Precambrian of the Caucasus. K. N. Paffengol'ts. *Izv. AN Arm. SSR. Nauki o zem.* 20 no. 5:6-22-35 '67.

551.7(478.22)—Georgian S. S. R.

Materials of the stratigraphy and fauna of the Cretaceous volcanic formation of the Abkhaz-Trialeti fold system. I. V. Kotolishvili. *Trudy Geol. inst. AN Gruz. SSR* 15:28-53 '67.
Stratigraphy of Lower and Middle Miocene sediments of Iedikhuma. G. D. Anantashvili. *Trudy Geol. inst. AN Gruz. SSR* no. 18:1-123 '67.
Stratigraphy of Lower Jurassic sediments in southwestern Georgia. V. I. Zolotarev. *Trudy Geol. inst. AN Gruz. SSR* no. 18:6-26 '67.

551.7(478.24)—Azerbaijan S. S. R.

Lithology and physico-mechanical properties of clay rocks of the Apsheron stage in central Azerbaijan. D. A. Sultanov. *Izv. AN Azorb. SSR. Bor. nauk o zem.* no. 8:47-53 '67.

Stratigraphic position and boundaries of the distribution of the Chabur-Dag series. M. P. Bazhenov, R. IU. Riklov. *Dokl. AN Azorb. SSR* 23 no. 1:36-39 '67.

551.7(478.25)—Armenian S. S. R.

New data on the flora of the Danian stage. E. I. Zaklin'skaya, L. A. Lele. *Dokl. AN SSSR* 180 no. 1:181-184 My '68.

551.7(5)—Asia

Age of the Oligocene of the Kuznetsk Basin and Namur analogues in continental sediments of northern Asia. S. V. Stetsen. *Dokl. AN SSSR* 180 no. 4:944-947 Je '68.

551.7(571)—Aral Sea R. S. S. R.

Asian sediments of the eastern margin of the Caspian Lowland. A. S. Posadskaya, L. I. Dal'yan, T. S. Sergeeva. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:49-51 My '68.

Division and correlation of the Lower Devonian of Siberia. E. A. Fikina and others. *Dokl. AN SSSR* 180 no. 1:177-180 My '68.

Late glacial period in the Amur Valley. E. P. Denisov, V. V. Nikol'skaya. *Izv. Vses. geog. ob-va* 100 no. 2:132-135 '68.

Late Precambrian and Paleozoic of Siberia: some general problems of stratigraphy. B. S. Sokolov. *Geol. i. geofiz.* no. 10:34-50 O '67.

Problems of the methodology of the correlation of different basins sediments as revealed by a study of the Paleogene of the Turgay Trough, the southern part of the West Siberian Plain, Ustyurt, the Ural Mountain region, and Fergana Depression. E. P. Batsava and others. *Trudy VSEGEI* 143:32-44 '69.

551.7(571.61)—Krasnoyarsk Territory

Comparison of cross sections of Middle Jurassic sediments of the Borodinsk and Pervomayevsk coal deposits. E. M. Markovitch. *Sov. geol.* 11 no. 1:108-111 Ja '68.

551.7(571.63)—Irkutsk Province

Geology and the coal potential of the southeastern (Lake Balkh) part of the Irkutsk Coal Basin. I. K. Zhil'tsov. *Trudy VSEGEI* 142:109-136 '68.

551.7(571.65)—Chita Province

Possibility of using complex rhythmostratigraphic studies of Upper Mesozoic sediments in the Boley region (southern Transbaikalia). V. G. Khomich, S. V. Cheplovsk. *Nauch. trudy TashGU* no. 326:114-120 '67.

551.7(571.66)—Yakut A. S. S. R.

Basic problems of the Pre-Cambrian stratigraphy of the Aldan-Stanovoy crystalline massifs. I. K. Dzevanovskii and others. *Trudy VSEGEI* 143:119-124 '68.
Early Paleozoic igneous activity in the northeastern part of the Siberian Platform. B. N. Ikonov, N. I. Gogina. *Sov. geol.* 11 no. 4:91-102 My '68.
Lower Proterozoic vein granitoids in the Arabian Shield. *Dokl. AN SSSR* 180 no. 4:911-914 Je '68.
Tillites in the Late Precambrian in the Kolyma Valley. R. S. Puzil. *Dokl. AN SSSR* 180 no. 4:949-951 Je '68.

551.7(571.6)—Soviet Far East

Stratigraphic and structural correlation on the basis of the thermal analysis of rocks containing a coal-graphitic substance as revealed by a study made in the southern part of the Far East. L. M. Alekseev, T. N. Kramolina. *Sov. geol.* 11 no. 4:33-47 Ap '68.

551.7(571.62)—Khabarovsk Territory

Stratigraphy of the Late Precambrian and Cambrian of the Melan block (southern part of the Borovo Mostil). A. M. Alekseev and others. *Sov. geol.* 11 no. 3:115-118 F '68.

551.7(571.63)—Maritime Territory

Geochronological characteristics of Upper Cretaceous-Early Tertiary granitoids in the southeastern part of the Maritime Territory, as revealed by a study made in the Vladivostok and Cape Kramornyy Massifs. V. V. Polakova, A. A. Shina, G. I. Matkova. *Sov. geol.* 11 no. 3:138-144 My '68.

551.7(571.64)—Sakhalin Province

Principles and methods of the study of key stratigraphic cross sections as revealed by a study made in the typical stratigraphic cross section of the Upper Cretaceous of the Pacific biogeographic region (Sakhalin). V. N. Vereshchagina, B. A. Solov'ev. *Trudy VSEGEI* 143:45-58 '69.

551.7(571.66)—Kamchatka Province

[Stratigraphy of the Quaternary sediments and glaciation of Kamchatka] *Stratigrafika chetvertichnykh otlozhenii i dedeniya Kamchatki*. Moskva, "Nauka," 1968. 227 p.

551.7(574)—Kazakh S. S. R.

Age and relationships of the Ashcheryryk and Chagan series of northern Ustyurt and the Uzunbask series of the northern coast of Parovoz Bay (Aral Sea). V. A. Bronovot, S. G. Zhilina. *Trudy VSEGEI* 123:74-100 '67.

Age and the division of the Kaypas series in the Bayanul region. M. V. Aksemetova, V. A. Olukhskii. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:20-31 My '68.

Age interrelationships of series in the Pliocene of Turgay. A. A. Boboevova, U. N. Maelcni. *Trudy VSEGEI* 123:101-107 '67.

Age of the Urt'yshskaya series (Central Kazakhstan). R. M. Anoduk, B. Sh. Klinger. *Dokl. AN SSSR* 180 no. 4:923-925 Je '68.

Geology and conditions governing the accumulation of coal-bearing sediments of the Lenger deposit. A. K. Buvalkin. *Trudy inst. geol. nauk. AN Kazakh. SSR* 23:125-145 '68.

Geology and conditions governing the formation of the Upper Jurassic sediments of southern Kazakhstan. A. K. Buvalkin. *Trudy inst. geol. nauk. AN Kazakh. SSR* 23:81-110 '68.

Lithology of Jurassic sediments of the Uzer' deposit. S. A. Akhanova. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:51-58 My '68.

Neogene stratigraphy of Kazakhstan. A. D. Riklovsk, M. E. Vokobokov, P. F. Sevtov. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:11-20 My '68.

New data on the stratigraphy of the Miocene-Quaternary sediments of the Tugay Gorges. A. A. Bregin. *Trudy VSEGEI* 123:108-112 '67.

Outline of the distribution of Mesozoic coal-bearing sediments in Kazakhstan. G. L. Kushev. *Trudy inst. geol. nauk. AN Kazakh. SSR* 23:3-15 '68.

Paleogene stratigraphy of the western regions of southern Kazakhstan. V. A. Bykadorov and others. *Blul. MOIP. Okt. geol.* 43 no. 1:74-82 Ja '68.

Petrographic characteristics of Jurassic coals of northeastern Kazakhstan. I. B. Volkova. *Trudy VSEGEI* 132:245-267 '68.

[Petrography of central Kazakhstan] *Petrografia Tsentral'nogo Kazakhstana*. Moskva, "Nedra."

T. I. [Petrography of metamorphic rocks of the Precambrian in central Kazakhstan] *Petrografia metamorficheskikh porod dokembriya Tsentral'nogo Kazakhstana*. 1967. 338 p.

Riphean sediments of the Karatau Range (southern Kazakhstan). V. I. Pavlova. *Blul. MOIP. Okt. geol.* 43 no. 1:67-73 Ja '68.

Some problems of the Late Pliocene history of northern Mangyshlak. V. I. Oleynikov. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:56-59 My '68.

Some problems of the stratigraphy and physical properties of rocks of the Upper Paleozoic of the region of the Dzhezkazgan Syncline. B. I. Zhuravskii. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:73-78 My '68.

Sparg-pollon complexes of Lower Mesozoic sediments of local depressions of eastern Kazakhstan and their stratigraphic significance. E. I. Murzhovskaya. *Trudy inst. geol. nauk. AN Kazakh. SSR* 23:16-33 '68.

Stratigraphy of Cretaceous and Paleogene sediments in the northwestern part of the Turgay Gorge. V. O. Nikulina. *Trudy VSEGEI* 123:25-32 '67.

Stratigraphic cross section of the Lower Quaternary of the Altai portion of the Irtysh Valley. "Ostraya Sopka." V. S. Bazhenov, V. M. Mafet, O. D. Moskina. *Izv. AN Kazakh. SSR. Ser. geol.* 25 no. 2:60-62 My '68.

Upper Paleogene sediments of northern Ustyurt and the Chagarynskaya Plateau. V. A. Bronovot and others. *Trudy VSEGEI* 123:33-41 '67.

Variegated sediments of Jurassic coal-bearing formation of Mangyshlak and their relation to the tectonic regime. T. A. Iahina. *Trudy VSEGEI* 132:123-129 '68.

551.7(676)—Central Asia

Comparative characteristics of Siwalik and Central Asian Cenozoic Molasse formations. A. N. Murli Doka, V. I. Popov, P. P. Korakov. *Nauch. trudy TashGU* no. 326:37-67 '67.

Geological, petrographic characteristics of Cenozoic Molasses of the upper Chirchik Valley: as revealed by a study of the Kyzyl-Su. A. N. Murli Doka. *Nauch. trudy TashGU* no. 326:64-73 '67.

551.7(576.1)—Uzbek S. S. R.

Continuously-interrupted ages creeping of the basis of dislocated Cenozoic Molasses in the Fergana Depression. V. I. Popov, A. S. Tolukov, I. V. Ploschchenko. *Nauch. trudy TashGU* no. 326:31-24 '67.

Dynamic facies of Cretaceous formations of Fergana. S. D. Mokrova. *Nauch. trudy TashGU* no. 326:84-93 '67.

Facies characteristics of continental paleogene sediments of the Mesozoic of Fergana. B. I. Usman. *Nauch. trudy TashGU* no. 326:94-102 '67.

Facies-lithological characteristics of Cenozoic Molasses of the Chirchikpayskaya anticline. I. V. Ploschchenko and others. *Nauch. trudy TashGU* no. 326:74-83 '67.

Practice in the evaluation of some quantitative parameters of the Cenozoic accumulation of Molasses in the Fergana Depression and their recent tectonic interpretation. A. B. Gorinina, P. P. Korakov. *Nauch. trudy TashGU* no. 326:25-38 '67.

Lithomorphological division of Cenozoic Molasses of the Chirchikpayskaya anticline. I. V. Ploschchenko and others. *Nauch. trudy TashGU* no. 326:58-63 '67.

Some features of the tectonic development of western Uzbekistan in the Jurassic and Cretaceous. *Nauch. trudy TashGU* no. 326:15-20 '67.

551.7(575.2)—Kirghiz S. S. R.

Ancient shorelines in the western Issyk-Kul' Depression. L. G. Bondarova. *Izv. Vses. geog. ob-va* 100 no. 2:137-139 '68.

Facies-lithological characteristics of Bshatlan-Jurassic sediments of the Minkush-Kokomeren Trough. T. M. Ibragimov. *Nauch. trudy TashGU* no. 326:110-113 '67.

551.7(575.3)—Tajik S. S. R.

Asolian processes and formation of the surface of the Pamir Highland in the Miocene period. L. F. Sidorov. *Izv. Vses. geog. ob-va* 100 no. 2:116-122 '68.

Characteristics of kaolinitic clays of the Lower and Middle Jurassic of the southern slopes of the Gissar Range. Sh. Babayev. *Dokl. AN Tadzh. SSR* 11 no. 1:62-65 '68.

551.7(66)—West and North Central Africa

Upper Cenomanian and Lower Turonian sediments in the northwestern part of the Mali-Nigerian syncline (northern Sahara). O. V. Ivanikov, V. F. Kichko, I. U. Ilalys'kii. *Geol. zhur.* 28 no. 1:107-113 Ja '68.

551.8 Paleogeography

- Comparative study of Paleozoic (Quaternary) sedimentation in the Ural problems. V. A. Zolotarev. *Trudy VSEGEI* 132:104-107 '68.
- Investigation of the structure of Paleozoic formation. G. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Structure of the Paleozoic formation of the Ural. G. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Methods of biotite analysis (fritsch). B. P. Markovskii. *Trudy VSEGEI* 132:104-107 '68.
- Investigation of the Ural. S. B. in the Quaternary. G. S. Gerasimov. *Trudy VSEGEI* 132:104-107 '68.
- Structure of the Ural. S. B. in the Quaternary. G. S. Gerasimov. *Trudy VSEGEI* 132:104-107 '68.
- Materials on the paleogeography of the Ural. Study 4. Tatarskian stage. Materialy k paleogeografii Urala. Ocherk IV. Tatarskii et al. *Sverdlovsk*, 1967. 205 p.
- Structure of the Paleozoic formation of the Ural. G. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

551.8(471.4)—Central and Lower Volga regions

- Conditions governing alluvial accumulation in the Paleozoic basin of the Volga Valley and Caspian Sea region. I. G. Ilyashov. *Dokl. AN SSSR* 180 no. 1:244-250 May '68.

551.8(471.5)—Ural regions

- Using the paleogeographical method for the reconstruction of paleogeological conditions. N. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552 Petrology. Petrography

- The Al-Mg-Al system as a criterion for the chemistry of coal and lignite. N. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Alpine-type ultrabasic belts of the western part of the fold area surrounding the Pacific Ocean. G. V. Ilyashov. *Trudy VSEGEI* 132:104-107 '68.
- Alteration of rocks under the effect of igneous rocks. V. M. Kopylov. *Trudy VSEGEI* 132:104-107 '68.
- Algebraic chemistry of silicates. V. S. Stoyanov. *Dokl. AN SSSR* 180 no. 1:244-250 May '68.
- Basic principles of coal classification by petrography. N. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Characteristics of the sedimentation of high-alumina rocks of the lower series of the Alcan Archon. E. A. Kuznetsov. *Dokl. AN SSSR* 179 no. 3:678-680 Mr '68.
- Classification of microelements and petrographic types of L-type coals. I. E. Val'va and others. *Trudy VSEGEI* 132:104-107 '68.
- Coefficient of the dispersibility of clays as an indicator of the dynamics of a basin. M. Z. Zakhov. *Nauch. Trudy TashGU* no. 125:105-109 '67.
- Comparative study of soluble and insoluble fractions of humic acids from peats and weathered and lignite. T. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Composition and properties of the gelified substances of coals. I. E. Val'va. N. M. Krylova. V. V. Kravchenko. *Trudy VSEGEI* 132:104-107 '68.
- Concretionlike isolates of quartz lithophytes. A. S. Bobokhov. *Byul. MOIP. Old. geol.* 43 no. 1:117-119 Ja '68.
- Criticism of the principles of classifying humic coals. G. D. Petrovskii. *Trudy VSEGEI* 132:104-107 '68.
- Determination of the concept "coal-bearing formation." G. A. Ivanov. *Trudy VSEGEI* 132:104-107 '68.
- Effect of an axial load on the mechanical and volume of disintegrated rock in drilling with cone bits. I. I. Doroshko. *Trudy VSEGEI* 132:104-107 '68.
- Entropy as a measure of rock anisotropy. L. A. Burdakov. *Trudy VSEGEI* 132:104-107 '68.
- Experimental study of the system $K_2O - Al_2O_3 - SiO_2 - H_2O$ at $T = 100 - 700^\circ C$ and $P = 1000$ kg/cm². V. A. Zharikov and others. *Dokl. AN SSSR* 180 no. 4: 655-657 Jr '68.
- Facies analysis in the petrology of coals. I. B. Volkov. *Trudy VSEGEI* 132:104-107 '68.
- Features of the petrographic composition of Paleogene brown coals of the European part of the U.S.S.R. and distribution of microelements in them. A. I. Ginzburg. *Trudy VSEGEI* 132:104-107 '68.
- Formation of gas bubbles in various fluids flowing from cylindrical nozzles. G. I. El'fremov. I. A. Vakhrushev. *Khim. i tekhn. topl.* 4 no. 6:41-46 '68.
- Gelified clay mass periderm as one of the phytolites in the humic basin coals. A. V. Lapov. *Khim. i tekhn. topl.* 4 no. 6:41-46 '68.
- Geochemical interaction in the diagenesis of adjacent beds in a section. P. V. Zaitseva. *Dokl. AN SSSR* 180 no. 1:208-210 May '68.
- Geochemistry of boron in supergenic processes. A. A. Ogorin. *Trudy VSEGEI* 132:104-107 '68.
- [Geochemistry of rocks and ores. (Materials on the 7th All-Union Lithological Conference, 1965)] *Geokhimiya osadochnykh porod i rud*. (Materialy VII Vsesoyuz. litol. konferentsii 1965 g.) Moscow, "Nauka," 1968. 442 p.
- Geological conditions governing the occurrence of amazonite granites. *Geol. mest. red. elem.* no. 3:1-18 '67.
- Granitoid magmatism and leucitoids. I. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Heterogeneous intrusive massifs of platforms and completely folded regions. V. V. Arkharov. *Sov. geol.* 11 no. 1:38-45 Ja '68.

- Interrelationship of the formation processes of amazonite and the metamorphic alteration of granites. *Geol. mest. red. elem.* no. 3:1-18 '67.
- Isolating zones of crush by geophysical methods in coal exploration boreholes in the Kuznetsk Basin. S. A. Stekolov. *Razved. i okh. nefti* 34 no. 5:55-58 May '68.
- [Metasomatism and others problems in physicochemical petrology] *Metasomatism i drugie rospoyblizhennyye fiziko-khimicheskiye petrologii*. Moskva, "Nauka," 1968. 362 p.
- Method of calculating the effect of jointing on the deformation properties of rock masses. B. D. Zolotarev. *Trudy LIEI* no. 13:62-76 '67.
- Petrographic characteristics of amazonite granites. Amazonization and regulation of potassium feldspar. *Geol. mest. red. elem.* no. 3:1-18 '67.
- [Physicochemical properties of rocks of the upper part of the earth's crust. (Reports at a symposium held November 30-December 4, 1964)] *Fiziko-khimicheskiye svoystva gornykh porod verkhney chasti zemnoy kory*. (Doklady na simpoziume, sostoiavshemsia 30/XI-4/XII 1964 g.) Moskva, "Nauka," 1968. 334 p.
- Possibility of using the equilibrium constant for the formation of hydrous minerals for calculating temperatures of oil and condensate formation. I. A. D. Savitskiy. *Trudy VSEGEI* 132:104-107 '68.
- Preparation of transparent polished sections from coals. A. S. Chudakov. *Trudy VSEGEI* 132:104-107 '68.
- Probable formation of the problem of the formation of volcanic-plutonic formations. V. V. Denisenko. *Sov. geol.* 11 no. 1:110-113 Ap '68.
- Problems of granite and felsic trends in the petrography of coals in the U.S.S.R. L. P. Nefedeva. *Trudy VSEGEI* 132:104-107 '68.
- Prospecting significance of clays of ultrabasic alkali rocks. A. G. Zhabina. N. P. Savitskiy. A. A. Maimakova. *Sov. geol.* 11 no. 3:99-112 Mr '68.
- Relation of amazonization processes to rare metal mineralization. Significance of amazonite granites as a prospecting indication and prognostic evaluation criterion. *Geol. mest. red. elem.* no. 3:1-18 '67.
- Relationship of $CaO : MgO : FeO$ and the mineral composition of coals. A. A. Gerasimov. *Dokl. AN SSSR* 179 no. 3:681-683 Mr '68.
- Role of starting vegetation material, medium, and mineral substances in the process of ore formation. G. D. Petrovskii. *Trudy VSEGEI* 132:104-107 '68.
- Selecting optimum technological parameters for the extraction of mineral waters from Aleksandrovskaya brown coals. B. I. Stoyanov. C. F. Zimakov. *Khim. i tekhn. topl.* 4 no. 6:41-46 '68.
- Slates on rocks. E. P. Makhlova. *Trudy VSEGEI* 132:104-107 '68.
- Some features of the distribution of germanium in a coal formation. E. I. Fokina. L. V. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Some geochemical characteristics of amazonite granites. Regime of acidity-alkalinity in amazonization process. *Geol. mest. red. elem.* no. 3:1-18 '67.
- Some problems of the general of the rare metal mineralization of coals. L. P. Nefedeva and others. *Trudy VSEGEI* 132:104-107 '68.
- [Studies on rock mechanics] *Izvestiya po mekhanike gornykh porod*. Pod red. S. G. Averushina. Frunze, "Tilim," 1967. 135 p.
- Studying the effect of clay material on the electric conductivity of oil-saturated terrigenous rocks. N. N. Maimakova. *Neftegaz. geol. i profil.* no. 3:36-40 '68.
- Terminology of coal petrography. L. I. Savitskiy. *Trudy VSEGEI* 132:104-107 '68.
- Thickness of the clay cover as a factor determining the height of hydrocarbon pools in a trap. A. A. Plonnikov. *Neftegaz. geol. i profil.* no. 3:36-40 '68.
- Transformation of coal substances in diagenesis. L. I. Savitskiy and others. *Dokl. AN SSSR* 180 no. 1:214-217 May '68.

552(234)—Mountains of Europe

- Formational division of ultrabasic rocks of the Ural. L. N. Delyukin. K. K. Zolotarev. *Dokl. AN SSSR* 180 no. 4: 210-213 Jr '68.
- New data on ultrabasites of the Trans-Ural region. L. I. Savitskiy. *Dokl. AN SSSR* 180 no. 2:435-438 Mr '68.
- Pseudotachylites in Paleozoic rocks of the Eastern Ural. A. A. Zolotarev. *Sov. geol.* 11 no. 1:113-115 Ja '68.

552(235)—Mountains of Asia

- Behavior of iron in the process of low-temperature hydrothermal metamorphism as a whole by a study made on the Kyzyl-Orda (Mongolia) (Tien Shan). L. I. Savitskiy. *Trudy VSEGEI* 132:104-107 '68.

552(282.24)—European rivers

- Interval of sedimentation on the territory of the Communist and Turkey in the southern part of the Tianshan-Dnieper interflow. P. D. Bunkachuk. B. V. Burdenko. G. A. Aronovskaya. *Sov. geol.* 11 no. 3:119-121 Mr '68.

552(470)—European U.S.S.R.

- Celestine and strontianite mineralization in carbonate sediments of the Ozerki series in the southern wing of the Moscow Basin. M. A. Savost'yanov. *Sov. geol.* 11 no. 2:123-127 F '68.
- New data on the Precambrian of the central part of the Russian Platform. L. F. Salontov and others. *Dokl. AN SSSR* 180 no. 2:439-441 Mr '68.

552(471.13)—Komi A.S.S.R.

- First reef oil pool in the Upper Devon of the Timan-Pechora region. M. M. Grachevskiy. I. T. Dubovskiy. V. E. Loshchenko. *Neftegaz. geol. i profil.* no. 3:14-16 '68.

552(471.21)—Murmansk

- Features in the Paleozoic complex rocks of the Kola Peninsula. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.
- Geochemistry of fluorine in alkaline rocks of the Kola Peninsula. New data on the geology of the Kola Peninsula. *Trudy VSEGEI* 132:104-107 '68.
- Some problems of the geological investigation of the Kola Peninsula. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(471.5)—Ural regions

- Ancient structure of the Ural. B. D. Zolotarev. *Trudy VSEGEI* 132:104-107 '68.
- Makhlova, E. I. [Atlas of coals of the Ural. Atlas uplet Chetvortinskoye iuzsk, 1967. 146 p.

552(471.62)—Makhlova

- Some results of analyzing lignite. T. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(471.65)—Chelyabinsk

- Tarakanova, E. I. [Atlas of coals of the Ural. Atlas uplet Chetvortinskoye iuzsk, 1967. 146 p.

552(471.64)—Khabarovsk

- Distribution of minor elements in the sedimentary complex in the Khabarovsk region. N. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(471.63)—North Caucasus

- Some new data on the geology of the Caucasus (North Caucasus). V. V. Denisenko. *Trudy VSEGEI* 132:104-107 '68.

552(474.3)—Lithium

- Characteristics of Early Triassic lithium. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(477)—Ukrainian

- Characteristics of magmatic rocks in the upper Dnieper Valley. *Geol. mest. red. elem.* no. 3:1-18 '67.
- Magma and initiation in the development of the Ukrainian platform. L. A. Kuznetsov. *Dokl. AN SSSR* 179 no. 3:681-683 Mr '68.

552(477.8)—Western Caucasus

- Distribution of lithium in the Zambardian. V. V. Denisenko. *Trudy VSEGEI* 132:104-107 '68.

552(477.08)—Transcaucasus

- Role of porosity in localizing hydrocarbons in the upper Dnieper Valley. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(477.0)—Crimea

- Origin of Lake Chukotskaya in the Crimea. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(479.24)—Azerbaijan

- Factors determining the changes in the hydrocarbon content in the Azerbaijan region. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(479.25)—Azerbaijan

- Altered rocks of the northern slope and their prospecting significance in the Azerbaijan region. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

552(610.3)—Mongolia

- Some problems in the development of the Mongolian and its prospects. Chorenovskiy. *Razved. i okh. nefti* 34 no. 5:55-58 May '68.

552(671)—Atlantic R.S.

- Alkali-earth elements in sedimentary rocks of the Atlantic R.S. L. A. Kuznetsov. *Trudy VSEGEI* 132:104-107 '68.

Petrographic characteristics of coals of the Laisvanka-Vatok deposit in the Noril'sk region. I. A. Roglanova. Trudy VSEGEI 132:152-163 '68.

Use of microelements for the stratigraphic division of Mesozoic effusive formations of eastern Transbaikalia. I. V. Sakhayev. Geokhimiya no. 2:178-181 '61.

552(571.12)—Tyumen Province

Effect of the grading factor of a reservoir on its capacity characteristics. S. N. Grigor'ev. Izv. vys. ucheb. zav. i nauch. zap. II no. 1:9-11 '68.

552(571.17)—Kemerovo Province

Role of pyroclastic material in coal-bearing sedimentation of the Kuznetsk Basin. A. V. Van. Sov. geol. II no. 4:129-138 Apr '68.

552(571.51)—Krasnoyarsk Territory

Upper Proterozoic Riphean allochthonous formations of the Verkhnyy Kuznetsk. V. P. Babin. Dokl. AN SSSR 150 no. 3:916-924 Jan '68.

552(571.53)—Irkutsk Province

Geology and the coal potential of the southeastern (Lake Balkal) part of the Irkutsk Coal Basin. R. K. Zhil'tsov. Trudy VSEGEI 132:130-140 '68.

552(571.54)—Buryat A.S.S.R.

Accessory minerals in granitoids of the Baidar and Gashir'indul'nyy intrusions in the Irkutsk region. I. I. Zakharenko. Izv. vys. ucheb. zav. i nauch. zap. II no. 3:31-41 May '68.

Secondary quantities of Mukhon-Tala, a new type of metamorphically altered rocks in Transbaikalia. N. Ia. Volynsk. V. S. Lebedeva. Dokl. AN SSSR 140 no. 2:455-458 May '68.

552(571.55)—Chita Province

Nature of structures of coal-bearing depressions of Transbaikalia. V. I. Konvicta. Trudy VSEGEI 132:110-122 '68.

552(571.56)—Yakut A.S.S.R.

Some features of the petrographic and chemical characteristics of coals of the Aldan-Chul'man region. E. S. Kozlovskaya. A. D. Akhmedova. Trudy VSEGEI 132:205-222 '68.

Stratigraphic vegetation material of southern Yakutian coals and the nature of its alteration. I. N. Drozdova. Trudy VSEGEI 132:226-244 '68.

552(571.6)—Soviet Far East

Contact metamorphism of granitoid intrusions and its thermodynamic. I. N. Gonorov. Geol. i geofiz. no. 10:135-151 Oct '67.

552(571.61)—Amur Province

Petrographic characteristics of coal formations of the Ural'skoye deposit of the Bureya Basin. O. A. Davus-Ilyukovskaya. Trudy VSEGEI 132:164-166 '68.

552(571.63)—Maritime Territory

Gravel domes in the southern part of the Maritime Territory and its effect on the distribution of oil potential. U. A. Ephraim. Sov. geol. II no. 1:119-126 Jan '68.

Geological characteristics of Upper Cretaceous-Early Tertiary granitoids in the southeastern part of the Maritime Territory, as revealed by a study made in the Vladimirovsk and Cape Mennikovsk Massifs. V. V. Poltchikov, A. A. Stukin, G. I. Maikova. Sov. geol. II no. 3:133-144 Mar '68.

Some varieties of volcano-plutonic formations, as revealed by a study made in the Sukhina thin geological structure. F. R. Likht. Sov. geol. II no. 3:140-153 Mar '68.

552(574)—Kazakh S.S.R.

Disjointedness of proclastic sediments (horizons XIII to XVIII) of the Uzen' field. N. E. Tykov and others. Neftgaz. geol. i geofiz. no. 3:24-28 '68.

Distribution of accessory minerals in rocks of the Orton Massif. E. I. Ivanova, I. I. Zhil'tskaya. Izv. AN Kazakh. SSR. Ser. geol. 25 no. 2:67-71 Mar-Apr '68.

Genetic types of coals of the Ekibastuz Coal Basin. L. P. Nedel'tseva. Trudy VSEGEI 132 '68.

Lithology of Jurassic sediments of the Uzen' deposit. S. A. Aktanov. Izv. AN Kazakh. SSR. Ser. geol. 25 no. 2:51-56 Mar-Apr '68.

Petrographic characteristics of Jurassic coals of northeastern Kazakhstan. I. B. Volkova. Trudy VSEGEI 132:245-257 '68.

Petrography of central Kazakhstan. Petrografiya Tsentral'nogo Kazakhstana. Moskva, "Nedra," 1968.

T. I. [Petrography of metamorphic rocks of the Precambrian in central Kazakhstan] Petrografiya metamorficheskikh porod dokembriya Tsentral'nogo Kazakhstana. 1967. 338 p.

Some data on the distribution of copper in intrusive rocks of the Sayok copper deposit. I. I. Gekht, N. P. Litvin. Neftgaz. geol. i geofiz. no. 3:24-28 '68.

Variegated sediments of Jurassic coal-bearing formation of Kargyshtak and their relation to the tectonic regime. T. A. Isina. Trudy VSEGEI 132:123-126 '68.

552(575.1)—Uzbek S.S.R.

Epigenetic zonation in carbonate rocks of Paleogene sediments of southwestern Fergana. M. Z. Godina. Nauch. trudy TashGU no. 328:202-207 '67.

552(575.3)—Tajik S.S.R.

Characteristics of koolite clays of the Lower and Middle Jurassic of the southern slope of the Gissar Range. Sh. Baluyev. Dokl. AN Tadzh. SSR II no. 1:52-55 '62.

Distribution of lithium in rock-forming minerals of granitoids in the southern part of the Gissar Range. V. V. Negarovskii and others. Dokl. AN Tadzh. SSR II no. 1:50-51 '68.

552(58)—Polynesia and Micronesia

Inclusions of spinel peridotite in basalt of the Oahu Volcano (Hawaii Islands). V. G. Sakino and others. Dokl. AN SSSR 180 no. 1:190-201 May-June '68.

552(59)—Antarctica, South Polar regions

Petrographic composition of normal sediments in the eastern part of Queen Maud Land. V. I. Bardin, M. G. Ravich. Inform. biul. Sov. antark. eksp. no. 68:28-35 '68.

553 Economic geology. Minerals. Ores

Application of microanalysis in prospecting for titanium. B. T. Litvin. Razved. i okh. nedr. 31 no. 6:8-10 Dec '65.

Basic problems of industrializing field construction. N. L. Vovchenko. Stroitel'stvo, 13 no. 7:1-5 May '67.

Basic results of prospecting for nonferrous and rare metals in the seven-year plan and problems in the current five-year plan. A. S. Krut'kov, V. V. Popov. Razved. i okh. nedr. 32 no. 12:1-5 Dec '68.

Blotite-fluorite-borolith deposits in granite diorites. N. P. Zabolotnaya, M. I. Novikova. Geol. meol. red. elem. no. 3:71-126 '67.

Bohring sampling in prospecting for gold in deposits. P. N. Koshchuk, T. A. Nigai. Razved. i okh. nedr. 32 no. 6:14-16 Feb '68.

Characteristics of the cyclicity and distribution of coal in the cross section of some coal formations. M. I. Rittenberg. Dokl. AN SSSR 180 no. 1:160-162 May-June '68.

Characteristics of the distribution of germanium in pegmatite of a different origin. V. A. Vashurakov, N. V. Artyukov. Geokhimiya no. 2:141-147 Feb '68.

Chemical bleaching of koolite. V. S. Semenov, V. P. Batina. Nov. A. Lichinskaya. Russ. priro. no. 3:23-24 Mar '68.

Classification of amphiboles. E. S. Dobrokhodova. Biul. MOIP. Old. geol. 43 no. 1:97-111 Jan-Feb '68.

Compounds of iron in kaolins. V. V. Laptin, D. V. Tishchenko. Zhur. prikl. khim. 41 no. 3:677-670 Mar '68.

Conclusion. N. P. Zabolotnaya. Geol. meol. red. elem. no. 3:183-187 '67.

Conditions and practical significance of the amonization process implemented. Geol. meol. red. elem. no. 3:158-168 '67.

Conference on life in London. M. Shlempruk, I. Yancevski. Sov. geol. II no. 3:157-159 Apr '68.

Dependence of the optical properties of artificial hexagonal pyrochlores on their composition. I. A. Bryzgalov, A. D. Rakevich, I. V. Chernyshev. Dokl. AN SSSR 180 no. 4:952-954 Feb '68.

Design of oil-producing sediments. A. E. Kontorovich. Dokl. AN SSSR 179 no. 3:675-677 Mar '68.

Determination of phosphorus content by the method of spectrometric gamma logging. I. V. Ankeevskii and others. Razved. i okh. nedr. 32 no. 10:10-13 Oct '68.

Development of geological knowledge and expansion of mineral resources of the Armenian S.S.R. during the years of the Soviet regime. R. A. Arutunian and others. Izv. AN Arm. SSR. Nauka o zem. 20 no. 5:613-21 '67.

Diffusion theory of the formation of diagenetic halos of ore deposits. V. S. Golubev. Sov. geol. II no. 1:92-98 Jan '68.

Experimental revealing of the boundary of iron and low-titanium ores. I. F. Romanovich. Sov. geol. II no. 4:153-155 Apr '68.

First International Conference on Problems of Postmagmatic Ore Formation. V. V. Sichenkova. Geokhimiya no. 2:185-187 Feb '68.

Geochronology of rocks and ores. (Materials on the 7th All-Union Lithological Conference, 1965.) Geokhimiya osnovebnykh porod i rud. (Materialy VII Vsesoyuz. litol. konferentsii 1965 g.) Moskva, "Nauka," 1968. 442 p.

Geological conditions governing the occurrence of amonized granites. Geol. meol. red. elem. no. 3:7-18 '67.

Larzherskii, I. A. [Problems in the formation of borates] Voprosy formirovaniya boratov. Leningrad, "Nedra," 1968. 93 p.

Isolation of the process of defluorination of opaline concentrate. K. A. Karpovich. Khim. priro. Ukr. no. 1:7-9 Jan-Feb '68.

Interrelationship of the formation processes of amonized and the metamorphic alteration of granites. Geol. meol. red. elem. no. 3:18-20 '67.

L'vov, B. L. [Ways of treasures] Dorogi sokrovishch. Moskva, "Mysl'," 1967. 69 p.

Mineralogical composition, structure, and texture of zinc scales and causes of their formation. V. A. Zorina. Izv. vys. ucheb. zav. i nauch. zap. II no. 5:58-64 May '68.

[Metasomatism and other problems of physicochemical petrology] Metasomatizm i drugie voprosy fiziko-khimiicheskoi petrologii. Moskva, "Nauka," 1968. 382 p.

Methodology of prospecting for ancient metalliferous conglomerates. V. N. Oelopovskikh. Izv. vys. ucheb. zav. i nauch. zap. II no. 5:72-81 May '68.

Methodology of prospecting for epithermal gold ore deposits. V. I. Lozovskii. Razved. i okh. nedr. 32 no. 10:8-15 Oct '68.

Methodology of prospecting for hidden mineralization in the granulite region. O. I. Chernodubchenko, V. M. Barmstenko, V. S. Tokovenko. Geol. zhur. 28 no. 1:20-15 Jan '68.

Methodology of the correlation of ore undercuts in studies by the method of a charged body. P. I. Rollov. I. I. Komnenko. Razved. i okh. nedr. 31 no. 6:39-43 Ag '65.

Methodology of the economic evaluation of ore deposits. I. V. Il'inskiy. Razved. i okh. nedr. 31 no. 6:29-35 Dec '65.

Methods of calculating and comparing technical samples of rubble, gravel and sand from a multilayer strata. I. A. Tschepel'd. Razved. i okh. nedr. 31 no. 5:21-25 May '68.

Methods of compiling a registration-evaluation chart of ore-bearing territories. D. P. Boltch, V. V. Pankin. Inform. biul. Sov. antark. eksp. 34 no. 5:6-12 May '68.

Methods of determining the minimum content of commercial and waste rock. N. N. Sazonov. Izv. AN Izvlecheniye razved. i okh. nedr. 31 no. 5:16-20 May '68.

[Mineralogical thermometry and barometry] Mineralogicheskaya termometriya i barometriya. Moskva, "Nauka," 1968.

T. I. [Geochronology of subsurface mineral-forming solutions] Geokhimiya glubinykh mineralo-obrazovatel'skikh rastvorov. 1968. 307 p.

Muscovite-fluorite-baryllite deposits in the Altai-Kazakhstan region. N. P. Zabolotnaya, I. I. Kurbanova, E. P. Sipanov. Geol. meol. red. elem. no. 3:5-71 '67.

Nature of gold in ores of the Gay and Uchaly deposits. O. A. Lachko, T. K. Kirova. TSvet. met. 41 no. 2:7-8 Feb '68.

Nature of kerogen of the Carpathian molasse shales. A. I. Ginzburg, V. V. Bogdanov. Khim. i tekhn. uglek. 27:74-81 May-June '68.

New lithological-bearing formation. I. S. Galketskiy. Razved. i okh. nedr. 34 no. 5:3-5 May '68.

New data on the geochemistry of aluminum. A. N. Iozin. Geokhimiya no. 4:466-475 Apr '68.

New experimental and calculated data on the migration of lithium under supercritical conditions. A. A. Drozdovskaya, I. U. P. Mel'nik. Geokhimiya no. 4:482-490 Apr '68.

Oder as an indicator in prospecting for ores. V. I. No-konov. Razved. i okh. nedr. 32 no. 10:20-22 Oct '68.

Petrographic characteristics of amonized granites. Amonization and regulation of potassium feldspar. Geol. meol. red. elem. no. 3:20-30 '67.

[Petroleum geology, A handbook] Geologiya nefli. Spravochnik. Moskva, "Nedra," 1968.

T. Z. Kh. I. [Oil fields of the U.S.S.R.] Neftnyye mestorozhdeniya SSSR. Pol. razv. V. G. Vasil'eva. 1968. 763 p.

High plant production of flax seed (0.7 hectoliter of untreated "dudov" ore. A. I. Lebedev and others. Spr. tr. UNIM no. 12:95-74 '67.

Postmagmatic elago (according to I. S. Korzhinskii) in the deposits. I. P. Il'minovskiy. Izv. vys. ucheb. zav. i nauch. zap. II no. 5:92-97 May '68.

Problem of intermediate source rocks of gold. I. M. Tselislin. Sov. geol. II no. 2:120-132 Feb '68.

Prospecting for surface ore deposits. V. G. Garkovets. Razved. i okh. nedr. 32 no. 12:7-10 Dec '68.

Relation of amonization processes to rare metal mineralization. Significance of amonization granites as a prospecting indication and prognostic evaluation criterion. Geol. meol. red. elem. no. 3:52-56 '67.

Relation of magnetic anomalies to gold potential (Kolyvno basin). M. M. Bronshteyn, A. S. Karpova. Sov. geol. II no. 2:127-129 Feb '68.

Role of strong electrolytes in postmagmatic mineral-forming solutions. V. V. Kulinskii. Geokhimiya no. 2:181-193 Feb '68.

Some characteristics of the mineralogy of muscovite-fluorite-baryllite and blotite-fluorite-baryllite deposits. M. I. Novikova, V. T. Sakhin. Geol. meol. red. elem. no. 3:129-133 '67.

Some conclusions from geological observations. Experimental data. Geol. meol. red. elem. no. 3:20-36 '67.

Some features of the hydrothermal redistribution of chemical elements in microquartzites of ore-bearing carbonatitic formations. V. A. Shchegolev, A. M. Goranova. Nauch. trudy TashGU no. 328:215-220 '67.

Some geochemical characteristics of amonized granites. Regime of acidity-alkalinity in amonization processes. Geol. meol. red. elem. no. 3:30-32 '67.

Some problems in the theory of lavite formation. A. I. Krivtsov. Trudy VSEGEI 123:139-173 '67.

Salinization of alluvial ore by pumping. V. S. Sakhin and others. Khim. prom. Ukr. no. 1:15-17 Jan-Feb '68.

Tectonic and tectonometamorphic structures of ore zones and deposits. G. F. Iakubov. Sov. geol. II no. 3:5-22 Mar '68.

Tin-ore formations and their practical significance. E. A. Radkovich. Sov. geol. II no. 1:14-24 Jan '68.

Tungsten-bearing ore belts and mineralization epochs. A. M. Bychkova. Razved. i okh. nedr. 31 no. 8:1-7 Ag '68.

Use of core-drilling rigs in prospecting for placer deposits. I. I. Litvin. Razved. i okh. nedr. 31 no. 8:58-59 Ag '68.

Using geochemical methods of prospecting for micro-bearing pegmatites by primary dispersion ratios. Razved. i okh. nedr. 32 no. 12:11-17 Dec '68.

563(234)—Mountains of Europe

Copper in turf sediments of the Central Urals. M. N. Al'bov, I. I. Kostarev. Sov. geol. II no. 2:132-130 Feb '68.

Formational division of ultrabasic rocks of the Urals. I. D. Balykin, K. K. Zolotarev. Dokl. AN SSSR 180 no. 4:930-932 Dec '68.

Methodology for compiling prognostic maps of Mesozoic bauxites as revealed by a study made in the Urals and northwestern Kazakhstan. A. I. Krivtsov. Trudy VSEGEI 123:203-215 '67.

Metamorphism in Paleozoic rocks of the Eastern Ural anticlinorium. E.A. Vichirko. Sov. geol. II no. 1: 113-116 Ja '68.

553(235)—Mountains of Asia

Autigenic minerals in Tertiary Molasse of the Tien Shan. A. T. Taidukov. Nauch. trudy TashGU no. 123: 145 '67.

Behavior of iron in the process of low-temperature hydrothermal metamorphism as revealed by a study made on the Kyzyl-Dzhal intrusion (northern Tien Shan). L. L. Lenzova, N. S. Khasanova. Geokhimiya no. 2: 135-142 F '68.

Ironite deposit in the Lesser Khingan Mountains. N. T. Blokh, V. M. Nikolskii. Sov. geol. II no. 4: 147-147 Ap '68.

Effect of recent tectonics on the formation and preservation of rare metal places in the Khatanga Range. V. A. Litvinov. Sov. geol. II no. 2: 115-122 F '68.

Indigenous deposits of the Altai-Sayan fold area and characteristics of their distribution. A. N. Koz, V. V. Gruz, Trudy VSEGEI 133: 5-11 '68.

Find of late asbestos in the Onot late deposit. A. V. Kuznetsov, E. A. Kuznetsova. Sov. geol. II no. 4: 141-143 Ap '68.

Gold-bearing chalcidny-baryta veins in the Apaskan region (Saratovskiy Raion). V. S. Kuznetsov, V. M. Zhurav. Sov. geol. II no. 4: 145-146 Ap '68.

553(262.8)—Caspian Sea

Oxidation film of recent sediments of the Caspian Sea. V. I. Ingilrov. Biol. MOIP. Old. geol. 43 no. 1: 120-123 Ja '68.

553(470)—European U.S.S.R.

Copper and nickel mineralization in Upper Devonian terrigenous sediments of the southeastern part of Voronezh Province. A. S. Agapkin and others. Sov. geol. II no. 1: 122-125 Ja '68.

Scientific principles for the evaluation of prognostic reserves of molybdenum by a region of the northwestern U.S.S.R. T. A. Litukovskaya, V. A. Krasnina. Sov. geol. II no. 3: 78-88 Mr '68.

Thickness of the oxidation zone in the Polinskoye deposit of the Bakal ore field. L. V. Zador. Sov. geol. II no. 1: 119-122 Ja '68.

553(471.323)—Kursk Province

Determining the optimum structure of the ore balance in the Kursk Magnetic Anomaly Basin. S. V. Ilashovich and others. Shor. izv. NIIMI no. 12: 16-36 '67.

553(471.324)—Voronezh Province

Basic problems in the study of the nickel potential of the Voronezh Crystalline Massif. P. V. Villinov. Razved. i kkh. nedr. 32 no. 12: 6-11 P '68.

553(471.45)—Volgograd Province

Effect of the degree of halogenetic transformation of Paleozoic sediments in the Volgograd portion of the Volga Valley on the properties of oils. N. V. Lopatin. Dokl. AN SSSR 179 no. 3: 681-683 Mr '68.

553(471.54)—Sverdlovsk Province

Magnetite ore deposits of Pechorskoye in the Central Ural. A. I. Usenko. Geol. izv. 133 no. 4: 11-13 Ap '68.

553(471.65)—North Ossetian A.S.S.R.

Find of molybdenum as manifestation of the porphyry type in North Ossetia (Northern Caucasus). A. S. Melnikova. Izv. vyz. uchob. zav. i geol. i razv. II no. 5: 158-159 My '68.

553(474.2)—Estonian S.S.R.

Forms of the occurrence of lead in alluvial streams (Estonia). L. V. Antropova. Sov. geol. II no. 1: 66-77 Ja '68.

553(477)—Ukrainian S.S.R.

Geotillization of ferruginous quartzites of the Precambrian as revealed by a study made in the Krivoy Rog. N. A. Karmilov. Dokl. AN SSSR 180 no. 4: 937-940 F '68.

Investigating the metallurgical properties of Kremenchug deposit iron ores. I. S. Lyenko, O. S. Gnivolova. Shor. izv. NIIMI no. 12: 37-49 '67.

Structural conditions of the localization of a type of uranium deposit in Precambrian rocks. M. P. Ilchishnikov and others. Geol. zhur. 28 no. 1: 3-11 Ja '68.

553(477.6)—Donets Basin

Characteristics of the structure and conditions governing the formation of the manganese-bearing horizon of the Nikopol' deposit. V. G. Pivovarov. Sov. geol. II no. 3: 128-131 Mr '68.

Effect of fracturing coal seams on the gas content of the works and sudden ejections of coal and gas in the central regions of the Donets Basin. N. A. Origenko. Izv. vyz. uchob. zav. i geol. i razv. II no. 6: 80-91 My '68.

553(477.8)—Western Ukraine

Metallurgical characteristics of ancient formations of the Dniester Valley. L. I. Tkachuk, E. A. Zhovynskiy. Geol. zhur. 28 no. 1: 68-72 Ja '68.

Basaltic rocks as a raw material for the production of stone ceramics by extrusion. A. V. Abramyan, V. G. Abramyan, M. T. Melnikova. Stok. i ker. 25 no. 5: 37-39 My '68.

553(477.88)—Transcarpathia

Role of porosity in localizing hydrothermal mineralization of the Alpine geotectonic cycle in Transcarpathia. V. V. Naumenko, I. M. Koptukh. Geol. zhur. 28 no. 1: 57-62 Ja '68.

Tricitation exchange on Transcarpathian bentonite. O. I. Komlev, H. I. Tkha, M. I. Zhurav. Vysok. i. viv. un. Ser. khim. no. 8: 53-57 '65.

Use of Marky berberite for refining vegetable oils. O. I. Komlev, H. F. Derunova. Vysok. i. viv. un. Ser. khim. no. 8: 56-60 '65.

553(477.9)—Crimea

Korsh porous clay filters. I. S. Lukanov. Geol. zhur. 28 no. 1: 114-116 Ja '68.

553(479)—Caucasus and Transcaucasia

Mineral resources of the Caucasus. G. A. Komeltan. Sov. geol. II no. 1: 3-13 Ja '68.

Nature of changes in depth in sediments of the producing layer of the Azerbaizhan oil and gas area. G. I. Teodorovich, A. A. Chernov. Sov. geol. II no. 4: 83-93 Ap '68.

553(479.24)—Azerbaijan S.S.R.

Hydrogillite as an intermediate product of technological processing of alumina ore in the Kirovabad Aluminum Factory. Z. A. Azibekova, I. A. Babayev. Dokl. AN Azerb. SSR 23 no. 11: 31-35 '67.

Some problems of mineralization in the Dashkasan skarn-tren deposits. M. A. Kaskal, Dzh. A. Azadalliev. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 6: 27-34 '68.

Strolling of some cities of Azerbaijan in different media. S. A. Alekperova, L. Z. Khamatova, F. I. Khalilova. Uchi. zap. AGU. Ser. khim. nauk no. 4: 61-65 '66.

553(479.25)—Armenian S.S.R.

Characteristics of the distribution of selenium and tellurium in ores of the copper-molybdenum deposits of Armenian S.S.R. G. O. Pizhan. Izv. AN Arm. SSR. Nauk o zem. 20 no. 5: 81-85 '67.

Geochemistry of precious and some rare elements in pyrite and complex metal ore formations of the Armenian S.S.R. V. O. Paronikyan. Izv. AN Arm. Nauk o zem. 20 no. 5: 86-89 '67.

New type of thermal water in the Armenian S.S.R. A. L. Arakyan, O. A. Bozalan, A. A. Sarkisyan. Izv. AN Arm. SSR. Nauk o zem. 20 no. 5: 175-178 '67.

Role of placers in the solution of problems in the geology and metallurgy of the Armenian S.S.R. P. M. Partskhan. Izv. AN Arm. SSR. Nauk o zem. 20 no. 5: 179-184 '67.

Role of rubidium in the formation of basaltoid series rocks in Central Armenia. R. Gevorgian. Priro. Arm. 10 no. 2: 17-20 '68.

Some characteristics of the formation of secondary halos at the dispersion as revealed by a study made in the Martizetskiy complex metal deposit. A. G. Kocharian. Izv. AN Arm. SSR. Nauk o zem. 20 no. 5: 110-118 '67.

553(510.3)—Mongolian People's Republic

Khanika-Khenhor and Ovulg-Khudok new coal deposits in southern Mongolia and their characteristics. V. F. Cherepovskii. Sov. geol. II no. 2: 110-114 F '68.

553(523)—Japan

Structural and metamorphic relationships of the southern part of Sakhalin Island and Hokkaido Island and prospects for finding oil and gas. R. D. Rodnikova, K. M. Sevost'yanov, A. A. Tabolakov. Sov. geol. II no. 3: 49-63 Mr '68.

553(571)—Atlantic R.S.F.S.R.

Some geochemical characteristics of Cenozoic Molasse of the Eastern Chukotka Depression. Zh. M. Malysheva. Nauch. trudy TashGU no. 326: 147-148 '67.

Using electronic computers for the prognosis of the quality of petroleum. A. E. Kontorovich, A. H. Lavoginov, Z. N. Epshstein. Dokl. AN SSSR 180 no. 2: 425-427 My '68.

553(571.16)—Altai Territory

Methodology of geophysical studies during prospecting for copper and complex metal mineralization in metamorphic formations of the southwestern Altai. A. Sh. Bogdanov and others. Sov. geol. II no. 1: 108-106 Ja '68.

553(571.51)—Krasnoyarsk Territory

New type of gold mineralization in the Yenisey Range. I. L. Konov. Sov. geol. II no. 4: 143-144 Ap '68.

553(571.53)—Irkutsk Province

Copper potential of sedimentary formations in the southern part of the Siberian Platform. L. F. Narkellian, I. P. Bezrodnykh, M. A. Kulikov. Sov. geol. II no. 4: 58-69 Ap '68.

553(571.55)—Chita Province

Behavior of rubidium and tellurium in processes of auto-metamorphism in alkali granitoids of the Taynt Massif (central Transbaikalia). N. T. Voskresenskaya, V. I. Feldman. Geokhimiya no. 2: 128-131 F '64.

Structural characteristics of copper-molybdenum stockwork in eastern Transbaikalia. M. V. Smirnov. Izv. vyz. uchob. zav. i geol. i razv. II no. 5: 82-88 My '68.

553(571.56)—Yakut A.S.S.R.

Placer gold potential of the Viluy basin. V. I. Timoleev. Razved. i kkh. nedr. 31 no. 6: 1-5 Je '65.

Principles and methodology of charting medium-scale macrogenetic and prognostic maps of diamond placers in western Yakutia. M. I. Pionikova, O. G. Salyukov. Sov. geol. II no. 1: 78-81 Ja '68.

Prospecting for epithermal gold deposits in the north-eastern part of the U.S.S.R. R. H. Ormishov, A. S. Sindeev, E. K. Zhukovskiy. Sov. geol. II no. 3: 131-134 Mr '68.

553(571.6)—Soviet Far East

Contact metamorphism of granulite facies and its thermodynamics. I. N. Gvozdenko. Geol. i geofiz. 135-151 O '67.

Science and mineral resources of Siberia and the Far East. Geol. i geofiz. no. 10: 3-20 O '67.

Structural and metamorphic relationships of the southern part of Sakhalin Island and Hokkaido Island and prospects for finding oil and gas. R. D. Rodnikova, K. M. Sevost'yanov, A. A. Tabolakov. Sov. geol. II no. 3: 49-63 Mr '68.

553(571.63)—Maritime Territory

Quartz domes in the southern part of the Maritime Territory and its effect on the distribution of ore deposits. I. U. A. Papanin. Sov. geol. II no. 1: 110-118 Ja '68.

553(571.65)—Mugadan Province

Methodology and reliability of prospecting for rare earth deposits of the vein type as revealed by a study made in the Ishkhan (Mugadan) deposit. P. Z. Arshin. Sov. geol. II no. 3: 89-98 Mr '68.

553(571.651)—Chukchi National District

Mineralogical characteristics and genesis of the Chukchi akon mercury deposit in the Chukchi District. E. P. Kim, L. P. Tsvetkov. Sov. geol. II no. 1: 115-117 Ja '68.

553(574)—Kazakh S.S.R.

Carboniferous sediments of the northern part of the Turgay Gates. A. S. Pospelova. Trudy VSEGEI 133: 5-24 '67.

Genetic and commercial types of asbestos deposits in Kazakhstan. N. N. Volynnikov. Izv. AN Kazakh SSR. Ser. geol. 25 no. 2: 1-11 Mr '68.

Geological position of ultrabasic of the Irtysh Valley (southeastern Turgy). L. I. Kiselyov, A. P. Piskunov. Trudy VSEGEI 133: 113-121 '67.

Geology and conditions governing the occurrence of coal-bearing sediments of the Irtysh deposit. A. M. Duvanin. Trudy Inst. geol. nauk. AN Kazakh SSR 23: 125-145 '68.

[Geology and metallogeny of the Uspenskoye terrane in Central Kazakhstan]. In 6 volumes. Geologiya i metallogeniya Uspenskoye tektonicheskoy zony. (Tselnyy, Kazakhstan). V. 6-11. Red. R. A. Borukov, G. M. Shcherba. Alma-Ata, "Nauka."

T. 4. [Hydrogeology and hydrochemistry]. Geologiya i gidrokhimiya. 1968. 168 p.

Horizontal zonality of the distribution of basic ore-forming components of the Arkalyk bauxite deposits. G. R. Kirpal. Trudy VSEGEI 133: 170-170 '67.

Mineralogy for compiling prognostic maps of bauxite deposits as revealed by a study made in the Arkalyk bauxite deposits in the southwestern Kazakhstan. A. I. Litvinov. Trudy VSEGEI 133: 203-215 '67.

Outline of the distribution of Mesozoic coal-bearing sediments in Kazakhstan. O. L. Khushev. Trudy vyz. uchob. zav. i geol. i razv. AN Kazakh SSR 23: 3-15 '68.

Some characteristics of the distribution of molybdenum in granitic intrusions of the eastern part of the Turgay Gates. V. I. Shabatovskiy. Trudy VSEGEI 133: 174-170 '67.

Subsurface structure and prospects for finding oil and gas in the Paleozoic of northern Ustyurt. A. A. Baidarov, R. I. Rykov, V. P. Gavrilov. Sov. geol. II no. 3: 11-16 P '68.

Variant of the suite of cadasters of petroleum and gas deposits in Kazakhstan. V. Q. Salgaralov and others. Izv. AN Kazakh SSR. Ser. geol. 25 no. 2: 44-45 Mr '68.

Zonality of primary halos of associated minerals of gold ore deposits in Kazakhstan. M. S. Kutanayev, G. A. Qusmanov, B. M. Iskhlyev. Izv. AN Kazakh SSR. Ser. geol. 25 no. 2: 31-42 Mr '68.

553(576)—Central Asia

Age and characteristics of the distribution of gold mineralization in Central Asia. L. Z. Paley. Sov. geol. II no. 3: 125-128 Mr '68.

Phosphorite potential of the Paleozoic of Central Asia. V. A. Kopylov, G. Enkhtiliev. Nauch. trudy TashGU no. 326: 149-153 '67.

Prospects for finding potassium in halogen formations of Central Asia. V. S. Popov, V. A. Ponomareva, F. I. Ildanbayev. Nauch. trudy TashGU no. 326: 156-157 '67.

Prospects of halogen formations of Central Asia. V. S. Popov. Nauch. trudy TashGU no. 326: 154-156 '67.

Veauvianite from skarned rocks of Central Asia and their chemical constitution. D. P. Serdyukov and others. Dokl. AN SSSR 180 no. 2: 452-455 My '68.

553(576.1)—Uzbek S.S.R.

Metamorphism of the Paleozoic and Cenozoic metamorphic formations of the Fergana Depression. S. D. Makarov and others. Nauch. trudy TashGU no. 324: 132-136 '67.

Our wealth is incalculable. A. Kartmov, S. Samatov. Ekon. i zhizn' 10 no. 4: 24-28 Ap '68.

Pliocene-Quaternary continental salt accumulation in the desert regions of Uzbekistan. I. V. Rukhovich. Nauch. trudy TashGU no. 326: 151-157 '67.

Some characteristics of the distribution of molybdenum in Cretaceous formations of the southwestern Kazakhstan and Zhetysay-Zhetysay Mountains. I. D. Kapustinskii. Nauch. trudy TashGU no. 326: 191-201 '67.

What is more profitable? Z. Khodzhaev. Ekon. i zhizn' 10 no. 3: 17-18 Mr '68.

553(576.2)—Kirghiz S.S.R.

Sarydzhas tin ore deposit. T. P. Ushina, S. Doolmatov, K. Sydykov. TSvet. met. 41 no. 2: 73 F '68.

Ashtigendic minerals, subsurface diagenesis, and starting metamorphism of Jurassic terrigenous formations of the southern slope of the Gissar Range. M. A. Abiev. Nauch. trudy TashGU no. 320:208-214 '67.

553(575.3)—Tajik S. S. R.

Madaliev, M. M. [Mineral resources of Tajikistan] Bogalovskiy near Tadzhikistan. Dushanbe, "Irfon," 1967, 54 p.

553(575.4)—Turkmen S. S. R.

Hydrogeological and hydrogeochemical conditions in central and southeastern Turkmenia and their role in the migration of some elements with variable valence R. I. Gol'dshein. Nauch. trudy TashGU no. 326:162-169 '67.

Lithology and titanium placers of Molasse suites of Turkmenia. A. M. Sedykh. Nauch. trudy TashGU no. 320:123-131 '67.

553.9 Carbonaceous mineral deposits

Classification of pools containing oil and free gas. V. N. Samarina. Nauch. i tekhn. sbor. po dub. nefti no. 33:10-14 '68.

Effects of the interaction of fluids confined to a single water-drive reservoir system. S. N. Nazarov. Izv. vyz. uchob. zav. i nauch. i gaz. II no. 1:30-42 '68.

Gas showings in hydroelectric power plant sites of the Lower Dnieper. A. F. Zabolotkiy. Gidr. stroy. 36 no. 8:10-12 Ag '68.

General plans for oil and gas prospecting operations as basic prerequisites for the economically founded preparation of reserves. E. P. Prolov. Nauch. i gaz. prom. no. 3:11-13 My-Je '68.

Kosiluk, N. S. [Physics of peat] Fizika torfa, Minak, "Vysshaya shkola," 1967, 213 p.

Value of the bitumen potential of alkali and ultrabasic rocks from the northern part of the Siberian Platform. I. S. Gol'dberg, K. A. Chernikov. Geokhimiya no. 4:478-482 Ap '68.

Relationships between the composition of formation waters and oil-gas complex. Kh. A. Ilavikovich. Nauch. trudy TashGU no. 326:173-181 '67.

Studying the effect of clay material on the electric conductivity of oil-saturated terrigenous rocks. N. N. Rumyantsev. Neftogaz. geol. i geofiz. no. 3:30-40 '68.

Temperature field of an oil reservoir in the presence of forced convection and a moving seal of combustion. D. D. Sakharov. Izv. vyz. uchob. zav. i nauch. i gaz. II no. 4:43-45 '68.

Thickness of the clay cover as a factor determining the height of hydrocarbon pools in a trap. A. A. Plotnikov. Neftogaz. geol. i geofiz. no. 3:10-21 '68.

Thin solid bitumens in uranium deposits. A. I. Zubov, G. N. Kotelnikov. Atom. energ. 24 no. 0:314-319 Je '68.

553.0(471.13)—Komi A. S. S. R.

First reef oil pool in the Upper Devon of the Timan-Pechora region. M. M. Grachevskiy, I. T. Dzhovskiy, V. K. Lushchunok. Neftogaz. geol. i geofiz. no. 3:14-18 '68.

553.0(471.41)—Tatar A. S. S. R.

Changes in the ideas about the geological structure of pools depending on the number of drilled wells. B. T. Rastetov, R. V. Polikarpova. Nauch. i tekhn. sbor. po dub. nefti no. 33:24-28 '68.

553.0(471.6)—Ural regions

Regularities of the stratigraphic distribution of oil and gas pools in the eastern regions of the Ural-Volga area. S. F. Fedorov, K. E. Dimova, A. A. Posinikov. Neftogaz. geol. i geofiz. no. 3:7-11 '68.

Some data on the structure of the cis-Ural Trough in connection with gas prospecting operations. I. A. A. Berelov, N. F. Medvedev, I. U. I. I. A. Kovlev. Neftogaz. geol. i geofiz. no. 3:3-6 '68.

553.0(471.63)—Bashkir A. S. S. R.

Some results of studying interstitial space in the Shakh-Tau reef (Bashkir cis-Ural region). I. A. N. Perkhova. Neftogaz. geol. i geofiz. no. 3:11-14 '68.

553.0(471.62)—Krasnodar Territory

Studying regularities of changes in the porosity and permeability of pools in the types IV - V horizons of the Akhtyrskoye-Bugundyr field. O. K. Obukhov. Nauch. i tekhn. sbor. po dub. nefti no. 33:34-38 '68.

553.0(477)—Ukrainian S. S. R.

Effect of lithological composition of rocks on the nature of dependence of petroleum saturation on reservoir properties: as revealed by a study made in the Chidni oil field. V. I. Sanchenko. Geol. zhur. 28 no. 1:60-62 Ja-F '68.

New data on Devonian sediments in the Chernigov region and prospects for finding oil and gas. O. D. Ilychenko, V. K. Gavrilish, V. R. Litvinov. Geol. zhur. 28 no. 1:62-84 Ja-F '68.

553.0(477.6)—Donets Basin

Main accretion horizons in the upper stage of oil and gas occurrence in the Dnieper-Donets Lowland. O. D. Bilyk, R. F. Sukhorukil. Nauch. i gaz. prom. no. 3:4-8 My-Je '68.

553.0(477.9)—Crimea

Brief review of the geological structure of the Kerch Peninsula in connection with prospecting for oil and gas fields. V. A. Gordovskiy. Nauch. i gaz. prom. no. 3:6-8 My-Je '68.

553.0(478.24)—Azerbaijan S. S. R.

Analyzing the data of the exploitation of oil rings of gas condensate pools in the Apsheron Peninsula region: pool in the VII horizons of the Karadag field. S. R. Kotmandan and others. Izv. vyz. uchob. zav. i nauch. i gaz. II no. 4:37-42 '68.

Geological structure of the Kamen' Uchalya Upland (Dzhayrankechmaz-Kura Archipelago) and prospects for finding oil and gas. Ch. A. Khalilov and others. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 6:12-17 '67. Solving the problems of separating formations into oil- and water-bearing layers by the multidimensional regression analysis: an exemplified by sediments of productive strata to the Kyurovdag field. M. M. Ellankit, A. M. Ratman. Izv. vyz. uchob. zav. i nauch. i gaz. II no. 1:13-16 '68.

553.0(571)—Asiatic R. S. F. S. R.

[Geology and oil and gas potentials of the central part of the West Siberian Plain] Geologiya i neftegazovosnost' tsentral'noi chasti Zapadno-Sibirskogo nizmennosti. Moskva, "Nauchn," 1968, 143 p.

Using electronic computers for the prognosis of the quality of petroleum. A. K. Komarov, A. D. Lugovtsov, E. N. Epikhin. Dokl. AN SSSR 190 no. 2:425-427 My '68.

553.0(571.12)—Tyumen' Province

Effect of the grading factor of a reservoir on its capacity characteristics. S. N. Grigor'ov. Izv. vyz. uchob. zav. i nauch. i gaz. II no. 1:9-11 '68.

553.0(571.6)—Soviet Far East

Basic trends in oil and gas prospecting in the Far East. K. M. Sevast'yanov, A. S. Kuratov. Sov. geol. II no. 2:102-107 F '68.

553.0(574)—Kazakh S. S. R.

Usefulness of productive sediments horizons XIII to XVIII of the Uzen' field. N. E. Bykov and others. Neftogaz. geol. i geofiz. no. 3:24-28 '68.

Oil and gas potentials of the Turgay Gates. O. M. Tolstov. Trudy VSEGEI 123:122-130 '67.

56 PALEONTOLOGY. FOSSILS

Biostratigraphy of the Middle Cambrian of the U. S. S. R. N. E. Chernysheva. Trudy VSEGEI 143:128-140 '68.

Classification of otomites. V. A. Kravtsov. Paleont. zhur. no. 1:102-109 Ja-Mr '68.

Methodology of the correlation and determination of the age of different facies sediments. I. M. Pokrovskaya. Trudy VSEGEI 143:31-38 '68.

Methods of biofacies analysis (theses). B. P. Markovskiy. Trudy VSEGEI 143:68-70 '68.

Ninety-fifth birthday of Nikolai Nikolaevich Zakrevskiy, oldest member of the Geological Committee of the All-Union Scientific Research Institute. Corresponding Member of the Academy of Sciences of the U. S. S. R. V. I. Nekhoroshev. Trudy VSEGEI 143:5-10 '68.

56(471.5)—Ural regions

Malakhova, N. P. [Fauna in metamorphic rocks of the Ural] Fauna v metamorficheskikh porodakh Urala. Sverdlovsk, 1967, 145 p.

56(477)—Ukrainian S. S. R.

Biostratigraphic characteristics of cross sections of Oligocene sediments in the northern part of the Black Sea region. A. O. Vasotov and others. Geol. zhur. 28 no. 1:67-103 Ja-F '68.

56(470.23)—Georgian S. S. R.

Stratigraphy of Lower and Middle Miocene sediments of Lichkuma. G. D. Anantashvili. Trudy Gool. inat. AN Gru. SSR no. 15:81-123 '67.

Stratigraphy of Lower Jurassic sediments in southwestern Georgia. V. I. Zestvili. Trudy Gool. inat. AN Gru. SSR no. 15:5-25 '67.

56(571.61)—Krasnoyarsk Territory

Comparison of cross sections of Middle Jurassic sediments of the Borodinsk and Porogovsk coal deposits. E. M. Markovskiy. Sov. geol. II no. 1:186-191 Ja '68.

56(574)—Kazakh S. S. R.

Carboniferous sediments of the northern part of the Turgay Gates. A. S. Pospelova. Trudy VSEGEI 123:5-24 '67.

Spore-pollen complexes of Upper Jurassic complexes of southern Kazakhstan. O. V. Sakulova. Trudy Inst. geol. nauk. AN Kazakh. SSR 23:119-124 '68.

Spore-pollen complexes of Upper Jurassic sediments of eastern Kazakhstan. E. I. Murakshovskaya. Trudy inat. geol. nauk. AN Kazakh. SSR 23:111-118 '68.

561 Systematic paleobotany

Creation of spore releases in connection with the development of the methodology for isolation of single spore and pollen grains. E. A. Olizbar. Paleont. zhur. no. 1:122-126 Ja-Mr '68.

Microscopic fungi as an object of paleontological studies. P. A. Popov. Mik. i koptat. I no. 2:168-183 '67.

Sporogenesis of the Late Devonian fern *Phacophyton incurtum*. T. A. Iushchenko, N. L. Sorokina. Paleont. zhur. no. 1:110-114 Ja-Mr '68.

561(571)—Asiatic R. S. F. S. R.

Spores of some new species of the families Davalliaceae and Aspidiaceae from the Upper Cretaceous-Paleogene of Western Siberia. A. V. Skuratenko. Paleont. zhur. no. 1:115-121 Ja-Mr '68.

561(574)—Kazakh S. S. R.

Lower Mesozoic flora of eastern Kazakhstan. E. R. Orlovskaya. Trudy inst. geol. nauk. AN Kazakh. SSR 23:64-80 '68.

Rzhakova, L. N. [Palynological characteristics of the Paleogene and Neogene of the Zaysan Depression] Palynologicheskaya kharakteristika paleogena i neogena Zaisanskoi vpadiny. Alma-Ata, "Nauka," 1968, 224 p.

562 Systematic paleozoology

Case of homeomorphy in Foraminifera. T. N. Gorbachik. Paleont. zhur. no. 1:3-10 Ja-Mr '68.

Genus *Cynothecia* (Heterocera). G. K. Melnikova. Paleont. zhur. no. 1:11-17 Ja-Mr '68.

Genus *Tridolops* and its historical development. G. V. Kopaevich. Paleont. zhur. no. 1:18-26 Ja-Mr '68.

Magnesium content in calcite rostra of *Helemtella* as an indicator of temperature in habitats in the Cretaceous seas of the U. S. S. R. T. S. Berlin, A. V. Kraukov. Trudy VSEGEI 143:59-68 '68.

Morphology of Triplestidae (Brachiopoda). S. S. Lazarev. Paleont. zhur. no. 1:132-136 Ja-Mr '68.

New order of Paleozoic Bryozoa. N. A. Shishova. Paleont. zhur. no. 1:120-132 Ja-Mr '68.

New specific names for Foraminifera. Z. A. Antonova. Paleont. zhur. no. 1:127-129 Ja-Mr '68.

Phylogeny of insects and paleontological data. B. R. Rodendorf. Ent. obozr. 47 no. 2:322-342 '68.

Phylogeny of representatives of the family Placophyllidae (Gastropoda). G. K. Melnikova. Dokl. AN Tadzh. SSR II no. 1:59-61 '68.

Structure of the brachiopod apparatus in Brachiopoda of the order Pentamerida. N. I. Kul'kov. Dokl. AN SSSR 180 no. 4:863-866 Je '68.

Systematic position of the genus *Palaeocytheridea*. P. S. Lyubimova. Paleont. zhur. no. 1:136-139 Ja-Mr '68.

Systematics of the Pentamerida group (Crustacea). G. A. Stukalina. Paleont. zhur. no. 1:161-64 Ja-Mr '68.

Taxonomic position and scope of the genus *Gusarella* (Brachiopoda). T. L. Prizrovskaya, G. F. Pozhar'skaya. Paleont. zhur. no. 1:27-36 Ja-Mr '68.

562(235)—Mountains of Asia

Yund of armored fish in the northern Tien Shan. V. A. Grishchenko. Dokl. AN SSSR 178 no. 3:666-687 Mr '68.

562(262)—Mediterranean Sea, including Adeltic and Aegean Seas

Distribution of Ammonoidea in the seas of the Carboniferous and the problem of the ancient Mediterranean basin. I. S. Librovich. Trudy VSEGEI 143:154-170 '68.

562(470)—European U. S. S. R.

New genus of small reptiles from the Triassic of the Don Lake. V. G. Ochev, S. I. Ilykov. Paleont. zhur. no. 1:140-141 Ja-Mr '68.

562(471.45)—Volgograd Province

New Devonian ostracods of the family Drepanolittidae from Volgograd Province. A. P. Shishkinakova. Paleont. zhur. no. 1:36-46 Ja-Mr '68.

562(471.62)—Bashkir A. S. S. R.

Late Permian ostracode of Bashkiria. N. M. Kochetkova. Paleont. zhur. no. 1:18-27 Ja-Mr '68.

562(471.6)—Northern Caucasus

Middle Cambrian trilobites of the Northern Caucasus. N. E. Chernysheva. Paleont. zhur. no. 1:71-80 Ja-Mr '68.

562(477)—Ukrainian S. S. R.

New species of the representative genus *Quadratediceras* of the Kellway in the region of the Kanov dislocation. O. V. Paryshev. Geol. zhur. 28 no. 1:103-107 Ja-F '68.

562(477.6)—Donets Basin

Blocks with Annelid passages from Upper Visean sediments of the Western Donets Basin. N. I. Lazarenko. Vost. zool. 2 no. 2:73-76 Mr-Apr '68.

562(477.9)—Crimea

Some new types of Nodoceras from Berritina and Valangian sediments of the Crimea. V. Venkatachalapathi. Biol. MOIP. Otd. geol. 43 no. 1:83-90 Ja-F '68.

562(470.23)—Georgian S. S. R.

Materials of the stratigraphy and fauna of the Cretaceous volcanic formation of the Adzhar-Trialet fold system. E. V. Kotelnikov. Trudy Geol. inat. AN Gru. SSR no. 15:26-63 '67.

Primitive ox in the Hippurion fauna of Udaabno (eastern Georgia). N. I. Burdakov-Abramovich, E. G. Galushvili. Paleont. zhur. no. 1:144-148 Ja-Mr '68.

Some mollusks and bivalves from Upper Cretaceous sediments of Georgia. R. A. Gambashidze. Trudy Geol. inat. AN Gru. SSR no. 15:64-80 '67.

562(470.24)—Azerbaijan S. S. R.

Cardiidae of Akchagy sediments in the Shemakhi region of Azerbaijan. A. D. Baba-zade. Dokl. AN Azerb. SSR 23 no. 11:26-30 '67.

562(571)—Asiatic R. S. F. S. R.

Trilobites of the May stage from the northern part of the Siberian Platform. I. I. Egorova, V. E. Savitskiy. Paleont. zhur. no. 1:58-70 Ja-Mr '68.

562(571.15)—Altai Territory

Small mammals of the Neogene and Quaternary of the Rudnyy Altai. O. D. Mos'kina. Paleont. zhur. no. 1:141-144 Ja-Mr '68.

562(571.52)—Tuva A. S. S. R.

Terrestrial invertebrates of the Tuva. A. A. Tuva. Trudy AN SSSR, 12:250-255 '67.

562(574)—Kazakh S. S. R.

New leaves of grasses from the Kazakh S. S. R. Botany. Bot. zhurn., 52:123-124 '67.
New leaves of grasses from the Kazakh S. S. R. Botany. Bot. zhurn., 52:123-124 '67.

562(59)—Antarctica. South Polar regions

New data on the distribution of the Antarctic Peninsula. A. A. Tuva. Trudy AN SSSR, 12:250-255 '67.

57 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES

571 Prehistoric man (archaeology)

Korzyuk, P. V. [Contemporary philosophical anthropology. Some problems and guiding principles.] Sovremennaya filosofskaya antropologiya. (Nekotorye problemy i napravleniya). [Moskva] Izd. Mosk. un-ta, 1967, 88 p.

574 General biology

[Biology] Ref. zhurn.: Biol. no. 8 Apr '68.

[General biology. A manual for the 10th grade of high school.] Obshchaya biologiya. Ucheb. posobie dlia X klassa sred. shkoly. Pod red. I. I. Polianskogo. Izd. 3-e. Moskva, "Prosveshchenie," 1968, 304 p.

Magdonich, M. R. [The brain and life. Biology.] Muzg i zhizn'. Biologiya. Perm', Kn. izd., 1967, 57 p.

Nikolai Ivanovich Vavilov. Vstupit. stat'ia A. A. Fedorova. Bibliogr. sost. R. I. Goriachev. I. I. M. Zhukov. Moskva, "Muzka," 1967, 130 p. (Materialy k biobibliografii uchenykh SSSR. Seriya biol. nauk. Genetika. Vyp. 1).

Functional taxonomy. B. A. Vainshteyn. Zhurn. ob. biol., 21 no. 2:151-167 Mr-Apr '68.

Scientific General Assembly of the International Union of Biological Sciences. M. S. Giklov. Zhurn. ob. biol., 21 no. 2:156-157 Mr-Apr '68.

Supplements. Biol. Zhurn. Ob. biol., 22 no. 6:140-153 N-D '67.

574(479.24)—Azerbaijan S. S. R.

Biological sciences in the Academy of Sciences of Azerbaijan and the 50th anniversary of the Great October Revolution. Izv. AN Azerb. SSR Ser. biol. nauk no. 3:1-5 '67.

575 Genetics. Evolution

[Advances in modern genetics.] Uspeshi sovremennoi genetiky. Moskva, "Nauka," Vyp. 1, 1967, 277 p.

Brief notes. Biol. Zhurn. Ob. biol., 72 no. 6:138-140 N-D '67.

Changes in size and number of cells in relation to the increase of body dimensions in deep sea animals as exemplified by Isopoda (Crustacea). I. S. Zharkova. Zhurn. ob. biol., 21 no. 2:168-176 Mr-Apr '68.

First trials of the electrophysiological characteristics of corn mutation. V. N. Lysikov, S. N. Makhobrov. Trudy Kish. sel'sk. khoz. inst., 45 no. 3:16-20 '67.

Genetic transcription. G. P. Georgiev. Priroda no. 6: 66-75 '68.

Inadvisable in univocal twins occurring simultaneously in different cities. G. Z. Levin. Zhurn. novykh tekhn., 29 no. 2:155-158 '68.

Sex chromatin in blood leucocytes in Down and Turner syndromes. V. V. Ruskikh, A. V. Medvedev. Zhurn. novykh tekhn., 29 no. 2:237-243 '68.

Study of the action of chemical mutagens on some biological objects by the electronic paramagnetic resonance method. V. N. Lysikov and others. Trudy Kish. sel'sk. khoz. inst., 46 no. 3:12-15 '67.

575(471.22)—Karelian S. S. R.

Inheritance of some milk components in cows of the red-piglet Swedish breed. E. P. Korzanova. Uch. zap. Petrozav. gos. un., 14 no. 3:18-21 '68.

Redness of a herd of brown Latvian cattle on the collective farm named after Zaitsev. A. A. Raikov, T. V. Lefanova, T. M. Korzanova. Uch. zap. Petrozav. gos. un., 14 no. 3:40-45 '68.

575(474.5)—Lithuanian S. S. R.

Work of the institutions of biological sciences of the Academy of Sciences of the Lithuanian S. S. R. in 1966. Trudy AN Litu. SSR. Ser. V no. 3:163-176 '67.

578.1 Origin and creation of life

Biologic and taxonomic systems. G. I. Shkrobalov. Zool. zhurn., 47 no. 6:916-931 Je '68.

Complex taxonomic analysis of the species as exemplified by some forms of the genus Microtus. M. N. Meter. Zool. zhurn., 47 no. 6:850-859 Je '68.

Conservative and dispersive types of evolution in bird populations. A. S. Mal'chevskii. Zool. zhurn., 47 no. 6: 833-842 Je '68.

Demeritability of sibling species as exemplified by leaf beetles (Coleoptera, Chrysomelidae). L. N. Medvedev. Zool. zhurn., 47 no. 6:843-849 Je '68.

Ecologic specialization and form formation in oribatoid mites. D. A. Krivonozhskii. Zool. zhurn., 47 no. 6:820-827 Je '68.

Effect of nutrition function on the epithelial intestinal formation in vertebrates. Report No. 1. Primary water. G. A. Gamed'vskii. Vest. zool., 2 no. 2: 3-15 Mr-Apr '68.

Growth rate and brain size in fish: a contribution to the problem "species and intraspecific categories in different classes of vertebrates." S. S. Sidorov and others. Zool. zhurn., 47 no. 6:901-915 Je '68.

In defense of species as a finite taxon. P. V. Terent'ev. Zool. zhurn., 47 no. 6:887-900 Je '68.

Morphophysiological criterion of evolutionary transformation in bird populations. L. N. Dobrynin. Zool. zhurn., 47 no. 6:815-819 Je '68.

Objectivism and reality in higher taxonomic categories. O. I. Kryzhanovskii. Zool. zhurn., 47 no. 6:828-842 Je '68.

Practical methods of systematics and the problem of species criterion. I. A. Starobogatov. Zool. zhurn., 47 no. 6:875-886 Je '68.

Relationship between the clinal variability and species structure. V. N. Dol'shakov. Zool. zhurn., 47 no. 6: 887-895 Je '68.

Relative stability of the species and some problems of taxonomy. G. V. Nikol'skii. Zool. zhurn., 47 no. 6:880-874 Je '68.

578.2 General morphology and physiology

At the Eighth Conference on Age-Related Morphology and Biochemistry. A. A. Volkovich, V. S. Zenzarov. Probl. evok., 14 no. 3:123-123 My-Je '68.

Determination of the functional activity of the thyroid gland in animals by means of radioactivity in comparison with data of morphological analysis. S. A. Pustelnikov, V. A. Gumeny, I. I. Deglerov. Trudy Semipal. mod. inst., 4:114-120 '68.

Effect of ether anesthesia combined with aminazine and dicrotonol on the functional state of the physiological system of connective tissues. S. Sh. Sharipov. Trudy Semipal. mod. inst., 4:115-116 '68.

Effect of temperature and nitrogen source on the lipid biosynthesis by yeast grown on N-alkanes. K. P. Greshnykh and others. Mikrobiologiya 37 no. 2:251-254 Mr-Apr '68.

Functional state of the physiological system of connective tissue in the dynamics of potentiated general osteoarthritis. S. Sh. Sharipov. Trudy Semipal. mod. inst., 4:117-118 '68.

Pathomorphological changes in laboratory animals following multiple subcutaneous introduction of atropine sulfate and atropine sulfate. K. O. Qulbaev, I. S. Grebnev. Trudy Semipal. mod. inst., 4:119-125 '68.

578.3 Cytology

Acetaminophenol protein of cell membranes of the kidney. B. A. Tashirov, A. G. Khalilov, P. P. Pashkova. Uzb. biokhim. zhurn., 48 no. 2:156-159 '68.

Changes in the nucleolus of fibroblasts of hypophysectomized myocardium of a rat in response to block of RNA synthesis. A. L. Snopce. Dokl. AN SSSR 188 no. 1: 254-256 My-Je '68.

Changes in the ultrastructure of macrophages of guinea pigs in the process of phagocytosis. V. I. Selezneva, V. M. Kuznetsov. Tsihologiya 10 no. 5:553-555 My '68.

Cytological foundations of the variability of atropomyces. I. Khorvath, G. Torok, A. Ocseny. Mikrobiologiya 37 no. 3:482-487 My-Je '68.

Cytology of imprints of the wound surface following the removal of cerebral tumors. G. P. Burgman, S. M. Deglerova, A. A. Mal'chevskii. Vop. neirokhim., 32 no. 2:38-41 Mr-Apr '68.

Differentiation of nuclei in Penicillium nigricans Thom. M. A. Malkov. Mikrobiologiya 37 no. 2:312-315 Mr-Apr '68.

Effect of ecologic plant cultivation conditions on the frequency of chromosome aberrations in gamma irradiated barley. M. I. Nuzhdin, N. A. Pashchenko-Strolov. Dokl. AN SSSR 188 no. 4:993-995 Je '68.

Effect of pyromycin on different phases of egg division in sea urchin. A. I. Zolot. Dokl. AN SSSR 188 no. 2: 504-511 My '68.

Electron microscopic study of ribosomal complexes in ultrathin sections of the rat thyroid gland tumor. N. P. Dmitrieva. Tsihologiya 10 no. 5:548-552 My '68.

Evolution of cell populations in rat rhinobiosarcomas. Report No. 1. Cell elements. I. N. Shremberg, I. U. B. Vakhin. Tsihologiya 10 no. 5:581-585 My '68.

Evolution of cell populations in rat rhinobiosarcomas. Report No. 2. Variability during transplacental. I. U. B. Vakhin, I. N. Shremberg. Tsihologiya 10 no. 5:587-595 My '68.

Colberg, E. D. [Materials on the biological role of the reticular cells in acute radiation sickness.] Materialy o biologicheskoi roli retikulinykh kletok koshnogo morgan pri ostro izluchevom bolezni. Tomsk, Izd. Tomskogo un-ta, 1967, 93 p. 52 illus.

(DNLM)

Isolation and some properties of nuclear membranes in animal cells. K. A. Porovoshchikova and others. Tsihologiya 10 no. 5:573-580 My '68.

Karyological study of some Monogonous species of the genus Diplodon. I. U. Korolova. Dokl. AN SSSR 170 no. 3:739-741 Mr '68.

Nuclear apparatus of Pircularia oryzae Br. of Cav. in ontogeny. L. K. Bagatdinova, N. V. Matakevich. Mik. 1 Mitop. 1 no. 2:129-139 '67.

Ontogenetic polyplidy in caryoplastic tissues of grammonous plants. E. E. Ivanovskaya. Izv. AN SSSR. Ser. biol. no. 4:507-516 Ji-Apr '68.

Phenomenon of spatial relationship of homologous chromosomes in the nuclei of somatic cells of sea urchin. D. S. Oshchepkov, I. L. Gol'dman, V. Kh. Necheporenko. Dokl. AN SSSR 188 no. 4:874-877 Je '68.

Phosphorylation-oxidation coefficient of the plant. I. A. Rogacheva. Prirod. razn., 14 no. 1: 1-6 Je '68.

Procurator cells for osteogenic and mesenchymal. Analysis of heterophilic transplants. A. I. Fridlender and others. Trudy AN SSSR 170 no. 3:557-567 My '68.

Quantitative determination of DNA in embryonic plants in frog following Kosterovitch. Dokl. AN SSSR 170 no. 3:568-572 My '68.

Note of cell nuclei and cytoplasm in chick embryo heart. N. V. Salomov. Zhurn. ob. biol., 21 no. 2:220-221 Mr-Apr '68.

Spatial distribution of chromosomes of somatic human tissues. Report No. 1. I. Gol'dman and others. Trudy AN SSSR 170 no. 3:568-572 My '68.

Synchronization of Bacillus licheniformis and its cytological investigation. Kaptanova, N. T. Zolotareva. Mik. 1 Mitop. 1 no. 2:129-139 '67.

Transformation of circulating human in tissue culture. I. L. Gol'dman, Dokl. AN SSSR 170 no. 3:704-712 Je '68.

578.7 General histology and cytology

Association between phagocytic and level of a single neuron of the rat. I. G. Vainov and others. Zhurn. ob. biol., 21 no. 2:220-221 Mr-Apr '68.

Combination of motor and visceral diaphragms in the formation of a diaphragm. O. V. Grynkevich. Trudy AN SSSR 170 no. 3:557-567 My '68.

Content of lysosomal enzymes in pulmonary practically healthy persons. I. M. Voronov. Dokl. AN SSSR 170 no. 3:704-712 Je '68.

Effect of some metabolic preparations on mitochondria. I. Kh. Nigmatova. Trudy AN SSSR 170 no. 3:704-712 Je '68.

Effect of the stimulation of the reticular formation on the function of the cortex in rabbits. P. I. Noh. Zhurn. ob. biol., 21 no. 2:220-221 Mr-Apr '68.

Role and significance of polymeric physiological. A. H. Kh. Nigmatova. Dokl. AN SSSR 170 no. 3:704-712 Je '68.

578.8 Microbiology. Bacteriology. Pathology

Analysis of the components of the system in Escherichia coli K-12 in the system of the polyphosphate transferase and others. Mik. 1 Mitop. 1 no. 2:129-139 '67.

Activation of immune system in vitro by stimulation by artificial bacteria. Shvelidze and others. Dokl. AN SSSR 170 no. 3:704-712 Je '68.

Antagonistic activity of No. 104 year. Dokl. AN SSSR 170 no. 3:704-712 Je '68.

Antagonistic against Phloium tremulae of Borlas. V. A. Solov'ev. Mik. 1 Mitop. 1 no. 2:129-139 '67.

Antimicrobial properties of various. R. Kh. Nigmatova, A. P. Vainov. Zhurn. ob. biol., 21 no. 2:220-221 Mr-Apr '68.

Appearance of antigens of the eye in embryo tissues at early development. Avotkina, Zhurn. ob. biol., 21 no. 2:220-221 Mr-Apr '68.

Asparagine of bacterium cadaver. I. P. Evacov, A. I. Nikolaev. Mik. 1 Mitop. 1 no. 2:129-139 '67.

Bacteriophage for bacteria of the group. I. S. Khavina, N. D. Savitskaya, I. A. Mikrobiologiya 37 no. 3:471-471 '68.

Catalytic and "catalytic" of the. S. F. Olonik, M. V. Pashchenko. Trudy AN SSSR 170 no. 3:704-712 Je '68.

Changes in the ultrastructure of Escherichia coli K-12 in the presence of penicillin. I. N. Kats, E. A. Moroz. Mikrobiologiya 37 no. 3:471-471 '68.

Chemical agents for the control of. T. E. Bulgakova, V. P. Baituk. Kh. 10:60 In-F '60.

Cholesterol oxidizing ability of Actinobacillus. A. I. Zhukova. Mikrobiologiya 37 no. 2:223-227 '68.

Comparative study of nucleic acid oxidizing microorganisms. V. A. Rukov. Mikrobiologiya 37 no. 2:223-227 '68.

Cytological foundations of the variability. I. Khorvath, G. Torok, A. Ocseny. Mikrobiologiya 37 no. 3:482-487 My-Je '68.

Decolonylation of steroid acetates with actinomycetes strains. I. I. Zaretsk. Mikrobiologiya 37 no. 3:430-432 My-Je '68.

Detection of agglutinating antibodies in sera following the sorption of a. I. Khorvath, G. Torok, A. Ocseny. Mikrobiologiya 37 no. 3:430-432 My-Je '68.

Differences in the formation of plant specific and non-specific immunity. K. A. Iosadova, A. S. SSSR 180 no. 1:220-231 My-Je '68.

Dissociation of Mycobacterium tuberculosis. S. and R. forms. V. A. Goltovskaya, A. S. Kovalenko. Mikrobiologiya 37 no. 3:430-432 My-Je '68.

Effect of carbon source on the amino acid synthesis in Mycobacterium tuberculosis. S. and R. forms. V. A. Goltovskaya, A. S. Kovalenko. Mikrobiologiya 37 no. 3:430-432 My-Je '68.

utilization conditions on the decarboxylase
act. *Actinomyces aureofaciens* LSI: 2201. T. A.
o, A. S. Vecher. *Mikrobiologiya* 37 no. 2:
Mr-Apr '68.

Right on the qualitative composition of pigments
actinomyces. *Actinomyces* 35, K. A. Nikitina.
logiya 37 no. 2:259-263 Mr-Apr '68.

cytotoxic on nucleic acid metabolism in
cous spheroides strain 35. M. A. Ali-Nori,
ov, *Mikrobiologiya* 37 no. 3:413-416 My-Je '68.

organic acids on the growth of *Streptococcus*
of the formation of insulin. N. S. Egorov, I. P.
I, Avad Hassan Mohamed. *Mikrobiologiya*
286-292 Mr-Apr '68.

thirapione caves and surface forces on the precu-
lation. DNA isolation from 12 bacteriophage.
G. V. Goryunova, A. D. Shchegoleva. *Dokl.*
180 no. 2:496-497 My-Je '68.

anadim penicillin on the growth of *Mycobac-*
terial cultures. I. M. Kopylova. *Trudy*
biol. inst. 58:120-122 '67.

of filamentous *Escherichia coli* forms as a
lysogenization. I. I. Golub, G. G. Orlova. *Dokl.*
180 no. 3:571-573 Je '68.

of dipterid-like pathogens in planned exami-
groups under observation. M. P. Bogdanovskiy.
rni. gos. med. inst. no. 66:43-46 '67.

of a factor in the extracts of *Staphylococcus*
ing formation of penicillinase in *Staphylococ-*
cus cells. E. D. Vyshepan, L. V. Meleshkina.
Mikrobiologiya 37 no. 2:201-205 Mr-Apr '68.

of working conditions of a device for
a cultivation of propionic acid bacteria. I. G.
N. V. Stepanova, N. D. Brusilovskiy. *Mikro-*
biologiya 37 no. 2:298-307 Mr-Apr '68.

ynthesis of the transfer system for 2-oxoglutarate
laterally and the transformation mechanism in
a cell. M. B. V. Iakovlev. *Mikrobiologiya*
405 My-Je '68.

of 5-bromo-2'-deoxyuridine and 6-
on the reproduction of the causative agent
s. I. I. Tereshkin and others. *Dokl. AN*
180 no. 2:480-481 My '68.

angenease content in various photosynthesizing
anisms. T. M. Udel'nova, E. N. Kondrat'ova,
chekko. *Mikrobiologiya* 37 no. 2:197-200 Mr-
Apr '68.

al study of some *Monogaster* species of the
lozomy. I. U. Koroleva. *Dokl. AN SSSR* 179
741 Mr '68.

DNA biosynthesis in *Escherichia coli* K-125
chloromycin growth conditions. A. I. Koroleva,
S. I. N. Shit'eva. *Mikrobiologiya* 37
400 My-Je '68.

A. [Role of organic antibiotics in the local-
ization of a pathological process] *Mol' organoznaniy v*
II patologiceskogo protsessu. *Kluy* "Zdo-
1967, 152 p.

acteriogenic L. moenke virus. M. I. Gol'din,
ova, G. A. Chornutynova. *Nauch. dokl. vya.*
ok. nauki II no. 7:105-109 '68.

of conversions of antibiotic formation in
cous lewis 2038. *Izv. AN SSSR, Ser. biol.*
1870 11-Apr '68.

of volutary entomology in the U. S. S. R.
shelov and others. *Kni. obozr.* 47 no. 3:288-
290 Mr-Apr '68.

of growth of *Neisseria meningitidis* cells
ova. *Mikrobiologiya* 37 no. 3:454-459 My-
Je '68.

r synchronization of bacterial cultures. L. S.
Izv. AN SSSR, Ser. biol. no. 4:590-604 11-
Apr '68.

of extracellular hydrolytic
processes of extracellular hydrolytic
enzymes dissolved in seawater. K. M. Khatov,
logiya 37 no. 3:510-522 My-Je '68.

of synthesis products based on utilization
of paraffin. A. M. Kulov and others.
zorb. SSR, Ser. biol. nauk no. 3:474-517 '67.

of the larvae of *Staphylinogryllus* infestation
g. name of rosin. M. V. Polynskaya, I. M.
Petrov. *gos. in.* 14 no. 3:74-78 '68.

U. I. U. N. F. Gamalota. *Moskva*, "Meditsina,"
1968. (Nauka, populi. med. literature).

in water (Juglans regia L. and its forma-
tions. N. M. Shernakova. O. P. Mazur.
SR, Ser. biol. no. 4:517-520 11-Apr '68.

of *Trametes* *Trametes* *Trametes* *Trametes*
ova. *Rn. obozr.* 47 no. 2:317-321 '68.

of the microorganisms in the microbiology of
ova. I. P. Shchegoleva. *Izv. AN SSSR, Ser. biol.*
580 11-Apr '68.

of nutritive media for *Caryophan*
of quantitative evaluation of bacterial
A. Bogdanovskiy. *Mikrobiologiya* 37 no. 3:548-
550 Mr-Apr '68.

of a bacteriophage agent of pacific formentation similar
dium pokovianum. O. K. Kulikovskaya.
logiya 37 no. 2:293-297 Mr-Apr '68.

of the acellular preparation from *Azoto-*
elantid. T. K. H'ina. *Dokl. AN SSSR* 180
478 Mr-Apr '68.

composition of DNA and the ecology of
I. P. Ashmerin, M. S. Lolejanek, E. I.
Dokl. AN SSSR 179 no. 3:705-709 Mr '68.

of inoculation methods and
microscopy in studying the soil microflora.
Mikrobiologiya 37 no. 2:330-337
Mr-Apr '68.

of the population development of some *Clostridium*
ova. V. Gudkov. *Trudy VMI* no. 40:121-128 '68.

of penicillin in applying 5-aminolevulinic
a biogenesis of vitamin B₁₂ and porphyrins
ova. N. I. Zaitsova, V. N. Butin. *Dokl.*
180 no. 1:232-234 My-Je '68.

Processes of chemical and biological oxidation of hydrogen
sulfide in mill-water of meromictic lakes. I. U. Sorokin.
Mikrobiologiya 37 no. 3:523-533 My-Je '68.

of group B vitamins by active and little-
active strains of nodule bacteria in beans. N. M.
Shernakova, I. P. Butin. *Mikrobiologiya* 37 no. 3:
433-439 My-Je '68.

Production of polysaccharides by green photosynthesizing
bacteria. E. N. Kondrat'eva, E. N. Kravtchukova, I. M.
Khatova. *Mikrobiologiya* 37 no. 3:417-424 My-Je '68.

Production of valine, acetone and organic acids by
Acetobacter cloacae (M-11-30) in relation to aeration
conditions. V. B. Kuzanskaya, A. P. Chukova. *Mikro-*
biologiya 37 no. 3:440-447 My-Je '68.

Provitamin B₁₂ as a predecessor of green pigments in
actinomyces. I. V. Marchenko and others. *Dokl. AN*
553 180 no. 1:978-980 Je '68.

Quantitative evaluation of autolography. A. Simon.
Mikrobiologiya 37 no. 3:552-557 My-Je '68.

Regulation of synthesis of genetic reproducers in
bacteria. A. A. Varshevskiy. *Mol. biol.* 2 no. 1:13-20
1-Apr '68.

Relationship between carbon dioxide fixation by thalobac-
teria and the activity of the medium. G. A. Zavarzin,
A. K. Romareva, T. N. Zhilina. *Izv. AN SSSR, Ser. biol.*
no. 4:552-564 11-Apr '68.

Relationship between molecular hydrogen utilization
and phosphorylation in cells of *Chromatium minutiss-*
imum. I. D. Ivanov, N. S. Iekhm, *Dokl. AN SSSR* 180
no. 1:223-228 My-Je '68.

Removal of the P-factor from the cells of
Escherichia coli K-12 by means of acetone orange.
V. I. Orlovskiy. *Izbr. eksp. biol. med.* 83 no. 4:76-78
Apr '69.

Report on the Institute of Microbiology of Rutgers
University (USA) for 1968-1967. A. A. Imenetskiy.
Mikrobiologiya 37 no. 2:371-374 Mr-Apr '68.

Respiratory activity of rod-like bacteria of pea and alfalfa
treated with heteroauxin of various concentrations.
V. D. Tagiev. *Dokl. AN Azorb. SSR* 23 no. 11:66-69 '67.

Results of examining fish-baiting animals for *Ichthyosoma*.
V. A. Rezagov and others. *Uzb. zap. Petrozav. gos. un.*
14 no. 3:62-68 '68.

Second International Conference on Applied Microbiology.
A. A. Imenetskiy. *Mikrobiologiya* 37 no. 3:571-573
My-Je '68.

Sensitivity of Azelobacter to some antibiotics and
herbicides. N. M. Babuk. *Mikrobiologiya* 37 no. 2:
338-344 Mr-Apr '68.

Significance of the biogenic factor in actinomyces ora
formation. L. E. Kromarenko. *Sov. geol.* II no. 4:
70-82 Apr '65.

Some characteristics of the distribution of micro-
organisms, annihilating hydrocarbons, in soils of oil
deposits. E. I. Kvanikov, I. P. Krivitskiy. *Mikrobiolo-*
giya 37 no. 2:331-328 Mr-Apr '68.

Some physiological and biochemical characteristics of
Staphylococcus aureus mutants with oxidation defect.
G. B. Ilchenko and others. *Mikrobiologiya* 37 no. 3:
490-504 My-Je '68.

Spora structure in two new species of anaerobic bacteria -
Clostridium *clostridium* sp. and *clostridium* *clostridium*
sp. N. A. Kravtchukova, V. I. Shuk, G. E. Zivovarov.
Mikrobiologiya 37 no. 3:488-103 My-Je '68.

Stability of immunologic indices in mental patients.
I. U. A. Binskiy. *Zhur. nev. i psikh.* 68 no. 2:243-
244 Apr '68.

State of the microflora and bacterioidality of the skin in
patients following radiotherapy. O. V. Smitanova, V. V.
Solikhova. *Med. rad.* 13 no. 3:61-63 Mr '68.

Study of a spectrum of lytic action and serological rela-
tionship of epiphytic lysogenic to *Actinomyces*
unifaciens culture. V. I. Kozuchko. *Mikrobiologiya*
37 no. 3:477-481 My-Je '68.

Study of antifungal properties of 8-oxymethylol tartrate.
M. N. Rastvorov and others. *Mikrobiologiya* 37 no. 3:
4

572.1 (Continued)

- Relationship between iron content in DNA and aging. B. I. Gol'dstein, M. I. Obolenskaya. Ukr. biokhim. zhur. 43 no. 2:126-130 '68.
- Relationship between molecular hydrogen difluoride and phosphorylation in cells of Chromatium minutissimum. I. O. Ivanov, N. S. Demina. Dokl. AN SSSR 160 no. 1:223-228 My-Je '68.
- Histidine and polypeptide nitrogen in the blood of patients with myocardial infarct and stenocardia. I. M. Tytyshuk. Trudy Vor. med. inst. 40:87-88 '62.
- Role of corticosteroids in the reaction of the thyroid gland and noradrenalin of the brain to cold stress. E. V. Sokolova, V. G. Shaltapina. Ukr. biokhim. zhur. 40 no. 2:173-176 '68.
- Role of enzymes of hexose monophosphate shunt in controlling carbohydrate metabolism in early embryogenesis. I. G. Hrivovskiy, L. S. Millman. Dokl. AN SSSR 175 no. 3:230-232 Mr '69.
- Role of the bile in disorders of phosphorus metabolism during mechanical jaundice. H. S. Lubimov. Biol. eksp. med. 65 no. 4:45-48 Ap '68.
- Symptomatic significance of blood serum proteins in rheumatism and some other internal diseases. P. M. Vainsvaly. Trudy Simipal. med. inst. 4:419-414 '68.
- Serotonin metabolism in functional disorders of the thyroid gland. A. P. Golovach. Probl. endok. 14 no. 3:97-100 My-Je '68.
- Stale acids in the gastric juice of patients with cancer and other diseases of the stomach. V. P. Kalinovskiy. Vop. okh. 14 no. 7:25-28 '60.
- Significance of aldosterone in the pathogenesis of chronic insufficiency of blood circulation. A. D. Vozir. Kardiol. 13 no. 3:124-128 Mr '68.
- Significance of the functional state of the adrenal cortex in the pathogenesis of experimental nephropathy. A. N. Muravskiy. Trudy Simipal. med. inst. 4:132-140 '66.
- Serum biochemical indices of the blood and milk in Ayralar cattle. A. E. Bolgov. Uch. zap. Petrozav. gos. u-n. 11 no. 3:28-30 '66.
- Serum characteristics of β -amylase in thermophilic bacteria. L. G. Loginova, S. A. Karupkina. Dokl. AN SSSR 180 no. 1:225-228 My-Je '68.
- Some features of the transformation of L-glutamate into glucose and glycogen in the brain. M. N. Yakovlev. Uch. zap. Petrozav. gos. un. 11 no. 3:137-140 '60.
- Some problems of the prevention of rickets in children. G. Simipalinsk. M. B. Rogan, D. M. Nalukovskaya. Trudy Simipal. med. inst. 4:437-441 '66.
- Some properties of phospholipid peptides of the brain tissue. A. A. Shmelev. Ukr. biokhim. zhur. 40 no. 2:112-116 '68.
- Spectrographic determination of lead in the urine. N. F. Gavriluk, B. A. Kala, V. M. Livshits. Trudy Vor. med. inst. 58:223-215 '67.
- Spectrographic determination of trace elements in human blood. V. M. Lifshits. Trudy Vor. med. inst. 58:109-113 '67.
- State of nitrogen balance in children 5-10 years of age under the conditions of boarding school. E. V. Yakolina. Nauch. trudy OMI no. 01:211-222 '66.
- Study of autopolytomytic activity of the blood in rats with subcutaneous transplant of SSK sarcoma. A. N. Sorinov, V. A. Shais, V. A. Fitev. Biol. eksp. med. 65 no. 1:88-90 Ap '68.
- Study of controlled biosynthesis and population biophysics. I. A. Tarakov, I. I. Gulya, G. M. Lioavskiy. Izv. AN SSSR 10 no. 10:101-102 Mr '68.
- Study of glycoproteins of water-soluble proteins from the brain tissue. V. I. Durnavina. Ukr. biokhim. zhur. 40 no. 2:140-147 '68.
- Study of intermediate products of photoreduction of xanthine oxidase. L. S. Vartanjan, L. M. Gonikberg, T. A. Sheper. Mol. biol. 2 no. 1:45-52 Ja '67.
- Study of natural melanins. L. I. Ilyas, S. P. Likh. Izv. AN SSSR. Ser. biol. no. 4:530-542 Ji-Ag '68.
- Study of plant raw material containing pectic enzymes. G. S. Barnashova, M. V. Chervanina. Uch. zap. Mord. gos. un. no. 00:67-73 '67.
- Study of protein fraction in rabbit skeletal muscle myofibrils soluble in low ionic strength salt solutions. M. P. Dmytrenko, I. O. Pshakalze. Ukr. biokhim. zhur. 40 no. 2:180-200 '68.
- Study of starch hydrolysis during individual and joint action of α and β amylase of barley malt. N. G. Kurehova, A. F. Fedorov. Form. i spirt. prom. 34 no. 3:16-20 '68.
- Study of sugar, protein and cellulose content in leaves of selected types of mulberry tree during summer and fall season. I. K. Abdullayev and others. Dokl. AN Azerb. SSR 23 no. 11:47-50 '67.
- Study of the hydrolytic resistance of pangonic acid. A. M. Urkevich, S. G. Vorenina, N. A. Proobrazhonskii. Khim.-farm. zhur. 1 no. 12:20-30 D '67.
- Study of triterpenoids and flavonoids from Heliolodendron calceolatum Pall. E. T. Oganesian, V. A. Baniukova, A. I. Shinkarova. Hasi. 100, 4 no. 2:240-243 '68.
- Studying the aerodynamics of a fluidized bed of wheat bran used in surface growing of mold fungi. B. N. Rybachok, A. I. Chernavskiy. Form. i spirt. prom. 34 no. 5:21-23 '68.
- Synthesis of biologically active substances by nodule bacteria and the enzymatic activity of plants. O. P. Petrusheva, L. F. Savich. Uzb. biol. zhur. 12 no. 1:20-24 '69.
- Synthesis of the subunits of immunoglobulin molecules in vitro. V. T. Skvortsov, A. E. Gurtvich. Mol. biol. 2 no. 1:53-59 Ja '68.
- Trace elements in the blood in atherosclerosis. G. I. Furmanov. Trudy Vor. med. inst. 58:78-80 '67.
- Trace elements of the heart muscle in experimental acute myocardial ischemia. V. V. Ribova. Trudy Vor. med. inst. 58:94-97 '67.
- Twenty-fourth Bakh lecture. N. N. D'yachkov. Izv. AN SSSR. Ser. biol. no. 4:629 Ji-Ag '68.
- Two forms of glycyl-RNA-synthetase in the rat liver. O. O. Favorova, T. N. Spasokukolaki, L. L. Kiselev. Mol. biol. 2 no. 1:68-70 Ja '68.

Use of bacterial amylase for the improvement of conditions for corn palping. M. T. Polunova and others. Form. i spirt. prom. 34 no. 3:15-17 '68.

Vitamin A content in milk related to different types of feeding of cows. A. M. Azimov. Trudy VMI no. 46:29-33 '68.

Vitamin B₆ metabolism in epileptics. V. I. Slabkov. Trudy Gos. nauch.-issl. psikhonev. inst. 33:341-351 '68.

Vitamin B₁₂ biosynthesis in the mixed cultures of propionic acid bacteria and mycobacteria. N. A. Baranova and others. Nauch. dokl. vya shkoly; Biol. nauki 11 no. 7:101-104 '68.

Vitamin B₁₂ in chemotherapy of experimental tumors. Z. P. Bakina, N. R. Poliak. Vop. okh. 14 no. 4:70-73 '68.

Vitamin C metabolism in monkeys suffering from vitamin A deficiency. V. A. Karpacheva and others. Vop. pit. 27 no. 1:30-34 Ja-F '68.

577. 1(471, 313)—Ityazan Province

Practices in growing surface culture of mold fungi at the Pronsk Alkali Plant. N. D. Volkov. Form. i spirt. prom. 34 no. 3:30 '68.

577. 1(470, 22)—Georgian S. S. R.

Practices in the adoption of fermentation preparations in the enterprises of "Gruzkhleb". R. H. Gensakhurdia, S. B. Vortanova. Khleb. i kond. prom. 12 no. 7:32-33 Ji '68.

577. 1(574)—Kazakh S. S. R.

Looking for plants, containing biologically active substances, in Central Asia and Kazakhstan. A. M. Zokharov, K. I. Urtov. Nauch. rev. 4 no. 2:243-257 '68.

577. 1(576)—Central Asia

Looking for plants, containing biologically active substances, in Central Asia and Kazakhstan. A. M. Zokharov, K. I. Urtov. Nauch. rev. 4 no. 2:243-257 '68.

577.3 Biophysics. Biomechanics. Bioenergetics. All: Ionization and direct current effect on the ciliated epithelium of frog oophores. L. K. Kozlovskiy. Trudy Len. ob-va est. 73 no. 1:76-79 '63.

Changes in the electrochemical activity of the brain in neurosurgical patients during anesthesia. M. S. Zil'bergman, V. I. Ostrovskiy, V. E. Bryk. Vop. psikh. 32 no. 2:41-46 Mr-Ap '68.

Changes in the electrochemical properties of the blood in an animal dying from an acute loss of blood and following its reconnection under the influence of air ionization. T. H. Kuz'mina. Trudy Len. ob-va est. 73 no. 1:81-83 '63.

Changes in the kinetocardiogram in mitral defects. L. A. Kazarov. Trudy Vor. med. inst. 49:45-49 '62.

Changes in the electrographic indices in sportsmen under the effect of active and passive head-down position. K. L. Gokhman. Trudy Perm. gos. med. inst. no. 0:175-184 '63.

Changes in the phonocardiogram in early stages following the origin of rheumatic carditis. A. Kochlov, N. I. Kogen. Trudy Vor. med. inst. 58:35-38 '67.

Changes in the summary electric activity and primary response to light following stimulation of the vestibular apparatus in chis. V. F. Mezhman. Zhur. vya. nerv. det. 16 no. 3:525-527 My-Je '68.

Changes in the T vector in rheumatic lesions of the heart. N. I. Skuridina. Trudy Vor. med. inst. 58:27-29 '67.

Characteristics of evoked responses to direct electric stimulation of the cortex isolated from subcortical neural influences. M. M. Hogenovskiy. Zhur. vya. nerv. det. 16 no. 3:458-463 My-Je '68.

Characteristics of successive inhibitions based on electroencephalographic data. V. N. Andreeva, A. Baitaev, I. G. Kravt. Zhur. vya. nerv. det. 18 no. 3:386-393 My-Je '68.

Clinicophysiological data on the interaction of the locomotor and visceral systems in urolithiasis. A. S. Staritsyn. Trudy Perm. gos. med. inst. no. 5:337-340 '63.

Correlation of evoked slow and impulse activity of the neurons at different levels of the visual cortex in rabbits. M. I. Timkina. Zhur. vya. nerv. det. 18 no. 3:180-183 My-Je '68.

Correlation of motoric and visceromotor reflexes. M. R. Moganovskiy. Trudy Perm. gos. med. inst. no. 6:7-18 '63.

Determination of the regularity of alveolar ventilation. R. I. Agranovich. Trudy VNIIO no. 1:102-105 '66.

Diagnostic significance of the determination of the distribution rate of the pulse wave. N. I. Skuridina and others. Trudy Vor. med. inst. 49:54-56 '62.

Dynamics of motor and cutaneous galvanic reactions in neurotic states during the process of treatment. M. N. Bobrovskiy. Trudy Gos. nauch.-issl. psikhonev. inst. 33:171-184 '64.

Effect of some pharmacological substances on the cerebral electrogram and the visceromotor reflex during interoceptive stimulation. I. M. Dykman. Trudy Perm. gos. med. inst. no. 6:305-305 '63.

Effect of surface polarization on the intracellular neuron activity of the motor cortex in alert rabbits. L. I. Voronin. Zhur. vya. nerv. det. 18 no. 3:475-487 My-Je '68.

Effect of the central nervous system on the pessimum of neuromuscular apparatus. L. A. Naval'seva. Trudy ob-va est. 73 no. 1:86-88 '63.

Electric conductivity of the skin in cutaneous galvanic reflex induced by muscular stress. A. G. Markin. Trudy Perm. gos. med. inst. no. 5:137-144 '63.

Electroencephalic study of cortical reactivity in the combination of neurotic and destructive disorders of the brain. V. V. Bobkova. Trudy Gos. nauch.-issl. psikhonev. inst. 33:185-202 '64.

"Energy rule of the skeletal muscles" as a factor of the formation and transformation of the activity of the cardiovascular and respiratory systems in ontogeny. I. A. Arshavskiy. Trudy Perm. gos. med. inst. no. 5:19-24 '63.

Evaluation of the electric activity of the myocardium in patients with "cor pulmonale" and atherosclerosis based on vectorcardiographic data. Preliminary report. V. F. Khorochev, N. I. Skuridina. Trudy Vor. med. inst. 58:17-20 '67.

Functional correlation of the locomotor and visceral systems in epileptics: a review. E. B. Smysliakov. Trudy Perm. gos. med. inst. no. 5:347-350 '63.

Functional state of medium diameter arteries. A. I. Zolotarev. Trudy Vor. med. inst. 49:60-53 '62.

Implementation of nonpolarizing electrodes for the recording of diaphragm potentials of the gastrointestinal tract in chronic experiments. M. A. Rybakina, D. P. Tolstov. Biol. eksp. med. 65 no. 1:120-123 Ap '68.

Integral cardiac vector in healthy persons: based on vectorcardiographic data. V. F. Khorochev. Trudy Vor. med. inst. 49:14-17 '62.

Information of the locomotor and visceral systems in schizophrenia: theoretical substantiation of the problem. A. S. Staritsyn. Trudy Perm. gos. med. inst. no. 5:325-334 '63.

Materials for the problem of age-related characteristics of the orthostatic test and "negative phase" of the pulse. G. Z. Chuvanova. Trudy Perm. gos. med. inst. no. 5:117-123 '63.

Methodology of determining the regularity of pulmonary ventilation. A. P. Pletsov, A. A. Cherkasova. Trudy VNIIO no. 1:93-101 '66.

Modeling graphite pulse reactor. V. A. Gruzzen. Trudy Len. ob-va est. 73 no. 1:80-81 '63.

Motivational reflexes as factors of functional tests. M. H. Moganovskiy, V. I. Bel'tukov. Trudy Perm. gos. med. inst. no. 5:77-88 '63.

Neuron activity of an isolated cortical area in response to direct stimulation with electric current. V. P. Chirkov. Zhur. vya. nerv. det. 18 no. 3:535-538 My-Je '68.

Parabolic nature of nonconditioned cortical suprathreshold inhibition. N. P. Movchan. Trudy Len. ob-va est. 73 no. 1:83-88 '63.

Physiology of the motor defense conditioned reflexes in man. Z. I. Niriukova. Trudy Perm. gos. med. inst. no. 5:101-109 '63.

Phonocardiography, a new method of local examination of the lungs. L. I. Romanovskiy. Trudy VNIIO no. 1:73-82 '66.

Quantitative evaluation of the middle moment vectors in the S₁ and S₂ slowly developing rheumatic carditis. N. I. Skuridina. Trudy Vor. med. inst. 58:24-26 '67.

Quantitative evaluation of the middle vectors Q, R, S and T in hypertension. A. I. Gusev. Trudy Vor. med. inst. 58:12-18 '67.

Rate of blood flow in rheumatism. I. A. Nellova. Trudy Vor. med. inst. 58:43-40 '67.

Relationship between oxidized chlorophyll forms and water. V. M. Kutiurin, I. U. Aramkina, I. N. Anisimova. Dokl. AN SSSR 160 no. 4:1002-1001 Je '68.

Role of the higher portions of the brain in the formation of visceromotor reflexes. E. S. Tolmashskaya. Trudy Perm. gos. med. inst. no. 5:391-398 '63.

Significance of electrocardiographic and roentgenographic methods in the study of the contractile capacity of the heart muscle in patients recovering from myocardial infarct. V. I. Garmash. Trudy Vor. med. inst. 48:30-38 '62.

Significance of the dimensions of the solid angles Q_R, R_S, Q_S in hypertension and atherosclerosis. I. U. Nellova, A. I. Gusev. Trudy Vor. med. inst. 58:6-11 '67.

Significance of the electrocardiographic method in the diagnosis of acute coronary insufficiency. V. I. Garmash. Trudy Vor. med. inst. 49:10-11 '62.

Some aspects of applying air ionization for diagnostic purposes. I. M. Voronov. Trudy Len. ob-va est. 73 no. 1:70-80 '63.

Some uses of the electronic paramagnetic resonance method in the study of complex biological objects. Method of electronic paramagnetic resonance. V. N. Lyutkov, E. T. Kazanov. Trudy Kish. obshch. inst. 46 no. 3:5-11 '67.

Specific reflex variability of body functions. Specific functional components of the alertness reflex and its stabilizing manifestation. B. K. Surkov. Trudy Perm. gos. med. inst. no. 5:59-67 '63.

Study of controlled biosynthesis and population biophysics. I. A. Tarakov, I. I. Gulya, G. M. Lioavskiy. Izv. AN SSSR no. 10: Ser. biol. med. nauk. no. 2:27-31 Ag '67.

Study of precordial pulsations in mitral stenosis and their clinical significance. A. V. Nikitin. Trudy Vor. med. inst. 48:42-44 '62.

Study of the action of chemical mutagens on some biological objects by the electronic paramagnetic resonance method. V. N. Ilyukov and others. Trudy Kish. obshch. inst. 46 no. 3:12-15 '67.

Tissue reactions on radiation effects and their changes under the influence of experimental therapy. E. G. Dolgov. Trudy Simipal. med. inst. 4:501-507 '68.

Urethane photolysis at temperatures of 80-160°C in alkaline medium. L. E. Fosenko. Dokl. AN SSSR 170 no. 3:717-718 Mr '68.

[Use of isotopes and radiations in agricultural research] Ispol'zovanie izotopov i izlucheni v issledovaniakh po sel'skomu khozyaystvu. Pod obshch. red. S. V. Nerpina. Moskva, "Kolos," 1967. 263 p. (Agrofiz. nauch.-issled. inst. Nnuch. trudy).

Use of quantitative vectorcardiography for the evaluation of the functional state of the myocardium. I. U. Nellova, V. F. Khorochev. Trudy Vor. med. inst. 58:5-8 '67.

Use of quantitative vectorcardiography method in the evaluation of the process of polarization of the myocardium in patients with "cor pulmonale". N. I. Skuridina, V. F. Khorochev. Trudy Vor. med. inst. 58:21-23 '67.

Vibration processes in biological and chemical systems.
Proceedings of the All-Union Symposium on Vibration Processes in Biological and Chemical Systems.
 Kollektivnye protsessy v biologicheskikh i khimicheskikh sistemakh. Trudy Vsesoyuz. simpoziuma po kollektivnyim protsessam v biol. i khim. sistemakh. Pushchino-na-Oke, 21-29 iun. 1966 g. Moskva, "Nauka," 1967, 442 p.
 Nauch. i tekhn. informatsionn. biogr., M. E. Kozlovskiy. Tr. V. Ver. med. inst., 59:13-14 '67.

577.39 Radiobiology

Concise on three principles of radiation action on living organisms. S. V. Arshavskiy. Dokl. Akad. Nauk SSSR, 1967, 12:10-12.

Effect of ^{60}Co γ -irradiation on conifers. A. I. Bortnik, N. N. Zhurav, G. N. Pivovarov, A. I. Bortnik. Izv. AN SSSR, Ser. Biol., no. 1:584-590 May '68.

Effect of air ionization on the vital dye spectrum by the different organs of white mice. E. A. Chudikova. Trudy Leningrad. univ., 24 no. 1:15-16 '63.

Effect of ^{60}Co gamma rays on water balance and drought resistance in poplars and larches. V. N. Savin, O. G. Gerasimova. Fiziol. zhur., 15 no. 3:548-551 May '65.

Effect of ultraviolet light on the conifers on the free- and forced-temperature variations in gamma irradiation. A. I. Bortnik, A. A. Pustoshenko-Serebrennikova. Mikrobiologiya, 7 no. 4:750-752 Je '68.

Effect of ionizing radiation on plants and animals. Otsenka ioniziruyushchikh izlucheni na rastenii i zhivotnykh organizmakh. Moskva, "Nauka," 1965, 284 p.

Effect of ionizing radiation on serotonin content in rat tissues. F. N. Ivanchenko, S. M. Subbotina, L. I. Altova. Nauch. dokl. vys. shkoly, biol. nauk II no. 7: 61-65 '68.

Effect of ionizing radiation on the biodeposition and accumulation of reserve carbohydrates and the biosynthesis of steroids in yeast. T. S. Lapanova, R. D. Gal'tsina. Mikrobiologiya, 7 no. 2:212-216 Mr.-Ap '68.

Effects from irradiated plants. I. M. Kriukova. Priroda, no. 6:111-112 '68.

London, E. S. "Selected works. On the centenary of E. S. London's birth." Izbrannye trudy. K stoletiyu so dnia rozhdeniya E. S. Londona. Pod red. D. A. Birukova. Leningrad, "Meditsina," 1968, 391 p.

Radioimmunity of the rat rat complex tRNA - RNA from seed embryos. V. I. Tokarskaya. Dokl. AN SSSR, 170 no. 2:482-485 My '68.

Some problems of radiobiological effect. A. M. Dubinskii, I. P. Likhachuk. Trudy Leningrad. univ., 23 no. 1:50-102 '63.

577.4 General conditions of life. Ecology. Phenology.
Agardhanian, N. A. (Man, atmosphere, and the sea).
 Chelovek, atmosfera i morya. Moskva, "Znanie," 1968, 64 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Meditsina," 6).

Permeability of division in *Eudotina elegans* Ehrbg. A. M. Luntz. Zhur. ob. biol., 27 no. 2:250-251 Mr.-Ap '69.

Processes of chemical and biological oxidation of hydrogen sulfide in water of microtidal lakes. H. I. Sorokin. Mikrobiologiya, 7 no. 3:513-515 My-Je '68.

Relationship between iron content in DNA and aging. B. I. Gol'dstein, M. I. U. Obolenskaya. Ukr. biol. zhur., 40 no. 2:126-132 '68.

Role of oxygen balance in the vital activity of some blue-green algae. L. A. Sirenko and others. Mikrobiologiya, 7 no. 2:239-244 Mr.-Ap '68.

577.4(471.43)—Kuybyshev Province

Microbiological characteristics of Kuybyshev Reservoir in 1965. A. V. Iralin. Mikrobiologiya, 37 no. 2:360-366 Mr.-Ap '68.

577.4(478)—White Russian S. S. R.

Seasonal dynamics of total number and biomass of bacteria in Naroch Lakes. H. S. Potanenko. Mikrobiologiya, 37 no. 3:540-547 My-Je '68.

Shklyar, A. Kh. [Calendar of White Russian nature]. Kalendary prirody Belorussii. Minsk, "Vysshelsh, shkola," 1967, 283 p.

577.4(479)—Caucasus and Transcaucasia

Primary production and microbiological processes in Lake Gek-Gel. H. I. Sorokin. Mikrobiologiya, 37 no. 2:345-354 Mr.-Ap '68.

577.4(571.66)—Kamcharka Province

Hydrobiological study on Lake Nerpih'ye (eastern Kamchatka). L. I. Kur'ukov. Izv. TINRO, 57:170-186 '67.

577.4(574)—Kazakh S. S. R.

Nature of the distribution of sulfate reducing and thionate bacteria in silt of Lake Balkhash. M. I. Novozhukova, S. S. Ileretina. Mikrobiologiya, 37 no. 3:534-539 My-Je '68.

577.4(575.172)—Kara, Kalpak A. B. S. R.

Microbiology of Lake Karakorum. Ch. A. Abdilov, L. G. Konstantinova, N. S. Sagidullayev. Mikrobiologiya, 37 no. 2:355-358 Mr.-Ap '68.

578 Biological technique

Characteristics of the methods of obtaining experimental infections of plants. V. N. Lysikov. Trudy Kish. sel'khoz. inst., 45 no. 3:107-140 '67.

Culture of medicinal plant tissue and prospects of its use in pharmacy. R. G. Butenko. Trudy Len. khim.-farm. inst., 21:184-191 '67.

Determining the activity of carbonic anhydrase (4,2,3,1) carbonic dehydratase by photochemical stimulation. A. S. Smolovskiy, A. Spolovskiy. Trudy AN LII, SSR, Ser. V no. 3:132-146 '67.

Dynamics of the fibrinolytic activity of the blood during the reproduction of experimental atherosclerosis in rabbits. I. V. Mikhaylina. Trudy Gos. med. in-st. psikhonevrol. inst., 33:513-522 '61.

Effect of thyroid hormone on tumor cells in tissue culture. A. I. Seitas, V. I. Arkhipenko. Vop. onk., 14 no. 4:65-66 '68.

Effect of vanadium pentoxide on the growth of *Alcyonaria* cultures. L. M. Kopytova. Trudy Ver. med. inst., 58:120-122 '67.

Elaboration of the technique for producing temporary preparations used in studying mitosis and meiosis in backswell. A. T. Tachev, L. I. Doshchenko. TSilologiya, 10 no. 5:650-653 My '68.

Electronic integrator for physiological studies. H. I. Gerasimov. Trudy Perm. gos. med. in-st., no. 5:463-468 '63.

Electrophoresis in polyacrylamide gel as a new method of separating *Rauwolfia* L. alkaloids. Report No. 1. Separation of alkaloids of *Rauwolfia serpentina* Benll. A. G. Vollovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst., 21:192-197 '67.

Experience in the quantitative measuring of ballistic cardiac impulses using the integrator. A. N. Kokosov, G. A. Semukov. Trudy Perm. gos. med. in-st., no. 6:475-478 '63.

First trials of the electrophysiological characteristics of cure magnation. V. N. Lysikov, S. N. Mikhaylov. Trudy Kish. sel'khoz. inst., 46 no. 3:16-20 '67.

Improvement of working conditions of a device for continuous cultivation of propionic acid bacteria. I. G. Mikhaylov, N. V. Stepanova, N. D. Yuzvatskiy. Mikrobiologiya, 37 no. 2:298-307 Mr.-Ap '68.

Labeling of cells of rat lymphosarcoma with vital dyes. M. G. Ispenchenko. Vop. onk., 14 no. 4:102-105 '68.

Labeling of lymphocytes on target cells induced by mitogens. Z. G. Kadejdzis, S. N. Sura. Dokl. AN SSSR, 179 no. 3:715-716 Mr.-Ap '68.

Methodology of obtaining and recording saliva from the submandibular salivary glands in man. N. N. Kuznetsov, V. M. Sidorova. Zhur. vys. shkoly, med. i biol., 18 no. 3:515-517 My-Je '68.

Methodology of obtaining induced experimental tumors of the bones in rabbits. S. I. Nikandrov. Trudy Gos. med. in-st. psikhonevrol. inst., 33:503-512 '64.

Microspectrophotometer based on standard details and blocks. V. N. Karanukhov and others. TSilologiya, 10 no. 5:654-657 My '68.

***Panax ginseng* C. A. Mey as an object to be introduced into tissue cultures.** L. I. Stepan, I. V. Grushvitskiy, R. G. Butenko. Trudy Len. khim.-farm. inst., 21:198-202 '67.

Physiological repairing regeneration of specific elements in the ovaries of dogs. H. V. Pogorelov. Trudy Semipal. med. in-st., 4:402-403 '68.

Precursor cells for osteogenic and hemopoietic tissues. Analysis of heterotopic transplants of the bone marrow. A. A. Fridman and others. TSilologiya, 10 no. 5:557-567 My '68.

Preparative electrophoresis in saccharose density gradient. H. V. Kobozlov, H. U. Azhalykys. Ukr. biol. zhur., 40 no. 2:217-221 '68.

Protective action of cell solutions during freezing of plant cells. G. A. Sanygin, N. M. Naiveeva. Fiziol. rast., 15 no. 3:552-560 My-Je '68.

Removal of the F-126 factor from the cells of *Escherichia coli* K-12 by means of acrylamide range. V. I. Orlovskiy. Bul. eksp. biol. i med., 65 no. 4:76-78 Ap '68.

Similarity coefficients in taxonomy. A. I. Shalitskiy. Nauch. dokl. vys. shkoly, biol. nauk II no. 7:124-133 '68.

Simplified method of cultivation and prolonged preservation of trichomonads. I. K. Padelenko. Virul. zool., 2 no. 2:85-88 Mr.-Ap '68.

Spectral case of focal heart excitation in a dog. E. I. Potemkina. Zhur. vys. shkoly, med. i biol., 18 no. 3:522-524 My-Je '68.

Study of the dissemination of corn pollen by means of labeled stigma. K. A. Krupnik, B. I. Budak. Trudy Kish. sel'khoz. inst., 46 no. 3:103-106 '67.

Study of γ -resistance spectra of nitrogen-fixing bacteria. I. D. Ivanov and others. Mikrobiologiya, 37 no. 3:407-412 My-Je '68.

Use of integrator in the study of summary bioelectric activity of the heart. M. F. Bobolova, H. I. Gerasimov. Trudy Perm. gos. med. in-st., no. 6:469-473 '63.

Use of products of the vital activity of the microorganism for obtaining antitumor vaccine. H. G. Zolotarev. Vop. onk., 14 no. 4:73-79 '68.

578.6 Microscopy

Device for casting microsections. V. V. Runov. Zav. lab., 34 no. 3:371-372 '68.

Materials for submicroscopical organization of the reticular formation under normal conditions and under some pathological influence. F. V. Gaidukov. Trudy Gos. med. in-st. psikhonevrol. inst., 33:523-547 '64.

578 Natural history collections

Ammonium picrate as a fixing agent and the mounting medium for slides of fish parasites. A. V. Gusev. Zool. zhur., 47 no. 6:636-638 Je '68.

581 General botany. Plant biology.
Characteristics of the growth and plants in Central Yakut and Naryn. I. A. Ivanov. Trudy Len. khim.-farm. inst., 21:20-27 '67.

Determination of the age and growth of *Pinus* L. groves. K. A. Bakhareva. Trudy Len. khim.-farm. inst., 21:22-23 '67.

International Symposium on the 100th Anniversary of the Birth of P. I. Lavrenko. Izv. AN SSSR, 179 no. 4:624-625 May '68.

Method for evaluating thermal activity of plants. P. I. Shumilov, I. I. S. Mikh. 14 no. 5:12-15 My '68.

Study of *Lithospermum officinale* L. plant. A. A. Urison and others. Trudy Len. khim.-farm. inst., 21:236-241 '67.

581(470)—White Russian

Hemofiltration remedies used in White Russian. Report No. 2. Study of the chemical composition of hemofiltration. L. V. G. Khim. in-st. med., 21:221-225 '67.

581(470.24)—Azovskaya

Material on the endocrine of the Azovskaya. G. E. Akhmedov. Izv. AN Azerb. SSR, 1967, 3:1-60 '67.

581(501)—Thymus

Medicinal plants of Thymus used in medicine in Ukraine. Report No. 1. Thymus. Trudy Len. khim.-farm. inst., 21:221-225 '67.

581(507.7)—North Viet

Search for new medicinal plants of the North Viet. In the Democratic Republic of Viet Nam. Trudy Len. khim.-farm. inst., 21:221-225 '67.

581.1 Plant physiology and metabolism

Accumulation and distribution of α -amino acids in plants as a result of withstanding drought and frost. V. A. Sidorova. Fiziol. rast., 15 no. 3:515-517 My-Je '68.

Accumulation of malonate of α -amino acids in the presence of α -amino acids. H. I. Stroganov. Fiziol. rast., 15 no. 3:515-517 My-Je '68.

Acid phosphatase and the role of α -amino acids in the metabolism of α -amino acids. I. I. Kuznetsov. Izv. AN SSSR, 179 no. 3:715-716 Mr.-Ap '68.

Activation of the photolysis of α -amino acids by microorganisms. I. I. Kuznetsov. Dokl. AN SSSR, 179 no. 3:715-716 Mr.-Ap '68.

Aerodynamics of the human body. Properties of the fiber. K. M. Mikhaylov. Izv. AN SSSR, 179 no. 3:715-716 Mr.-Ap '68.

Atherosclerosis of the human body. Properties of the fiber. K. M. Mikhaylov. Izv. AN SSSR, 179 no. 3:715-716 Mr.-Ap '68.

Ammonium picrate as a fixing agent and the mounting medium for slides of fish parasites. A. V. Gusev. Zool. zhur., 47 no. 6:636-638 Je '68.

Amount of "dead" water in plants. I. I. Kuznetsov. Dokl. AN SSSR, 179 no. 3:715-716 Mr.-Ap '68.

Behavior of various ecological groups during drought periods. A. A. Gerasimov, I. V. Potemkina. Trudy Len. khim.-farm. inst., 21:20-27 '67.

Biological activity and growth in plants. I. I. Kuznetsov. Trudy Len. khim.-farm. inst., 21:20-27 '67.

Carbohydrates stored in seeds of *Pinus* L. groves. K. A. Bakhareva. Trudy Len. khim.-farm. inst., 21:20-27 '67.

Carbon and nitrogen supply sources in *Pinus* L. groves. K. A. Bakhareva. Trudy Len. khim.-farm. inst., 21:20-27 '67.

Changes in respiration energy and activity in the annual cycle of *Pinus* L. groves. K. A. Bakhareva. Trudy Len. khim.-farm. inst., 21:20-27 '67.

Characteristics of the study of natural growth inhibitors. V. I. Kofol. Fiziol. rast., 15 no. 3:560-577 Mr.-Ap '68.

- Characteristics of water balance in swamp forests of the Tundra-Khiva interfluvium. N.I. Shadrina. Izv. SO AN SSSR no. 19 Ser. biol. i med. nauk. no. 2:77-81 Ag '67.
- Genetics of the *Sophora* L. genus. K.F. Dlinova, G.M. Arkhipova. Trudy Len. khim.-farm. inst. 21:100-108 '67.
- Chlorophyll mutations of barley and chickpea caused by physical and chemical factors. V.N. Lytkin and others. Trudy Kish. sel'khoz. inst. 46 no. 3:83-88 '67.
- Chlorophyll mutants of a pea with changing leaf color. S.V. Tagayeva, S.A. Goshl'makli, L.E. Bakova. Izv. AN SSSR Ser. biol. no. 4:465-506 Ji-Ag '68.
- Coupled oxidative phosphorylation in cotton seedlings under normal conditions and following gamma irradiation. S.V. Arslanova. Fiziol. rast. 15 no. 1:9-12 '68.
- Correlation between growth and carotenoid biosynthesis in wheat. U. Murgu, M. Oiter. Fiziol. rast. 15 no. 3:336-342 My-Je '68.
- Correlative relationship between leaf movement and flowering of *Perilla frutescens* L. A.A. Isfah. Dokl. AN SSSR no. 3:436-438 My '68.
- Culture of medicinal plant tissue and prospects of its use in pharmacy. R.G. Butenko. Trudy Len. khim.-farm. inst. 21:164-191 '67.
- Cyclotol activity and chemical structure of some derivatives of N-allyl-N'-phenylthiourea. K. Koronov, I. Ivanova, G. Vassilev. Fiziol. rast. 15 no. 3:330-335 My-Je '68.
- Regulation of plant roots by dimorpholol. I.N. Shtromova, O.O. Ialili, V.G. Kormakov. Fiziol. rast. 15 no. 4:626-630 Ji-Ag '68.
- Isolation of 2,4-D in plants related to its application method. U.V. Haskin, T.P. Mikhailova. Fiziol. rast. 15 no. 3:438-501 My-Je '68.
- Development of vegetative organs in rice (*Oryza sativa* L.). E.A. Kurbanov. Izv. AN Azerb. SSR Ser. biol. nauk. no. 3/4:67-72 '67.
- Diagnostic anatomy of the overground parts of the *Scopolia tangutica* Maxim. and its distinction from related species having therapeutic significance. N.V. Solentina, N.V. Byrovezhko. Trudy Len. khim.-farm. inst. 21:70-82 '67.
- Length of dormancy of winter wheat as related to its amino acid composition. D.F. Pototskiy, I.G. Shmatko, G.A. Rytvanik. Fiziol. rast. 15 no. 4:680-687 Ji-Ag '68.
- Effect of boron on oxidative phosphorylation and some other biochemical properties of mitochondria in sunflower and barley. N.I. Tshurakov. Fiziol. rast. 15 no. 4:597-604 Ji-Ag '68.
- Effect of carbon nutrition on the response of *Chlorophyll* to blue and red light. N.V. Trukhin. Fiziol. rast. 15 no. 4:652-667 Ji-Ag '68.
- Effect of chemical and physical factors on the entry of phosphorus into grapevine cuttings. M.I. Iukh. Trudy Kish. sel'khoz. inst. 46 no. 3:100-101 '67.
- Effect of Ca^{60} gamma rays on water balance and drought resistance in pepper plants. V.N. Savin, O.G. Stepanenko. Fiziol. rast. 15 no. 3:440-451 My-Je '68.
- Effect of dithionite on xanthophyll transformation reactions. D.I. Seposhtnikov, A.G. Bulanova. Izv. Otd. biol. nauk AN Tadzh. SSR no. 1:107-109 '68.
- Effect of genetic factors on the photosynthetic apparatus of Arabidopsis thaliana (L.) Heyn. A.G. Krasnaya, U.K. Stoyanov. Fiziol. rast. 15 no. 3:422-426 My-Je '68.
- Effect of gibberellin and auxin on endocytotic cell excretion and peroxidase activity in corn mesocotyl cuttings. V.V. Pavlov, M.A. Shogunov. Fiziol. rast. 15 no. 3:561-563 My-Je '68.
- Effect of illumination during the initial developmental stage of tomatoes on the formation of their vegetative organs. L.G. Kuznetsov. Fiziol. rast. 15 no. 4:713-715 Ji-Ag '68.
- Effect of light and temperature on the primary production of homo unicellular green and diatomic algae. V.D. Fodorov, V.N. Mukimov, V.M. Khromov. Fiziol. rast. 15 no. 4:640-651 Ji-Ag '68.
- Effect of soil moisture and mineral nutrition on acetylation of tissues of three-line corn hybrid Dneprovskiy 99 and its parental forms. I.S. Zorokhin, G.Kil. Mikhailovskiy. Fiziol. rast. 15 no. 4:674-678 Ji-Ag '68.
- Effect of the source of potassium assimilated by plants on the metabolism of nitrogen substances in leaves as related to the organic acid metabolism in them. E.I. Raizer, O.I. Elisova. Fiziol. rast. 15 no. 3:488-497 My-Je '68.
- Effect of 2,4-dinitrophenol on the photochemical flowering reaction in *Rudbeckia hirta* Nutt. and *Xanthium pennsylvanicum* Willd. T.N. Konstantinova, N.P. Aksanova, A.A. Mikitina. Fiziol. rast. 15 no. 4:631-633 Ji-Ag '68.
- Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of *Rauwolfia serpentina* Benth. A.G. Volosovitch, V.I. Safonov, M.P. Salanova. Trudy Len. khim.-farm. inst. 21:102-107 '67.
- Electrophysiological study of the morphologically left and right forms of the Galber. L. and male of corn. S.N. Maslobrod, V.N. Lytkin. Trudy Kish. sel'khoz. inst. 46 no. 3:21-33 '67.
- Mayonoids of the *Dracopetalum nodulosum* Rupr. Report No. 2: Flavones and glycosides. M.F. Denikeova, V.I. Litvinenko, K.L. Stukkel. Trudy Len. khim.-farm. inst. 21:120-125 '67.
- Flow of assimilation products in sorghum under conditions of the brief interruption of night by light. V.S. Tsybulko, F.S. Isayev. Fiziol. rast. 15 no. 4:610-616 Ji-Ag '68.
- Formation of induced frost resistance in corn seedlings. V.F. Alt'morgol, A.N. Bukhol'tsev. Izv. SO AN SSSR no. 10 Ser. biol. mod. nauk. no. 2:40-56 Ag '67.
- Gas balance in aspen trunks as related to the development of decay caused by *Pectinaria tremulae* (Dond.) Bond. of Horst. V.A. Solov'ov. Mik. i fitopat. 2 no. 3:233-241 '68.
- Gluconic dehydrogenase and synthetases of amides in bean seeds. R.B. Aseeva, E.K. Martynova, Z.G. Evstigneva. Izv. AN SSSR Ser. biol. no. 4:594-593 Ji-Ag '68.
- Grebnikii, S.O. [Plant biochemistry] Blokhinina Vastanil. Lvov, Izd. Lvovskogo univ., 1967. 272 p.
- Growth and physiology of root formation in isolated leaves. A.G. Luchkov, T.M. Abullova. Fiziol. rast. 15 no. 4:688-695 Ji-Ag '68.
- Hypogaeic properties of the anatomical parts and the critical moisture of pea, fodder, bean, and lupine seeds. V.V. Mokarov and others. Trudy VNIIZ no. 56: 97-104 '66.
- Identification of the absorption frequencies of the hydroxyl and complex ester groups of lignin. M.S. Pliuchik, R.Z. Pen, A.V. Finkel'shteyn. Izv. vys. ucheb. zav.; Izv. zhur. II no. 1:131-133 '68.
- Influence of the morphological structure of the fiber on the formation of gel particles. I.S. Geles. Izv. vys. ucheb. zav.; Izv. zhur. II no. 1:134-137 '68.
- Isolation of E and F tropolones. O.V. Zelenko. Izv. vys. ucheb. zav.; Izv. zhur. II no. 1:37-40 '68.
- Keto and aldehyde acids from bleeding psophia spp. Z.G. Zvenigova and others. Dokl. AN SSSR no. 4: 1000-1010 Je '68.
- Localization of the receptor in the self-regulation system of potassium accumulation in sunflower plants as related to the hypothesis of cell carriers. D.B. Vuklanova, A.A. Zekharin. Fiziol. rast. 15 no. 4: 589-598 Ji-Ag '68.
- Mechanism of active ion transport in cells of blue-green algae. N.M. Mirzakhitova. Urb. biol. zhur. 12 no. 1: 6-8 '68.
- Mechanism of the absorption of carbon dioxide by plant leaves. Z.I. Zhebrakii, V.A. Gorbunov, N.S. Chaplygina. Fiziol. rast. 15 no. 3:416-421 My-Je '68.
- Metabolic activity of pea root rhizomes under labor deficiency. G.P. Barachenko, I.A. Shorin. Fiziol. rast. 15 no. 4:720-721 Ji-Ag '68.
- Methods of determining free and bound water in plant objects. V.P. Izvoshtikov, V.P. Fushinet. Fiziol. rast. 15 no. 4:733-734 Ji-Ag '68.
- Methods of evaluating water supply to root systems of a young spruce. V.N. Silov. Fiziol. rast. 15 no. 4: 722-723 Ji-Ag '68.
- Morphological and anatomical diagnostic characteristics of the *Chimaphila umbellata* (L.) Nutt. A.A. Trubachov. Trudy Len. khim.-farm. inst. 21:63-69 '67.
- Movement of cellulose in adult and young roots. I.S. Savol'teva. Fiziol. rast. 15 no. 4:717-719 Ji-Ag '68.
- Nature of the effect of photosynthetic products of plants grown in light of different spectral composition on the growth of isolated roots in sterile cultures. S.S. Zelnina, A.M. Shtinov, A.S. Nishporovich. Fiziol. rast. 15 no. 3:503-510 My-Je '68.
- On the 125th anniversary of the birth of K.A. Timiriazov. P. Gonkel'. Fiziol. rast. 15 no. 3:197-201 My-Je '68.
- Oxidative capacity of mitochondria and adenonitric phosphatase activity in conducting parts of sugar beet. T.A. Palladina. Fiziol. rast. 15 no. 4:684-689 Ji-Ag '68.
- Oxidative metabolism of carotene and its physiological role in leaf. V.S. Saakov. Dokl. AN SSSR no. 1: 241-244 My-Je '68.
- Oxidative phosphorylation in mitochondria of barley sprouts in the presence of gibberellin A3. F.L. Kalinin, Ch.M. Peltek. Ukr. biokhim. zhur. 40 no. 2: 210-214 '68.
- Panax ginseng C.A. Mey as an object to be introduced into Russian culture. I.I. Stepan, I.V. Grushchakii, R.G. Butenko. Trudy Len. khim.-farm. inst. 21:198-202 '67.
- Participation of ascorbic acid, hydrogen peroxide and iron in the reduction of nitrate by *Chlorocella*. I.N. Trubachov. Fiziol. rast. 15 no. 4:668-684 Ji-Ag '68.
- Participation of manganese compounds in photosynthesis. T.M. Potolova, E.A. Dotschenko. Fiziol. rast. 15 no. 3:340-345 My-Je '68.
- Photochemical oxidation coefficient in mitochondria isolated from wilting plant tissues. V.N. Zhukovskiy, A.B. Rogachev. Fiziol. rast. 15 no. 3:537-545 My-Je '68.
- Photochemical relationship between chlorophyll and photolipone. V.B. Evstigneva, N.A. Sadovnikova, G.D. Olovianishnikova. Mol. biol. 2 no. 1:21-28 Ja-F '68.
- Physiological and biochemical changes in bean seedlings in a constant magnetic field. G.A. Tarakanova. Fiziol. rast. 15 no. 3:450-456 My-Je '68.
- Physiological rhythms in plant systems; based on diurnal local movement rhythms. B.Kh. Gurevich, A. A. Ioffe. Fiziol. rast. 15 no. 3:443-449 My-Je '68.
- Physiological variability of anemophilic fungus *Beauveria basiana* (Bals.) Vuill. induced by physical and chemical mutagens. R.V. Krasanova. Mik. i fitopat. 2 no. 3:183-193 '68.
- Phytochemical study of *Chimaphila umbellata* (L.) Nutt. A.A. Trubachov. Trudy Len. khim.-farm. inst. 21:178-182 '67.
- Photosynthetic phosphorylation in chloroplasts of normal and chlorotic plants. N.A. Zaitseva, L.K. Ostrovskaya. Fiziol. rast. 15 no. 3:484-488 My-Je '68.
- Possibility of the participation of biopotentials in water uptake by plants. T.V. Samoilov. Fiziol. rast. 15 no. 4:700-712 Ji-Ag '68.
- Protective action of salt solutions during freezing of plant cells. G.A. Samygin, M.M. Mal'nev. Fiziol. rast. 15 no. 3:562-566 My-Je '68.
- Relationship between the content of manganese and the accumulation of tannins and arbutin in *Vaccinium vitis idaea* L. leaves. S.V. Kalashnikova, L.D. Maseeva. Trudy Len. khim.-farm. inst. 21:134-136 '67.
- Relationship between the respiratory intensity and super-weak root luminescence in *Cucumis sativus*. T.F. Korotkova and others. Dokl. AN SSSR no. 4:1005-1007 Je '68.
- Reproduction of the *Agrostis capillaris* Trin. in the Volga Delta. A.P. Chuzhikov. Izv. SO AN SSSR no. 2:230-236 '68.
- Regulation of growth and flowering and also the changes in the stored substances of some biotrophic woody plants in the Tiflis and Batumi botanical gardens. M.S. Bilalishvili. Trudy Tbil. univ. 16:124-135 '67.
- Role of conducting stem bundles in long-distance translocation of assimilation by means of hydrocolloid pulsed. A.M. Shtinov, V.V. Gushakov. Fiziol. rast. 15 no. 4:677-682 My-Je '68.
- Role of the temperature factor in the interruption of seed dormancy in dogwoods. V.G. Iudin. Izv. vys. ucheb. zav.; Izv. zhur. II no. 1:167 '68.
- Some data on the response of perennating grasses to mineralization. A.K. Pevonov. Fiziol. rast. 15 no. 3:459-476 My-Je '68.
- Some physiological characteristics of mutant forms of corn obtained from line VII 44. Preliminary report. K.I. Stepanov. Trudy Kish. sel'khoz. inst. 46 no. 3: 78-82 '67.
- Some structural characteristics of the seeds of the *Sophora* L. genus and related to its genera in relation to their systematization and phylogeny. G. I. Lazkov, N.V. Byrovezhko. Trudy Len. khim.-farm. inst. 21: 99-98 '67.
- Spectrophotometric determination of anthracene derivatives in the bark of *Fringilla alba* Nutt. P.G. Smolenskaya, K.L. Stukkel. Trudy Len. khim.-farm. inst. 21:171-176 '67.
- Statistical distribution of cytoplasm and chloroplast velocities at various temperatures. S.V. Tagayeva, E.M. Kravtsev. Fiziol. rast. 15 no. 3:402-406 My-Je '68.
- Study of alkaloids of the comfrey *Symphyllum asperum* L. opoch. Report No. 2. I.V. Man'ko, B.K. Kutovskiy, V.I. Stularenko. Trudy Len. khim.-farm. inst. 21: 137-143 '67.
- Study of the developmental process in the microclorotic form of *Verrucillium dahliae* Kleb., a causative agent of cotton wilt. M.A. Bondarova. Mik. i fitopat. 2 no. 3:173-177 '68.
- Study of the effect of mutagenic factors on changes in the resistance of corn to smut. V.N. Lytkin, Z.A. Orlovskiy. Trudy Kish. sel'khoz. inst. 46 no. 3:164-161 '67.
- Steroid accumulation in sugar beet roots. O.S. Engol', V.P. Khodoshin, L.A. Doronikova. Fiziol. rast. 15 no. 4:610-621 Ji-Ag '68.
- Transformation of C^{14} -labeled phenol compounds in isolated leaf plant shoots. M.K. Zapravskiy, V.A. Bushanova. Fiziol. rast. 15 no. 3:457-463 My-Je '68.
- Tryptophan content in vegetative mass of yellow lupine. I.G. Sirelkov, A.G. Kholodov. Fiziol. rast. 15 no. 3: 563-565 My-Je '68.
- Water balance in grafts of Siberian pine (*Pinus sibirica* DuRoi), H.F. Kharinova. Izv. SO AN SSSR no. 10 Ser. biol. mod. nauk. no. 2:72-76 Ag '67.

561.1 (471) — Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Content of manganese in some medicinal plants depending on the conditions of their growth in the northwestern part of the R. S. F. S. R. I.D. Maseeva, G.I. Korolova. Trudy Len. khim.-farm. inst. 21:146-156 '67.

561.1 (471.23) — Leningrad Province

Chemical study of *Archangelica officinalis* (Moench) Hoffm. cultivated in Leningrad Province. I.D. Mikhaylov, P.E. Rozensvolg. Trudy Len. khim.-farm. inst. 21:126-133 '67.

561.1 (479) — Caucasus and Transcaucasia

Flavonoids of the *Geniana sibirica* Pall. Report No. 3. I.K. Nikitina, T.V. Bukreova. Trudy Len. khim.-farm. inst. 21:182-186 '67.

Materials for phytochemical study of some representatives of the *Centaurium* family growing in the northwest part of the Caucasus. Report No. 2. I.K. Nikitina. Trudy Len. khim.-farm. inst. 21:159-161 '67.

Materials for the study of the chemical composition of *Hieracium ascaroskyi* Manden. O.F. Siphukina, P.E. Rozensvolg. Trudy Len. khim.-farm. inst. 21:107-110 '67.

561.1 (6) — Asia

Mineral composition of some plants used in medicine in Tibet. L.D. Maseeva, K.F. Dlinova. Trudy Len. khim.-farm. inst. 21:144-146 '67.

561.1 (571.6) — Soviet Far East

Prospecting for physiologically active substances in the Transbaikalian flora. K.F. Dlinova, R.E. Pimenov, M.G. Pimenov. Trudy Len. khim.-farm. inst. 21: 108-119 '67.

561.1 (576.3) — Tajik S. S. R.

Chemical composition of some species of the genus *Astragalus* L. in Tajikistan. M.M. Ikramova, E.P. Trofimova. Izv. Otd. biol. nauk. AN Tadzh. SSR no. 1: 27-31 '68.

561.2 Plant diseases, injuries, malformations, pests

Effect of mutagenic factors on the causative organism of corn smut, *Ustilago Zeae*. I.E. Sidanko, Z.A. Orlovskiy, M.D. Gorluk. Trudy Kish. sel'khoz. inst. 46 no. 3:72-77 '67.

Factors determining the dynamics of the ophiolytic of snow blight. V.G. Lazkov. Izv. vys. ucheb. zav.; Izv. zhur. II no. 1:165-166 '68.

[illegible]

Life of various ways of pollen pollination in the *Heritiera* spp. (Leguminosae). L.I. Seriktskaya. Uzb. dokl. nauch. issled. 1979, 14, 74.

Hygroscopic properties of the branched parts and the chemical structure of pea, lucifer, bean, and lupine seeds. V.S. Lukatskiy and others. Trudy VNIIZ, no. 56, 91-92, 1979.

Interregeneration of *Lentis corniculatus* L. M.M. Cherkashina. Ruk. VOIF, Otd. biol. 72 no. 6, 93-100, 1979.

Life of leaves in pollen grain membranes of the corn *Zea mays*. M.L. Brink, V.N. Lyskov. Trudy Kish. sel'sk. khoz. 40 no. 3-4, 37-47.

Polymerorphism of tetrahedral fern spores in Tajikistan. I.S. Riazkova. Nauch. dokl. vys. shkoly: biol. nauki (no. 7, 66-69, '88).

† *Paraceras* from new species of the families Davalliaceae and Aspladaceae from the Upper Cretaceous, Paleogene of Western Siberia. A. V. Skuratenko, Paleont. zhur., 6, 1115-121 Jan. 1966.

Effect of the natural radioactivity of rocks on morphological characteristics. F. P. Krenselov, Izv. SO AN SSSR, no. 12 Ser. biol. med. nauk, no. 2:16-43, Apr. '67.

Electron microscopic study of some generative and vegetative organs of a triploid corn mutant. V. N. Lysikov, P. I. Brink, I. U. M. Bregzhov, Tudy Kish, sel'khoz. inst., 44, no. 3:40-44, '67.

Evolution of the extremities of grasses (Cladistics). A. A. Godina. Bul. MOIP, Old Biol. 72, no. 6:117-117, N.D. '67.

Material for the atlas of the ultrastructure of cells of different organs of the corn plant Zea Mays. P. L. Brink, Tudy Kish, sel'khoz. inst., 45, no. 3:52-54, '67.

Morphoanatomical structure of Glycyrrhiza glabra L. seeds and embryos. I. I. K. Saidov, A. A. Shamsutdinova. Fiziol. zhur., 12, no. 1:45-48, '68.

Morphology of the germination of Panax ginseng, C. A. Mey. and the structure of its embryo and scellling. I. I. Shepar. Izv. inst., 4, no. 2:195-205, '68.

Nystrophism in walrus (Luganus regia L.) and its formation conditions. N. M. Shkematova, O. O. Mazur. Izv. AN SSSR, Ser. biol., no. 4:517-520, 31 Aug. '68.

Study of the corn leaf mesophyll under an electron microscope. V. N. Lysikov, L. A. Karpova, Tudy Kish, sel'khoz. inst., 45, no. 3:49-51, '67.

Ultrastructure of the half of the leaf down of a corn mutant. V. N. Lysikov, P. I. Brink, L. A. Karpova. Tudy Kish, sel'khoz. inst., 46, no. 3:39-39, '67.

Anatomic characteristics of actual shoots of some fruit plants of Tajikistan. M. I. Savchenko, A. A. Ashurov. Izv. Otd. biol. nauk AN Tadzh. SSR, no. 1-3, 26 '68.

Effect of some environmental factors on the development of *Leptomitium lacteum* Ag. T. G. Kovotilla, Mik. I fitopat. 2 no. 3 193-168 '68.

Intraspecific competition on biological and ecological problems of edifiers and subedifiers of plant communities. A. I. Pateev, Mik. I fitopat. 2 no. 3 280 '68.

Mushrooms of some spruce and pine forests of Leningrad Province. E. L. Nerzdol'minego, Mik. I fitopat. 1 no. 2 151-157 '67.

Rodin, L. E., N. P. Romezov, and N. I. Ryzovlevich. [Methodological instructions in studying the dynamics and biological cycle in phytoenoses.] Metodicheskie ukazaniia k izucheniiu dinamiki i biologicheskogo krugovorota v fitotsenozakh. Leningrad, "Nauka," 1968. 143 p.

Study of the competitive ability of weeds and cultivated plants in connection with the application of herbicides. V. A. Zakharenko. Khim. v sel'khoz. 8 no. 6 47-52 Je '68.

by some brown algae and the effect of the seawater salinity on the coefficient of accumulation, V.S. Zlobin, *Okeanologia* 8 no.1:78-85 Jan '68.

Effect of ammonia nitrogen on cell division, photosynthesis and the accumulation of pigments of *Scenedesmus coscinatus* (Grev.) *Chaetoceros* sp. and *Prorocentrum micans* Ehr. L. N. Zgurovskaya, and G. Kustenko, *Okeanologia* 8 no.1:118-125 Jan '68.

561 5471.221—Korotkiy A. S. S. R.

Some data on the biology of hair grass and common mat grass as dominant species in meadow plant communities. V. A. Zaikova, Uch. zap. Petrozav. gos. un., 14 no. 3: 197-201 '85.

Characteristics of water balance in swamp forests of
the Tavda-Kuma interfluve, N. I. Strel'tsin, Izv. SO
AN SSSR no. 10 Ser. biol. med. nauk, no. 2-77-01
Ag '87.

Natural successors of forests in the floodplain of the middle Poreya Valley. V.S. Stuga. Izv. SO AN SSSR no. 10 Ser. bot. med. nauk. no. 2-86-80 Ag '87.

Trees and shrubs in floodplains of Onon and Ingoda Rivers. A. I. Zarubin. Izv. SO AN SSSR no. 10 Ser. bot. med. nauk. no. 2-82-85 Ag '87.

Role of ecology, climate, anthropogenic and landform-historical factors in determining the composition of halophyte communities of the Baraba Forest Steppe. K. A. Kurkin. Biol. MOP. Old. Biol. 72 no. 6: 68-79 N-D '87

Behavior of various ecologic groups of steppe plants during drought periods. A. A. Gorshkova, A. I. Spivak, L. V. Podmeshtal'skaya. Izv. SO AN SSSR no. 10 Ser. Biol. med. nauk, no. 2:63-66 Aug '87.

Characteristics of carbohydrate content in leaves of main representatives of different vegetation of the Gieser Range. K. A. Mittakina, Izv. Old. biol. nauk AN Tadzh. SSR no. 1:27-41 '68.

Some data on nectararies of *Iribiscus candelabrus* Z. A. D. Nesmetanov, Uzb. biol. zhur. 12 no. 1:38-39 '68.

Anatomical study of *Aspicarpa setacea* Juz. A. I. I.
 Poraginova, B. I. Khazarovich, Uzb. biol. zhur. 12 no. 1:49-51 '68.

Morphoanatomical structure of *Glycerhiza glystin* L. seeds and embryos. D. K. Saidov, I. A. Shamsuvallova
 Uzb. biol. zhur. 12 no. 1:45-46 '68.

Morphology of the germination of *Parax glaucus* C. A. Mey. and the structure of its embryo and seedling.
 I. I. Stepan. Russ. rev. 4 no. 2:195-205 '68.

Ontogenetic polyplody in carpels of thistles of graminaceous plants. E. V. Ivankovskaya. Izv. AN SSSR. Sor. biol. no. 4:907-916. K. J. '68.

Some anatomical data on *Sapotaria officinalis*. D. N. Nizozov. Uzb. biol. zhur. 12 no. 1:41-44 '68.

Ecological desert types. E. N. Blagoveshchenskii. Dokl. Akad. Nauk SSSR II no. 1:82-86 '68

Notes on the systematization and geography of the Sphaeria L. genera and related genera. G. P. Lakovlev. Trudy Len. khim. i arm. inst. 21: 42-62 '67.

Spirosphaera floriformis Boveri & J. A new hyphomycete in the U. S. S. R. G. R. W. Arnold. Mik. i litopat. I no. 2:183 '67.

Floristic findings in lower Dagestan. P. P. Solov'ov.
Nauch. dokl. vys. shkoly: biol. nauk II no. 7:78-82 '68.

Defining the western limits of the Nordmann Jr., Abies Nordmanniana Spach on the Trialet Range. I. P. Abdulsadze, V. I. Mirzashvili. Trudy Tbil. inst. leon 10:3-6 '67.

Historic studios of Siberia during the last 50 years.
L. P. Sergievskaya. Izv. SO AN SSSR no. 10 Ser. biol.
med. nauk. no. 2:3-7 Ag '67.
History of the research of the

681. 0(5)—Asia
Genus *Sophora* L., the selection *Pseudosophora* DC.
and *Keyserlingia* (BGE.) Yakovl., in the Near and
Middle East (Turkey, Syria, Iraq, Iran, Afghanistan,
and Pakistan). G. P. Yakovlev, Trudy Len. khim.-
farm. inst. 21:63-67 '67.

Chemistry of the *Sophora* L. genus. K. F. Dtinova, G. M. Arkhipova. Trudy Len. khim. -farm. inst. 21:100-108 '67.

Chenopodium species structure in the Akkarak A.S.S.R., V. G. Kuznetsov, Trudy Tbil. Inst. Lech. 1970, No. 6, p. 52 '67.

Multicellular form of *Pilea domowskyi* Nakai, B. O. G. Galushvili, Trudy Tbil. Inst. Lech. 1970, No. 6, p. 53 '67.

Notes on the systemization and geography of *Celastraceae* genus and related genera, G. P. Iakobson, Trudy Leningr. univ., ser. biol. 24:42-62 '67.

Possibility of using pondnalliger rattail (*Rattus rattus*) as medicinal plants, U. M. Sokolova, Trudy Tbil. Inst. Lech. 1970, No. 6, p. 53-54 '67.

Reform of fruit nomenclature proposed by N. S. Kiselev and M. E. Klimentyev, Bot. MOIP, Chel. 1970, No. 10:101-108, N. 11 '67.

Some structural characteristics of the seeds of the *Sophora* L. genus and related to it genera from their phylogenetic systematics and phylogeny, V. I. Zakharov, N. V. Syrovatko, Trudy Leningr. univ., ser. biol. 24:90-98 '67.

Study of the properties and composition of *Asteris officinalis*. Prospects of its use in medicine, V. M. Dzhuman and others, Vopr. lek. 1970, No. 7:30-31 '67.

Phytoplankton of low stretches of the Rappahannock River in the tidal River, V.N. Rappahannock, Va., U.S. OMJ no. 81-68-11 '85.

Phytoplankton of the Lake Baikal. *Dokl. Akad. Nauk SSSR*, 1965, 205: 103-105.

Materials on the geographical distribution of species of the Colophoninae Wall. family. B. M. G. P. Iakovlev. Trudy Len. khim.-zapovedn. 30: 35 '67.

Adverse effects of dehydration and high temperature on photosynthesis in Helium. M. G. Bland, *et al.* AN 5551 no. 10 For. Indul. Ind. Week, no. 237, Aug. '07.

Asporangium rondonellianum Kamyar'skaya sp. nov. 1957
from soil. U. P. Kamyariko, Mikh. 1957. 2. 1. 1957
2. 1. 1957. 2. 1. 1957.

ant yeast organisms. U. A. Latikova, B. D. I. u
Mikrobiologiya 37 no. 3:418-451 May 1960

Characterization of anaplogetic yeasts

Elinov, M. D. Burkhov. Mikrobiologiya. 31 no. 23
200 Mr-Apr '08.

Comparative study of nickel acetylacetonate complexes with
oxidizing microorganisms. V. A. Gushchik, V. I.

St. A. Mikhov. Mikrobiologiya 37 no. 2-3:235. 1968.
Apr '68.
Direct effect of Cloud γ -irradiation on growth of

Effect of environmental conditions on the development of Plasmodium brassicae Wor. M. F. Vaidya and V. M. Dhillon. B.A. Technical Agriculture, India.

accumulation of reserve carbohydrates and the inhibition of sterols in yeast. T. S. Litvinova, H. H. Gal'tanova. *Mikrobiologiya* 32 no. 2:272-279, 1967.

Phylomyces lacteus Ag. T.G. Kokolila, M.,
Mopat. 2 no. 3; 103-106 '68.
Phylomyces strain 20-0, producer of amylose

Kalt. E. G. Vorontsa, Mik. i fitopat. 2 no. 33: 281 '66.

134-136 '00. Flavinogenesis rate in *Canthida guilfordensis* during logarithmic growth phase and the changes in the

Forecasting the duration of incubation period of
Phytolhora inflorescens (Mont.) D. By. on tomatoes

of Boris. V. A. Solov'ev. Mkh. (Mopat, 2 no. 1: 241 '68.

- Germa Calceolola* Sacc. in the U.S.S.R. T. I. Nikolaeva. Mik. i fitopat. 2 no. 3:108-202 '68.
- Growth and development of phytopathogenic fungi in soil. T. S. Skliagin, Izv. SO AN SSSR no. 10. Ser. biol. med. nauk. no. 2:104-111 Ag '67.
- Intraspecific heterogeneity of *Macrosporium adani* Ell. et Mart., a causative agent of early blight spot in potatoes. Z. I. Remova, V. G. Ivanuk, Mik. i fitopat. 2 no. 3:202-209 '68.
- Long-term forecasting of apple scab caused by *Venturia inaequalis* (Cke.) Wint. under different ecologic conditions. I. A. Shifman, Mik. i fitopat. 2 no. 3:228-232 '68.
- Mechanism of active ion transport in cells of blue-green algae. N. M. Mirsalikhova. Uzb. biol. zhur. 12 no. 1: 6-9 '68.
- Microflora of soils, water of underground lakes, and of different types of ice of the Kungur ice cave. E. S. Lisina-Kulik, L. D. Barsukova. Mik. i fitopat. 1 no. 2: 140-146 '67.
- New data on sclerolite diseases of tulips. L. P. Protchenko. Mik. i fitopat. 2 no. 3:252-253 '68.
- New species of *Verticillium fungorum* Sacc., isolated from cotton. L. O. Seman, Mik. i fitopat. 2 no. 3: 245-248 '68.
- Nuclear apparatus of *Piricularia oryzae* Br. et Cav. in ontogeny. L. K. Bagautdinova, N. V. Matekovich. Mik. i fitopat. 1 no. 2:120-130 '67.
- Physiological variability of entomopathogenic fungus *Beauveria bassiana* (Bals.) Vuill., induced by physical and chemical mutagens. R. V. Khranov, Mik. i fitopat. 2 no. 3:183-193 '68.
- Preservation time of the fungus from the genus *Puccinia* in encephalograms. I. M. Golosov, A. N. Bolushkina, M. G. Koval'skaya. Mik. i fitopat. 1 no. 2:184-185 '67.
- Reduction of pesticides by *Candida tropicalis* cell extracts. I. U. Karashevich, A. P. Ivanova. Mikrobiologiya 37 no. 2:201-208 Mr.-Ap '68.
- Relationship between separate classes of lipids synthesized by *Blakeslea trispora* during its growth as related to carotenogenesis. E. G. Dedukhina, M. N. Bekhtereva. Mikrobiologiya 37 no. 2:245-250 Mr.-Ap '68.
- Relationship between the causative agents of *Verticillium* wilt of plants and actinomycetes. A. N. Ezrukht. Mik. i fitopat. 1 no. 2:104-109 '67.
- Role of oxygen balance in the vital activity of some blue-green algae. L. A. Sirenko and others. Mikrobiologiya 37 no. 2:238-244 Mr.-Ap '68.
- Sporophthora horformis* Dvorzhik, a new lymphomycete in the U.S.S.R. D. R. W. Arnold. Mik. i fitopat. 1 no. 2:183 '67.
- Study of biological properties of aflatoxins of *Aspergillus flavus* isolated from bran and husk of pomegranate. Kh. I. Kalcheev. Vop. pit. 27 no. 1:83-84 Ja.-F '68.
- Study of carotenoid pigments in two *Rhododendron rubra* strains. Kr. Ryzanov, V. Simenova. Mikrobiologiya 37 no. 2:235-238 Mr.-Ap '68.
- Study of the developmental process in the microscopical form of *Verticillium dahliae* Kleh., a causative agent of cotton wilt. M. A. Boniarskaya. Mik. i fitopat. 2 no. 3:173-178 '68.
- Taxonomy of some phytopathogenic species of the genus *Verticillium* in the U.S.S.R. T. I. Nikolaeva, T. A. Davydina. Mik. i fitopat. 1 no. 2:173-178 '67.
- Trypan-blue transformation by *Aspergillus niger*. T. I. Dvornikova, O. K. Sariabli, N. N. Suvorov. Mikrobiologiya 37 no. 2:223-232 Mr.-Ap '68.
- Xylaphilous microfungi inhabiting grapevine. A. A. Elchilova. Mik. i fitopat. 1 no. 2:187 '67.
- Yeast flora of honeydew (*Apis mellifera* L.). A. I. Egorova, I. P. Bab'eva. Izv. SO AN SSSR no. 10. Ser. biol. med. nauk. no. 2:127-132 Ag '67.

582.2(285)—Lakes, ponds, etc.

- Algae of the ponds of the southern districts of Omsk Province. I. M. Ermolaeva. Nauch. trudy OMI no. 61: 39-45 '65.

582.2(471.23)—Leningrad Province

- Mushrooms of some spruce and pine forests of Leningrad Province. E. L. Nezdolnogo. Mik. i fitopat. 1 no. 2:161-167 '67.
- Phyllachora kordii* Pelt., sp. nov. discovered in Leningrad Province. N. L. Polozova. Mik. i fitopat. 2 no. 3:245-246 '68.

582.2(471.322)—Lipetsk Province

- Flora of fungi imperfecti on wild leguminous plants of the upper Don Valley. A. I. Rishchova. Mik. i fitopat. 2 no. 3:210-214 '68.

582.2(474.3)—Latvian S.S.R.

- New and rare species of the genus *Ramularia* Sacc. from the Latvian S.S.R. K. K. Vimbis. Mik. i fitopat. 2 no. 3:242-243 '68.

582.2(479)—Caucasus and Transcaucasia

- Third Transcaucasian Conference of Spore Plants. N. A. Cherepanov. Mik. i fitopat. 2 no. 3:258-259 '68.

582.2(571.15)—Altai Territory

- Purple spot disease of raspberry caused by *Didymella applanata* (Nisell) Sacc. in Altai Territory. A. N. Kalmichonko. Mik. i fitopat. 2 no. 3:220-223 '68.

582.2(571.6)—Soviet Far East

- New species from the genus *Boletus* from the southern Far East. M. M. Nazarova. Mik. i fitopat. 1 no. 2:186-187 '67.

582.2(571.63)—Maritime Territory

- Microscopic fungi of soils of the Maritime Territory used for vineyards. L. N. Egorova. Mik. i fitopat. 2 no. 3:160-163 '68.

582.2(575.3)—Tajik S.S.R.

- Polymorphism of tetrahedral fern spores in Tajikistan. L. S. Rakhova. Nauch. dokl. vyz. shkoly; biol. nauki II no. 7:68-69 '68.
- Tortula flagellata* Lindb. among mosses of the Pamir-Alai. U. K. Mamatkulov. Dokl. AN Tadzh. SSR 11 no. 1: 67-69 '68.

582.4 Seed plants

- Age-related state of *Festuca pratensis* Huds. L. M. Ermakova. Nauch. dokl. vyz. shkoly; biol. nauki II no. 7:70-71 '68.
- Chemical study of plants of the genus *Rhododendron* L. N. V. Belova. Rast. res. 4 no. 2:258-272 '65.
- Children's poisoning cases with fruits of *Frangula alnus* Mill. A. D. Smirnova, A. K. Urakova. Rast. res. 4 no. 2:217-218 '68.
- Chromatographic division of *Phaseolus aureus* Roxb. (Pip.) seed proteins on hydroxylapatite. V. V. Saianova, La Van Ty. Nauch. dokl. vyz. shkoly; biol. nauki II no. 7:80-100 '68.
- Essential oil from the roots of *Puccinellia palustris* Knecht., an oilseed plant. S. A. Kozhin, G. G. Semchenko. Rast. res. 4 no. 2:193-198 '68.
- Formation of pine stands on various soil types. V. N. Gabev, L. M. Gadzhiev. Izv. SO AN SSSR no. 10. Ser. biol. med. nauk. no. 2:67-71 Ag '67.
- Introduction of *Daucus carota* L. geraniol-containing plant. In Molodova. G. V. Pignolevskii, V. I. Kovaleva, G. I. Meshcherik. Rast. res. 4 no. 2:174-183 '68.
- Isolation and content of essential oil in *Aesopum europaeum* L. T. A. Suslova, I. S. Sharygina. Rast. res. 4 no. 2:173-178 '65.
- Manganese effect on the content of tanning substances in *polygonum viviparum* L. seedlings. L. A. Levandov, L. T. Ordynets. Rast. res. 4 no. 2:227-230 '68.
- Micropropagation of *Lolium comculatum* L. M. M. Chabirko. Rul. MOIP. Od. biol. 73 no. 6:93-100 N-D '67.
- Morphology of the germination of *Panax ginseng* C. A. Mey. and the structure of its embryo and seedling. L. I. Elipina. Rast. res. 4 no. 2:195-203 '68.
- Pollakov, P. P. [Taxonomy and origin of Compositae] *Sistematika i protekshionnye slozhivatelnykh. Alina-Ata, "Nauka," 1967, 330 p.*
- Senile accumulation dynamics in *Artemisia cina* Berg. ex Poljak. L. K. Izylov, G. H. Baitabova. Rast. res. 4 no. 2:169-168 '68.
- Study of triterpenoids and flavonoids from *Rhododendron caucasicum* Pall. E. T. Oganesian, V. A. Bantukova, A. L. Shikurenko. Rast. res. 4 no. 2:240-243 '68.
- What kind of maps are needed for studying the resources of wild medicinal plants. D. S. Ivashin. Rast. res. 4 no. 2:223-229 '68.

582.4(471.311)—Moscow Province

- New occurrence of *Epiglossum aphylum* (Schmidt) Sw. in Moscow Province. O. I. Zigorodina. Nauch. dokl. vyz. shkoly; biol. nauki II no. 7:83-80 '68.

582.4(470.24)—Azerbaijan S.S.R.

- Study of sugar, protein and cellulose content in leaves of selected types of mulberry tree during summer and fall season. I. K. Abdullayev and others. Dokl. AN Azerb. SSR 23 no. 11:47-50 '67.

582.4(571)—Asiatic R. S. F. S. R.

- Boundary between Daurian and Siberian larch ranges. L. I. Mitina, V. P. Kustaf. Izv. SO AN SSSR no. 10. Ser. biol. med. nauk. no. 2:91-97 Ag '67.
- Water balance in grafts of Siberian pine (*Pinus sibirica* DuRoi) L. N. F. Khranov. Izv. SO AN SSSR no. 10. Ser. biol. med. nauk. no. 2:72-76 Ag '67.

582.4(571.58)—Yakut A.S.S.R.

- Fungus tree and pine diseases in southwestern Yakutia. N. F. Elchilova. Izv. SO AN SSSR no. 10. Ser. biol. med. nauk. no. 2:68-103 Ag '67.

582.4(575)—Central Asia

- New tanning substances from leaves of the family Geraniaceae of Central Asia. K. Z. Zukhruf and others. Rast. res. 4 no. 2:211-218 '68.

582.4(575.3)—Tajik S.S.R.

- Almond mycorrhiza from Tajikistan. O. P. Mazur. Mik. i fitopat. 1 no. 2:146-151 '67.

69 ZOOLOGY

591 General zoology. Animal biology

591(265)—Pacific Ocean

- Zoological studies during the expedition aboard the ship "Baikal" in the northern and southern parts of the Pacific. V. E. Bekker. Zool. zhur. 47 no. 6:866-867 Ja '68.

591(571)—Asiatic R. S. F. S. R.

- Work of the 1st session of the Regional Council on Zoological Problems of Siberia. A. I. Cherepanov. Zool. zhur. 47 no. 6:864-865 Ja '68.

591.1 Animal physiology

- Comparative characteristics of the electric activity of the posterior corpus bicomplex in bats following changes in the duration of an ultrasound stimulus. A. G. Veselov. Zhur. vyz. nerv. deiat. 18 no. 3:512-515 Mye-Je '68.
- Comparative study of the plexus of nuclei of the retinal pigment epithelium as related to its growth and differentiation in newts and rats. O. G. Sirova, V. A. Brodskii. Zhur. ob. biol. 29 no. 2:177-185 Mr.-Ap '68.
- Differences in the configuration of evoked responses of the geniculocortical cortex in cats. N. I. Melnik, A. D. Vorob'eva. Zhur. vyz. nerv. deiat. 18 no. 3:500-506 Mye-Je '68.
- Effect of chronic hypoxia on the estrual reaction of normal and castrated rats. Kh. N. Mukhitdinova. Izv. Oit. biol. nauk AN Tadzh. SSR no. 1:95-98 '68.
- Effect of chronic hypoxia on the sensitivity to insulin. Zh. V. Bolotina. Izv. Oit. biol. nauk AN Tadzh. SSR no. 1:112-114 '68.
- Effect of prolonged activity of vestibular and optokinetic stimuli on the reaction of adapting the rhythm of phasic flashing in the brain in rabbits. N. P. Godeeva, V. A. Hramov. Zhur. vyz. nerv. deiat. 18 no. 3:494-499 Mye-Je '68.
- Effect of some components on the activity of acetylcholinesterase in the pigeon liver. V. S. Rodionov, S. O. Tseretopodova, I. S. Zakharova. Uch. zap. Petrozav. gos. un. 14 no. 3:133-138 '68.
- Functional connections of the nuclei of the striatal system in monkeys. G. A. Krasnov, G. A. Kurav. Zhur. vyz. nerv. deiat. 18 no. 3:440-455 Mye-Je '68.
- General annual meeting of the Department of Physiology of the Academy of Sciences of the U.S.S.R. K. A. Lange. Izv. AN SSSR. Ser. biol. no. 4:621-623 Ji.-Ag '68.
- Glyco- and lipoproteins in the blood of mink, polar fox and common fox. V. A. Borosov and others. Uch. zap. Petrozav. gos. un. 14 no. 3:46-49 '68.
- Interaction of visual and auditory afferentation in the corpus geniculatum laterale in rabbits. F. A. Kuman, V. G. Skrobittskii. Zhur. vyz. nerv. deiat. 18 no. 3: 507-513 Mye-Je '68.
- Intoxication of some biochemical indices of milk and blood in cows of the Finnish breed and its hybrids. E. P. Karmanova, G. N. Nikolaeva. Uch. zap. Petrozav. gos. un. 14 no. 3:32-37 '68.
- Krasnov, G. A. D. [Tolergona] - chemical relationship among animals. Tolergona - khimicheskoe sredstvo vozdeistviya zhivym. Moskva, "Nauka," 1968. 107 p. (Nauch.-popul. ser.).
- Phonic activity of neurons as reflection of specific biological state in animals. I. S. Krasov. Dokl. AN SSSR 100 no. 1:248-250 Mye-Je '68.
- Possible stimulation of the physiological regeneration of the cerebral nerve tissue in mammals. K. I. Roznikov. Zhur. ob. biol. 29 no. 2:188-198 Mr.-Ap '68.
- Quantitative characteristics of myoglobin of *Eurypterus cristatus*. P. A. Korshikov, T. N. Glazova, I. O. Altshirskaya. Dokl. AN SSSR 160 no. 2:400-500 My '68.
- Isolation of cells of the phasic and tonic type of the optic center in frog to change in stimulus duration. I. I. Mikhryukov, V. O. Smirnova. Dokl. AN SSSR 160 no. 2:501-501 My '68.
- Role of cell mechanisms in the adaptation of the organism to high temperatures. A. I. Uzunov. Uzb. biol. zhur. 12 no. 1:12-17 '68.
- Role of the duodenal in the regulation of glycemia. S. A. Shteln. Uch. zap. Petrozav. gos. un. 14 no. 3:117-110 '68.
- Significance of the polyvital extremes in temperature regulation reactions in lions. N. I. Zhukov. Uch. zap. Petrozav. gos. un. 14 no. 3:91-94 '68.
- Some biochemical indices of the blood and milk in *Ayrshire* cattle. A. I. Boigov. Uch. zap. Petrozav. gos. un. 14 no. 3:26-30 '68.
- Some mechanisms of non-endermic humoral regulation in the frog retina. M. A. Ostrovskii, L. M. Zerkale. Trudy AN Lit. SSR. Ser. V no. 3:91-98 '67.
- Variability and species specificity of the protein spectrum in fish blood serum. V. I. Luk'yanenko, S. I. Sedov. Zhur. ob. biol. 29 no. 2:203-219 Mr.-Ap '68.

591.1(471.22)—Karelian A.S.S.R.

- Materials on the reproduction of the Karelian muskrat population. E. V. Ivanov. Uch. zap. Petrozav. gos. un. 14 no. 3:109-116 '68.
- Squirrel nutrition in Karelia and significance of the fodder factor in changes in their numbers. E. V. Ivanov, M. P. Lohkova. Uch. zap. Petrozav. gos. un. 14 no. 3:100-108 '68.

591.2 Animal diseases, injuries, malformations, etc.

- Diagnosis of fatty degeneration of the liver in mink. V. A. Beresov, A. P. Rodnikov. Uch. zap. Petrozav. gos. un. 14 no. 3:80-84 '68.
- Material on the pathogenesis of diphyllorhiza in polar foxes. V. A. Beresov. Uch. zap. Petrozav. gos. un. 14 no. 3:57-61 '68.
- Results of examining fur-bearing animals for trichinosis. V. A. Beresov and others. Uch. zap. Petrozav. gos. un. 14 no. 3:62-63 '68.
- Results of treatment of mink for fatty degeneration of the liver: preliminary report. V. A. Beresov, A. P. Rodnikov. Uch. zap. Petrozav. gos. un. 14 no. 3:55-58 '68.

591.2(471.22)—Karelian A.S.S.R.

- Rare species of rodents in Karelia and their role in the foci of transmissible diseases. I. F. Andreev. Uch. zap. Petrozav. gos. un. 14 no. 3:95-98 '68.
- Study of the gamasid mites (Gamasoidea, Parasitiformes) and the water vole (*Arvicola terrestris* L.) in Karelia. N. A. Marshakova. Uch. zap. Petrozav. gos. un. 14 no. 3:130-132 '68.

591.3 Embryology

591.4 Analogue

[illegible]

Karapetian, S. K., and V. A. Vardanian. Ionizing radia-

the female milk, I. F. Tikhozor, Uch. zap. Belozor.
gos. un. 14 no. 3:69-73 '60.

feeding habits of yellow hammer (*Emberiza citrinella* L.).
V. V. Prokof'eva. Nauch. dokl. vys. shkoly; biol. nauki
no. 7:32-36 '68

Trudy Zool. inst. no. 41-5-72 '67.

169 167.

591.6 Economic ecology

Fluorescence of the chick embryo liver tissue in the visible region of the spectrum. N. V. Kozlov.

TSilologia 10 no. 3
Analisi della...

501.0(571.8)—Soviet Far East

er East, the con-
fidentially. These

possible role of animal filtrators in the processes of self-purification of bodies of water is exemplified by freshwater *Sphaerium corneum* (L.) population. A. F. Alimov.

Friday 2 Oct. in

List of aquatic invertebrates in the inland waters of Kamchatka. L. I. Kurukov. Izv. TINRO 22: 1-234, 1977.

595 Articulata. Vermes. Arthropoda

feeding by insects as a c...

1) Development and study of the optimum dose of talat, 2) disinfection of grain against the grain weevil. G. I.

ol, V. P., Rutaiova. Trudy

mithidae). I. A. Ilubisov, Zool. zhur., 47 no. 6:340-342 Je '68.

larvae of trematodes of the family Acantho-
bri. 1902, discovered in commercial fishes
of the Atlantic. A. M. Parukhin. Vest. zool.
2 Mr.-Ap '68.

of the genus *Paraphaenodiscus* Girault
1912, Euryptidae, a parasite of *Salacocera*
Green (Homoptera, Psyllodeidae).
Izv. AN Turk. SSR, Ser. biol. nauk,
1966.

with, and metabolism of *Macrocyclops*
during its metamorphosis as affected
food concentrations. R. Klekovnik.
Zhur. ob. biol. 29 no. 2:199-208.

Insects and paleontological data. B. B.
En. oloz. 47 no. 2:322-342 '68.

of utilizing grain subjected to the effects of
infection for disinfection purposes. E. V.
Trudy VNIIZ, no. 56:126-132 '66.

between gas exchange and body weight in
larvae of *Astacus lepidactylus* Esch.
Trudy AN Lat. SSR, Ser. V, no. 3:85.

471.22)—Karelian A. S. S. R.
Flora of the Karelian Isthmus. A. S. Laita.
Izv. AN Turk. SSR, Ser. biol. nauk, 14
no. 3:120-121 '66.

The biology and ecology of the Hek bodes
in the Karelian Isthmus. T. K. Bolov.
Izv. AN Turk. SSR, Ser. biol. nauk, 14
no. 3:120-121 '66.

474.3)—Latvian S. S. R.
[Caddis flies of Latvian lakes]. Fauna
Latvian. Riga, "Zinatne," 1967. 114 p.
Zoologes, Suppl. 1)

477)—Ukrainian S. S. R.
A study of *Paracerasia* L. and its
parasites. L. M. Zolotareva. Vest. zool.
6 Mr.-Ap '68.

of Aphidina (Homoptera) from steppes of
Ukraine. V. A. Mamonova-Bolotnik. Vest. zool.
5 Mr.-Ap '68.

479)—Crimea.
Fauna of the Crimea. A. M. Terentukova. Vest.
2:46-61 Mr.-Ap '68.

480)—Caucasus and Transcaucasia.
Climatic plantae. (Homoptera). Aphidol-
ecological conditions in clear-cuttings of
the Northern Caucasus. M. V. Pribylova.
Zool. zhur. 17 no. 6:948-949 Je '68.

480.22)—Georgian S. S. R.
Animals and plants in Georgia. Gel'minto-
nykh i rasteniy v Gruzii. Tbilisi, "Meis-
1967. 142 p. [In Russian and Georgian]

480.24)—Azerbaijan S. S. R.
Geographical studies on the helminthofa of
and fur-bearing animals of Azerbaijan. S. M.
V. AN Azerb. SSR, Ser. biol. nauk, no. 3/4.

conditions on the viability of injurious cul-
t. V. Alov. Izv. AN Azerb. SSR, Ser. biol. nauk
100 '67.

of the family Danaidae Duf. K. A. Kulov.
Izv. AN Azerb. SSR, Ser. biol. nauk, no. 3/4.

of *Trichostrogilus* Asanovi in sheep of
M. L. Kolesnikov, U. G. Zaitova. Izv.
SSR, Ser. biol. nauk, no. 3/4:107-109 '67.

(571)—Astalic R. S. F. S. R.
zoogeographically interesting Lepidoptera
of the region. I. A. Naigorovskaya, K. F.
M. Volkova. Zool. zhur. 47 no. 9:949-950

(571.51)—Krasnoyarsk Territory
Lepidoptera, Noctuidae) in the oak and
of the Amur Valley. I. L. Sukharova.
Izv. AN Turk. SSR, Ser. biol. nauk, no. 4:73-79 '67.

(571.6)—Soviet Far East
the content of the abundance of the tribe
Hymenoptera, Braconidae) in the Palaearc-
V. I. Tobias. Trudy Zool. inst. no. 41:222-

595(571.63)—Maritime Territory
Euryptidae (Hymenoptera) of the Maritime Territory.
V. I. Trilapyn. Trudy Zool. inst. no. 41:223-224 '67.

595(575)—Central Asia
Materials on Collembola of mountain districts of
Central Asia. L. F. Martynova, V. I. Chikanov.
Izv. AN Turk. SSR, Ser. biol. nauk, no. 4:73-79 '67.

595(575.3)—Tajik S. S. R.
Biology of some water moths, little known in the Tajik
S. S. R. (Lepidoptera, Tortricidae). H. L. Shetukina.
Izv. AN Turk. SSR, Ser. biol. nauk, no. 4:73-79 '67.

596 Vertebrata
Bore bace resistance to alternating stresses. I. M.
Prilukin. Vest. zool. 2 no. 2:15-20 Mr.-Ap '68.

597 Fishes
Accumulation of strontium-90 and yttrium-90, dissolved
in water, and its effect on the embryonic development of
loach. I. A. Shokhanova, V. L. Pochkurankov. Vop. ikht.
8 no. 4:686-701 '68.

Characteristics of oogenesis in *Lucioperca* (L.) and *Abramis*
brama (L.) of the Danube River. A. M. Kukuradze.
Vop. ikht. 8 no. 4:751-756 '68.

Comparative characteristics of growth and feeding habits of
Erismia encrinetoides (L.) from the Atlantic Ocean
and Mediterranean basin. N. A. Lipskaya. Vop. ikht.
8 no. 4:702-709 '68.

Digestive tract structure in *Dalichodus niloticus* (L.) and
Dalichodus niloticus (Günth.) in relation to their feed-
ing habits. I. A. Vorobey, I. U. Medant. Vop. ikht. 8
no. 4:710-721 '68.

Effect of the size of spawning sockeye salmon run on
phosphorus balance in spawning lakes. E. M. Krokshin.
Izv. TINRO 57:31-34 '67.

Errors in generalizing materials on fish biology. A. S.
Polonskii. Trudy TINRO, no. 9:153-155 '62.

Growth of *Koi* (Karakasli) herring and the time of the
anage of the head ring. T. E. Kachina. Izv. TINRO
57:142-153 '67.

Growth rate and brain size in fish: a contribution to the
problem "species and intraspecific categories in dif-
ferent classes of vertebrates." S. S. Savits and others.
Zool. zhur. 17 no. 6:940-946 Je '68.

Isolation and properties of deoxyribonucleases from the
salmon liver. G. D. Boril'skiy, V. A. Rasskazov. Izv.
SSR, Ser. biol. nauk, no. 2:150-157

Maturation of oocytes of siluriform outleto (the female
body). S. I. Davydova. Izv. AN SSR 179 no. 3:750-
752 Mr.-Ap '68.

Morphological differences between cranial bones of
Carassius auratus L. and *Carassius auratus* gibelio
Block. F. A. Kurovskii. Vest. zool. 2 no. 2:16-70
Mr.-Ap '68.

Morphology of *Sardinops ocellata*. A. T. Romyrev. Trudy
TINRO no. 9:35-38 '62.

Now data on the distribution of *Electrona rissoi* (Cocco)
and *Daphnia ostrovi* (Tanning) (Mycetozoa). I. A. Tru-
nov. Vop. ikht. 8 no. 4:735-742 '68.

Now data on the taxonomy of gobies of the Ponticola filis
group in relation to the problem of intraspecific vari-
ability and species formation. V. I. Pircuk. Vop. ikht.
8 no. 4:810-827 '68.

Protein composition of the blood serum of Kuban and Don
populations of *Lucioperca lucioperca* (L.). N. N. Livi-
nova. Vop. ikht. 8 no. 4:737-741 '68.

Resistance of developing sockeye salmon eggs to mechan-
ical effects. M. L. Levina. Izv. TINRO 57:53-70 '67.

Size, biochemical indices and caloric value of mature eggs
of the representatives of *Oncorhynchus* and *Salmo*. A. I.
Smetnov, M. S. Knyshina, Z. M. Kalashnikova. Vop.
ikht. 8 no. 4:853-861 '68.

Some characteristics of the reproduction of *Aeroploma*
fimbria (Pall.). L. S. Kodolov. Vop. ikht. 8 no. 4:862-
868 '68.

Splinterlike mechanisms in the renal veins of some
fishes. Kh. G. Valeova. Vop. ikht. 8 no. 4:756-768 '68.

Variability and species specificity of the protein spectrum
in fish blood serum. V. I. Luk'yanenko, S. I. Selov.
Zhur. ob. biol. 20 no. 3:209-210 Mr.-Ap '68.

Weight, fatness and body length dynamics in *Tilapia*
mossambica Poters, reared on *Citrella*-containing
granulated feeds. I. M. Anisyskina and others. Vop.
ikht. 8 no. 4:722-727 '68.

597(261)—Atlantic Ocean
New representatives of nematodes of the family Acantho-
colpidae Loh. 1808, discovered in commercial fishes
of the southern Atlantic. A. M. Parukhin. Vest. zool.
2 no. 2:78-82 Mr.-Ap '68.

597(262.6)—Black Sea
Relationship between fatness and weight of some one-size
fish species of the Azov-Black Sea basin. O. E. Shul'man.
Nauch. dokl. vys. shkoly. biol. nauk II no. 7:28-31 '68.

Reproduction of Black Sea gobies in the Danube-Rug
Liman. V. P. Bul'ko. Vop. ikht. 8 no. 4:869-878 '68.

597(265)—Pacific Ocean
Feeding habits of codfish in the Avacha Bay. V. N.
Tikhonova, L. D. Andrievskaya. Izv. TINRO 57:123-
134 '67.

597(268)—Arctic Ocean
Survival of eggs and larvae of herring in spawning grounds
of the White Sea during mass migration. I. A. Galkina.
Vop. ikht. 8 no. 4:870-888 '68.

597(266)—Antarctic Ocean
Two new species of codfish of the genus *Lyacantholys* Gill
(Pisces, Zuereldae) from the bathyal depths of the South
Sea (Antarctic region). A. P. Andriashov, I. E.
Perminin. Vop. ikht. 8 no. 4:811-818 '68.

597(471.43)—Knyazevsk Province
Homologous studies of *Iturina rubra* (Jakow-
lew) of Knyazevsk Reservoir. V. A. Nazarenko. Vop.
ikht. 8 no. 4:760-761 '68.

597(471.63)—Stavropol Territory
Comparative study of the fecundity of *Vimba vimba* car-
lusa Pall. and *Chalcobrama chalcoides* soldatovi
Drensky acclimatized in Sengulovskaya Reservoir of
the Stavropol Territory. L. P. Ananina, I. I. Samonova.
Vop. ikht. 8 no. 4:846-852 '68.

597(477)—Ukrainian S. S. R.
Effect of waste waters from the metallurgical and metal
processing industry on the food supply (implantation and
zoological) of rivers and reservoirs of the Dnieper
basin. A. K. Dyga, V. I. Zolotareva. Vop. ikht. 8
no. 4:701-704 '68.

597(479.24)—Azerbaijan S. S. R.
European cod in waters of Azerbaijan. H. I. Akhmedov,
Z. M. Kuliev. Vop. ikht. 8 no. 4:742-743 '68.

597(571.53)—Lithuanian Province
Relationship of the density of young *Oncorhynchus nerka*
(Walb.) to the conditions of Lake Baltey. E. V.
Krylov. Izv. TINRO 57:25-29 '67.

597(571.58)—Yalov A. S. S. R.
Whitefishes of Lake Oron of the Vilin River system.
I. E. Kalashnikov. Vop. ikht. 8 no. 4:837-843 '68.

597(571.61)—Amur Province
Taxonomy and nomenclature of the subfamily *Gobiinae*
(Pisces, Cyprinidae) of the Amur basin. P. Banarash,
T. Nalant. Vop. ikht. 8 no. 4:828-830 '68.

597(571.65)—Magadan Province
Some materials on the biology of *Oncorhynchus nerka* of the
Anadyr River. A. G. Ostrovskiy. Izv. TINRO 57:10-
18 '67.

597(571.66)—Kamchatka Province
Distribution and migration of local *Oncorhynchus nerka*
(Walbaum) population of Lake Kuril. I. I. Dzhur,
S. M. Konevalov. Vop. ikht. 8 no. 4:720-730 '68.

Growth rate of the *Oncorhynchus tshawytscha* Walb. of
Kamchatka. I. I. Grachev. Izv. TINRO 57:10-17 '67.

607(68)—Southern Africa (including Rhodesia)
South African pilchard (*Sardinops ocellata*). H. A.
Korotkov. Trudy TINRO no. 9:17-18 '62.

597.6 Amphibia
Biotina regeneration in tailless amphibians during meta-
morphosis. N. V. Tsvetkov, I. I. Trifonova. Izv. AN
SSR 179 no. 3:740-741 Mr.-Ap '68.

598.I Reptiles
599.1(575)—Central Asia
Infestation of the blood of reptiles of Central Asia by
parasites. A. M. Andrushev, E. N. Kravtchuk. Izv.
biol. zhur. 12 no. 1:51-56 '61.

598.2 Birds
Biology of the desert wheatear. O. V. Mitropolskii.
Trudy Inst. zool. AN Kazakh SSR 20:64-68 '68.

598.3 Birds
Comparative characteristics of feeding habits of grouse
and pheasants in the U. S. R. S. M. A. Kuz'mina. Trudy
Inst. zool. AN Kazakh SSR 20:76-102 '68.

A conference on the problems concerning the study and
protection of the eland. M. A. Rukhovich. Izv.
Vses. geog. ob-va 100 no. 2:180-190 '68.

Conservative and dispersive types of evolution in bird
populations. A. S. Mal'chevskii. Zool. zhur. 47 no. 8:
833-842 Je '68.

Ecological and morphological differences between two
closely related lark species *Melospiza leucophaea*
Pall. and *Melospiza leucophaea* Pall. M. A. Livi-
nova. Vest. zool. 2 no. 2:88-72 Mr.-Ap '68.

Ecology of birds nesting in colonies: based on observations
from the Murmansk coast and Volga Delta. V. M.
Molesov. Trudy KGT no. 5:40-154 '67.

598.4 Birds
Biology of the desert wheatear. O. V. Mitropolskii.
Trudy Inst. zool. AN Kazakh SSR 20:64-68 '68.

598.5 Birds
Comparative characteristics of feeding habits of grouse
and pheasants in the U. S. R. S. M. A. Kuz'mina. Trudy
Inst. zool. AN Kazakh SSR 20:76-102 '68.

A conference on the problems concerning the study and
protection of the eland. M. A. Rukhovich. Izv.
Vses. geog. ob-va 100 no. 2:180-190 '68.

Conservative and dispersive types of evolution in bird
populations. A. S. Mal'chevskii. Zool. zhur. 47 no. 8:
833-842 Je '68.

Ecological and morphological differences between two
closely related lark species *Melospiza leucophaea*
Pall. and *Melospiza leucophaea* Pall. M. A. Livi-
nova. Vest. zool. 2 no. 2:88-72 Mr.-Ap '68.

Ecology of birds nesting in colonies: based on observations
from the Murmansk coast and Volga Delta. V. M.
Molesov. Trudy KGT no. 5:40-154 '67.

598, 2 (Continued)

Feeding habits of yellow hammer (Emberiza citrinella L.). V. Prokof'eva. Nauch. dokl. vys. shkoly; biol. nauki 11 no. 7:32-35 '68.

Grouse resources in the U.S.S.R. (Geographical distribution, ecologic population characteristics, utilization and restoration of resources). Materials of the conference of April 2-4, 1968 [Resursy iterevnykh ptits v SSSR. (Geogr. rasprostraneniye, ekol. usloviya razvitiya, ispol'zovanie i vosstanovlenie zapasov). Materialy soveshchaniya 2-4 apr. 1968 g. Moskva, "Nauka," 1968. 95 p.

Intensity of forest exploitation and change in bird population in European southern taiga forests. K. I. Korentsev. Biol. MOIP. Old. biol. 72 no. 6:32-35 N-D '67.

Morphophysiological criteria of evolutionary transformations in bird populations. L. N. Dolinskii. Zool. zhur. 47 no. 6:916-919 Je '68.

Ornithology of the Volga-Ural interfluvium. L. I. Gavrilov and others. Trudy Inst. zool. AN Kazakh SSR 20:153-207 '68.

Quantitative characteristics of myxomatosis in *Lepus timidus*. P. A. Korzhnev, T. N. Gerasimova, O. O. Alukhina. Dokl. AN SSSR 180 no. 2:493-500 My '68. Trapping out of nestlings by adult birds. V. V. Stronov. Zool. zhur. 47 no. 6:951-952 Je '68.

598, 2(268)—Arctic Ocean

Some data on the embryonal and postembryonal mortality of sea hirts of the Barents Sea living in colonies. I. G. Melopolskii. Trudy KGZ no. 5:353-376 '67.

598, 2(471, 1)—Arclange Province

Birds of the Vaygach Island and Yagor Perilousa. V. N. Karapov, V. D. Kabanov. Trudy KGZ no. 5:264-316 '67.

598, 2(471, 2)—Murmansk Province

Birds of Aymovskiy Islands. V. D. Kabanov, N. M. Skokova. Trudy KGZ no. 5:185-267 '67.

Ecology of eider after leaving nest. V. V. Blazni and others. Trudy KGZ no. 5:359 '67.

Factors determining the date of pullet population during nesting period. N. N. Saakova. Trudy KGZ no. 5:155-177 '67.

Materials on the ecology of red-throated loon. Yu. M. Karamysheva, I. P. Shumilova. Trudy KGZ no. 5:345-352 '67.

Methology of mass catching of hultine in nesting colonies. N. N. Skokova. Trudy KGZ no. 5:367-373 '67.

Pullet reproduction on Aymovskiy Islands. T. M. Korncva. Trudy KGZ no. 5:178-184 '67.

Supplement to the birds of Semistalans. T. D. Gerasimova and others. Trudy KGZ no. 5:336-344 '67.

Time and nature of the sojourn of king eider on the Murmansk coast and White Sea. V. D. Kabanov. Trudy KGZ no. 5:40-48 '67.

598, 2(477)—Ukrainian S.S.R.

Agricultural significance of the rook. V. I. Osmolovskaya. Biol. MOIP. Old. biol. 72 no. 6:37-41 N-D '67.

608, 2(478, 24)—Azerbaijan S.S.R.

Summit assemblage of white-eyed and red-eared pochard in Azerbaijan. D. G. Tugov. Izv. AN Azerb. SSR, Ser. biol. nauk no. 1/4:55-100 '67.

598, 2(574)—Kazakh S.S.R.

Biology of *Pyrrhosia pulchra* Hodge. E. I. Gavrilov, A. F. Kovshin. Trudy Inst. zool. AN Kazakh SSR 20:41-49 '68.

Biology of the reproduction of northern warbler in western Tien Shan. A. F. Kovshin, A. K. Bakula. Trudy Inst. zool. AN Kazakh SSR 20:59-63 '68.

Biology of the wren in Trans-Ili Alatau. A. F. Rodionov. Trudy Inst. zool. AN Kazakh SSR 20:57-59 '68.

Distribution and biology of *Acemilla flavirostris* Kirghizov. L. A. Dolgushina. Trudy Inst. zool. AN Kazakh SSR 20:15-18 '68.

Ecology of wheatear in the southern part of the Zaysan Depression. A. V. Survillo. Trudy Inst. zool. AN Kazakh SSR 20:71-75 '68.

Feeding habits of long-eared owl in Trans-Ili Alatau. A. K. Fedorenko. Trudy Inst. zool. AN Kazakh SSR 20:221-222 '68.

First occurrence of redstart in the nesting places of Tien Shan. E. I. Gavrilov, E. F. Rodionov. Trudy Inst. zool. AN Kazakh SSR 20:219 '68.

Migration of game birds in northern Semipalatinsk Province. S. G. Panchenko. Trudy Inst. zool. AN Kazakh SSR 20:212-215 '68.

Nesting biology of *Lepidosteus asphine* Sav. in Trans-Ili Alatau. E. I. Gavrilov, L. A. Dolgushina, E. F. Rodionov. Trudy Inst. zool. AN Kazakh SSR 20:32-40 '68.

Nesting biology of *Myiarchus cinerascens* Hodgson in Kazakhstan. L. A. Dolgushina, E. I. Gavrilov, E. F. Rodionov. Trudy Inst. zool. AN Kazakh SSR 20:10-31 '68.

Nesting of little gull and white-winged black tern in the Zaysan Depression. A. V. Survillo. Trudy Inst. zool. AN Kazakh SSR 20:220-221 '68.

New data on the ornithology of the Semipalatinsk region. S. G. Panchenko. Trudy Inst. zool. AN Kazakh SSR 20:209-211 '68.

Preliminary results of acoustic hearing off of starlings in vineyards of Kazakhstan. A. M. Seman. Trudy Inst. zool. AN Kazakh SSR 20:216-218 '68.

White-winged black tern in Akaiul lakes. V. A. Grachev. Trudy Inst. zool. AN Kazakh SSR 20:220 '68.

598, 2(600)—Antarctica. South Polar regions

Ornithological observations in the Mirnyy region in 1966/67. V. M. Kamenov. Inform. biol. Sov. antark. eksp. no. 57:72-74 '68.

599 Mammals

Allantey folie acid deficiency in monkeys. Z. N. Dzholieva. Vop. ph. 27 no. 1:10-15 Ja-F '68.

Comparative characteristics of some morphological indices in captive and wild aables. G. I. Monakhov. Biol. MOIP. Old. biol. 72 no. 6:120-126 N-D '67.

Complex taxonomic analysis of the species as exemplified by some forms of the genus *Mitopus*. M. N. Miter. Zool. zhur. 47 no. 5:656-659 Je '68.

Ecology of water vole (*Arvicola terrestris*) in the floodplains of northern rivers. I. I. Kukh. Zool. zhur. 47 no. 6:541-556 Je '68.

Evolution of the extremities of giraffe (*Giraffidae*). A. I. G. G. G. Biol. MOIP. Old. biol. 72 no. 6:107-110 N-D '67.

Kleinberg, S. E., and V. M. Bel'kovich. Dolphins. "Myths and reality" Defining. Mity i doistitel'stvo. Moskva, "Znanie," 1967. 63 p. (Prokhl. i tovarishch). Methodology of determining the age of *Harmonia batharina*. A. A. Nikitina. Zool. zhur. 47 no. 6:632-634 Je '68.

New campid *Arthropodanthus albimaculatus* sp. n. (Trematoda, Campulidae), a parasite of the white whale. V. V. Treshchuk. Zool. zhur. 47 no. 6:937-940 Je '68.

Population regulation of the abundance of rodents as exemplified by the red vole of the Salair tala and Norwegian lemming. T. V. Koshkina. Biol. MOIP. Old. biol. 72 no. 6:5-20 N-D '67.

Possible stimulation of the physiological regeneration of the cerebral nerve tissue in mammals. K. I. Reznikov. Zhur. ob. biol. 20 no. 2:189-190 Mr-Apr '68.

Reactions of some rodents to gas gradient of the environment. A. I. Shchegoleva, I. S. Brusilov. Dokl. AN SSSR 180 no. 2:473-475 My '68.

Revising the standard for underground muskrat pelts. V. F. Sirelnikov. Stand. i nach. 31 no. 12:71 D '67.

599(269)—Antarctic Ocean

Observations on the behavior and feeding of whalebone whales in the region of the Crozet Islands. A. S. Pervushin. Okeanologia 6 no. 1:139-145 Ja-F '68.

599(57)—Atlantic U.S.S.R.

Develop deer rating for antlers. V. I. Nazimskiy. Sov. politichesk. 12 no. 3:51-55 Mr '68.

599(574)—Kazakh S.S.R.

Effect of trapping on the muskrat population in the Balkhash lake region. B. A. Farin. Biol. MOIP. Old. biol. 72 no. 8:21-31 N-D '67.

New beaver genus from Oligocene of Kazakhstan. M. B. Borisevichskaya. Biol. MOIP. Old. biol. 72 no. 8:129-135 N-D '67.

599(575, 1)—Uzbek S.S.R.

Bioecologic role of *Peromyscus hyomelas* Brandt on pastures of southwestern Kyzyl Kum. T. A. Pavlenko, A. G. Haviemina. Zool. zhur. 47 no. 6:953-954 Je '68.

Study of helminths of domestic and wild carnivorous animals in Bukhara Province. N. M. Maitelov. Uzb. biol. zhur. 12 no. 1:60-62 '68.

599(575, 172)—Kara-Kalpak A.S.S.R.

Material on the distribution and ecology of the jerboa *Allactaga taelius* (Lacépède) in the Taryn' Island in Kara-Kalpak. A. S. Sabitov. Uzb. biol. zhur. 12 no. 1:57-59 '68.

600(88)—Antarctica. South Polar regions

Observations on cetaceans mammals during the 12th voyage of the diesel-electric ship "Ob". L. P. Medvedev. Inform. biol. Sov. antark. eksp. no. 68: 87-90 '68.

Observations on seals during the 13th voyage of the diesel-electric ship "Ob". L. P. Medvedev. Inform. biol. Sov. antark. eksp. no. 68:64-68 '68.

6. APPLIED SCIENCES, MEDICINE, TECHNOLOGY

60 History of industrial technology

Conference of the Soviet National Association of Historians in Natural Science and Technology. Sudostroeno 58 no. 3:71 Mr '68.

608 Inventions. Patentable discoveries. Trademarks

Advertising board. Izobr. i rats. no. 1:20 '68.

Advertising board. Izobr. i rats. no. 1:10 '67.

Amateurs started it. V. Dragin. Izobr. i rats. no. 1:11-13 '68.

Brief news. Izobr. i rats. no. 1:14 '67.

Conceived achieved. Izobr. i rats. no. 1:6, 30 '68.

Conceived-achieved. Izobr. i rats. no. 1:26, 20, 33 '67.

Conserving Utopias. L. Teplov. Izobr. i rats. no. 1:30-31 '67.

Confusing stages. N. Klimenko. Izobr. i rats. no. 1:13 '68.

Correspondence of the Committee on Inventions with V. I. Lenin. Vop. izobr. no. 4:3-12 '68.

Criticism is needed. V. Dmitriyev. Izobr. i rats. no. 1:27 '67.

Days of relaxation and creative activity. V. Skachkov. Izobr. i rats. no. 1:1 '68.

Lashenkin, N. I. [Economic aspects of inventions and efficiency promotion in an enterprise operating on a business accounting basis] Voprosy ekonomiki izobretoitel'stva i racionalizatsiya na khozraschetnom predpriyatii. Leningrad, 1967. 24 p. (Leningr. dom nauch.-issled. propagandy. Seriya "Ekonomika i planirovaniye protsektov").

In the Central Council of the All-Union Society of Inventors and Innovators. Izobr. i rats. no. 1:17 '67.

In the world of science and technology. Mor. sbor. 50 no. 5:77-78 Mr '67.

In the world of science and technology. Mor. sbor. 51 no. 5:88-70 Mr '68.

In your lawyer's office. M. L. Shalova. Izobr. i rats. no. 1:15 '67.

Increase the level of work on patents and licenses. S. Zavit'yalov. Avt. izobre. 46 no. 3:14 Mr '68.

Information on the most popular materials published in the periodical in 1967. Izobr. i rats. no. 1:31-33 '67.

Invention and efficiency promotion in a production unit. A. S. Lebedev. Vop. izobr. no. 4:42-45 '68.

It is for you, workers of the machine building ind. d. G. Chid'ingon. Prom. Bel. 10 no. 12:46 D '67.

And novitels... Izobr. i rats. no. 1:13 '68.

New developments in science and technology. Trudy 10 no. 2:64-66 '68.

A new form of reporting on inventive and efficiency promotion activity. N. V. Rezonov. Vop. izobr. no. 4:58-60 '68.

New inventions. Stroitel'stvo mash. 13 no. 4:31-33 Ap '68.

News from various countries. Izobr. i rats. no. 1:13-15 '68.

News from various countries. Izobr. i rats. no. 1:13-15 '67.

Patent protection by the Scientific Research Institute. M. I. Zait'sberg. Vop. izobr. no. 5:43-47 My '68.

Range of keen topics. A. Ivanov. Izobr. i rats. no. 2 '68.

Readers' letters. Izobr. i rats. no. 1:14 '68.

Readers' letters. Izobr. i rats. no. 1:31 '67.

Relay race of innovators. Tekhn. i vuzovsk. 26 no. 4:72-75 Ap '68.

The results of the anniversary year. Yu. E. Mikhaylov. Vop. izobr. no. 4:13-16 '68.

Salute the victors. Izobr. i rats. no. 1:1-2 '67.

Setting work norms in the examination of patent applications. A. C. Temnikov, S. A. Levitskii. Vop. izobr. no. 5:44 My '68.

Some methods of solving inventive tasks. O. O. Bush. Vop. izobr. no. 5:48-50 My '68.

Soviet inventive activity under new economic conditions. E. I. Artyukhin. Vop. izobr. no. 5:3-8 My '68.

Soviet inventions in the field of machinery engineering. Vost. mashinost. 48 no. 5:83-84 My '68.

Try to prove it. M. I. Bolkina, V. Pavlov. Izobr. i rats. no. 1:13 '68.

808(437)—Czechoslovakia

Overcoming a psychological barrier. I. Shreck. Izobr. i rats. no. 1:26 '67.

008(438)—Poland

Director by position, designer by disposition. S. Yankovskii. Izobr. i rats. no. 1:24-25 '67.

It is worth while to be an inventor. A. Parys. Izobr. i rats. no. 1:23-24 '67.

008(439)—Hungary

Conservative innovators. I. Knoch. Izobr. i rats. no. 1:25 '67.

808(44)—Yugoslavia

Peculiarities in the language of patent descriptions in France. AT. Medvedev. Vop. izobr. no. 5:36-41 My '68.

008(477)—Ukrainian S.S.R.

Summing up and thinking about the future. P. Shchegolev. D. Demchenko. Izobr. i rats. no. 1:26-27 '67.

008(477, 0)—Crimina

Altering sharply. V. A. Vinogradov. Izobr. i rats. no. 1:32-33 '67.

008(470, 25)—Azerbaijan S.S.R.

News from plants, factories, construction sites. Izv. Airm. 10 no. 2:61-62 '68.

61 MEDICAL SCIENCES. HEALTH AND SAFETY
Georgiy Iosifovich Burchinskii on his 60th birthday. Vrach. delo no. 6:149-150 My '68.

[Medical abstracts] Med. inf. zhur. ser. 1 vol. 12 no. 8 Ag '68. Ser. 2 vol. 12 no. 8 Ag '68. Ser. 3 vol. 12 no. 7-8 Ji-Ag '68. Ser. 4 vol. 12 no. 8 Ag '68. Ser. 5 vol. 12 no. 7 Ji '68. Ser. 6 vol. 12 no. 7 Ji '68. Ser. 7 vol. 12 no. 6-7 Jo-Ji '68. Ser. 8 vol. 12 no. 7 Ji '68. Ser. 9 vol. 12 no. 7 Ji '68. Ser. 10 vol. 12 no. 7 Ji '68. Ser. 11 vol. 12 no. 7 Ji '68. Ser. 12 vol. 12 no. 8 Ag '68. Ser. 13 vol. 12 no. 8 Ag '68.

Mitnikova, A. P. [Medical service for skin divers and scuba divers] Meditsinskoe obespecheniye legkorazhnykh i akvalangistov. Leningrad, "Meditsina," 1967. 239 p. (Dokl. praktik. vrachov).

Some laws and methods of studying the geography of the natural foci of plague on the plains of the desert zone. E. V. Roishin'd. Izv. Vses. geog. ob-va 100 no. 2:165-170 '68.

Soviet public health service: 50th anniversary of Soviet public health service and Medical Worker's Day. M. Mirskii. Agitator no. 9:14-16 My '68.

Vladimir Stepanovich Neslerov on his 70th birthday. Vrach. delo no. 6:160-161 My '68.

61(478)—Moldavian S.S.R.

Medicogeographical studies in the Moldavian S.S.R. E. S. Feldman. Izv. Vses. geog. ob-va 100 no. 2:162-166 '68.

811 Anatomy

Determination of the sensitivity of the hypophysis of human embryo to hypothalamic factor releasing factor stimulating hormones. N. A. Borisova. Zhur. ob. biol. 20 no. 2:244-249 Mr-Apr '68.

used).

Ch. [Topographical anatomy and operative treatment of the head and neck. Textbook for students and teachers. Topograficheskaya anatomiya i operativnaya kirurgiya golovy i shchi, Uchebnoe posobie dlia studentov. [Kazan'] Izd. Kazanskogo un-ta, 1967.

Ch. [The treatment of testona of the chest. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Ch. [The external orifice of the inguinal canal. Trudy Semipal. med. inst. 4:202.

Changes in potassium and sodium content in rabbit plasma and erythrocytes under the effect of glucocorticoids. L. S. Nikhalevich. Probl. endok. 14 no. 3:83-85 My-Je '68.

Changes in the membrane potential of the smooth muscles of the aorta in rabbits during depolarization caused by potassium chloride and sulfate. M. I. Gorvich, D. A. Golov, N. G. Kochenova. Biol. eksp. biol. i med. 65 no. 4:13-16 Ap '68.

Changes in the electrographic indices in sportsmen under the effect of active and passive head-down position. K. I. Gelkman. Trudy Perm. gos. med. inst. no. 5:175-184 '63.

Changes in the ultrastructure of macrophages of guinea pigs in the process of phagocytosis. V. P. Selezneva, V. M. Kuatkarov. TSilologiya 10 no. 5:553-556 My '68.

Changes in vascular reactivity under the effect of estradiol. V. P. Kulagina. Kardiologiya 8 no. 5:123-127 My '68.

Chemical structure and anticoagulant activity of oxidation products of phenyltin and its nitrogen derivatives. L. P. Zakharenko and others. Trudy Vor. med. inst. 49:102-106 '62.

Comparative immunomorphological study of contractile proteins of the cardiac and somatic musculature. V. S. Rukosuev. Kardiologiya 8 no. 5:112-117 My '68.

Concentration of 17-hydroxycorticosteroids in the blood plasma and the content of ascorbic acid in the adrenal glands in guinea pigs following the introduction of manganese chloride. S. V. Maketomov, A. I. Luskavala. Probl. endok. 14 no. 3:62-64 My-Je '68.

Correlation of the tonus of skeletal musculature with arterial pressure and pulse under the effect of physical load lasting two hours. V. N. Volkov, V. G. Sarotsev, A. I. Shchurkikh. Trudy Perm. gos. med. inst. no. 5:107-109 '63.

Decrease of arterial pressure related to physical work: a review. V. I. Pluckin. Trudy Perm. gos. med. inst. no. 6:231-240 '63.

Dependence of the nutritional sources of the muscles of the human hand from the characteristics of the arterial arches. K. K. Vlasova. Trudy Semipal. med. inst. 4:104-109 '64.

Diagnostic significance of the determination of the distribution rate of the pulse wave. N. I. Skridina and others. Trudy Vor. med. inst. 49:64-66 '62.

Differential curves of the carotid and jugular pulse in healthy persons and in some cardiac defects. I. M. Kuvshinov. Kardiologiya 8 no. 5:81-86 My '68.

Distribution of trace elements between the membranes of the aorta. S. A. Plotka. Trudy Vor. med. inst. 59:73-75 '67.

Effect of ACTH, corticosteroids and sex hormones on the blood coagulation system. N. I. Seifina, A. I. Minkikh. Biol. eksp. biol. i med. 65 no. 4:67-70 Ap '68.

Effect of ACTH on cholesterol metabolism and the blood protein picture. V. I. Akhmedova, I. A. Rykova. Probl. endok. 14 no. 3:64-68 My-Je '68.

Effect of cardiac nerves on the tonus of coronary vessels. G. N. Aronova, I. M. Korshina. Biol. eksp. biol. i med. 65 no. 4:16-20 Ap '68.

Effect of glucocorticoids on some indices of metabolism and cardiovascular activity. G. M. Solov'ev and others. Kardiologiya 8 no. 5:3-11 My '68.

Effect of ionized air on some physicochemical blood properties. A. M. Skorobogatova. Trudy Len. ob. va. est. 73 no. 1:91-95 '63.

Effect of ultrahigh frequency magnetic fields on the conditioned reflex regulation of the cardiac activity and respiration. A. I. Akhmedova. Zhur. vys. nerv. deiat. 16 no. 3:416-424 My-Je '68.

Electrocardiograph. L. I. Dmitriev, V. A. Leonov. Zhur. vys. nerv. deiat. 18 no. 3:642-515 My-Je '68.

Emotional reactions in slumbering according to plethysmographic data. V. A. Kurshov. Zhur. vys. nerv. deiat. 18 no. 3:317-318 My-Je '68.

"Energy role of the skeletal muscles" as a factor of the formation and transformation of the activity of the cardiovascular and respiratory systems in ontogeny. I. A. Arslanov. Trudy Perm. gos. med. inst. no. 5:10-24 '63.

Experiment in the quantitative measuring of ballistic cardiac impulses using the integrator. A. N. Kokosov, G. A. Shumikh. Trudy Perm. gos. med. inst. no. 5:475-479 '63.

Experimental study of naphthalenchloride, a new anticoagulant. V. B. Riki. Trudy Vor. med. inst. 49:98-101 '62.

Functional state of medium diameter arteries. A. I. Zolotarev. Trudy Vor. med. inst. 49:50-53 '67.

Glyco- and lipoproteins in the blood of milk, polar fox and common fox. V. A. Berestov and others. Uch. zap. Petrozav. gos. un. 14 no. 3:40-40 '68.

Integral cardiac vector in healthy persons: based on vectorcardiographic data. V. F. Khroslov. Trudy Vor. med. inst. 49:14-17 '62.

Interrelation of the indices of pulmonary gas exchange and hemodynamics in physical stress. R. A. Bultava. Trudy Vor. med. inst. 59:58-62 '67.

Intrafemoral veins of human tibial nerves. Ch. D. Dzhamatov. Trudy Semipal. med. inst. 4:89-103 '68.

Materials for the problem of age-related characteristics of the orthostatic test and "negative phase" of the pulse. G. X. Chuvanova. Trudy Perm. gos. med. inst. no. 5:117-123 '63.

Materials of radiotelemetric studies of the cardiac activity in weight lifters. M. B. Kazakov. Trudy Perm. gos. med. inst. no. 5:180-106 '63.

Methodology of chemospectroscopic determination of trace elements in human blood. V. M. Lifshits. Trudy Vor. med. inst. 49:107-109 '62.

[Morphogenesis of the vascular and nervous systems] Morphogenes aoudistol i nervoi sistem. Kiev, "Zdorov'ia," 1967. 218 p.

Protective action of cytochrome chromomeres on the cells of leucocytes of the peripheral human blood following its irradiation in vitro. L. B. Nerlin. Dokl. AN SSSR 186 no. 4:385-388 Je '68.

Seasonal variability of myocardial reflexes. V. V. Kokhanikh. Trudy Perm. gos. med. inst. no. 5:111-115 '63.

Significance of the "negative phase" of the pulse during functional tests in persons engaged in physical culture. S. E. Tsalikovskii. Trudy Perm. gos. med. inst. no. 5:131-138 '63.

Spectrographic determination of trace elements in human blood. V. M. Lifshits. Trudy Vor. med. inst. 49:110-113 '62.

Suprasegmental reflex correlation of the motor sphincter and cardiovascular system. L. B. Gubman. Trudy Perm. gos. med. inst. no. 5:185-188 '63.

Tamkila, I. D. [Physical exercise and the cardiovascular system] Fizicheskie uprazhnenia i serdечно-sosudistaya sistema. Moskva, "Vyssh. shkola," 1967. 128 p.

Temperature of the concha auricularis as an index of vascular reactions to some muscular stimulations. V. A. Rastikov. Trudy Perm. gos. med. inst. no. 5:101-108 '63.

Use of integrator in the study of autonomic bioelectric activity of the heart. N. F. Bolotova, I. I. Gerasimov. Trudy Perm. gos. med. inst. no. 5:467-473 '63.

Vectrocardiographic data on spatial vector under normal conditions. N. I. Skridina. Trudy Vor. med. inst. 49:177-178 '62.

Visceral pelvic phlebography in the diagnosis of cancer of the uterus and its adnexa. A. I. Shiretman, A. A. Pajeva. Vop. onk. 14 no. 4:42-46 '68.

Wave of the normal electrocardiogram. M. I. Kovalovskii. Trudy Vor. med. inst. 58:30-31 '67.

612.1(571.15)—Altai Territory

Blood groups in southern Altaians. G. D. Beryshnev. Izv. SO AN SSSR no. 10 Ser. biol. med. nauk. no. 2:143-148 Ap '67.

612.2 Respiration

Content of trace elements in pulmonary tissue of practically healthy persons. L. M. Kopylova. Trudy Vor. med. inst. 58:135-136 '67.

Effect of air ions on the oxygen saturation degree of the blood in hypoxia. A. M. Skorobogatova, M. A. Brilina. Trudy Len. ob. va. est. 73 no. 1:93-94 '63.

Effect of respiration on movement. I. M. Soropogin, V. S. Furtov. Trudy Perm. gos. med. inst. no. 5:423-430 '63.

Effect of some pharmacological substances on lung receptors. S. K. Moshonkina. Biol. eksp. biol. i med. 65 no. 4:110-63 Ap '68.

Effect of ultrahigh frequency magnetic fields on the conditioned reflex regulation of the cardiac activity and respiration. M. I. Akhmedova. Zhur. vys. nerv. deiat. 16 no. 3:416-424 My-Je '68.

"Energy role of the skeletal muscles" as a factor of the formation and transformation of the activity of the cardiovascular and respiratory systems in ontogeny. I. A. Arslanov. Trudy Perm. gos. med. inst. no. 5:10-24 '63.

Interrelation of the indices of pulmonary gas exchange and hemodynamics in physical stress. R. A. Bultava. Trudy Vor. med. inst. 59:58-62 '67.

Reflex changes in the tonus of the human skeletal muscles in conformity with the respiratory rhythm. N. G. Okhlanukhina. Trudy Perm. gos. med. inst. no. 5:431-436 '63.

612.3 Digestion and nutrition

Action of humoral factors regulating cell division during the first hours of liver regeneration. S. I. Tolpogova. Biol. eksp. biol. i med. 65 no. 4:100-103 Ap '68.

Biological value of rye and wheat proteins. P. E. Kalmykov. Vop. pit. 27 no. 1:42-46 Ju-I '68.

Changes in the excitability of spinal flexor centers in microintervals following stimulation of the stomach. S. E. Rudashovskii, N. B. Kluchnikova. Trudy Perm. gos. med. inst. no. 5:407-415 '63.

Comparative data of studies on some motor processes of the alimentary tract by means of the roentgenological method and the "window" technique. M. M. Popov, I. V. Vinayev, M. A. Kirilov. Biol. eksp. biol. i med. 65 no. 4:122-124 Ap '68.

Comparative study of the biological value of food protein and equivalent amino acid mixture. O. A. Shukhova. Kazanochikina and others. Vop. pit. 27 no. 1:46-51 Ja-F '68.

Effect of a transient stress of the hands on the motor function of the stomach under normal conditions and in hypoxic state; X-ray study. G. N. Propasina, V. I. Poltor, A. N. Tikhonchikov. Trudy Perm. gos. med. inst. no. 5:303-307 '63.

Effect of ascorbic acid on oxidative phosphorylation in brain mitochondria following hypoxia. M. M. Fashina, V. O. Nikonova, Z. I. Shilov. Uch. zap. Petrozav. gos. un. 14 no. 3:131-134 '68.

Effect of chronic hypoxia on the sensitivity to insulin. Zh. V. Bolotova. Izv. Otd. biol. nauk AN Tadjik. SSR no. 1:113-114 '68.

Hypertrophy of hepatic cells and their nuclei in a regenerating liver in rats at different ages. Z. A. Mikhlinina. Biol. eksp. biol. i med. 65 no. 4:111-115 Ap '68.

Implantation of nonpolarizing electrodes for the recording of ultra-low potentials of the gastrointestinal tract in chronic experiments. M. A. Sobakin, I. V. Todorov. Biol. eksp. biol. i med. 65 no. 4:120-122 Ap '68.

Nutrition and energy consumption in 6-10 year old schoolchildren under the conditions of boarding school. E. V. Akulina. Nauch. trudy ONI no. 61:223-227 '65.

Origin of vitamin excretion and its biological significance. R. V. Chugovova, E. V. Laktion. Vop. pit. 27 no. 1:3-10 Ja-F '68.

612.3 (Continued)

Influence of the strength of the skeletal muscle on the rate of the adrenal cortex secretion. M. P. Babin. Trudy Perm. gos. med. inst. 14 no. 3:117-121 '68.

Effect of the strength of the skeletal muscle on the rate of the adrenal cortex secretion. M. P. Babin. Trudy Perm. gos. med. inst. 14 no. 3:117-121 '68.

Effect of the strength of the skeletal muscle on the rate of the adrenal cortex secretion. M. P. Babin. Trudy Perm. gos. med. inst. 14 no. 3:117-121 '68.

Effect of the strength of the skeletal muscle on the rate of the adrenal cortex secretion. M. P. Babin. Trudy Perm. gos. med. inst. 14 no. 3:117-121 '68.

Effect of the strength of the skeletal muscle on the rate of the adrenal cortex secretion. M. P. Babin. Trudy Perm. gos. med. inst. 14 no. 3:117-121 '68.

612.4 Glandular physiology. Secretion. Excretion

Effect of serum and glands on the rate of healthy persons. M. P. Babin. Trudy Perm. gos. med. inst. 14 no. 3:117-121 '68.

Changes in the osseous tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone. A. I. Volozhin, T. I. Lemetskaya. Probl. endok. 14 no. 3:105-107 My-Je '68.

Comparative study of the sensitivity of the lutealizing function of the hypophysis in intact and castrated female rats to estradiol. O. K. Danilova. Probl. endok. 14 no. 3:85-88 My-Je '68.

Concentration of the hypothalamic factor stimulating the secretion of luteinizing hormone by the hypophysis. G. G. Basova, L. M. Gludman. Probl. endok. 14 no. 3:78-82 My-Je '68.

Content of cholesterol and its esters in the adrenal glands of human fetuses. L. V. Kuznetsova. Probl. endok. 14 no. 3:69-73 My-Je '68.

Content of growth hormone in the blood serum in patients with cerebral tumors. I. N. Vinogradova, T. S. Prokha. Vop. neirofizi. 31 no. 1:13-14 Ja-F '67.

Determination of the functional activity of the thyroid gland in animals by means of radioisotopes in comparison with data of morphological studies. S. A. Lebedevskiy, V. A. Glumova, I. U. Duglaren. Trudy Semipal. med. inst. 4:114-120 '66.

Determination of the sensitivity of the hypophysis of human embryo to hypothalamic factor releasing follicle stimulating hormones. M. A. Borisova. Zhur. ob. biol. 27 no. 2:244-244 My-Je '68.

Development of the skeleton, bone marrow, and hemopoietic function of cattle during embryonic period. N. T. Sergeeva. Nauch. dokl. vyz. shkoly. biol. nauk. 11 no. 7:50-52 '68.

Distribution of labeled thyroxine in some endocrine glands in rats. E. A. Kullik, A. P. Popov. Probl. endok. 14 no. 3:90-93 My-Je '68.

Effect of ACTH on steroid formation in the adrenal glands of rat embryos during experiments in vitro. T. S. Sakhatkaya. Probl. endok. 14 no. 3:94-94 My-Je '68.

Effect of adrenalectomy on the intensity of phospholipid metabolism in the brain and liver of rats under oxygen deficiency conditions. L. M. Antokov. Dokl. AN SSSR 169 no. 1:245-247 My-Je '68.

Electric activity of caudal meningeal sympathetic ganglion following adrenalectomy and injection of corticosteroids. A. D. Nuzdrachev. Biol. eksp. biol. 1 med. 61 no. 4:15-12 Ap '68.

Methodology of obtaining and recording saliva from the maxillary salivary glands in man. N. N. Kabanov, V. M. Selezneva. Zhur. vyz. nerv. detal. 18 no. 3:345-347 My-Je '68.

Morphological functional shifts in the adrenal glands, thyroid gland and liver under the effect of hypothyroidism. V. A. Glumova. Trudy Semipal. med. inst. 4:107-113 '66.

Proreceptors and endocrine glands. P. M. Kaplan, N. M. Turutiner. Trudy Perm. gos. med. inst. no. 5:25-32 '63.

Some experimental data on the action of gaslike juice on infected wounds. B. Kh. Abdusamelov. Trudy Semipal. med. inst. 4:249-253 '66.

Symposium "Steroid hormones." I. U. Morozova. Probl. endok. 14 no. 3:115-118 My-Je '68.

612.5 Animal heat. Body temperature

Changes in the heat exchange in rabbits with experimental hypothyroidism during the initial periods of adaptation to moderately low external temperature. G. I. Medvedeva. Probl. endok. 14 no. 3:100-104 My-Je '68.

Characteristics of thermoregulating reflex in aporismen. M. M. Kruglyi. Trudy Perm. gos. med. inst. no. 5:159-173 '63.

Distribution of the skin temperature of the anterolateral surface of the chest in healthy persons. I. U. D. Borodulin. Trudy Vor. med. inst. 49:57-59 '62.

Dynamics of the skin temperature in orthostatic tests. E. G. Uchinskaya. Trudy Perm. gos. med. inst. no. 5:159-160 '63.

Effect of hypothyroidism on thermoregulating reactions. A. I. Kuznetsov. Trudy Semipal. med. inst. 4:150-158 '66.

Effect of muscular stresses on the skin temperature. B. N. Daiskovskiy. Trudy Perm. gos. med. inst. no. 5:145-149 '63.

Materials on skin thermometry during orthostatic tests in gravidae under normal conditions and in toxicosis. V. M. Kabanov. Trudy Perm. gos. med. inst. no. 5:265-267 '63.

Morphological functional shifts in the adrenal glands, thyroid gland and liver under the effect of hypothyroidism. V. A. Glumova. Trudy Semipal. med. inst. 4:107-113 '66.

Significance of electrothermometry of the precordial area in the diagnosis of coronary insufficiency. I. U. Borodulin. Trudy Vor. med. inst. 49:60-65 '62.

Significance of the determination of hyperthermia in cardiac pairs. N. D. Chernik, A. S. Kuznetsov. Trudy Perm. gos. med. inst. no. 5:145-149 '63.

Significance of the pelvic osteomyelitis in temperature regulation reaction in dogs. N. I. Zhakov. Uch. zap. Petrozav. gos. un. 11 no. 3:51-51 '66.

Study of gas temperature changes in the orthostatic test and their mechanism. B. N. Daiskovskiy. Trudy Perm. gos. med. inst. no. 5:159-155 '63.

Temperature of the concha auricularis as an index of vascular reactions to some muscular stimulation. V. A. Rachev. Trudy Perm. gos. med. inst. no. 5:161-163 '63.

Temperature of the skin of the concha auricularis during excitation of the vestibular apparatus and muscular tension. V. A. Rachev. Trudy Perm. gos. med. inst. no. 5:203-213 '63.

612.6 Reproduction. Development. Growth. Aging. Death

Effect of hormonal factors regulating cell division during the first hours of liver regeneration. S. I. Fyfeleva. Biol. eksp. biol. 1 med. 65 no. 4:100-103 Ap '68.

Analysis of age-related characteristics of the changes in blood circulation during the orthostatic test. S. M. Daidovskiy. Trudy Perm. gos. med. inst. no. 5:125-129 '63.

Content of cholesterol and its esters in the adrenal glands of human fetuses. L. V. Kuznetsova. Probl. endok. 14 no. 3:69-73 My-Je '68.

Dependence of the restoration of the adrenal cortex on the character of the operative intervention. G. P. Krasovskiy. Biol. eksp. biol. 1 med. 65 no. 4:103-107 Ap '68.

Development of the nervous apparatus of cerebral dura mater in human fetuses. Z. A. Potemkina. Trudy Semipal. med. inst. 4:93-98 '66.

Effect of ACTH on steroid formation in the adrenal glands of rat embryos during experiments in vitro. T. S. Sakhatkaya. Probl. endok. 14 no. 3:94-94 My-Je '68.

Hypertrophy of hepatic cells and their nuclei in a regenerating liver in rats of different ages. A. A. Bapstova. Biol. eksp. biol. 1 med. 65 no. 4:111-115 Ap '68.

Immature sources of human trachea and main bronchi during the period of intrauterine development. T. I. Morozova. Trudy Semipal. med. inst. 4:95-92 '66.

Materials for the clinical aspects and treatment of pregnancy toxemias. A. A. Aronova. Trudy Semipal. med. inst. 4:323-327 '66.

Materials for the problem of age-related characteristics of the orthostatic test and "negative phase" of the pulse. G. P. Chuvpova. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Materials on skin thermometry during orthostatic tests in gravidae under normal conditions and in toxicosis. V. M. Kabanov. Trudy Perm. gos. med. inst. no. 5:265-267 '63.

Physiological repairing regeneration of apocytic oocytes in the ovaries of dogs. I. U. Pogorlov. Trudy Semipal. med. inst. 4:492-500 '66.

Pregnancy and labor in congenital adrenogenital syndrome. I. V. Gileva, V. I. Lemenova, I. S. Rozovskiy. Probl. endok. 14 no. 3:24-27 My-Je '68.

Preservation of an approximately 8-month pregnancy following multiple fractures of the pelvis. A. A. Rozbagarov. Trudy Semipal. med. inst. 4:321-322 '66.

Rejection of autotransplant under conditions of sensitization of the organism by some microbial antigens. I. U. S. Zelenkova, I. P. Ogortova. Biol. eksp. biol. 1 med. 65 no. 4:107-110 Ap '68.

Sex biologic potentials and the contractile activity of the uterus. G. M. Prokha. Biol. eksp. biol. 1 med. 65 no. 4:11-12 Ap '68.

Structure and topography of the reproductive organs in the female mink. I. F. Tikhonov. Uch. zap. Petrozav. gos. un. 11 no. 3:60-73 '66.

Vitamin A aldehyde. Its distribution and role in the organism. Report No. 2: Vitamin A aldehyde content in the liver, blood and adrenal glands of pregnant rats and in embryos. A. O. Kabanov, G. V. Eremina. Vop. pit. 27 no. 1:19-24 Ju-E '68.

612.6(471.22) — Karolita A. S. S. R.

Materials on the reproduction of the Karolita muskrat population. E. V. Ivachin. Uch. zap. Petrozav. gos. un. 14 no. 3:100-116 '68.

612.7 Organ of movement. Voice. Skin

Changes in the excitability of spinal flexion centers in microstimulation following stimulation of the stomach. S. E. Rudakovskiy, N. U. Kikuchikova. Trudy Perm. gos. med. inst. no. 5:407-415 '63.

Changes in the membrane potential of the smooth muscles of the bursae in rabbits during depolarization caused by potassium chloride and sulfate. M. I. Gurevich, I. A. Golov, N. G. Kuchemskaya. Biol. eksp. biol. 1 med. 65 no. 4:13-16 Ap '68.

Changes in the osseous tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone. A. I. Volozhin, T. I. Lemetskaya. Probl. endok. 14 no. 3:105-107 My-Je '68.

Comparative histomorphological study of contractile proteins of the cardiac and skeletal musculature. V. S. Rukosuev. Kardiologia 6 no. 5:112-117 My '63.

Continuous local myoelectricity in man. I. P. Blozhin. Biol. eksp. biol. 1 med. 65 no. 4:118-119 Ap '68.

Correlation of the tonus of skeletal musculature with arterial pressure and pulse under the effect of physical load lasting two hours. V. N. Volkov, V. O. Skrebnov, A. I. Shcherbakov. Trudy Perm. gos. med. inst. no. 5:192-202 '63.

Correlations in the activity time of call. A. I. Shcherbakov. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Dependence of the nutritional sources of the body on the human food from the character of the body structure. K. K. Vlasova. Trudy Semipal. med. inst. 4:104-108 '66.

Distinction of vocal speech. V. P. Vlasova. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Effect of a transient stress of the body on the function of the stomach under normal conditions. A. I. Shcherbakov, X-ray study. I. N. Vinogradova, V. A. Glumova. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Effect of central stimulation on the latent period of reflex and the orthostatic test. V. A. Rachev. Biol. eksp. biol. 1 med. 65 no. 4:103-107 Ap '68.

Effect of muscular stresses on the skin temperature. B. N. Daiskovskiy. Trudy Perm. gos. med. inst. no. 5:145-149 '63.

Effect of respiration on movement. I. M. Puzosov. V. S. Fyfelev. Trudy Perm. gos. med. inst. no. 5:145-149 '63.

Electric conductivity of the skin in children. A. I. Shcherbakov. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Muscular strength and tolerance to exertion in patients with coronary disease. L. A. Duglaren. Trudy Perm. gos. med. inst. no. 5:381-385 '63.

Physiology of the motor defense conditioned reflex in man. Z. I. Ushakov. Trudy Perm. gos. med. inst. no. 5:104-106 '63.

Reflex changes in the tonus of the larynx in rats exposed to cold with the respiratory apparatus. V. A. Glumova. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Reflex influences from the stomach on the heart in man under vibration stimulation. V. P. Fyfelev. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Specific reflex variability of body functions. V. A. Glumova. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Study of protein fraction in rabbit skeletal muscle myofibrils. M. I. Shcherbakov. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Temperature of the concha auricularis as an index of vascular reaction in under muscular stress. V. A. Rachev. Trudy Perm. gos. med. inst. no. 5:161-163 '63.

Temperature of the skin of the concha auricularis as an index of vascular reaction in under muscular stress. V. A. Rachev. Trudy Perm. gos. med. inst. no. 5:161-163 '63.

Vascular component of optokinetic reflex in the newborn rabbit. A. M. Fyfelev. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

612.8 Nervous system. Sense organs

Afferent innervation of kidneys. V. N. Fyfelev. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Afferent innervation of neurons of vegetative nuclei. A. A. Mikhlin. Trudy Perm. gos. med. inst. no. 5:172-173 '63.

Association between phasic and tonic components of the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Dzhilalov, J. T. [Soviet behavior] Bulletin of the Academy of Sciences, USSR, 1968, 48 p. (Russian version of the technique. Biograf. 6).

Changes in the excitability of spinal flexion centers in microstimulation following stimulation of the stomach. S. E. Rudakovskiy, N. U. Kikuchikova. Trudy Perm. gos. med. inst. no. 5:407-415 '63.

Changes in the hypodermis and subcutaneous fat. The electrical conductance in man under the effect of V. V. Fyfelev, V. V. Kabanov, I. N. Vinogradova. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Changes in the sensory electric field and its response in light following stimulation of the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

Characteristics of evoked responses in the afferent innervation of the vagus nerve. L. G. Voronin and others. Zhur. vyz. nerv. detal. 18 no. 3:414-416 My-Je '68.

613.6(479.24)—Azerbaijan S.S.R.
Aleksperov, I. I. [Comparative characteristics of morbidity among the workers of the petroleum industry in Azerbaijan]. Svrnyitel'naya kharakteristika zabolevayemosti rabochikh neflianoj promyshlennosti Azerbaidzhana. (Sumgait, 1986) 68 p.

613.6(571.13)—Omsk Province
Hygienic evaluation of the air in the area of Omsk Petroleum Refinery. R. A. Posokhin. Nauch. trudy OMI no. 61-128-133 '85.
Industrial waste waters in Omsk. V. A. Borodin. Nauch. trudy OMI no. 61-66-109 '85.

613.6(574)—Kazakhstan S.S.R.
Materials for the sanitary and hygienic characteristics of working conditions for the workers of the Sompiatinsk Cement Plant. Report No. 1. G. A. Ryzhkov, G. M. Makutova. Trudy Sompiat. med. inst. 4-108-101 '88.

Sanitary and hygienic evaluation of health-unharming workshops of the liqueur and vodka combines in Sompiatinsk with respect to the study of the effect of alcohol vapors on human health. V. P. Kadykov, G. A. Ryzhkov. Trudy Sompiat. med. inst. 4-171-178 '86.

613.6(575.1)—Uzbek S.S.R.
Qualifying changes. V. Tkachenko. Ochr. truda i soz. strakh. II no. 6:10-11 Je '86.

613.7 Exercise, Recreation, Rest, Sleep
Contractile capacity of the myocardium in hypotension and the effectiveness of physical exercise. I. B. Temkin. Trudy Perm. gos. med. inst. no. 5-245-250 '83.

Correlation of the tone of skeletal musculature with arterial pressure and pulse under the effect of physical load lasting two hours. V. N. Volkov, V. G. Serebreny, A. I. Shcherbakov. Trudy Perm. gos. med. inst. no. 5-197-202 '83.

Decrease of arterial pressure related to physical work: a review. V. I. Platin. Trudy Perm. gos. med. inst. no. 5-231-240 '83.

Effect of a transverse stress of the hands on the motor function of the stomach under normal conditions and in hypoxic state: X-ray study. G. N. Propastin, V. I. Felitsin, A. N. Tatarskiy. Trudy Perm. gos. med. inst. no. 5-263-267 '83.

Effect of muscular stresses on the skin temperature. B. M. Datskovskii. Trudy Perm. gos. med. inst. no. 5-145-147 '83.

Interruption of the indices of pulmonary gas exchange and hemodynamics in physical stress. R. A. Belcheva. Trudy Vor. med. inst. 58:58-52 '87.

Muscular strength and tolerance to locomotor stress in patients with eczema. R. A. Desychev. Trudy Perm. gos. med. inst. no. 5-391-398 '83.

Significance of the "negative phase" of the pulse during functional tests in persons engaged in physical culture. S. T. Solov'yev. Trudy Perm. gos. med. inst. no. 5-131-135 '83.

Some data on the possibility of using "full breathing" for the purpose of active rest. V. V. Gerasimov. Trudy Perm. gos. med. inst. no. 5-437-440 '83.

Temkin, I. B. [Physical exercise and the cardiovascular system]. Fizicheskie uprazhneniya i sordtsino-sosudistaya sistema. Moskva, "Vyssh. shkola," 1987. 128 p.

613.7(477)—Ukraine S.S.R.
Scientific organization of labor and physical training. I. U. Krivok. Ekon. Rad. Ukr. 10 no. 2:75-78 F '88.

613.8 Nervous and mental hygiene. Health and additions, morals, behavior

Role of alcohol in the occurrence of sudden death due to acute coronary insufficiency and myocardial infarct in otherwise chronic and hypertension. V. A. Opaleva-Sigantseva. Kardiolgiya 8 no. 3:145-147 Mr '88.

613.9 Hygiene in relation to race, age and sex
[Occupational hygiene of adolescents in various branches of the national economy]. Gigena truda podratkov v razlichnykh otzashchikh narodnogo khozaystva. Pod red. I. A. Arno'di. Moskva, "Meditsina," 1987. 380 p.

614 Public health and safety
The Medical and Sanitary Department. Ochr. truda i soz. strakh. II no. 6:1-2 Jo '88.

614.2 Official and professional organization
[Centennial of the Red Cross in our country] 100 let Krasnogo Krestia v nashei strane. Pod red. G. A. Mitrova. Moskva, "Meditsina," 1987. 208 p.

Central Scientific Research Radiobiological Institute of the Ministry of Public Health of the U.S.S.R. in the development of Soviet oncology. K. B. Tikhonov, A. I. Strashnin, A. A. Gabelov. Vop. onk. 14 no. 7:15-20 '88.

Hygienic evaluation of the standardization of sanitary-protective zones in the U.S.S.R. V. A. Put'kina. Nauch. trudy OMI no. 61-158-167 '85.

Kozlov, I. I. [Where to go for medical treatment and rest]. Kuda poekhat' lechit'sia i otdykh'. Izd. 2-o, pererabot. i dop. (Moskva), Profizdat, 1986. 126 p. (B-chka profesornogo aktivista. 11-12(203-204)).

Neurosurgical aid in the U.S.S.R. and its current problems. A. I. Arslanov, N. I. Mironov. Vop. neirokhir. 31 no. 1:1-6 Ja F '87.

Public eating establishments under present conditions. V. G. Kiriakov. Trudy Perm. gos. med. inst. no. 65: 5-9 '87.

Some current tasks and methods of cancer control propaganda. L. A. Suster, V. A. Kozlov. Vop. onk. 14 no. 4:91-94 '88.

Work methods of the municipal public health physician. S. A. Put'kina. Nauch. trudy OMI no. 61-238-243 '85.

614.2(471.4)—Central and Lower Volga regions

Alekseev, G. A. [Sanitation problems and reduction of infectious diseases in Chuvashia]. Sanitarnoe delo i snizhenie infektsionnykh boleznei v Chuvashii. Chuvashskoye kn. izd., 1987. 68 p.

614.2(471.53)—Perm Province
Development of public eating establishments in Perm. I. A. Ivanova, L. I. Orlova, N. S. Zhil'tsev. Trudy Perm. gos. med. inst. no. 65:10-15 '87.

614.2(478)—Moldavia S.S.R.
Konferentsiya gigienistov i sanitarnykh vrachei Moldavskoi SSR, posvyashchennoi voprosam gigeny i sanitarnosti. Kishinev, [Materials of the First Conference of Hygienists and Public Health Physicians of the Moldavian S.S.R. Devoted to the Problems of Rural Hygiene]. Materialy, Kishinev, Parltiro Izd. Tek KP Moldavi, 1985. 251 p.

614.2(571.13)—Omsk Province
Effect of air pollution in Sovetskii District of Omsk on the domestic conditions and feelings of the population. R. A. Posokhin. Nauch. trudy OMI no. 61-122-127 '85.

Sanitary and hygienic characteristics of residential buildings in the district sections of "Sotkhizhzhnitsa" of Omsk Province. N. A. Pogorelov. Nauch. trudy OMI no. 61-166-178 '85.

614.2(574)—Kazakhstan S.S.R.
Analysis of traumatism and the organization of traumatological aid based on materials of the surgical section of the 3d Sompiatinsk City Hospital. V. I. Koskin, V. I. Nagibin. Trudy Sompiat. med. inst. 4:102-107 '88.

614.3 Food, drugs, health and sanitary inspection, supervision and control
Concerning A. V. Terman's article "Methodology of the control of safety when working with sources of ionizing radiation": letter to the editors. S. S. Kulikov. Med. rad. 13 no. 7:70-71 Mr '88.

Growth rate of diphteria pathogens in planned examinations of groups under observation. M. I. Bogomolov. Trudy Perm. gos. med. inst. no. 59:43-45 '87.

Organization of measures to control helminth carrier states among the workers of public eating establishments. M. P. Bogomolov, V. P. Danilova. Trudy Perm. gos. med. inst. no. 60:10-12 '87.

Proctor laboratory for the sanitary station of a public eating establishment. A. K. Koshchev, E. K. Lucheva, M. P. Vysok. Trudy Perm. gos. med. inst. no. 60:31-33 '87.

Some organizational measures for the improvement of the sanitary state of public eating establishments. A. Koshchev and others. Trudy Perm. gos. med. inst. no. 60:34-38 '87.

Use of laboratory control methods in the examination of food objects: design of a methodological letter. A. K. Koshchev, M. I. Bogomolov. Trudy Perm. gos. med. inst. no. 60:81-85 '87.

Use of simplest instrumental control methods in the practice of sanitary food supervision. N. S. Zhil'tsev, M. P. Vysok. Trudy Perm. gos. med. inst. no. 60:26-30 '87.

614.3(471.53)—Perm Province

Experience in the organization of sanitary measures in the public eating establishments of the Perm City Restaurant Trust. N. S. Zhil'tsev. Trudy Perm. gos. med. inst. no. 60:16-25 '87.

614.3(571.13)—Omsk Province

Experience in the work of the laboratory of sanitary bacteriology of a city sanitary and epidemiological station in the control of some food products. E. E. Akseil'brod. Nauch. trudy OMI no. 61-228-233 '85.

614.7 Air, soil and water hygiene and sanitation. Pollution. Disease

Comparative toxicological characteristics of small concentrations of cyclohexanone and cyclohexanol as air contaminants. A. A. Dobrinskii. Nauch. trudy OMI no. 61-147-157 '85.

Control of water pollution abroad. I. M. Kutyrin. Gidr. i mel. 28 no. 5:106-107 My '88.

Effect of natural on organoleptic properties of water. P. I. Kozlov. Nauch. trudy OMI no. 61-80-83 '85.

Effect of pollution of air environment in the carbon black industry on the morbidity among workers and their health. L. T. Komarova. Nauch. trudy OMI no. 61-116-121 '85.

Evaluating the attenuation of γ -radiation from radioactive fallout by snow cover. V. V. Pavlov, I. E. Kozlovskiy, G. A. Fedorov. Atom. energ. 25 no. 1:66-67 Ji '88.

Modeling of radioactive fallout particles. W. A. A. Ter-Saakov, N. N. Shevtsov. Atom. energ. 6 no. 5:584-586 Je '88.

The scientific and technical progress and nature. Gladkov. Nov. vrem. 26 no. 34:15-19 Ag '88.

Study of bactericidal fiber for sterilization of air. K. M. Sinitrina and others. Khim. farmakol. no. 12:44-49 D '87.

Studying the performance of soil analysis in reservoirs for industrial solutions. M. S. Tikhonov, G. M. Kuzovlev. Izv. VNIIG 70:102-113 '85.

Substitution of a single maximal permissible concentration of divinyl in the air. O. Kh. Ripp. Nauch. trudy OMI no. 61-134-140 '85.

Superline purification of air by means of filters on P.P. material. P. I. Basmanov. Khim. farmakol. 1 no. 12:50-52 D '87.

614.7(282.25)—Asian rivers
Fauna essay on the freshwater molluscs of the Tobol and Taysa Rivers. V. N. Drozdov. Nauch. trudy OMI no. 61-51-55 '85.

Influence of the Omi River on the water of the Irtysh River. P. T. Lipikhin. Nauch. trudy OMI no. 61-13-18 '85.

Zooplankton of the Uy River in Omsk Province. Chichurov. Nauch. trudy OMI no. 61-32-35 '85.

614.7(57)—Atlantic U.S.S.R.

Hygienic protection of the soil in some cities of Siberia. L. A. Tarasova. Nauch. trudy OMI no. 61-218-219 '85.

Sanitary and hygienic characteristics of stable Tonia and Salama. D. N. Tarasovich. Nauch. trudy OMI no. 61:3-8 '85.

614.7(571.13)—Omsk Province

Algorithm of the ponds of the solution of the Omsk Province. L. M. Kozlov. Nauch. trudy OMI no. 61-46-50 '85.

Effect of air pollution in Sovetskii District of Omsk on the domestic conditions and feelings of the population. R. A. Posokhin. Nauch. trudy OMI no. 61-122-127 '85.

Industrial waste waters in Omsk. K. A. Borodin. Nauch. trudy OMI no. 61-66-109 '85.

Digibolization of the lake Bolshoy Ashekskul in Omsk Province. V. O. Fedorov. Nauch. trudy OMI no. 61-31-36 '85.

614.7(574)—Kazakhstan S.S.R.

Detection of optically active mycelium and study of its use in the reservoirs of Virgin territory. Drozdov. Nauch. trudy OMI no. 61-45-50 '85.

Some data for the sanitary evaluation of the Sompiatinsk. Preliminary report. G. M. Makutova. Trudy Sompiat. med. inst. 4:167-170 '88.

614.8 Accident prevention, protection, safety
Bench-Brugelov, E. V. [First aid in burns]. Per. pismennoy pri ozhogakh. Moskva, "Meditsina," 31 p. (Nauch.-popul. med. literat.)

Collecting the evidence in the process of the trial of a criminal violation of industrial safety rules. V. Don'tsikov. Rad. pravo no. 6:85-87 Je '88.

A cutter stops bleeding. V. Volodin. Izobr. i izv. 33 '88.

Description of some five cases abroad. A. L. S. Inform. sbor. TSNiPO no. 0:140-145 '81.

Fire prevention requirements concerning water area abroad. E. N. Ivanov. Inform. sbor. TSNiPO no. 0:82-100 '81.

Fire statistics in foreign countries for 1957. I. Pivovarov, T. A. Shumakova. Inform. sbor. TSNiPO no. 0:138-145 '81.

Fire trucks abroad. I. A. Egli. Inform. sbor. TSNiPO no. 0:3-75 '81.

For those who work with pich. E. Nedba. Ochr. truda i soz. strakh. II no. 6:24 Jo '88.

From the pages of foreign periodicals. A. A. B. Inform. sbor. TSNiPO no. 0:158-170 '81.

Hydraulic drive of the Dsch "Kranenburg" fire ladder. N. M. Datska. Inform. sbor. TSNiPO no. 10-113 '81.

[Safety manual for work involving the use of machinery for cultivating and harvesting corn]. Pandak na bezopasnost' pri rabote na mashinakh po vozdel'niy uborku kukuryzy. Moskva, Rossiiskhozizdat 12 p. (Pamiatka po tekhnike bezopasnosti).

[Safety manual for work involving the use of machinery for cultivating and harvesting flax]. Pamiatka na bezopasnost' pri rabote na mashinakh po vantiu uborku flina. Moskva, Rossiiskhozizdat 13 p. (Pamiatka po tekhnike bezopasnosti).

[Safety manual on the operation of earthmoving machinery]. Pamiatka po tekhnike bezopasnosti pri razemlerovnykh mashinakh. Moskva, Rossiiskhozizdat 1987. 28 p. (Pamiatka po tekhnike bezopasnosti).

Take care of your hands. O. K. Kozlovskiy, D. M. Ochr. truda i soz. strakh. II no. 6:24 Jo '88.

Testing of foam sprinklers of the American Sprinkler Company. M. V. Kazakov, I. V. K. Inform. sbor. TSNiPO no. 8:78-81 '81.

Units for fire fighting and fire prevention signs and equipment for remote control and drive. Zhdanov, V. M. Makarov. Inform. sbor. TSNiPO 124-136 '81.

614.8(41)—United Kingdom and Northern Ireland

Radiation safety at the enterprises of the Atomic Authority in Great Britain. V. Kozlov. Atom. energ. 28 no. 1:74 Ji '88.

Malin, B. M. [Compound measures for health protection of workers. (From the work experience of the Order of Lenin First Moscow Clock and Watchmaking Plant named after S. M. Kirov).] Kompleksnye meropriyatiya po okhrane zdorov'ia i truda shchikheima. (Iz opyta raboty Ordena Lenina i gos. Moskenskogo chasovogo zavoda imeni S. M. Kirova). Moskva, "Meditsina," 1907, 119 p. [Perevodnyi opyt organizatsii zdoravookhraneniia]. (D.N.L.M.)

014, 8(57)—Asiatic U.S.S.R.

Organization of work of the procurement for enterprises. T. Golubina. Mat.-tekhn. anal. 3 no. 5:47-52 My '66.

014, 8(57, 4)—Turkmen S.S.R.

At the post of an observer. A. Murodov. Okhr. truda i sl. strakh. 11 no. 8:22-23 Je '66.

616 Pharmacy. Pharmacology. Toxicology

Drug resources in the U.S.S.R. Report No. 1. The types of plants epiphytic on the fungus, distribution of alkaloids, future supply of natural ergot. N. I. Ostrovskii, A. N. Ivanovskaya, A. I. Shalagina. Rast. res. 4 no. 2:162-172 '66.
Synthesis and pharmacological study of acyl derivatives of imidobenzyl. V. M. Bagel and others. Khim.-farm. zhur. 1 no. 12:21-28 D '67.
Way of reducing the time needed for the adoption of new drugs. E. M. Afanogenova. Trudy ILL no. 6:10-21 '67.
What kind of maps are needed for studying the resources of wild medicinal plants. D. S. Ivanova. Nauch. iss. 4 no. 2:273-274 '66.

016(471, 232)—Leningrad City

Leningrad Chemical and Pharmaceutical Institute during the years of Soviet power. A. G. Egorov. Khim.-farm. zhur. 1 no. 12:3-7 D '67.

615.2 Inorganic materia medica

Aralia-2-phospho, a new preparation for the treatment of dermatomycoses. G. N. Forskin and others. Khim.-farm. zhur. 1 no. 12:53-56 D '67.

615.3 Organic materia medica

Changes in potassium and sodium content in rabbit plasma and erythrocytes under the effect of glucocorticoids. L. S. Mikhailovich. Probl. endok. 14 no. 3:83-85 My-Jo '68.

Changes in the osseous tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone. A. I. Volozhina, T. I. Lometskaya. Probl. endok. 14 no. 3:105-107 My-Jo '68.

Characteristics of osmolytic in hemodialysis. M. A. Khodova and others. Kardiologia 8 no. 6:136-140 My '68.

Combined effect of catecholamines and lytic acidosis on coronary blood flow and myocardial oxygen metabolism. I. A. Pavlov. Kardiologia 8 no. 6:46-44 My '68.

Comparative study of the sensitivity of the inhibiting function of the hypothalamus in intact and castrated female rats to estradiol. O. K. Dmitrieva. Probl. endok. 14 no. 3:85-89 My-Jo '68.

Cytotoxic effect of splenic cells in nonirradiated and irradiated rabbits. N. N. Klemmarchuk, V. V. Sytkovskiy. Biol. eksp. biol. 1 med. 65 no. 4:49-51 Ap '68.

Determination of prolactinase activity in crystalline insulin. M. I. Plokhin, A. A. Balich, Khim.-farm. zhur. 1 no. 12:37-40 D '67.

Distribution of labeled thyroxine in some endocrine glands in rats. E. A. Koli, A. P. Popov. Probl. endok. 14 no. 3:90-93 My-Jo '68.

Effect of ACTH, corticosterone and sex hormones on the blood coagulation system. R. I. Seifulla, A. I. Mstetski. Biol. eksp. biol. 1 med. 65 no. 4:67-70 Ap '68.

Effect of ACTH on cholesterol metabolism and the blood protein picture. V. I. Akubovskaya, I. A. Rykovskaya. Probl. endok. 14 no. 3:94-98 My-Jo '68.

Effect of ACTH on steroid formation in the adrenal glands of rat embryos during experiments in vitro. T. S. Shkhalakata. Probl. endok. 14 no. 3:91-94 My-Jo '68.

Effect of corticosteroid hormones on cerebral metabolism: a review of the literature. A. N. Panov, N. A. Emolinov. Probl. endok. 14 no. 3:108-113 My-Jo '68.

Effect of glucocorticoids on some indices of metabolism and cardiovascular activity. G. M. Solov'ov and others. Kardiologia 8 no. 6:13-11 My '68.

Effect of industrial gastric juice on the state of the peripheral blood. R. Kh. Abdumomotov. Trudy Semipal. med. inst. 4:403-400 '66.

Effect of methyltestosterone on the function of sex glands. M. L. Korikov. Vrach. delo no. 6:100-102 My '68.

Effect of some medicinal preparations of vegetal origin on mitosis. I. Kh. Nikogosyan. Trudy Len. khim.-farm. inst. 21:228-234 '67.

Effect of thyroid hormone on tumor cells in tissue culture. A. I. Spitev, V. I. Arkhipenko. Vop. onk. 14 no. 4:86-86 '68.

Electric activity of caudal mesencephalic sympatho- ganglion following adrenalectomy and introduction of corticosteroids. A. D. Nozdachov. Biol. eksp. biol. 1 med. 65 no. 4:35-39 Ap '68.

Estrogen therapy in compound treatment of malignant ovarian tumors. G. P. Loskutova. Vop. onk. 14 no. 7:103-104 '68.

Experience in clinical use of the Soviet steroid preparation solasodin. I. A. Lezhninskii and others. Vrach. delo no. 5:47-50 My '68.

Experimental use of convalescent blood in acute radiation sickness. A. A. Cheviyko. Med. rad. 13 no. 5:21-24 My '68.

Obtaining of chemically pure pharmacological aminocaproic acid. M. I. Kaganovskaya and others. Khim.-farm. zhur. 1 no. 12:42-44 D '67.

One of the possible mechanisms of increasing ACTH content in the blood in traumatic shock. G. S. Mazurkevich. Probl. endok. 14 no. 3:73-78 My-Jo '68.

Problems of hematology and blood transfusion. Voprosy gematologii i perekravania krovi. Izda. "Zinatne," 1967, 152 p. (D.N.L.M.)

Repair of defects of the tubular bones using preserved osseous heterotransplants under experimental conditions. B. Khabizhanov. Trudy Semipal. med. inst. 4:254-256 '66.

Sensitization of electroencephalographic analysis of the prophylactic effect of diadromin homoheterotransfusin shock. K. Shaimerdanov. Trudy Semipal. med. inst. 4:128-131 '66.

Some experimental data on the action of gastric juice on infected wounds. R. Kh. Abdumomotov. Trudy Semipal. med. inst. 4:240-232 '66.

Study of bactericidal fiber for sterilization of the air. K. M. Smirnova and others. Khim.-farm. zhur. 1 no. 12:44-40 D '67.

Symptoms "Steroid hormones." I. U. V. Morozov. Probl. endok. 14 no. 3:116-118 My-Jo '68.

Transplantation of bone marrow in compound treatment of malignant tumors of the ovaries. V. G. Mikhailov, L. I. Gantova, T. M. Alieva. Vop. onk. 14 no. 7:32-35 '68.

Vitamin B₁₂ in chemotherapy of experimental tumors. Z. P. Kuznetsov, N. R. Pottar. Vop. onk. 14 no. 4:70-75 '68.

015, 3(571, 12)—Tyumen' Province

Use of cyanol in the fattening of bull calves. I. U. Rastegayev. Zakp. sel'khoz. prod. no. 12:32-33 D '67.

015, 3(571, 12)—Tyumen' Province

Use of cyanol in the fattening of bull calves. I. U. Rastegayev. Zakp. sel'khoz. prod. no. 12:32-33 D '67.

615.4 Practical pharmacy. Medicines. Instruments

Chemical study of Archangelica officinalis (Moench) Hoffm. cultivated in Leningrad Province. I. U. M. Zolnikov, P. E. Rozentavets. Trudy Len. khim.-farm. inst. 21:228-133 '67.

Chemistry of the Sophora l. genus. K. F. Bilnova, O. M. Arkhipova. Trudy Len. khim.-farm. inst. 21:100-108 '67.

Clinical tests of an anesthetic attachment for the administration of circulation-system anesthesia in young children. V. P. Fominykh, M. V. Petrov. Trudy VNIIMIO no. 1:68-70 '66.

Comparative characteristics of different types of apparatus for artificial pulmonary ventilation. I. U. Sh. Gal'perin. Trudy VNIIMIO no. 1:14-17 '66.

Comparative clinical data on some respirators with controlled volume and frequency. V. M. Urevich. Trudy VNIIMIO no. 1:60-67 '66.

Condition of the nerve culture depending on ligature materials in combined injury of nerve trunks. A. I. Demchuk. Vrach. delo no. 5:90-92 My '68.

Content of manganese in some medicinal plants depending on the conditions of their growth in the northwestern part of the U.S.S.R. L. D. Muzanova, G. I. Kozlova. Trudy Len. khim.-farm. inst. 21:140-148 '67.

Controlled precipitation of aerosols in the lungs by means of sound waves. S. A. Glukhov. Trudy VNIIMIO no. 1:113-123 '66.

Culture of medicinal plant tissue and prospects of its use in pharmacy. R. O. Buteko. Trudy Len. khim.-farm. inst. 21:184-191 '67.

Determination of the age and growth rate of Convolvulus majalis L. groves. N. A. Bortsova. Trudy Len. khim.-farm. inst. 21:12-23 '67.

Morphologic anatomy of the overground parts of the Scoparia tanguilla Maxim. and its distinction from related species having therapeutic significance. L. V. Selentina, N. V. Syrovozhkov. Trudy Len. khim.-farm. inst. 21:70-82 '67.

Effect of some medicinal preparations of vegetal origin on mitosis. I. Kh. Nikogosyan. Trudy Len. khim.-farm. inst. 21:228-234 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Electrophoresis in polyacrylamide gel as a new method of separating Rauwolfia L. alkaloids. Report No. 1: Separation of alkaloids of Rauwolfia serpentina Benth. A. G. Volkovskiy, V. I. Safonov, M. P. Safonova. Trudy Len. khim.-farm. inst. 21:192-197 '67.

Gastroscopy in cancer of the proximal portion of the stomach. L. K. Sokolov. Vop. onk. 14 no. 7:21-25 '68.

Genus Sophora L., the selection Pseudosophora DC. and Keyserlingia (BGE.) Yakovl. In the Near and Middle East (Turkey, Syria, Iraq, Iran, Afghanistan, and Pakistan). G. P. Iakovlev. Trudy Len. khim.-farm. inst. 21:63-67 '67.

Merila caused precipitation of aerosols in the stomach. S. A. Glukhov. Trudy VNIIMIO no. 1:123-133 '66.

Manually operated electrocardiogram general "Ilek-Iroztol". A. V. Kiselev, G. E. Demidov, V. A. Proshin. Trudy VNIIMIO no. 1:134-139 '66.

Materials for phylogenetic study of some representatives of the Gentianaceae Dumort. family growing in the northwest part of the Caucasus. Report No. 2. I. K. Muklina. Trudy Len. khim.-farm. inst. 21:158-161 '67.

Materials for the study of the chemical composition of Helleborus scaberrimus Manden. O. F. Sipinskaya, P. E. Rozentavets. Trudy Len. khim.-farm. inst. 21:167-170 '67.

Materials on the geographical distribution of some species of the Codonopsis Wall. family. N. M. Kottkova, G. P. Iakovlev. Trudy Len. khim.-farm. inst. 21:30-35 '67.

Methodology of determining the regularity of pulmonary ventilation. A. P. Piatov, A. A. Cherkasova. Trudy VNIIMIO no. 1:93-101 '66.

Morphological and anatomical diagnostic characteristics of the Chimonophila umbellata (L.) Nutt. A. A. Trubachev. Trudy Len. khim.-farm. inst. 21:63-60 '67.

New analgesic apparatus. A. S. Perelmutter and others. Trudy VNIIMIO no. 1:48-50 '66.

On the optimal distribution and a problem of complicated scanning. A. A. Bluskin. Trudy VNIIMIO no. 1:164-169 '67.

On the 30th anniversary of the All-Union Scientific Research Institute of Medical Instruments and Equipment. Trudy VNIIMIO no. 1:13-16 '66.

Panax ginseng C. A. Mey as an object to be introduced into tissue cultures. I. I. Slepian, I. V. Grushvitskii, R. G. Bilenko. Trudy Len. khim.-farm. inst. 21:108-202 '67.

Phytochemical study of Chimonophila umbellata (L.) Nutt. A. A. Trubachev. Trudy Len. khim.-farm. inst. 21:176-182 '67.

Possibility of using penetrating radiation in the selection of medicinal plants. I. U. N. Sokolov. Trudy Len. khim.-farm. inst. 21:36-41 '67.

Portable device for controlled introduction of stimulation by cold. A. I. Iakovlev. Trudy Gos. nauch. ts. sel. pakhomov. inst. 33:540-556 '64.

Prospecting for physiologically active substances in the Transbaikalian flora. K. F. Bilnova, R. E. Pimonova, M. O. Pimonov. Trudy Len. khim.-farm. inst. 21:100-110 '67.

Pulmonary graphy, a new method of local examination of the lungs. L. I. Nemerovskii. Trudy VNIIMIO no. 1:73-82 '66.

RO-3 apparatus for artificial pulmonary ventilation. R. I. Buriakov, I. U. Sh. Gal'perin, L. N. Petrova. Trudy VNIIMIO no. 1:40-47 '66.

Scientific research work of Professor A. F. Gammernan. Trudy Len. khim.-farm. inst. 21:6-9 '67.

Some new methods and devices for controlling the parameters of artificial pulmonary ventilation. M. V. Urevich. Trudy VNIIMIO no. 1:106-113 '66.

Some problems in the performance of anesthesia apparatus. A. S. Perelmutter. Trudy VNIIMIO no. 1:6-13 '66.

Some problems of the biological control of the perfusion pump. M. A. Belikovskii. Trudy VNIIMIO no. 1:140-148 '66.

Study of alkaloids of the comfrey Symphytum asperum Loeche. Report No. 2. I. V. Man'ko, B. K. Koloskii, V. I. Stokirova. Trudy Len. khim.-farm. inst. 21:137-143 '67.

Study of Lithospermum officinale L., a new medicinal plant. A. A. Turlon and others. Trudy Len. khim.-farm. inst. 21:236-241 '67.

Use of the RPI-1 artificial respiration apparatus in laboratory studies. V. P. Kolychev. Trudy Perm. gos. med. inst. no. 5:481-482 '63.

Values of anesthetic and respiratory apparatus. A. S. Perelmutter, I. A. Luekova. Trudy VNIIMIO no. 1:28-39 '66.

015, 4(471, 310)—Moscow City

Increased plodges. P. Soinidolova. Sots. obshch. 43 no. 4:44-45 Ap '68.

015, 4(476)—White Russian S.S.R.

Homolistic remedies used in White Russian folk medicine. Report No. 2. Study of the chemical composition of Lysimachia nummularis. L. V. I. Popov. Trudy Len. khim.-farm. inst. 21:221-225 '67.

015, 4(571, 56)—Yakut A.S.S.R.

Characteristics of the growth and distribution of medicinal plants in Central Yakut and Namsky Districts of Yakutia. I. A. Ivanov. Trudy Len. khim.-farm. inst. 21:24-20 '67.

015, 4(591)—Burma

Medicinal plants of Burma used in Burmese national medicine in diabetes. Report No. 2. I. U. I. Kolesnikov. Trudy Len. khim.-farm. inst. 21:217-220 '67.

015, 4(597, 7)—North Vietnam

Search for new medicinal plants of the Araliaceae family in the Democratic Republic of Vietnam. I. V. Grushvitskii. Trudy Len. khim.-farm. inst. 21:207-218 '67.

therapy in compound diaphragm service for myocardial infarct and cardiac aneurysm. *Izv. A. Egorova, Trudy Voz. med. inst.* 1977, 13, no. 5:15-21 May '68.

3. Grenz-ray therapy of skin cancer. *I. G. Rad. rad.* 13 no. 5:15-21 May '68.

4. The early use of exercise therapy in treatment of patients having recovered from infarct. *V. S. Baranov, Trudy Perm. gos. univ.* 3:251-258 '63.

5. [Exercise therapy in polyarthritides]. *Trudy Leningradsk. gos. univ.* 1966, 231 p.

6. Adrenal glands at late periods following fractional irradiation. *I. A. Prudkina, Trudy Leningradsk. gos. univ.* 1968, 174 p.

7. Distance therapy in cancer of the skin. The use of the fraction block. *K. E. Rad. rad.* 13 no. 3:12-15 May '68.

8. [From the practical experience of a auxiliary methods of collapse therapy in tuberculosis; results of the therapeutic action of arches in some diseases] *12 praktichesko-vrach. Vopromogol'nye priemy kollapsoterapii. Vopromogol'nye priemy kollapsoterapii. Vopromogol'nye priemy kollapsoterapii. Vopromogol'nye priemy kollapsoterapii.* 1967, 231 p.

9. [Heat technology in chamber disinfection]. *Trudy Leningradsk. gos. univ.* 1967, 75 p. [Biblioteka srednego i vuzovsk. med. i biol. nauk].

10. [Radiation doses in diagnostic and therapeutic applications]. *I. A. Chelikin, N. N. Khramov, Med. rad.* 13 no. 5:26-30 May '68.

11. [Effect of isotope radiation on gastrointestinal tract]. *L. S. Grebnev, V. R. Palkovskiy, Otkryt. rad.* 13 no. 5:26-30 May '68.

12. [Determining the standard exposure in ray therapy]. *L. N. Kuzkova, S. I. Iml'noy, Med. rad.* 13 no. 3:82-84 May '68.

13. [Changes in breast cancer following irradiation]. *A. P. Kozlov, I. G. Aleshina, Med. rad.* 13 no. 3:77-79 May '68.

14. [Changes in osteogenic sarcoma of long bones following treatment by brachytherapy]. *L. I. Kuzkova, T. K. Ouykova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

15. [Electroencephalography in the evaluation of changes in radionuclide in cancer of the esophagus]. *A. M. Ivanova, Med. rad.* 13 no. 3:7-9 May '68.

16. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

17. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

18. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

19. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

20. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

21. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

22. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

23. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

24. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

25. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

26. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

27. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

28. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

29. [Effect of skin reaction and its dynamics in irradiation of the parietal part of the nervous system]. *V. I. Kuzkova, V. I. Kuzkova, Vichnik. Zh. Vozr. med. rad.* 13 no. 3:3-6 May '68.

Electrochromatography method for evaluating biological activity of toxic products. *V. I. Chernyshev, M. M. Telichenko, I. P. Kostov, Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 7:57-60 '68.

Morphological changes in internal organs in acute and chronic poisoning with aliphatic ethylurea and styrene. *V. V. Vaselova, G. A. Ogleznov, Nauch. trudy OMI* no. 4:68-75 '65.

Problems of space toxicology. *V. V. Kiselev, L. A. Tikhov, Izv. AN SSSR, Ser. biol.* no. 4:605-609 Jan '68.

Substantiation of a single maximal permissible concentration of divalent in the air. *G. Kh. Ripp, Nauch. trudy OMI* no. 6:134-140 '65.

618 Disease. Pathology and medicine

A. A. Solov'ev, an obituary. *Biul. eksp. biol. i med.* 63 no. 4:125 Apr '68.

Arab medical manuscript deposited in the Institute of the Peoples of Asia. *A. F. Gammorov, Abdul Razzak Ali Davud, Trudy Len. khim.-farm. inst.* 11:204-205 '67.

Dul, P. I. [Diagnosis in the clinical practice of internal diseases. (Experience in psychotherapeutic hypnosis and suggestion in clinical practice)] *Gipnoz v klinike vnutrennikh boleznei. (Opyt psikhoterapii i gipnoza v vnutrennikh boleznei). Izd. 2-o, dop. i pererabot. Leningrad, "Meditsina," 1968, 238 p. (B-kh. prakt. vrach.)*

Effect of non-specific therapy on experimental allergic reactions: a critical analysis. *T. Krickajls, Trudy AN Lit. SSR, Ser. V* no. 3:110-112 '67.

Ivanov, F. K. [Serum sickness and complications in antibiotic treatment] *Syrovotchnaya bolezn' i poslednyye oslozheniya pri lechenii antibiotikami. Moskva, "Meditsina," 1967, 179 p. (Biblioteka prakticheskogo vracha, BNLM)*

Levkov, N. A. [Role of organic antibodies in the localization of a pathological process] *Rol' organicheskikh i lokalizatsii patologicheskogo protsessa. Kiev, "Zdorov'ia," 1967, 162 p.*

Materials for the treatment of lesions of the chest. *V. P. Rusanov, Trudy Semipal. med. inst.* 4:202-204 '66.

Relationship between blood lymphocytes in rheumatoid arthritis patients and homologous lymphocytes in vitro. *R. I. S. Kozlov, A. I. Genn, A. N. Mosolov, Izv. SO AN SSSR* no. 10 Ser. biol. med. nauk, no. 2:113-112 Apr '67.

Some aspects of applying air ionization for diagnostic purposes. *L. M. Voronov, Trudy Len. ob-va est.* 75 no. 1:26-30 '63.

Some data on remote results of disease caused by heliotropism. *K. A. Khasanova, I. A. Boshchajlov, S. P. Zakharov, Izv. Obshch. biol. nauk, 11:7-10 May '68.*

Use of electronic computer technology for differential diagnosis in internal pathology. *V. A. Orlovskiy, Trudy VNIMIO* no. 1:160-164 '66.

Use of information theory and linear programming for the determination of the optimal composition of symptoms. *V. A. Orlovskiy, Trudy VNIMIO* no. 1:149-153 '65.

616.00 Morbid processes. Lesions

Activity of acid phosphatase and the phagocytic capacity of the cells of the reticuloendothelial system in mice with experimental tumors. *G. N. Ivanova, Biul. eksp. biol. i med.* 36 no. 4:55-57 Apr '68.

Angiomas composed of capillary hemangioma (hemangioma). *K. K. Poroshin, G. A. Gull-Ogly, Vop. onk.* 14 no. 4:33-42 '63.

Antiblastomogenic effect of magnesium. *K. A. Dzhalilov, A. A. Akimov, Vop. onk.* 14 no. 7:51-61 '69.

Blood groups in patients with malignant tumors. *L. G. Morfing, M. P. Akovleva, A. Kh. Anisimova, Vop. onk.* 14 no. 7:28-32 '68.

Bonch-Bruyevich, E. V. [First aid in burns] *Pervaya pomoshch' pri ozhogakh. Moskva, "Meditsina," 1968, 31 p. (Nauch.-popul. med. literatura)*

Carotid insufficiency caused by tumorous processes. *Kh. Khairulov and others, Vop. neirokhir.* 31 no. 1:35-38 Jan-F '67.

Central Scientific Research Roentgenoradiological Institute of the Ministry of Public Health of the U. S. S. R. in the development of Soviet oncology. *K. B. Tikhonov, A. I. Strashin, A. A. Gabelov, Vop. onk.* 14 no. 7:15-20 '68.

Changes in cell sensitivity to hydrocortisone in the process of carcinogenesis. *O. S. Frankfort, Dokl. AN SSSR* 180 no. 2:505-507 May '68.

Clinical aspects and treatment of liposarcomas of the lower extremities. *N. P. Stashchova, Vop. onk.* 14 no. 7:62-64 '68.

Combination of Moller-Koser-Rosenblatt syndrome with erythromyalgia accompanied by myomatosis. *B. G. Solonov, I. A. Ioffe, L. L. Gueva, Zh. zh. nev. i psikh.* 65 no. 2:188-195 '68.

Comparative quantitative study of the antileukemic activity of hexaphosphamide, some antileukemic preparations, and X-rays. *E. I. Kromchenovskii, Biul. eksp. biol. i med.* 65 no. 4:90-93 Apr '68.

Content of acid-soluble sulfhydryl groups and vitamin C in the organs of rats with hyperthyroidism. *L. V. Krutkova, Vop. onk.* 14 no. 1:34-37 Jan-F '68.

Cytological and pathomorphological characteristics of changes originating in spontaneous leukemia in mice of AKR line as affected by deoxyribonuclease. *G. M. Ronichovskaya and others, Izv. SO AN SSSR* no. 10 Ser. biol. med. nauk, no. 2:153-158 Apr '67.

Cytotoxic effect of spleen cells in nonirradiated and irradiated rabbits. *N. N. Klemarskaya, V. V. Shikhovtsov, Biul. eksp. biol. i med.* 65 no. 4:43-51 Apr '68.

Detection of agglutinating antibodies in the blood sera of horses following the resorption of a tumor. *R. M. Radzikhavskaya, Vop. onk.* 14 no. 7:40-46 '68.

Detection of tumor cells in the peripheral blood. *S. B. Ivanova, T. A. Milenko, Vop. onk.* 14 no. 4:52-57 '68.

Diagnosis of gliomas of frontal lobe localization and their differentiation from arachnoidomas of the olfactory fossa. *E. A. Punalat, Vop. neirokhir.* 31 no. 1:46-50 Jan-F '67.

Distribution of benzidine in the organs of rats and its effect on the peripheral blood. *E. A. Solov'skaya, Vop. onk.* 14 no. 7:51-53 '68.

Effect of a single and fractional irradiation on the formation of protumors and early tumor processes in the ovaries of mice. *A. V. G. Larina, Biul. eksp. biol. i med.* 65 no. 4:53-54 Apr '68.

Effect of autotransplantation of bone marrow on the life span of mice having an experimental radiation sickness. *S. K. Alkhasanov, R. F. Galikova, Vop. onk.* 14 no. 4:73-72 '68.

Effect of high concentrations of 6,10-dimethyl-1,2-L-cyananthracene in the tissues of lizards. *L. V. Kolshova, Trudy Semipal. med. inst.* 4:482-491 '65.

Effect of insulin, progesterone and dexamethasone on the growth of ascitic Ehrlich's cancer cells. *M. A. Babak, V. D. Buday, V. I. Vodyachenko, Ukr. biokhim. zhur.* 40 no. 2:177-182 '68.

Effect of aerosols on the respiration and glycolysis of tumoral tissue. *E. A. Rudzits, L. F. Mal'tseva, I. D. Brazhnikova, Vop. onk.* 14 no. 7:48-50 '68.

Effect of thyroid hormone on tumor cells in tissue culture. *A. I. Spina, V. I. Arkhipenko, Vop. onk.* 14 no. 4:55-60 '65.

Electron microscopic study of ribosomal complexes in ultrathin sections of the rat thyroid gland tumor. *N. P. Dmitrieva, TSitologiya* 10 no. 5:548-552 May '68.

Electrophoretic study of liver proteins and blood serum in radiation sickness. *A. M. Makhlina, Trudy Len. ob-va est.* 73 no. 1:102-105 '63.

Evaluating the reliability of results in radiological diagnosis of tumors. *G. K. Gurelov, K. A. Trukhanov, Med. rad.* 13 no. 5:58-62 May '68.

Evolution of cell populations in rat rhabdomyosarcomas. Report No. 1. Cell elements. *I. N. Shvamberger, IU. B. Vukhlin, TSitologiya* 10 no. 5:604-610 May '68.

Evolution of cell populations in rat rhabdomyosarcomas. Report No. 2. Variability during transplantation. *IU. B. Vukhlin, I. N. Shvamberger, TSitologiya* 10 no. 5:617-635 May '68.

Experimental use of convalescent blood in acute radiation sickness. *A. A. Chervylo, Med. rad.* 13 no. 5:21-24 May '68.

Goldberg, B. D. [Materials on the biological role of the reticular cells in acute radiation sickness] *Materialy o biologicheskoy rol' retikuljarnykh kletok kostnogo mozga pri ostroy luchevoj bolezni. Tomsk, Izd. Tom'skogo un-ta, 1967, 93 p. 52 illus. (DNLM)*

Hematopoiesis in mice with different forms of leukemia. Report No. 2. Morphological changes in the peripheral blood and marrow of mice with erythroid form of leukemia in vivo. *V. Kalina, Trudy AN Lit. SSR, Ser. V* no. 3:111-124 '67.

Hematopoiesis in mice with different forms of leukemia. Report No. 3. Morphological changes in the peripheral blood and marrow of mice with hemoblastic form of spontaneous leukemia in vivo. *V. Kalina, Trudy AN Lit. SSR, Ser. V* no. 3:125-127 '67.

Histochemical characteristics of glioblastomas. *K. V. Savich, Vop. neirokhir.* 31 no. 1:8-11 Jan-F '67.

International scientific relations of Soviet oncologists. *A. V. Chukin, E. P. Nikiplov, B. L. Kozlovskiy, Vop. onk.* 14 no. 4:120-121 '68.

Intra-osteal adhesion and tumor growth. *I. A. Troitskii, Biul. eksp. biol. i med.* 55 no. 4:103-107 Apr '68.

Kinetics of the development of solid tumors sarcoma 37 and sarcoma 180 in mice. *E. A. Minkova and others, Izv. AN SSSR, Ser. biol.* no. 4:475-484 Jan-F '68.

Labeling of cells of rat lymphosarcoma with vital stains. *M. G. Iogannsen, Vop. onk.* 14 no. 4:102-105 '68.

Late clinical metastases of breast cancer. *I. A. Iefimovich, Vop. onk.* 14 no. 4:87-91 '68.

Local and resorptive effect of 7,12-dimethylbenz- α -anthracene on mice of CC57BR line. *F. K. Delilov, D. A. Asadov, Vop. onk.* 14 no. 7:53-57 '68.

Multipole metastases of primary cancer of the liver to subcutaneous tissue and internal organs. *B. A. Zelnitskii, Vrach. delo* no. 5:33-35 May '68.

Nature of apolipoprotein antigens. *V. S. Korosteleva, Vop. onk.* 14 no. 7:35-40 '68.

Neoplasms caused by the use of taroast. *S. M. Asterman, Vop. onk.* 14 no. 4:107-112 '68.

On the 60th anniversary of the Kiev Society for Control of Malignant Neoplasms. *B. S. Ruzickovskii, L. N. Guel'tser, Vrach. delo* no. 6:124-125 May '68.

One of the possible mechanisms of increasing ACTH content in the blood in traumatic shock. *G. S. Mazurkevich, Probl. endok.* 14 no. 3:73-78 May-June '68.

Pathomorphological changes in laboratory animals following multiple subcutaneous introduction of atropine sulfate and strychnine nitrate. *K. O. Orlovskiy, L. S. Grebneva, Trudy Semipal. med. inst.* 4:140-155 '68.

Possibility of accumulation in the tissues in rabbits and pigs of carcinogenic hydrocarbons introduced with the mother. *N. D. Gurelova, A. I. Cherepanova, Vop. onk.* 14 no. 4:83-86 '68.

Rare complication in burns. *S. K. Kidyallav, Trudy Semipal. med. inst.* 4:221-223 '68.

Reanimation in surgical practice. *V. P. Rusanov, Trudy Semipal. med. inst.* 4:188-201 '68.

8(477)—Ukrainian S. S. R.

patients with various manifestations of the electrolyte state at the Morzin Health Resort. *Uda. Vrach. delo* no. 6:6-12 May '68.

8(674)—Kazakh S. S. R.

the evaluation of the effect of hyperthermia in the treatment of patients with psoriasis. *Dar'lyk-Arasan Health Resort in patients with psoriasis. S. I. A. Sargoev, Trudy med. inst.* 4:459-464 '66.

9. Polona

bleeding cases with fruit of *Frangula alnus*. *Smirnova, A. K. Urakova, Itsk. res.* 4 no. 10 '68.

- Changes in the volume of the circulating blood following some influences on the kidneys. E. D. Chernikova. *Kardiologiya* 8 no. 3:83-87 Mr '68.
- Characteristics of erythrocyte sedimentation reaction and protein fractions of the blood in Addison-Birmer disease. I. V. Biriukova. *Trudy Vor. med. inst.* 49:117-119 '67.
- Characteristics of oxymetry in hemodialysis. M. A. Khadava and others. *Kardiologiya* 8 no. 5:136-140 My '68.
- Characteristics of the anatomical and functional compensation of aortic stenosis in the typical place; collateral and adaptation of the myocardium to prolonged hypertension. E. N. Meshalkin and others. *Kardiologiya* 8 no. 5:65-73 My '68.
- Characteristics of the electrocardiogram in disorders of cardiac blood supply depending on the position of the animal body. S. A. Kaplan, T. G. Kopteva. *Trudy Perm. gos. med. inst.* no. 5:66-75 '68.
- Characteristics of vascular reactivity in neuroses based on psychodynamic data. P. O. Kullik. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:203-214 '64.
- Chebokarev, D. P., and V. V. Frolova. [Cardiovascular system in aging]. *Serdtshe-krasnodatel'naya sistema pri starosti*. (Leningrad) "Meditsina," 1967. 254 p. (DNLM).
- Chronic sepsis in patients with congenital cardiac defects. G. G. Kartashova. *Trudy Vor. med. inst.* 40:3-4 '62.
- Circulatory incomplete antibodies to the heart and blood in coronary insufficiency. G. I. Zhuravlev, Udo Schmidt. *Kardiologiya* 8 no. 5:25-29 My '68.
- Clinical and experimental study of the new coagulant fibrinogen. P. E. Lukomskiy and others. *Kardiologiya* 8 no. 3:84-88 Mr '68.
- Clinical and psychopathological characteristics of the psychic automatism syndrome in transient hypertensive psychosis. M. G. Gulimov. *Trudy Tadzh. med. inst.* 11:45-76 '67.
- Clinical aspects and dynamics of jaundice during in actively originating atherosclerotic psychosis. L. A. Bakimov. *Trudy Tadzh. med. inst.* 11:51-122 '67.
- Clinical evaluation of electrocardiographic signs of coronary insufficiency in pheochromocytoma. L. S. Sayina, K. N. Kazeev. *Probl. endok.* 14 no. 3:27-33 My '68.
- Clinicoanatomical data in thrombosis of the hepatic artery. A. M. Tizlikorob. *Vrchn. dolo* no. 6:61-63 My '68.
- Cobal balance in atherosclerosis. I. D. Reber-Bandzhura. *Kardiologiya* 8 no. 3:147-148 Mr '68.
- Combination of lesions of the tricuspid valve and atherosclerosis of the pulmonary artery in rheumatic heart disease. A. V. Nikitin. *Trudy Vor. med. inst.* 40:13-13 '62.
- Combined effect of chloretal amine and hydrocortisone on coronary blood flow and myocardial oxygen metabolism. I. A. Pevener. *Kardiologiya* 8 no. 5:40-44 My '68.
- Comparative evaluation of the amplitude of the third tone in mitral defects and myocarditis. M. A. Rubina. *Trudy Vor. med. inst.* 50:32-35 '67.
- Comparative study of micropolyaccharides and indices of the excretory and anticoagulative system of the blood in coronary atherosclerosis. V. M. Bork, L. P. Niklasova. *Kardiologiya* 8 no. 5:14-20 My '68.
- Comparison of electrocardiographic and anatomical data in a group of congenital cardiac defects of the "valve type." I. A. Borkova and others. *Kardiologiya* 8 no. 5:74-81 My '68.
- Compensatory mechanisms of hemodynamics and the contractile capacity of the myocardium in Addison's disease. A. E. Sokol. *Probl. endok.* 14 no. 3:20-24 My '68.
- Computer attachment for complex cardiographic examination on a single-channel electrocardiograph. V. V. Rozovskiy and others. *Trudy Perm. gos. med. inst.* no. 5:453-462 '63.
- Condition of the coagulation and fibrinolytic systems of the blood in chronic diffuse glomerulonephritis. G. A. Reitskaya, L. A. Pyrig. *Vrchn. dolo* no. 8:67-70 My '68.
- Contractile activity of the blood in coronary disease. T. T. Glikel'man, V. I. Lushchik. *Vrchn. dolo* no. 5:146-148 My '68.
- Content of growth hormone in the blood serum in patients with cerebral tumors. I. N. Vinogradov, T. S. Pronina. *Vop. neirokhir.* 31 no. 1:12-14 Ja '67.
- Content of some mineral substances in food rations in cardiovascular diseases. A. P. Mukhin, T. A. Ratskaya. *Trudy Perm. gos. med. inst.* no. 6:51-59 '67.
- Content of some trace elements in acute disorders of cerebral blood circulation. N. M. Stepanova, V. M. Zaporozhskiy. *Trudy Vor. med. inst.* 56:101-103 '67.
- Content of some trace elements in the blood of dogs with experimental myocardial ischemia. V. V. Ribaeva. *Trudy Vor. med. inst.* 58:90-93 '67.
- Content of some trace elements in the blood of patients with rheumatism and insufficiency of blood circulation. G. I. Aksekov. *Trudy Vor. med. inst.* 58:107-111 '67.
- Content of some trace elements in the urine of patients with atherosclerosis and their influence on the excretion complex Ca-Na. T. B. D. E. M. Khrutina. V. M. Zaporozhskiy. *Trudy Vor. med. inst.* 58:98-100 '67.
- Content of sulfhydryl groups in the blood of patients with tumors of the gastrointestinal tract during combined treatment with Au¹⁹⁸. A. V. Pavlushchik, Z. G. Pinchuk. *Med. rad.* 13 no. 3:21-27 Mr '68.
- Content of trace elements in human organs in atherosclerosis. S. A. Plotko. *Trudy Vor. med. inst.* 58:93-95 '67.
- Content of trace elements in the blood of patients with nonspecific ulcerous colitis. I. P. Galushkin, V. O. Chailov. *Trudy Vor. med. inst.* 58:112-115 '67.
- Contractile capacity of the myocardium in hypertension and the effectiveness of physical exercise. L. B. Tonkin. *Trudy Perm. gos. med. inst.* no. 5:245-250 '63.
- Contractile function of the myocardium in experimental myocardial infarct. G. I. Markovskaya. *Biol. eksp. biol. med.* 55 no. 4:31-35 Ap '68.
- Contractile function of the myocardium in ventricular hypertrophy in rheumatic heart disease. V. P. Pomerantsev. *Vrchn. dolo* no. 6:73-77 My '68.
- Cross circulation and experimental myocardial infarct. S. P. Oleka. *Kardiologiya* 8 no. 5:141-142 My '68.
- Degree of the contraction and distention of the ventricles in cardiac fibrillation and extrasystole based on electrocardiographic data. E. V. Turina, S. A. Abshakov. T. A. Popova. *Kardiologiya* 8 no. 3:121-124 Mr '68.
- Detection of agglutinating antibodies in the blood sera of dogs following the resorption of a tumor. R. M. Radzikovskaya. *Vop. onk.* 14 no. 7:40-40 '68.
- Detection of tumor cells in the peripheral blood. S. B. Ivanova, T. A. Miteck. *Vop. onk.* 14 no. 4:52-57 '68.
- Determination of aldosterone in paroxysmal myoplegia. N. A. Ilina, M. Kh. Volnova, O. L. Streiberg. *Zhurn. nevrol. psikh.* 68 no. 2:103-108 '68.
- Determination of the dimensions of the heart and its left volume by means of electrocardiography. V. N. Orlov, V. P. Kuznetsova. *Kardiologiya* 8 no. 6:127-138 My '68.
- Differential curves of the carotid and jugular pulse in healthy persons and in some cardiac defects. L. A. Kevileer. *Kardiologiya* 8 no. 5:81-88 My '68.
- Differential diagnosis of defects of the interatrial septum based on electrocardiographic and phonocardiographic data. E. P. Sokolova, S. S. Sokolov. *Kardiologiya* 8 no. 3:23-28 Mr '68.
- Differential diagnosis of diseases of the meningeal vessels. M. S. Korotkovich. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:451-460 '64.
- Disorders of cardiac activity in astringent yolla. B. S. Kogan. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:427-432 '64.
- Dynamics of lipid and lipoprotein indices of the blood serum in diabetes mellitus during treatment with chlorpropamide and butamide. P. A. Shil'nitskiy. *Probl. endok.* 14 no. 3:8-13 My '68.
- Dynamics of the fibrinolytic activity of the blood during the reproduction of experimental atherosclerosis in rabbits. L. V. Stankina. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:513-522 '64.
- Dynamics of the trace element level in the blood in infectious hepatitis. V. C. Glushakov. *Trudy Vor. med. inst.* 58:116-119 '67.
- Effect of acupuncture on the dynamics of motor disorders in vascular diseases of the brain. A. B. Mikhailova. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:425-436 '64.
- Effect of amine on blood pressure and arterial oscillometric indices in neurasthenia. F. I. Zuevov. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:227-263 '64.
- Effect of Cx-reactive protein on the immunological reactivity in young rabbits of different ages. I. I. Krizimova. *Biol. eksp. biol. med.* 65 no. 4:71-73 Ap '68.
- Effect of convulsive seizures on the cortical regulation of unconditioned vascular reflexes. R. A. Vedenkova. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:367-404 '64.
- Effect of exercise therapy on the contractile function of the myocardium in cardiac ischemia: clinical and radiocardiographic study. V. A. Ieronov. *Kardiologiya* 8 no. 5:10-17 My '68.
- Effect of habitual dislocation of the shoulder on the blood supply of the arm. N. G. Krol', D. S. Rozenshtein. *Trudy Perm. gos. med. inst.* no. 5:277-279 '63.
- Effect of industrial gastric juices on the state of the peripheral blood. R. Kh. Abdumomotov. *Trudy Sotpal. med. inst.* 4:403-409 '68.
- Effect of intrathoracic pressure on the inflow of venous blood to the heart in obstructive pulmonary emphysema. V. V. Kiselevskiy. *Kardiologiya* 8 no. 5:93-99 My '68.
- Effect of isoproterenol on experimental myocardial infarct. N. K. Popova and others. *Biol. eksp. biol. med.* 65 no. 4:66-67 Ap '68.
- Effect of meteorological factors of the indices of the electrocardiogram in hypertension. V. A. Sobolev. *Trudy Sotpal. med. inst.* 4:363-370 '66.
- Effect of meteorological factors on arterial pressure and reflex excitability of the vegetative nervous system in hypertension. V. A. Sobolev. *Trudy Sotpal. med. inst.* 4:367-368 '66.
- Effect of polydynamism on hemopoiesis in white rats with experimental anemia. I. V. Biriukova. *Trudy Vor. med. inst.* 58:104-109 '67.
- Effect of muscular activity and hypokinesia on the cardiovascular system. A. F. Polianichko. *Trudy Perm. gos. med. inst.* no. 6:221-230 '63.
- Effect of prolonged stimulation of stomach receptors on glycolytic reaction of the organism. A. I. Karaev, I. I. Kodymova. *Izv. AN Azerb. SSR, Ser. biol. med.* no. 3:44:161-167 '67.
- Effect of surgical treatment of toxic goiter on the clostocarcinoma level. M. P. Cherenka. *Vrchn. dolo* no. 5:81-83 My '68.
- Effect of the limbic system on the development of adrenergic and orthostatic lesions of the heart. L. R. Pokk. *Kardiologiya* 8 no. 3:114-120 Mr '68.
- Effect of vitamin B₁₂ on the content of cholesterol, lipoproteins and protein fractions of the blood serum in atherosclerosis. G. M. Chernova, I. A. Pishchagina, L. S. Grebneva. *Trudy Sotpal. med. inst.* 4:353-387 '68.
- Effect of work conditions on the rate of hypotensive states in workers of heat treatment plants. I. A. Routsik. *Russk. trudy OIM* no. 81:208-211 '65.
- Electric stimulation of the heart as a method of normalizing the cardiomyogram in tachycardia. E. B. Babekhi and others. *Kardiologiya* 8 no. 3:104-111 Mr '68.
- Electrocardiographic symptoms of overstrain of the left ventricle in mitral defects with prevalence of stenosis. E. I. Kolchina, L. V. Danovskiy, V. N. Troinikovskaya. *Kardiologiya* 8 no. 5:143 My '68.
- Electroimpulse therapy in auricular fibrillation in diffuse toxic goiter. V. G. Spevtseva, A. L. Syrkina. *Kardiologiya* 8 no. 3:108-111 My '68.
- Endarteritis obliterans: etiology, clinical aspects, treatment. M. D. Arslanov. *Trudy Sotpal. med. inst.* 4:291-298 '66.
- Epidemiology of atherosclerosis. N. T. Shutova. *Kardiologiya* 8 no. 3:79-84 Mr '68.
- Eufflin test for the evaluation of the pulmonary barrier in mitral stenosis: based on cardiac catheterization data. V. G. Stranin. *Kardiologiya* 8 no. 3:49-54 Mr '68.
- Evaluation of the electric activity of the myocardium in patients with "cor pulmonale" and atherosclerosis based on vectorcardiographic data. Preliminary report. V. F. Khorochev, N. I. Storkhina. *Trudy Vor. med. inst.* 58:17-20 '67.
- Examination of hemodynamics by means of the radio-cardiographic method in patients with mitral stenosis and mitral insufficiency. V. V. Solov'ov, T. I. Zharov, R. O. Arshankin. *Kardiologiya* 8 no. 3:131-133 Mr '68.
- Examination of the functional state of the cardio-pulmonary system in mitral stenosis. I. A. S. Vainbaum. *Kardiologiya* 8 no. 3:28-33 Mr '68.
- Exercise therapy in compound diaphanous service for patients with myocardial infarct and cardiac aneurysm. A. M. Kochelov, I. A. Egorova. *Trudy Vor. med. inst.* 58:32-54 '67.
- Experience in compound diaphanous service for patients with rheumatism under the conditions of hospital-polyclinical consolidation of a clinical hospital. G. L. Georgievskaya, M. T. Sviatcheva, E. P. Meshkova. *Trudy Vor. med. inst.* 49:135-140 '62.
- Experience in spritz treatment of atherosclerosis. A. G. Kilmenko, V. P. Tsyballuk. *Vrchn. dolo* no. 5:70-73 My '68.
- Experience in the early use of exercise therapy in hospital treatment of patients having recovered from myocardial infarct. V. S. Baranov. *Trudy Perm. gos. med. inst.* no. 5:261-268 '63.
- Experience in the use of a polarizing mixture in the most acute period of myocardial infarct by a specialized first aid team. I. B. Zilberman and others. *Kardiologiya* 8 no. 6:36-40 My '68.
- Experimentally substantiated treatment of atherosclerosis with group "B" vitamins. A. D. Strelna. *Trudy Vor. med. inst.* 49:133-134 '62.
- Formation of thrombi in patients with cardiac defects and the prevention of thromboses by means of nicotinic acid. Z. A. Tristavi. *Kardiologiya* 8 no. 3:54-58 Mr '68.
- Functional morphology of early ischemic changes in the heart. V. Kh. Anisimov, A. N. Danamir. *Kardiologiya* 8 no. 5:11-14 My '68.
- Functional state of the adrenal glands in atherosclerosis. M. N. Solov', S. P. Kochelov. *Kardiologiya* 8 no. 6:45-49 My '68.
- Functional state of the autonomic system in some forms of experimental disorders of fat metabolism. B. A. Kudryashov and others. *Biol. eksp. biol. med.* 65 no. 4:262-31 Ap '68.
- Functional state of the myocardium of the left ventricle in patients with hypertension, based on electrocardiographic data. O. V. Aleksandrov. *Kardiologiya* 8 no. 3:67-72 Mr '68.
- Functional state of the thyroid gland in rheumatoid arthritis. L. S. Lomakin, L. N. Solov'ova. *Trudy Vor. med. inst.* 49:150-152 '62.
- Gas exchange in acquired cardiac defects. R. A. Boliakov. *Trudy Vor. med. inst.* 49:60-72 '62.
- Hematological disorders in chronic radiation effect. V. V. Sokolov, A. R. Gusekova. *Mol. rad.* 13 no. 6:24-28 My '68.
- Hepatic angiography as a method of early detection of decompensation in the greater circulation. I. I. Zingor. *Kardiologiya* 8 no. 3:120-132 Mr '68.
- Hypoglycemic states initiating tumors and vascular diseases of the brain. L. P. Razumovskaya, M. Kulalo, I. I. Kanlika. *Vop. neirokhir.* 31 no. 1:39-42 Ja '67.
- Indices of the blood coagulation system in patients with various therapeutic diseases. V. B. Pukl. *Trudy Vor. med. inst.* 49:174-176 '62.
- Intensity of erythropoiesis in cardiac insufficiency in patients with rheumatic defects of the heart: use of Cr⁵¹ in the examination. V. S. Kosolova. *Kardiologiya* 8 no. 3:44-48 Mr '68.
- Interrelation of major chronaxy with arterial pressure in hypertension. I. B. Tonkin. *Trudy Perm. gos. med. inst.* no. 6:241-244 '63.
- Intrathoracic introduction of vitamin B₁₂ in Addison-Birmer disease. I. V. Biriukova. *Trudy Vor. med. inst.* 49:144-149 '62.
- Lesions of the lungs in rheumatism. G. A. Pahn, V. V. Bagirova. *Vrchn. dolo* no. 6:38-39 My '68.
- Malignant tumor of the adrenal cortex in a male patient with increased endogenic and glycoecorticoid activity. S. A. Butova, N. D. Sol'verova, V. B. Zaitseva. *Probl. endok.* 14 no. 3:48-49 My '68.
- Mathematical processing of diastolic diagram (DKD-1) under normal conditions and in some diseases of the cardiovascular system: preliminary report. I. U. M. Bala, I. U. P. Puhov, I. G. Anisimova. *Trudy Vor. med. inst.* 58:83-88 '67.
- Morphological and histochemical changes in experimental orythrystostosis in dogs. R. A. Mukhammedshin, M. A. Smolodov, V. P. Zelenitskiy. *Vop. onk.* 14 no. 7:108-107 '68.
- Morphological foundations of angiography in pathological changes of adrenal glands. M. G. Rudenko. *Probl. endok.* 14 no. 3:64-69 My '68.
- Molecular correlations in Kozhevnikov's hypokindole epilepsy syndrome: clinical and physiological observation. T. F. Renko, A. S. Kovalev. *Trudy Perm. gos. med. inst.* no. 6:301-307 '63.
- Multiple lesion of the skeleton by vascular tumor. R. A. Liovalina. *Trudy Gos. nauch.-issl. pekhonov. inst.* 33:483-482 '64.

- Chelieva. Vop. pit. 27 no. 10-15. Ja-F '68.
- Amino acids of the blood serum and urine in epidemic typhus. V. N. Nougkha. Trudy Vor. med. inst. 50:131-134 '67.
- Antimicrobial properties of various gastric juices. R. Kh. Abdusamirov, A. I. Vashchenkova. Trudy Semipal. med. inst. 4:389-402 '68.
- Cancer of the vermiform process associated with appendicitis: a single case. V. I. Lavontov. Vop. onk. 14 no. 7:83-84 '68.
- Chlorophyll and "carcinogenic" intestinal coliforms. S. F. Oletskii, M. V. Panchishina. Vrach. delo no. 5:13-17. Ja '68.
- Changes in leukocytes and their possible causes in chronic colitis. N. G. Novotov. Trudy Semipal. med. inst. 4:421-428 '66.
- Characteristics of endogenous amino acid metabolism in chronic protein insufficiency. N. F. Usacheva, G. N. Mironov, A. A. Pervashkin. Biol. i eksp. med. 65 no. 4:54-57. Ap '68.
- Chemotherapy in pulmonary tuberculosis with accompanying gastric and duodenal ulcer. M. P. Vorob'ev. Vrach. delo no. 5:143-145 My '68.
- Clinical aspects of pancreaticitis following cholecystectomy. K. L. Silchenko, U. I. Aruev. Vrach. delo no. 5:131-133 My '68.
- Clinical characteristics of dysentery in young children. R. Z. Volozha, M. I. Shupiro. Trudy Semipal. med. inst. 4:435-449 '66.
- Clinical effectiveness of the sugar-reducing preparation oradin in diabetes mellitus. L. M. Shifanov, K. P. Stetsenko. Probl. endok. 14 no. 3:7-9 My-Ju '68.
- Combined method of repeated duodenal catheterizations. V. I. Pankovskii. Vrach. delo no. 4:133 My '68.
- Conference dedicated to the use of pyrimidine and purine derivatives in gastroenterology. G. I. Bilich. Vrach. delo no. 5:155-156 My '68.
- Content of acid-soluble sulfhydryl groups and vitamin C in the organs of rats with hypervitaminosis A. L. V. Krutkova. Vop. pit. 27 no. 1:34-37. Ja-F '68.
- Content of sulfhydryl groups in the blood of patients with tumors of the gastrointestinal tract during combined treatment with Au¹⁹⁸. A. V. Avtandukhlik, Z. G. Puzanov. Med. rad. 13 no. 3:21-27. Mr '68.
- Content of trace elements in the blood of patients with cancer of the stomach. I. P. Galushkin, V. G. Chasnov. Trudy Vor. med. inst. 50:112-115 '67.
- Diagnosis and treatment of benign tumors and cysts of the esophagus. V. V. Uralov, N. I. Likhina. Vop. onk. 14 no. 4:21-24 '68.
- Diagnosis of fatty degeneration of the liver in mice. V. A. Berestov, A. P. Iudinikov. Uch. zap. Penzensk. gos. univ. 14 no. 3:60-64 '68.
- Clinical diagnosis of acute pancreatitis and acute appendicitis. G. N. Khorev. Trudy Sar. gos. med. inst. 4:103-112 '64.
- Differential diagnosis of ovarian cysts and aecilia. P. M. Ivasniuk, V. I. Mokanov, L. N. Leviton. Vrach. delo no. 5:147-148 My '68.
- Dynamics of lipid and lipoprotein indices of the blood serum in diabetes mellitus during treatment with chlorpropamide and bilaminol. P. A. Sil'nikhik. Probl. endok. 14 no. 3:8-13 My-Je '68.
- Dynamics of the glycemic picture during the combined treatment of diabetes mellitus with insulin and sulfanilamides. N. M. Murdakovskaya. Probl. endok. 14 no. 3:14-18 My-Je '68.
- Dynamics of the trace element level in the blood in infectious hepatitis. V. O. Chaltsev. Trudy Vor. med. inst. 50:110-110 '67.
- Early detection of and dispensary service for diabetes in industrial enterprises. R. I. Priklad'ko. Vrach. delo no. 5:30-33 My '68.
- Effect of ganglionic blocking agents on histamine content and histamine toxic ability of different stomach fluids in experimental ulcers. S. A. Mirzolian, R. A. Nazarov. Dokl. AN Arm. SSR 45 no. 5:229-234 '67.
- Effect of therapeutic gymnastics on the evacuation function of the stomach in some diseases of the gastrointestinal tract. G. M. Propastin, V. I. Pollov. Trudy Perm. gos. med. inst. no. 5:308-376 '63.
- Effect of vitamin A deficiency on manganese content and accumulation in organs and tissues of white rats. I. A. Svorodov. Vop. pit. 27 no. 1:26-30. Ja-F '68.
- Effective of dietetic treatment in chronic colitis and ulcerocolitis. N. I. Ekseulina and others. Vop. pit. 27 no. 1:55-59. Ja-F '68.
- Exocrine function of the pancreas in chronic gastritis. N. G. Novotov. Trudy Semipal. med. inst. 4:416-420 '68.
- Extirpation of the esophagus for cancer complicated by perforation. D. I. Egorov. Vop. onk. 14 no. 7:79-80 '68.
- Intestations of the skeletal muscles and the state of the smooth musculature of digestive organs in children. L. A. Chukosova. Trudy Perm. gos. med. inst. no. 5:177-181 '63.
- Intra-abdominal abscesses and tumors growth. R. A. Troshkin. Biol. eksp. med. 65 no. 4:93-94. Ap '68.
- Malignant carcinoma of the rectum growing into the uterus, a single case. A. A. Cherenykh, V. I. Stoltarov, A. B. Makochov. Vop. onk. 14 no. 7:61-63 '68.
- Malignant on the atrophies of aliphaticohalates in polar forces. A. A. Berestov. Uch. zap. Penzensk. gos. univ. 14 no. 3:57-61 '68.
- Materials for the evaluation of the nutritive function of the liver in vomiting. The early toxicosis in gravidas. A. A. Arslanova. Trudy Semipal. med. inst. 4:328-331 '66.
- Materials on the study of potential possibility of the distribution of gastrointestinal diseases through the hands of the workers in public dining establishments. M. P. Vrubl'. I. V. Ganchev. Trudy Perm. gos. med. inst. no. 5:101-106 '67.
- Mechanism of action of therapeutic mud on gastroenteric absorption. L. S. Gribanov, V. R. Fattulberg-Blink. Vrach. delo no. 5:26-30 My '68.
- Medicinal plants of Burma used in Burmese national medicine in diabetes. Report No. 2. IU I. Kolesnikova. Trudy K. an. khim. - farm. inst. 2:217-220 '67.
- Methodology of X-ray examination in duodenal diverticulum. M. D. Val'danov. Trudy Semipal. med. inst. 4:353-356 '66.
- Multifocal electroencephalography in the evaluation of the effectiveness of radiotherapy in cancer of the esophagus. M. D. Akhmedova, E. M. Ivanov. Med. rad. 13 no. 3:14-21. Mr '68.
- Multiple melanoses of primary cancer of the liver to subcutaneous tissue and internal organs. Vrach. delo no. 5:33-35 My '68.
- Neurotosis of the diaphragm. V. I. Bolonov. Vop. onk. 14 no. 3:98-99 '68.
- Neurological symptoms of cholecystitis: visceromotor mechanisms. R. G. Puzov. Trudy Perm. gos. med. inst. no. 5:410-415 '63.
- Oral treatment of diabetes mellitus. V. R. Klichko, A. A. Perevygina, E. A. Grecher. Probl. endok. 14 no. 3:3-8 My-Je '68.
- Origin of vitamin exogenous and its biological significance. R. V. Chagovets, F. V. Lakhov. Vop. pit. 27 no. 1:74-78. Ja-F '68.
- Palliative treatment of diffuse forms of cancer of the abdominal organs by introducing vitamins with glucose into the umbilical vein. N. I. Egorov. Vop. onk. 14 no. 3:27-28 '68.
- Preclinical-day problems of diabetes mellitus at the 8th International Diabetological Congress, July 30-August 4, 1967, Stockholm. V. G. Baranov, L. M. Gol'dber, V. P. Loklatvili. Probl. endok. 14 no. 3:118-122 My-Je '68.
- Recurrent jaundice following infectious hepatitis. L. M. Bochkova. Vrach. delo no. 5:121-123 My '68.
- Results of the treatment of gastric cancer in a rural district. N. S. Memechenko. Vop. onk. 14 no. 4:105-106 '68.
- Results of treatment of mice for fatty degeneration of the liver, preliminary report. V. A. Berestov, A. P. Rodnikov. Uch. zap. Penzensk. gos. univ. 14 no. 3:55-58 '68.
- Role of the liver in disorders of phosphorus metabolism during mechanical jaundice. R. S. Rubinov. Biol. eksp. med. 65 no. 4:45-48. Ap '68.
- Stale acids in the gastric juice of patients with cancer and other diseases of the stomach. V. F. Kalinovskii. Vop. onk. 14 no. 7:25-28 '68.
- Significance of seining in chronic hepatitis and cirrhosis of the liver. A. F. Loginov, O. P. Petrova, A. A. Kramor. Med. rad. 13 no. 3:54-60. Mr '68.
- Significance of hygiene of the oral cavity and teeth in gastric ulcer and chronic gastritis. P. I. Pivchuk. Vrach. delo no. 5:128-129 My '68.
- Significance of intradermal tests with food allergens for detecting food allergy in chronic digestive tract diseases. IU V. Cortinov. Vop. pit. 27 no. 1:60-63. Ja-F '68.
- Sa-called cholestatic and cholangiolitic hepatitis. V. N. Slyshko and others. Vrach. delo no. 6:17-20 My '68.
- Studies on the therapeutic effectiveness of hyaluronic acid in Pankine disease. A. A. Verzhikovskaya and others. Vrach. delo no. 5:112-115 My '68.
- Study of the effect of vitamins B₁₂ and C on vitamin B₁₂ metabolism in experimental cholesterol atherosclerosis tested in normal animals and in animals with injured liver. A. S. Gasanov. Izv. AN Azerb. SSR. Ser. biol. nauk no. 3:4:183-194 '67.
616. 3(471, 63)—Perm Province
- Role of the Kama Reservoir in the distribution of diglypholichthys. JA, I. Vaisman and others. Trudy Perm. gos. med. inst. no. 5:72-80 '67.
- 616.314 Teeth. Dentistry. Odontology
- Napadov, M. A. [Atlas of orthodontics. Etiology, pathogenesis and prevention of deformations of the maxillo-dental system] Ortodonticheski atlas. Etiologiya i patogenetika deformatsii zubochelustnogo sistema. Pod red. A. I. Pozitskov. Kiev, "Zdorov'ia," 1967. 115 p. (ONLM)
- Outcome of the treatment of epistaxis. N. F. Potaturskaya. Trudy Semipal. med. inst. 4:359-261 '68.
- Significance of hygiene of the oral cavity and teeth in peptic ulcer and chronic gastritis. P. I. Pivchuk. Vrach. delo no. 5:128-129 My '68.
- 616.4 Hemopoietic, lymphatic, endocrine systems
- Activity of acid phosphatase and the phagocytic capacity of the cells of the reticuloendothelial system in various experimental tumors. G. N. Durova. Biol. eksp. med. 65 no. 3:85-87. Ap '68.
- Algoale thyrocardial syndrome in the sport medicine practice. M. B. Kazakov. Trudy Perm. gos. med. inst. no. 5:215-219 '63.
- Antimicrobial properties of various gastric juices. R. Kh. Abdusamirov, A. I. Vashchenkova. Trudy Semipal. med. inst. 4:389-402 '68.
- Autoendocrin (pharmacology of autocrinological growth stimulation) in neoplasms and some other diseases of the thyroid gland. K. A. Sidorov. Probl. endok. 14 no. 3:4-10 My-Je '68.
- Hypothyroidism of total and individual proteins in the endocrine organs of irradiated animals. O. V. Molotkov, D. E. Gredzenkii, IU V. Bordinnyi. Med. rad. 13 no. 5:17-23 My '68.
- Blood insulin activity in acromegaly. I. A. Drzhovetalskaya. Probl. endok. 14 no. 3:18-20 My-Je '68.
- Case of proliferating struma with metastases. F. I. Volov. Trudy Vor. med. inst. 4:181-185 '68.
- Changes in the concentration of blood serum stalle acids in patients with endemic goiter before and after operations. V. M. Udalov, A. I. Duzhak. Probl. endok. 14 no. 3:16-17 My-Je '68.
- Changes in the heat exchange in rabbits with experimental hypothyroidism during the initial periods of adaptation to moderately low external temperature. G. I. Medvedeva. Probl. endok. 14 no. 3:100-104 My-Je '68.
- Clinical evaluation of electrocardiographic signs of coronary insufficiency in pheochromocytoma. L. S. Savina, K. N. Kozlov. Probl. endok. 14 no. 3:27-33 My-Je '68.
- Comparative evaluation of radioactive iodine treatment in thyrotoxicosis. I. S. Nalozakova, V. N. Nalozakova. Trudy Vor. med. inst. 4:183-185 '62.
- Compensatory mechanisms of hemodynamics and the contractile capacity of the myocardium in Addison's disease. A. E. Sokol. Probl. endok. 14 no. 3:20-24 My-Je '68.
- Dependence of the restoration of the adrenal cortex on the character of the operative intervention. G. I. Kravchenko. Biol. eksp. med. 65 no. 4:103-107. Ap '68.
- Effect of methylglutesterone on the function of sex glands. N. L. Korikov. Vrach. delo no. 5:100-102 My '68.
- Effect of surgical treatment of toxic goiter on the cholesterolemia level. M. P. Clerenko. Vrach. delo no. 5:81-83 My '68.
- Electroimpulse therapy in auricular fibrillation in diffuse toxic goiter. V. G. Spasivova, A. L. Syrkina. Kardiologia 8 no. 3:109-111 My '68.
- Exocrine function of the pancreas in chronic gastritis. N. G. Novotov. Trudy Semipal. med. inst. 4:415-420 '68.
- Food rations for people living in goiter endemic areas. IU I. Osorokova, K. V. Mukhorina. Vop. pit. 27 no. 1:78-82. Ja-F '68.
- Function of the adrenal glands at late periods following single and fractional irradiation. I. A. Prokudin. Med. rad. 13 no. 3:12-15. Mr '68.

617 (Continued)

- Pericyclic ophthalmology. Based on materials of the
Soviet-Polish Eye Clinic accumulated during 10 years.
N.A. Rozina, L.S. Shalova. Trudy Sompal. med. inst.
4:313-343 '66.
Infectious states in acute glaucoma. G.K.
Lipin. Trudy Gos. nauch. inst. oftalmol. med. inst. 13:
52-52 '64.
New transcranial approach to the orbit. L. Kargozov.
Vop. neirokhir. 31 no.1:5-8 Ju. F '67.

618 Gynecology. Obstetrics

- Cancer of the cervix uteri in a 12-year-old girl. N.L.
Alekseeva. Vop. onk. 14 no.7:84-85 '68.
Capillary resistance in patients with cancer of the cervix
uteri. A.A. Hadzichlerko, V.D. Mikhailov. Vop. onk.
14 no.4:65 '64.
Changes in the protein composition of the blood in cancer
of the corpus and cervix uteri. L.A. Namova, V.M.
Sera. Vop. onk. 14 no.4:57-51 '64.
Differential diagnosis of ovarian cysts and gynecitis. P.M.
Lashuk, V.I. Mikhlinov, L.N. Levitsa, V.I. Chichko
no.5:147-148 My '68.
Estrogen therapy in compound treatment of malignant
ovarian tumors. G.P. Loskutova. Vop. onk. 14 no.7:
173-184 '68.
Experience in the treatment of choriocarcinoma. A.I.
Gerasimov, N.P. Gerasimov, V.I. Chichko.
Vop. onk. 14 no.7:175-176 '68.
Excision of the thyroid in patients with carcinoma defects
and the prevention of fibromas by means of ultraviolet
light. Z.A. Litmanov. Radiobiologiya 4 no.3:54-58
Ju. F '68.
Functional state of the pancreas in hypogonadism. I.G.
Alekseev. Probl. endok. 14 no.3:33-36 My. Ju. F '68.
Kov. D.V. [Locations of ureters in obstetrical and gynecological
practice] Povrezhdeniya moshchelnikov v
akusherol. i ginekologicheskoy praktike. Moskva, 1907.
124 p.
(DNLAM)

- Large zona skin distance γ -therapy in cancer of the
cervix uteri with the use of the isosoma block. E.R.
Lashuk. Med. inst. 13 no.7:11-12 My '68.
Late-stage metastases of breast cancer. I.A. Lelchuk.
Vop. onk. 14 no.4:67-69 '68.
Malignant carcinoma of the rectum growing into the
cervix: a single case. A.A. Chirumykh, V.I. Stollmur,
A.B. Markochov. Vop. onk. 14 no.7:81-83 '68.
Materials for the clinical aspects and treatment of
pregnancy toxemia. A.A. Arslanova. Trudy Sompal.
med. inst. 4:323-327 '68.
Materials for the evaluation of the antitoxic function
of the liver in vomiting - the early toxicosis in gravidae.
A.A. Arslanova. Trudy Sompal. med. inst. 4:328-
331 '68.
Materials on skin thermometry during obstetrical tests
in gravidae under normal conditions and in toxemia.
V.M. Litmanov. Trudy Perm. gos. med. inst. no.5:
286-297 '63.
Morphological changes in breast cancer following intra-
venous administration of colchicine. V.V.
Pavlov, A.P. Morozov, I.G. Anshukhin. Med. rad.
14 no.5:31-37 My '68.
Morphological reparative regeneration of specific elements
in the ovary of dogs. U.V. Popov, Trudy
Sompal. med. inst. 4:402-400 '68.
Pregnancy and labor in congenital adrenogenital syn-
drome. I.V. Golubeva, Z.L. Lomunova, I.S. Rozovskii.
Probl. endok. 14 no.3:24-27 My. Ju. F '68.
Preservation of an approximately 8-month pregnancy
following multiple fracture of the pelvic bones. A.A.
Kozlagarov. Trudy Sompal. med. inst. 4:321-322 '68.
Primary cancer of fallopian tubes. O.I. Avdeeva. Vop.
onk. 14 no.7:106 '68.
Significance of sex chromatin in the hormone therapy of
breast tumors. A.I. Galyayuk, A.A. Shukhmatov.
Vop. onk. 14 no.4:37-41 '68.
Transplantation of bone marrow in compound treatment
of malignant tumors of the ovaries. V.G. Mikhailov,
I.I. Gerasimov, T.M. Ateva. Vop. onk. 14 no.7:32-
35 '68.
Vikralits, E. [Prevention of cancer of the cervix uteri]
Profilaktika raka shelki matki. S predl. i prot. red.
A.I. Serobova. Vilnius, "Mintis," 1967. 211 p.
(DNLAM)

- Visceral pelvic phlebography in the diagnosis of cancer
of the uterus and its annexa. A.I. Shukhmatov, A.A.
Pavlov. Vop. onk. 14 no.4:42-46 '68.
619 Comparative pathology. Veterinary medicine
Atrypocytosis. R.A. and E.A. Alkova. [M.K. Gantov.
Bibliografiya M.K. Gantov. Bibliografiya. Baku, Izd.
AN AZSSR, 1967. 128 p. (Doklady nauki i kul'tury Azer-
baidzhana).
Immunological study of North-Hispanic disease I. and its
abundance in oocytes. I.M. Zetsevala. Vses. zoot.
2 no.2:52-60 Mr. Ap '68.
Mikserich, V.IU. [Infectious in the indoor and the disease
caused by them] Gol'dinty sovornogo olena i vyzhiva-
niya imi zabolevaniya. Leningrad, "Kolos," 1967. 308 p.
Proteins and nucleic acids as immunological indicators
following vaccination of sheep against paratuberculosis.
A.M. Akhmedov, Izv. AN Azerb. SSR, Ser. biol. nauk
no.3/4:208-212 '67.
619(576.3)—Tajik S.S.R.

- Natural infectibility of mollusks by Fasciola hepatica in
southern Tajikistan. V.A. Gantov, Izv. Otd. idol.
nauk AN Tadzh. SSR no.1:116-111 '68.
62 ENGINEERING AND TECHNOLOGY
Analytical method of determining the optimum number of
units. A.G. Tagiev. Zatekha. prog. 5 no.6:3-11
Ju. F '68.
Analytical exhibition of the "Construction" section.
A.A. Sadeev. Dik. stroy. tekhn. 29 no.1:40-41 Ju. F '67.
Bosch-Bruyev, A.M., V.L. Bykov, and P.I. Chirayev.
[Nonlinear elements of self-adjusting systems. (Net-
works, calculations, designs)] Beskontaknye elementy
samoragulyashchivayushego sistema. (Sistemy, raschyty,
proektirovaniye). Pod red. P.I. Chirayeva. Moskva,
"Mashinostroyeniye," 1968. 202 p.
Centrifugal cooling system of engines in post-repair
training. B.S. Koltasnikov. Mekh. stroit. 24 no.4:10-
21 Ap '67.
Certain problems of the modeling of porous solids. I.M.
Stereozavskii. Porosh. mel. 0 no.5:91-98 My '68.
Exhibition of Achievements of the Soviet National Economy.
1968. V. Abramov. Inform. bliz. VDNKh no.1:
2-3 Ju. F '68.
[German-Russian technical dictionary. Approximately
40,000 terms. Neмецко-русский технический словарь].
Otkulo 40 000 terminov. Pod red. L.I. Barosa. Izd. 2-e,
stereotip. Moskva, "Sov. entsiklopediya," 1968. 725 p.
Lashuk, N.I. [Economic aspects of inventions and
efficiency promotion in an enterprise operating on a
business accounting basis] Voprosy ekonomiki izo-
bratelskoy i razrabotatelskoy na khozraschetnom
prikladn. i. Leningrad, 1967. 24 p. (Leningr. dom
nauch. tekhn. propagandy. Seriya "Ekonomika i
planirovaniye proizvodstva").
[Information bulletin of new foreign books, received by
the Lenin Library. Series I] Inform. bliz. nov. liter.
knig, pushp. v Bibliot. V.I. Len. Ser. I 13 nos.12, 21-
25 Ju. S. '68.
International symposium on ergonomics. V. Vozdo,
A. Mitin. Tekh. est. 5 no.4:26 Ap '68.
Machine tools for electrophysical and electrochemical
treatment of the Exhibition of Achievements of the
National Economy of the U.S.S.R. V.A. Kostin. Vest.
mashinost. 48 no.6:62-61 My '68.
More new industrial samples are needed. Tekh. est.
5 no.2:3 F '68.
New developments in science and technology. Prom.
Arm. 10 no.12:54-55 '67.
Objective method for the evaluation of the ergonomic
efficiency of products. T. Kovalevskii. Tekh. est. 5
no.4:4-6 Ap '68.
Planning an experiment for the optimization of the N-pen-
tane isomerization process. M.D. Vashutskii and others.
Khim. i tekhn. topl. i masel 13 no.6:31-33 '68.
Practical courses at the Higher State Art and Crafts
School and the Higher State Art and Crafts Institute.
Part 2. L. Mita. Tekh. est. 5 no.4:
27-29 Ap '68.
Protection of radioactive products by tripropyl-
carbinol powdered coatings. L.I. Fridman. Lakokras.
mat. i kh. prim. no.3:20-23 '68.
[Russian-Moldavian technical dictionary] Russko-moldav-
skii tekhnicheskii slovar'. Kishinev, Editura "Lumina,"
1967. 751 p.
Soviet system of reporting on production quality.
V. Serev. Tekh. est. 5 no.4:2-4 Ap '68.
Start and self-start of machines supplying lateral loads
of large block power plants. P.B. Ivanovskii, Sh.A.
Baklanov. Zatekha. prog. 0 no.5:23-24, 33 My '66.
Sintkin, B.K. [Technological sciences and industry]
Tekhnicheskoye nauki i proizvodstvo. Moskva, "Mosk.
razvuchii," 1967. 144 p.
Using polyamide resin lustrating while restoring worn
opencings. A. Nikulin, D. Yakovlev. Mekh. stroit. 24
no.3:18 Ap '67.

62(471.232)—Leningrad City

Six years of the prefrontary expenditures for scientific
research work carried out in institutions of higher
learning. K.M. Velikunov, G.G. Vasil'eva, I.V.
Goltchevskaya. Trudy LPI no.208:64-68 '67.

62(477)—Ukrainian S.S.R.

Contribution of scientists from the Ukraine. B. Palon.
Prom. Arm. 10 no.12:5-6 '67.

62(479.24)—Azerbaijan S.S.R.

Cybernetics in the Azerbaijan economy. B.A. Azimov.
Zatekha. prog. 2 no.11:7-8 N '67.
Scientific and technical progress in Azerbaijan economy.
Zatekha. prog. 2 no.11:1-1 N '67.
Scientific and technical progress in the mining and met-
allurgical industries of Azerbaijan. K.N. Huseynov, Sh.N.
Mamedov, B.A. Abasalyov. Zatekha. prog. 2 no.11:
10-20 N '67.

62(479.26)—Armenian S.S.R.

Industrial Zangozur. Prom. Arm. 10 no.12:31 '67.

62(497.2)—Bulgaria

Evaluation of the quality of products. I. Avramov. Tekh.
est. 5 no.4:7 Ap '68.
In the Bulgarian Center of Industrial Aesthetics and
Industrial Design. IU. Lapa. Tekh. est. 5 no.2:34-
36 F '68.
620.1 Materials testing
Accelerated testing for durability of small-module
gears. V.M. Blagoderov. Stan. i kach. 31 no.12:38-39 D '67.

- Alignment of specimens in machine clamps. G.A.
Kostomarov, A.K. Kozantsev. Zav. lab. 34 no.3:
370-371 '68.
Automatic recording of the lines of fracture of plastic
samples in tests for stress-strain strength. A.G.
Vashkov and others. Zav. lab. 34 no.2:213-215 '64.
Capillary flow-through pickup for measuring the water
content of petroleum products. A.A. Lapshin, V.A.
Baltinsh, N.P. Kharitonov. Zav. lab. 31 no.2:218-
241 '68.
Determining the specific weight and porosity of ceramic
samples. U.I. Ismailov, F.I. Kharitonov. Zav.
lab. 34 no.2:247-248 '68.
Determining the strength of bolt fasteners in the toe part
of shoes. A.I. Grib, Kozh. obuv. prom. 10 no.3:32-
35 Mr '68.
Device for determining the dynamic characteristics of
systems using the resonance method. Iu. V. Zelenov,
A.B. Aliev. Zav. lab. 31 no.2:236-237 '68.
Device for the determination of the wear-resistance of
paint and varnish coatings under low temperatures.
M.I. Kuznetsov, M.I. Viktorov, K.V. Mal'nev,
Lakokras. mat. i kh. prim. no.2:52-53 '68.
Durability and protection of gear drives. A.A. Malik,
Sund. i kach. 31 no.12:36-37 D '67.
Effect of unscheduled impurities on the basic properties
of the ML50N alloy. Iu. M. Tselner, L.A. Panina.
Stroi. mel. 41 no.2:78-79 F '68.
Evaluation of the adhesion of electric insulating coatings
to metals. U.I. Ismailov, N.P. Kharitonov, Lakokras. mat.
i kh. prim. no.2:46-47 '68.
Improving the stand for testing diesel fuel pumps. V. Lav-
rov. Rech. transp. 27 no.5:29-30 My '68.
Laskalo, E.A., and M.G. Voronkov. [Organosilicon
water-repellent roofs in construction practice] Krennii-
organicheskie vodootalivayushchie pokrytiya v stroi-
tel'stve. Kiev, "Budiv'el'nyk," 1968. 92 p.
Machine tools for mechanical tests of brittle materials in the
temperature range of 20 to 1200° C. S.S. Solntsev and
others. Zav. lab. 31 no.2:234-238 '68.
Machine tools for mechanical testing of materials.
L.M. Pashkov, O.I. Malik, Zav. lab. 34 no.2:231-
233 '68.
Machine tools for testing paper tear. N.M. Larichevskii, V.I.
Mikhlin, A.E. Mur'lanich, Bim. prom. no.3:14
Mr '68.
Mechanical sampling of ores from railroads. D.I.
Golitsov, G.A. Usatov, S.D. Znamenskiy. Car. zhur.
143 no.4:71-72 Ap '68.
Method for recording the motion of the striking pin of
an impact. V.A. Ivanov. Zav. lab. 34 no.2:233-
234 '68.
Method for studying the structure of cavitation cavities.
S.P. Kozlov, Zav. lab. 34 no.2:205-206 '68.
Method for the interstructural testing of the bimetal
iron-aluminum. E.I. Nazarov, A.A. Gerasimov. Zav. lab.
34 no.2:201-205 '68.
Methods of thermomechanical testing of power units. Iu. V.
Zakharov. Vozdush. i vod. tekhn. i khim. na
transporte. no.2:22-23 '68.
Mordukhai, T. [Testing methods]. Stroi. stroit. tekhn. 26 no.1:
14-16 Ju. F '67.
Ordinary chromatograph with cyclic temperature change
and its use in qualitative analysis. A.I. Kravuk, L.N.
Opasnenko, A.N. Korol'. Khim. prom. Ukr. no.1:58-
60 Ju. F '68.
Properties of Al-Li alloys. Z.A. Sviderskaya, V.I.
Kuznetsov. TSvet. mel. 41 no.2:82-84 F '68.
Selection of the criterion for the evaluation of durability
of polymer coatings in liquid aggressive media in
accelerated tests. M.I. Orlovskii. Lakokras. mat.
i kh. prim. no.2:40-53 '68.
Standardization of the chemical composition and methods
of testing seen as a metallurgical problem. A.B.
Smirnov, A.V. Silin. Sund. i kach. 31 no.12:5-6
D '67.
Standards for running-in and durability control of machines.
K.P. Chudakov, A.I. Terkel'. Stroi. i cor. mel. 11
no.1:32-34 Ap '68.
Studying the intensity of pigments. Iu. Ia. Dobryanko,
S.A. Shchurinov. Lakokras. mat. i kh. prim. no.2:12-
16 '68.
Unit for testing rigid plastics for vibration stability.
V.N. Mikhlin. Zav. lab. 34 no.2:237-239 '68.
Vibrations of apartment house floors. Iu. A. Solomonov,
Stroi. mekh. i rasch. stroy. 9 no.3:32-31 '67.

620.16 Suitability, serviceability, quality testing

Analyzing the maneuverability of building machinery.
I.A. Kh. Zakin, V.M. Donokoi. Mekh. stroit. 25 no.3:
4-8 Mr '68.
Determining the parameters of testing helically welded
pipes with a diameter of 1020mm. I.B. Kuzmina and
others. Stroi. stroit. tekhn. 12 no.12:17-18 D '67.
Media-coupled precipitation of aerosols in the atomizer.
S.A. Chukhina. Trudy VNIIMO no.1:125-133 '66.
Operation of construction machinery. R.A. Makarov,
S.I. Abramov. Mekh. stroit. 25 no.2:20-21 F '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.16 Suitability, serviceability, quality testing

Testing long-span members with strand reinforcement
by regular loading. A.I. Ardeev, V.M. Korol'kov,
Stroi. mekh. rab. DVNIS no.8:41-46 '68.

620.16 Suitability, serviceability, quality testing

Results of factory unit tests of a transportable power and
chemical plant. A.K. Shvartsnii. Nauch. trudy LTA
no.105:11-20 '68.

620.16 Suitability, serviceability, quality testing

Stand for testing the quality of repair work done on auto-
mobile compressors. M.I. Kovalchuk. Mekh. stroit. 25
no.2:22 F '68.

620.17 Measurement of mechanical properties. Strength and deformability tests, etc.

Accuracy of indicators of wear and tear for the determination of wear in parts of engine pairs. M. I. Frenkel. *Zap. L'vov. univ.* 1973 23: 311-317.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Method of determining the fatigue life of the material. A. I. Frenkel. *Trudy MFT* no. 220 1973 1: 1-10.

Effectiveness of the amount and size of particles of gamma prime phase on the stress-strain strength of Ni-Cr-Al-Ti alloys. I. G. Sorokina, S. A. Ugarova. *Metalloved. i term. obr.* no. 5-48-48 Ju '68.

Effectiveness of the shape and dimensions of a specimen on the stress-strain strength of cast iron. P. S. Elizarov. *Lit. protzv.* no. 1-47-48 Ju '68.

Investigating properties of heat-resistant OKh238IU steel. A. S. Zubchenko, M. M. Timofeev, V. G. Gordovskii. *Metalloved. i term. obr.* no. 6-78-77 Ju '68.

Investigating the causes of breakdown of some of the parts of the E-302 excavator. D. V. Zakharov, A. A. Korneev. *Trudy MFT* no. 220-20-27 '68.

Investigating the strength, and developing a method of calculating joints connecting with the grain of an element. E. P. Garf, V. I. Novikov. *Avtom. svar.* 11 no. 4-31-35 Ap '68.

Machine for testing metal samples for creep and stress-strain strength. I. G. Ivanov, L. I. Monnikova. *Zav. lab.* 34 no. 3-35-35 '68.

Machine for testing wear of nonmetallic materials. V. D. Gelman, B. M. Gershtovich, M. F. Lipatova. *Zav. lab.* 34 no. 3-35-36 '68.

Materials testing under the simultaneous effect of gradual loading and a temperature increase of up to 250°C. I. I. A. Voloshenko-Klimovskii, A. A. Vlasovskaya, I. U. S. Danilov. *Zav. lab.* 34 no. 2-21-21 '68.

Mechanical and corrosion properties of welded joints of steel and aluminum alloys with bimetallic inserts. F. I. Razdvi, V. P. Silatov. *Svar. protzv.* no. 6-27-31 Ju '68.

Method for calculating the currents in an induction and a bank during the electromagnetic forming. K. O. Kravtsov, V. A. Volkov. *Vestn. AN SSSR, Ser. fiz.-tekh. nau.* no. 1-52-57 '68.

Method of crack fixation in plastic specimens. I. M. Gershtovich. *Zav. lab.* 34 no. 2-22-22 '68.

Method of determining the mechanical strength of electrolytic coatings. V. G. Gerasimov, V. G. Savin, I. U. D. Konkov. *Zav. lab.* 34 no. 3-34-34 '68.

Methodology of gamma-ray analysis. I. N. Plakotin, G. I. Mikhlin. *L. P. Starodub. Zav. lab.* 34 no. 2-18-20 '68.

Methodology of testing concrete for axial tension. R. O. Krasovskii, I. S. Krot, N. A. Sheslavskaya. *Bel. izv. i dokl.* 14 no. 3-33-33 Mr '68.

Methods for measuring the thickness of thin films. I. S. Palatnik and others. *Zav. lab.* 34 no. 2-18-20 '68.

Methods of evaluating the anisotropy of hull materials. V. D. Popov. *Sudostruents* 68 no. 3-11-12 Mr '68.

Methods of fatigue testing of specimens having a broken-line axis. I. V. Tkachev. *Zav. lab.* 34 no. 3-35-35 '68.

Methods of preparing and testing specimens of ferrous and other materials with special properties. A. N. Gerasimov, V. A. Samonov, I. D. Sokolov. *Zav. lab.* 34 no. 2-18-21 '68.

New defectoscope for checking welded joints. A. K. Gurvich, I. I. Kuz'mina. *Puti i tekhn.* 12 no. 1-7-8 '68.

On "freezing" of deformations in the photoelasticity method. E. I. Kholodov. *Vys. i GU* 23 no. 7-118-127 Ap '68.

Pneumatic device for measurement of wear of the parts of plunger pairs. D. P. Gurevich. *Zap. LSKH* 109-221-226 '67.

Properties and weldability of hardened semikilled St. 3pe steel. N. F. Legvda, V. A. Savchenko, I. S. Sulnik. *Svar. protzv.* 109-221-226 '67.

Rapid testing of steel specimens for cyclic strength. P. M. Shilov, A. A. Gerasimov, V. I. Klimovskii. *Zav. lab.* 34 no. 2-21-21 '68.

Realization of theoretical strength in metals with the passage of flat shock waves. A. M. Volchok, P. O. Pashkov. *Fiz. i khim. obr. nat.* no. 1-12-123 Jo '68.

Relation of glass microhardness value of the applied load. I. V. Ryzhikovskaya, D. S. Sidorov. *Zav. lab.* 34 no. 3-35-35 '68.

Resonance method of determining the dynamic characteristics of polymer coatings. I. U. V. Zetenev, I. P. Horozov. *Zav. lab.* 34 no. 2-22-22 '68.

Residual stresses in electrolytic coatings and methods of determining them. M. M. Kozlov, V. P. Andreev. *Zav. lab.* 34 no. 3-34-34 '68.

Resistance to fatigue during a complex form of a stress-strain cycle. M. I. Filatov. *Zav. lab.* 34 no. 3-33-33 '68.

Results from testing nonstandard reinforced concrete trusses. B. N. Mizerlik, I. U. D. Ryzhikov. *Prom. stroit.* 44 no. 7-14 '67.

Selection of parameters for a pneumatic device to measure local wear of protection parts of fuel systems. I. A. Mishin, D. F. Gerasimov, N. N. Didenko. *Zap. LSKH* 109-222-233 '67.

Side-scanning defectoscope. V. I. Zhivotov, E. E. Gostishchev. *Puti i tekhn.* 12 no. 4-25-26 '68.

Some problems of the strength of alloyed graphite. R. I. Drozdov and others. *Khimiya i tekhn.* 14 no. 3-140-143 My-Je '68.

Study of the energy indices of the SK-4 self-propelled grain harvesting combine with the aid of the TO-4M teletactic oscillograph. V. V. Mironovskiy, O. N. Abakumov. *Zap. LSKH* 109-115-124 '67.

Studying the buckling of plastic sandwich construction shields. V. I. Tomchank. *Sudostruents* 68 no. 3-50-80 Mr '68.

Studying the kinetics of failure of magnetic sheet materials by the method of "photography." I. A. Drozdovskii, V. M. Markov. *Zav. lab.* 34 no. 2-20-21 '68.

Temperature range in the carbide phase formation, and its effect on the mechanical properties of Kh2VMBF steel. A. V. Morozov, A. M. Ryzhikov. *Metalloved. i term. obr.* no. 6-39-42 Je '68.

Tendency to brittle failure of the M08KhMBT (M8200) martensitic aging steel and the high-strength steel of the martensitic class. G. A. Gerasimov, V. P. Vityazev, V. I. Sarak. *Metalloved. i term. obr.* no. 6-22-26 Je '68.

Testing weld joints of forgings made of P steel after subjection to hydrogen peroxide, ammonia and a temperature of 100°C and others. Khimiya i tekhn. no. 1-140-140 Ap '68.

Ultrasonic flaw detector for revealing flaws in products resulting from overstrain. M. I. Kozlov, L. A. Kozlov. *Dokl. Akad. Nauk SSSR* 233 no. 5-56-57 Ju '68.

Ultrasonic analysis of elasticity characteristics of compression mercurials. M. I. Kozlov, V. I. Kozlov. *Trudy Khimichesk. i tekhn. inst.* 23 no. 1-1-1-1 Ju '68.

Unit for measuring the thermal conductivity of electrically conducting materials. R. I. Kozlov. *Zav. lab.* 34 no. 2-21-21 '68.

Use of nondestructive methods of concrete building practice. *Transactions of the Scientific and Technological Conference 1968, in Leningrad (GDR)*. Translated from *Primenenie nerazrushayushchikh metodov v stroitel'stve* (GDR). *Trudy MFT* no. 220-20-27 '68.

Use of nondestructive methods of concrete building practice. *Transactions of the Scientific and Technological Conference 1968, in Leningrad (GDR)*. Translated from *Primenenie nerazrushayushchikh metodov v stroitel'stve* (GDR). *Trudy MFT* no. 220-20-27 '68.

Wire strain gauge for measuring plastic deformation of vessels and apparatus. S. M. Kozlov. *Metalloved. i term. obr.* no. 4-3-7 Ap '68.

620.18 Investigation of structure. Metallographic study of nonmetals

Alpha to gamma transformation. In the U-irradiation of aging steel. L. N. Bol'shakov, S. S. Zhurav. *Metalloved. i term. obr.* 26-32 Ju '68.

Connection between the structure of the Al and the temperature of casting. R. H. Al'tshteyn. *Met. i spets. 41* no. 2-85 Ju '68.

Controlling nonmetallic inclusions in cast steel and others. I. I. Pashkov. *Met. i spets. 41* no. 2-85 Ju '68.

Dependence of concrete strength and heat reinforcement on the parameters of steel thin-walled products. V. A. Shcheglov. *Trudy MFT* no. 220-20-27 '68.

Distribution of nonmetallic inclusions in aluminum in a 700-kg. ingot of the cast steel. V. I. Bol'shakov and others. *Met. i spets. 41* no. 2-85 Ju '68.

Effect of inoculation with rare earth elements on the structure and properties of cast steel and others. V. A. Shcheglov. *Trudy MFT* no. 220-20-27 '68.

Effect of the rate of cooling on the structure of the peritectic alloy. I. V. Pashkov. *Met. i spets. 41* no. 2-85 Ju '68.

Electron microprobe analysis of secondary metal inclusions. V. V. Kuz'minov, I. V. Kuz'minov. *Trudy MFT* no. 220-20-27 '68.

Electron microprobe analysis of the structure of the Kh2VMBF alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Fractography of the propagation of fatigue cracks. R. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

High refractory materials with a high content of fused silica. V. I. Kuz'minov, V. I. Kuz'minov. *Met. i spets. 41* no. 2-85 Ju '68.

Investigating the HINIKTA alloy by the X-ray method. N. N. Gerasimov, I. V. Pashkov. *Trudy MFT* no. 220-20-27 '68.

Matching of phases of input and output signals for compensating elements. M. F. Zakharenko, E. M. Gerasimov. *Trudy MFT* no. 220-20-27 '68.

Notch of light spots in fractures of brittle steel specimens. I. N. Bol'shakov, N. A. Vlasov. *Met. i spets. 41* no. 2-85 Ju '68.

Preparation of concentrated solutions of metal inclusions for electron microprobe analysis. I. V. Kuz'minov. *Trudy MFT* no. 220-20-27 '68.

Preparation of transparent polished sections. A. S. Chibrikova. *Trudy MFT* no. 220-20-27 '68.

Preparation of 10021 low-alloy stainless steel and others. *Met. i spets. 41* no. 2-85 Ju '68.

Protective properties and structure of films of high carbon steels. N. G. Antipova, A. A. Antipova. *Met. i spets. 41* no. 2-85 Ju '68.

TCrAl2O compounds in systems of rare earth and calcium and their crystal structure. V. I. Kuz'minov, N. G. Antipova. *Met. i spets. 41* no. 2-85 Ju '68.

Thermogravimetric process in Kh2VMBF alloy. I. A. Bol'shakov, N. A. Antipova. *Met. i spets. 41* no. 2-85 Ju '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

Structural changes during the breakdown of iron in the Al-3%Cu-0.8%Sn alloy. M. I. Kozlov. *Trudy MFT* no. 220-20-27 '68.

- 621.01 (Continued)
- Interfacing the automation level of the chemical industry. A. I. Davidovich. *Trudy LII* no. 28-31: 67.
- Determining the type of geoelectric section of frozen strata with the help of an electronic computer. V. S. Davydov. *Radiotekhnika i elektronika* 34 no. 3:31-35 My '68.
- Determining the volume of information in telemeasuring and remote control systems of the oil and gas industries on the basis of algorithms of the operation and control of technological facilities. A. G. Mamukhanov. *Zh. tekhn. fiz.* 34 no. 1-3: 73.
- System for automatic selection of the direction of movement. I. V. Dizin, V. A. Gerasimov, V. P. Shapoval. *Mekh. teoret. i prikl.* no. 6: 17-19 Apr '67.
- Device for controlling given values of a random function by a nonlinear element. R. I. Gerasimov, K. G. Gerasimov. *Izv. vuz. ucheb. zav., elektronika* no. 4: 44-48 Apr '68.
- Device for the control of slotted furnace rollers and for sliding their location. I. S. Zhitel', I. M. Sakharov, V. M. Smirnov. *Spek. i tekhn.* 23 no. 5:33-36 My '66.
- Device for the diagnosis of automatic mass weighing and charging machines. B. I. Spivakov. *Ognyumy* 33 no. 5:57 '68.
- Device for the vapor cooling of steel and its automatic control diagram. A. I. Golubov and others. *Sov. tekhn. fiz.* no. 12:201-204 '67.
- Discrete analyzer of random processes. E. P. Pignunov, V. I. Gorbunov. *Izv. vuz. ucheb. zav., elektronika* no. 4: 49-50 Apr '68.
- Establishing and regulating equipment for the system of programmed automatic charging of pitch-rope covers. V. P. Skovyr and others. *Kok. i khim.* no. 5: 44-46 '68.
- Dynamic structure of a system controlling automatically the start of a boiler-turbine block. G. I. Khachatli, V. G. Pirogov, S. I. Kleinberg. *Izv. vuz. ucheb. zav., energ.* 11 no. 6:60-65 Je '68.
- Analysis and calculation of the burning processes in a furnace with a chain grate. A. I. Shumakov. *Trudy TSIS* no. 9:92-120 '62.
- Encyclopedia of measurements, control, and automation. *Elektronika i avtomatika*. Moscow, "Energiya," Vyp. 9, 1969, 65 p.
- Exhibition of automation equipment for engineering and technical operations. *Bel. i zh. bel.* 13 no. 1:44-47 Ja '67.
- Initial phase operation of nonadjustable apparatus during random disturbances. B. I. Solov'ev. *Izv. AN SSSR, Tekh. kib.* no. 3:30-37 My-Je '68.
- First All-Union Scientific and Technical Conference on the Construction and Utilization of Control Systems Using Computers. V. V. Bolotinovich, V. N. Plutakov. *Izv. AN SSSR, Tekh. kib.* no. 1:205-206 Ja-Je '68.
- Follow-up system for an electric shunt. A. S. Sandler, B. G. Huzachkov. *Elektricheskoe* 4:403-67 Apr '68.
- General mechanization and automation of electrical work. A. Lyashin and others. *Mosk. bul. SSSR* 36 no. 3:7-9 Mr '68.
- Kozlov, S. N. [Testing magnetic components of automatic equipment] *Ispytaniye magnitnykh elementov avtomaticheskikh ustroystv*. Moscow, "Energiya," 1968, 83 p. (U-ka po avtomatike, Vyp. 292).
- Improving the quality of regulation with regard to systems for stabilizing loads upon working elements of rotary electric motors. M. I. Trenkel', I. S. Mamel'bidal. *Gor. zhur.* 143 no. 3:60-61 Apr '68.
- Inertial systems for power regulation of d. c. ship propulsion units. B. P. Kishinev, M. S. Volynskiy. *Izv. vuz. ucheb. zav., elektronika* no. 6:671-677 Je '68.
- Lukatskiy, S. A. [Pneumatic systems for controlling the drives of automatic machines. (Methods for design)] *Pnevmaticheskie sistemy upravleniya privodom mashin avtomatov*. (Metody proyektirovaniya). Moscow, "Energiya," 1968, 88 p. (U-ka po avtomatike, Vyp. 299).
- [Journal of abstracts: Cybernetics] *Ref. zhur. i kib.* nos. 6-7 Je-Jl '68.
- Kulay, A. S. [Automatic control] *Avtomaticheskoe regulirovaniye*. Moscow, "Energiya," 1967, 343 p.
- Lebedev, M. D. [Present state and development of automatic control systems] *Sostoyaniye i razvitiye avtomaticheskikh sistem kontrolya*. Moscow, "Energiya," 1968, 60 p. (U-ka po avtomatike, Vyp. 280).
- Load distribution between engines working in parallel with automatic revolution speed regulators. G. A. Mleshtkin. *Sudostroeniye* 58 no. 3:35-38 Mr '68.
- Markov chains in queueing networks optimal in reliability. B. A. Bessonov, A. P. Rylovskoy. *Izv. AN SSSR, Tekh. kib.* no. 3:14-21 My-Je '68.
- Method for calculating transition functions of automatic control systems according to imaginary frequency characteristics using an electronic computer. T. Kraus. *Izv. AN SSSR, Energ. i transport* no. 2:113-116 Mr-Apr '68.
- Method for stabilizing and increasing the quality of control of linear a. c. servo systems. A. G. Kiril'nikov. *Trudy GPI* 23 no. 2:4-6 '67.
- Method for the conversion of a space of observations in statistical analysis of nonlinear closed-loop control systems. Part 2. V. I. Kamenko. *Kibernetika* no. 2: 31-35 Mr-Apr '68.
- Modeling of random quantities connected with a system of independent tests. I. U. G. Poliak. *Izv. AN SSSR, Tekh. kib.* no. 1:210-212 Ja-Je '68.
- Models of accelerated tests. I. A. Pechenka, M. I. Stepanova. *Izv. AN SSSR, Tekh. kib.* no. 3:38-43 My-Je '68.
- Moskovskii energoizbrazhivatel'skiy institut. [Reports of a scientific and technical conference on results of research work in 1965-1967. Section of automation, computers, and measurement techniques. Subsection of automatic and remote control] *Doklady Nauchno-tekhnicheskoy konferentsii po itogam nauchno-issledovatel'skikh rabot za 1965-1967 gody. Sektsiya avtomatiki, vychislitel'noy i izmeritel'noy tekhniki. Podsektoriya avtomatiki i telemekhaniki*. Moscow, Ch. I, Redaktory: A. V. Netushil', V. P. Boroditskiy, 1967, 266 p.
- New developments in automation in nonferrous metallurgy: present state and prospects. G. A. Zolotarev. *Pril. i statist. upr.* no. 10:46-52 O '67.
- Numerical method for constructing transient processes of systems with delay. B. S. Gateniuk. *Izv. vuz. ucheb. zav., elektronika* no. 6:698-699 Je '68.
- Optimality of special control systems. R. Gerasimov. *Pril. i statist. upr.* no. 10:99-101 Je '68.
- Optimization of the control system for a large project with a hierarchical structure. A. I. Chukhlov. *Kibernetika* 4 no. 3:384-390 My-Je '68.
- Parameter synthesis in a problem of analytical design of controllers. V. I. Tolakov. *Izv. AN SSSR, Tekh. kib.* no. 1:197-200 Ja-Je '68.
- Pneumatic control of acorn leaves. Viktor Matsek. *Vod. i san. tekhn.* no. 6:35-37 Je '68.
- Present state and development of work on algorithmization of production processes. V. V. Kazov, V. F. Kishchuk. *Inform. upr.* no. 6:1-4 N-D '67.
- Present-day means for the automation of processes in ferrous metallurgy. L. A. Charkovskiy. *Pril. i statist. upr.* no. 10:42-46 O '67.
- Principle of maximum for L. S. Pontryagin's extremals. B. Gerasimov, P. M. Kuznetsov. *Inform. upr.* 4 no. 6:363-372 Je '68.
- Probability of boundary attainment in a nonlinear automatic control system. G. V. Chirchikov. *Izv. AN SSSR, Tekh. kib.* no. 3:140-144 My-Je '68.
- Problem on the analytical design of controllers. A. A. Babitskiy. *Izv. AN SSSR, Tekh. kib.* no. 1:167-196 Ja-Je '68.
- Problems of automation of drilling rigs. K. F. Agayev. *Zh. tekhn. prog.* 3 no. 5:1-7 My '67.
- Protective barrier with remote control. S. I. A. Sobol'nikov. *Bezap. i bezop. prom.* 13 no. 4:51-52 Apr '68.
- Realization of principal operations of logically continuous quantities in systems with feedback. V. H. Ivonov. *Izv. AN SSSR, Tekh. kib.* no. 3:46-51 My-Je '68.
- Realization of two-channel invariance in automatic control systems. V. A. Turekhov. *Izv. vuz. ucheb. zav., prib.* 11 no. 1:28-37 '68.
- Reflection in the control logic of linear systems with incomplete information. L. A. Goltzher. *Mosk. zap. Univ. mat. i fiz. nauch.* 5 no. 4:3-13 '66.
- Remote control transmitter of displacements. I. S. Gering. *Sudostroeniye* 58 no. 3:63-65 Mr '68.
- Requirements of the signal selector of a double-cutoff relay program control system and the selection of the transfer number between channels. B. I. Moskalenko. *Izv. vuz. ucheb. zav., elektronika* no. 6:661-665 Je '68.
- Seminar "Algoritimizatsiya protseessov i avtomaticheskoye upravleniye." [Seminar "Algorithmization of production processes and reports"] Seminar "Algoritimizatsiya protseessov i avtomaticheskoye upravleniye." [Seminar "Algorithmization of production processes and reports"] Kiev, Vyp. 1, 1968, 102 p.
- Seminar "Teoriya (tehnicheskoy i nadezhnosty) kiberneticheskikh sistem." [Seminar "Theory of precision and reliability of cybernetic systems"] reports] Seminar "Teoriya (tehnicheskoy i nadezhnosty) kiberneticheskikh sistem." [Seminar "Theory of precision and reliability of cybernetic systems"] Kiev, Vyp. 1, 1967, 110 p.
- Sequential decomposition of abstract automata. A. N. Melnikov, I. S. Hershfeld. *Izv. AN SSSR, Tekh. kib.* no. 3:41-63 My-Je '68.
- Some principles of establishing classifications for materials. G. Khachatian. *Proy. i konstr.* 10 no. 12:34-36 '67.
- Some problems of the theory of network scheduling methods. I. P. Krivonozov. *Kibernetika* no. 2:15-32 Mr-Apr '68.
- Special features of transient processes in excited regulators. E. S. Achil'diev. *Trudy GIM* 23 no. 2: 31-34 '67.
- Sensitivity of probability automata. B. S. Kozlovskiy. *Kibernetika* no. 2:24-30 Mr-Apr '68.
- Stolichuk, Karl. [The automaton and man. Facts and hypotheses in cybernetics. Translated from the German] *Avtomat i chelovek. Kibernetika i filozofiya*. Pod red. V. I. Mudrova. Moscow, "Sov. radio," 1967, 493 p.
- Study of the dynamics of an automatic control system regulating the composition of a gas. A. I. Koslov. *Teplotekhnika* 15 no. 5:78-81 My '68.
- Synthesis of a class of response optimal high-order linear systems. V. K. Kuzovov. *Izv. AN SSSR, Tekh. kib.* no. 1:126-135 My-Je '68.
- Synthesis of pulse systems with varying parameters. I. V. Kostushin. *Izv. AN SSSR, Tekh. kib.* no. 3:111-121 My-Je '68.
- Testing of electronic stations for pH control and regulation. B. A. Ereminenko, B. G. Suvorov. *Trudy TSIS* no. 11:61-69 '62.
- Testing of electrodes for the control of pH volume under industrial conditions. B. A. Ereminenko, B. G. Suvorov, K. A. Barabashova. *Trudy TSIS* no. 11:55-61 '62.
- Testing the elements of the automatic control system of an evaporation plant. B. A. Ereminenko and others. *Trudy TSIS* no. 11:75-92 '62.
- Theory of probability automata. R. G. Bukharinov. *Kibernetika* no. 2:6-23 Mr-Apr '68.
- Thermal engineering instruments and means for industrial automation. V. V. Kerzhakov, A. P. Iurkevich, G. G. Jordan. *Pril. i statist. upr.* no. 10:28-30 O '67.
- Time variable spectra. G. V. Matyshev. *Izv. AN SSSR, Tekh. kib.* no. 3:122-127 My-Je '68.
- Two-channel signal restoring system with a dynamic adjustable model. P. F. Gerasimovskiy, V. G. Dzhetskiy. *Izv. vuz. ucheb. zav., elektronika* no. 6:676-683 Je '68.
- Use of asymptotic methods in analyzing nonlinear systems with input delay. S. A. Ilyash, V. A. Boshkov. *Inform. upr.* 4 no. 3:34-36 My-Je '68.
- Use of automatic computers in analyzing speed regulatory processes of electric motors with controlled mechanical controllers. V. T. Kuznetsovskiy, V. A. Mironov. *Izv. vuz. ucheb. zav., prib.* 11 no. 1:12-16 '68.
- Use of phase stability sensitivity reserve in the design of automatic control systems. A. M. Gerasimov, V. N. Mefodiev. *Izv. vuz. ucheb. zav., prib.* 11 no. 1:37-47 '68.
- Use of some structural theory of functional methods in the solution of a problem in quality control. B. I. Golubov. *Izv. AN SSSR, Tekh. kib.* no. 1:176-180 Ja-Je '68.
- Use of the dynamic programming method for the optimization of a linear electric power plant operation during the original filling time of an emergency storage reservoir. G. I. Gidulov. *Pril. i statist. upr.* no. 10:34-36 O '67.
- Use of the root locus method in the determination of the parameters of self-maintenance of one channel of nonlinear systems with nonlinearity. L. S. Gerasimov. *Izv. vuz. ucheb. zav., prib.* 11 no. 1:30-31 '68.
- Using electronic computers in designing structural elements for rural buildings. V. M. Belitskiy, V. K. Khut. *Bel. i zh. bel.* 14 no. 3:32-33 Mr '68.
- Using mathematical methods in the design of ships. A. A. Radionov, M. S. Truh. *Sudostroeniye* 58 no. 3: 70 Mr '68.
- Values of a linear form over a set of automata. B. A. Suvorov. *Inform. upr.* 4 no. 2:50-61 Mr-Apr '68.
- Vibration pickups. 34th scientific conference. L. S. Gerasimov, I. D. Nuskov. *Izv. VNIIG* 75:194-201 '68.
- Zakharov, V. K. [Electronic elements of automatic control] *Elektronnyye elementy avtomatiki*. Leningrad, "Energiya," 1967, 352 p.
- 621.011(471.62)—Kuznetsov, T. P. Theory of an APM-type automata. B. A. Ereminenko, B. I. Ivonov. *Trudy TSIS* no. 11:69-65 '62.
- Testing the automation of a continuous liquid level action system. B. A. Ereminenko, B. I. Ivonov, A. I. Shumakov. *Trudy TSIS* no. 11:11-14 '62.
- 621.011(477)—Ukrainian S. N. I. Testing the automation of a continuous volume-type diffractor. B. A. Ereminenko, A. I. Shumakov, B. I. Ivonov. *Trudy TSIS* no. 11:15-16 '62.
- Testing the automation of a continuous state diffractor. B. A. Ereminenko, B. I. Ivonov, A. I. Shumakov. *Trudy TSIS* no. 11:17-18 '62.
- 621.011(470.25)—Arutunyan S. N. I. New assembly line for detector and transmitting units. G. Avetisyan, G. Hachnuni. *Mosk. bul. SSSR* 36 no. 3:9-10 Mr '68.
- 621.011(474)—Kuznetsov, T. P. Influence of the mechanization and automation of production on the composition and number of industrial workers. N. G. Bul'shteyn. *Problemy ekonom. kibernet.* no. 3:69-91 '67.
- 621.03 Physical engineering and technological principles. Experimental multi-type reactor and some results of its start. I. N. Sokolov and others. *Trudy energob. i zh. 6:62-67 My '68.*
- On the nature of discharges in fluids. G. A. Bopp. *Trudy MIT* no. 207:144-147 '66.
- Optical characterization of plasma in the channel of pulsed discharge in liquids. G. A. Bopp. *Trudy MIT* no. 212: 110-113 '68.
- Pulsation of the interlamellar electric motive force in direct on-line generators with multiphase induction windings. B. V. Gerasimov. *Trudy TSIS* 11:53 no. 1:53-72 '68.
- Selecting an efficient plan for detecting and mapping the alignment of direct transmission with a parallel coupling of electric traction motors. L. K. Filippov, B. A. Mikheevich, R. A. Shumakov. *Trudy TSIS* 11:53 no. 1:83-111 '68.
- 621.030 Nuclear technology. Nuclear and atomic energy. Analysis of the spectrum of polarized neutrons by means of constant magnetic fields. G. M. Drabkin, V. A. Trunov, V. V. Rukov. *Zhurn. eksp. i teor. fiz.* 54 no. 2: 302-306 P '68.
- Calculating the transient conditions of a steam generator by means of digital computers. M. P. Golovinskiy. *Atom. energ.* 24 no. 6:364-36 '68.
- Characteristic parameters of reactions used in physical research. A. A. Lyubskiy, B. V. Rukov. *Atom. energ.* 24 no. 1:52-54 J '68.
- Characteristics of spectral and angular distributions of gamma radiation in a nuclear explosion. I. V. Gerasimov, B. K. Gudovnik. *Atom. energ.* 24 no. 1:10-11 J '68.
- Description of the damping of the neutron radiation from a nuclear reactor by multilayer biological shielding using a multigroup model in diffusion approximation. V. A. Naumov. *Vestnik AN SSSR, Ser. fiz.-tekhn. nauch.* no. 1:26-37 '65.
- Effect of isotopic substitution on the viscosity of gases. N. T. Monabde. *Atom. energ.* 25 no. 1:13-14 J '68.
- Effect of surface boiling on the accumulation intensity of gas oil decomposition products. T. P. Buganov, G. I. Utkin. *Atom. energ.* 26 no. 1:18-21 J '68.

- Rezh. i khimkoi. na parosil. ust. no. 2:80-111 '66.
- Reliability of steamplant metal beyond the calculated life. E. I. Krut'sova, T. M. Talova. *Elek. sta.* 39 no. 2: 15-19 F '68.
- Reliability of superheaters of present-day boilers. M. V. Mikhlin. *Elek. sta.* 39 no. 2:12-15 F '68.
- Removal of organic substances from natural waters. E. I. Kozlovskiy and others. *Teplotekhnika* 15 no. 3:58-61 Mr '68.
- Results of A. A. Gogolev and E. V. Osipovskiy's article "Flange coupling of high-pressure heaters with monobrass seals." V. M. Ioffe. *Elek. sta.* 39 no. 6:86-90 F '68.
- Reinforcement of a reinforced concrete foundation of a turbine unit using compounds with epoxy resin base. K. N. Krasulin and others. *Elek. sta.* 39 no. 8:73-81 Ag '68.
- Results of tests of the K-25-00 turbine in a central heating back-pressure mode. N. P. Volkov and others. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5:42-46 My '68.
- Sealing of sea water for use in evaporators and steam boilers. I. Z. Makinskii. *Vodopod., vod. rezh. i khimkoi. na parosil. ust.* no. 2:124-131 '66.
- Stability of the structure and properties of the metal of a superheater pipes from K1018N2T steel. V. N. Gultsev, N. D. Lebedeva. *Elek. sta.* 39 no. 6:21-24 Jo '68.
- Some characteristics of the PE 600-300 feed pump with a hydraulic clutch in a 300 Mw block. A. N. Turkin. *Elek. sta.* 39 no. 8:44-48 Ag '68.
- Surge jumps in packings in the wet steam zone. V. I. Stepanchuk, G. A. Salhanov. *Teplotekhnika* 15 no. 5: 22-28 My '68.
- Study of the automatic control system of the load of a 200 Mw. block with disturbance by a fixed load value. B. I. Ievlev, L. N. Cherkalova. *Teplotekhnika* 15 no. 3:8-11 Mr '68.
- Study of the dynamics of an automatic control system regulating the temperature of steam. A. I. Noskov. *Teplotekhnika* 15 no. 5:78-81 My '68.
- Study of the efficiency of T-12-35 turbines in different operating modes. B. A. Tikhonov. *Elek. sta.* 39 no. 2: 33-36 F '68.
- Study of the properties of Mn-Cr-Mo-V in austenitic steel. V. N. Gultsev, I. N. Tsybina. *Teplotekhnika* 10 no. 5:48-51 My '68.
- Study of the stressed state of the walls of the drum of a high-pressure boiler. D. P. Elizarov, S. I. Isha, I. P. Gerzhoi. *Elek. sta.* 39 no. 2:23-28 F '68.
- Study of the thermal state of the rotor of steam turbines in transient modes of operation. O. T. Tikhonko. *Teplotekhnika* 16 no. 5:2-9 My '68.
- Studying the sprinkler heads for water cooling towers. V. A. Glazkov, R. A. Barminkov. *Trudy VODGEO* 10 no. 10:57-58 '67.
- Television system for checking internal surfaces of boiler pipes. A. S. Kozman, V. P. Kuznetsov. *Elek. sta.* 39 no. 8:74-75 Ag '68.
- Terminal losses in nozzle turbine nozzles at large subsonic and supersonic velocities. A. I. Kirillov, A. P. Pavlov. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5: 47-51 My '68.
- Thermal conditions of convective stage of the superheater of the PK-24 boiler. V. V. Chubnikov, L. I. Urbanovich. *Elek. sta.* 39 no. 8:18-21 Jo '68.
- Throttle device for feed pumps. V. Z. Klomenduk. *Energ. tekhnika* 16 no. 2:19 F '68.
- Use of a pit-metal in a water treatment system. F. P. Ropka. *Energ. tekhnika* 16 no. 2:16-17 F '68.
- Use of saw dust in the removal of iron from industrial condensates. S. I. A. Gryk, I. A. Briganekii. *Energ. tekhnika* 16 no. 2:17-18 F '68.
- Use of surface-active additive in order to increase the stability of concrete in water-cooling towers. M. I. Khizerovich, M. A. Elion. *Dokl. i zh. i. bel.* 13 no. 1: 13-16 Ja '67.
- Use of surface active substances for prevention of scale formation in evaporators. O. L. Laventov. *Trudy VODGEO* no. 8:25-29 '64.
- Water conditions of the Novo-Varenzh Atomic Power Plant. A. A. Kot and others. *Elek. sta.* 39 no. 8:41-44 Ag '68.
- Water requirements in steam power units. M. S. Shkrob, I. V. Zelenkovich. *Vodopod., vod. rezh. i khimkoi. na parosil. ust.* no. 2:8-22 '66.
- 621.22 Water power. Utilization of hydraulic energy
- Accuracy of the experimental determination of power characteristics in hydropower units. V. D. Urin. *Gidr. stroit.* 36 no. 8:36-39 Ag '68.
- Automatization of reversible hydroelectric generators. M. V. Derzhko. *Izv. vuz. ucheb. zav.; energ.* 11 no. 8: 98-102 Jo '68.
- Calculating the acceleration of a system with a torque converter. I. A. Kurzel'. *Vost. mashinost.* 48 no. 5: 27-29 My '68.
- R. K. Polikovskii. Lit. protzv. no. 1:44 Ja '68.
- Faults in the construction of RO 45/681-V-type hydraulic turbines. D. A. Val'tsifer, L. I. Margulis, Z. I. Khosin. *Elek. sta.* 39 no. 3:76-80 Mr '68.
- Hydraulic giants model G-13A with a controlled speed of rotation. V. Shchorkakov, O. Kozlov. *Rech. transp.* 27 no. 5:30 My '68.
- On contamination of hydraulic systems. A. A. Gushchik, G. A. Nikitin, I. U. S. Golovko. *Vost. mashinost.* 48 no. 5:32-34 My '68.
- Optimization of time between periodic overhauls of hydraulic turbines. G. Danilets. *Pront. Arm.* 10 no. 12:30-33 '67.
- Problems of the operation of a horizontal encapsulated hydroelectric generator. A. N. Anchukov. *Elek. sta.* 39 no. 3:74-78 Mr '68.
- Studying the flow in a bell-type draft tube of a hydro-turbine. D. A. Bularev, A. N. Karsanov. *Gidr. stroit.* 38 no. 5:12-14 My '68.
- Using polymeric materials for restoration of damaged turbine draft tube. G. Kh. Tkhvashvili, M. I. Tondilashvili. *Gidr. stroit.* 37 no. 1:30-31 Ja '67.
- Water power resources of the U. S. S. R. and their use. V. A. Baranov, V. I. Vozdvizhenskii. *Gidr. stroit.* 37 no. 1:1-9 Ja '67.
- 621.22(470)—Caucasus and Transcaucasia
- Nondestructive features of the annual runoff of a series of large rivers of Transcaucasia as applied to problems in hydraulic engineering. S. M. Moschach. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5:86-92 My '68.
- 621.3 Electrical engineering
- Adjustable a.c. drive for a pumping jack. K. N. Kulizhdo, I. E. Khakiki, R. M. Asadullazade. *Za tekhn. prog.* 8 no. 1:25-26 Ja '68.
- Analysis and calculation of measuring phase-shift devices. Z. B. Tkhvashvili, I. I. Artukhova. *Za tekhn. prog.* 8 no. 3:17-21 Mr '68.
- Analysis of circuits with piecewise linear elements. I. V. Bentlov. *Kibernetika* no. 2:53-58 Mr-Apr '68.
- Analytical study of an automatic loop control system of machines for irreversible cutting of rolled steel. Z. A. Lur'e. *Izv. vuz. ucheb. zav.; elektromekh.* no. 6:628-633 Jo '68.
- Atabekov, V. B. [High-voltage equipment] *Vyskovol'tnyye apparaty*. Izd. 2-o, pererabot. i dop. Moskva, Stroitel', 1967, 284 p.
- Branch rating, dynamic system of quality control in electrical engineering. I. U. Nikitin, A. B. Kubyshov. *Elektrotehnika* 39 no. 4:58-60 Ap '68.
- Calculation of electromechanical transitions using digital computers. S. V. Strakhev, G. L. Epshstein. *Elektrichestvo* no. 2:78-79 F '68.
- Calculation of the field of scattering of ferrite nodules. E. N. Langvagon. *Izv. vuz. ucheb. zav.; elektromekh.* no. 4:410-443 Ap '68.
- Calculation of the reliability of logical devices using noncontact serial elements. O. A. Sudykh, V. A. Khramov. *Pril. i sist. upr.* no. 1:1-6 Ja '68.
- Change of the cooling system of the VUTQ-3000 semiconductor rectifying unit. S. A. Iakovlev, S. I. Uryk. *Elek. sta.* 39 no. 8:79-81 Ag '68.
- Characteristics of the electronic machines for measuring the pattern surface of shoe parts. V. N. Ivgratov. *Kozh. -obuv. prom.* 10 no. 3:22-26 Mr '68.
- Complete the five year plan before November 7, 1970. *Elektrotehnika* 39 no. 4:59-60 Ap '68.
- Coverage of the maximal current protection in mine electric networks. I. A. S. Riman. *Bozop. truda v prom.* 12 no. 4:13-14 Ap '68.
- Determination of short-circuited turns of coils during the winding process. V. F. Sulfin, F. K. Safonov. *Elektrotehnika* 39 no. 7:47-49 Ji '68.
- Determination of the area of application of regulated and non-regulated transverse compensation batteries at a.c. traction substations. I. A. German. *Trudy MII* no. 201:127-139 '68.
- Developing a gauge for measuring the interface level of two fluids in the settling zone of a reactor when extracting isobutylene by the sulfuric acid method. V. P. Stepanov and others. *Za tekhn. prog.* 8 no. 1:6-9 Ja '68.
- Device for the physical modeling of a transient short-circuit current. A. D. Dvazov, D. A. Korobovskiy, S. I. Kuzhekov. *Elek. sta.* 39 no. 8:81-83 Ag '68.
- Dielectric relaxation in 1-butanol and 2-butanol at high pressures. I. U. A. Ananov, M. I. Shakhmurovov. *Dokl. AN SSSR* 179 no. 3:614-616 Mr '68.
- Disruptive forces of welded connectors. V. E. Reshetnikov. *Elektrotehnika* 39 no. 4:35-38 Ap '68.
- Dissertations for the degree of Candidate of Technical Sciences. A. S. Sergeev. *Elektrichestvo* no. 4:102-93 Ap '68.
- Electrochemical initiation of the polymerization of methyl methacrylate in water-glycol solution. M. S. Tsvetkov, I. F. Kovalchuk. *Vzmyk. i. v. m. Ser. khim.* no. 3: 24-27 '66.
- Error in measuring well azimuth during electric drilling when using the system of two cables and a pipe. R. L. Alaov, M. E. Fridman. *Izv. vuz. ucheb. zav.; neti i gaz* 11 no. 4:93-96 '68.
- Evaluation of electric properties of traction motor brushes. A. B. Chernov, I. Kozlov. *Trudy MII* no. 267: 87-94 '68.
- Evaluation of reliability indices of the elements of power systems using heterogeneous information. V. V. Mikhailov, V. I. Eidel'man. *Elektrichestvo* no. 4:1-4 Ap '68.
- Evaluation of the adhesion of electric insulating coatings to metals. V. E. Baulin, N. P. Avshin, I. Kozlovskiy, I. I. Kh. pr. no. 2:40-47 '68.
- Form of a formula expressing the dependence of unit losses in electrical steel on the amplitude of magnetic induction and frequency of the current. I. I. Zeldin. *Elektrichestvo* no. 3:81-83 Mr '68.
- Gulyevskii, M. V. [Calculation and design of elements and systems used in electrical equipment in aviation] *Raschet i projektirovaniye elementov i sistem avialionnoy tekhnicheskoy apparatury*. Izd. 1-o, I. U. A. Popov. Moskva, Tekhnika, 1967, 132 p.
- Ch. 3. [Emergency conditions and calculation of short-circuit currents in electrical systems of aircraft] *Avialionnyye usloviya razvitiya i raschet tokov korotkogo замыкания электрических систем летательных аппаратов*. 1967, 132 p.
- In order to have safe landing. V. Andreyev. *Otkry. truda i neti stroit.* 11 no. 4:7-9 An '68.
- Increasing the speed of digital tracking autocompensators with the use of discharge elements. T. M. Aliev, M. I. Dabarov. *Za tekhn. prog.* 8 no. 5:1-3 My '68.
- International exhibition "Interbizmach-68." *Elektr. tekhnika* 39 no. 4:9 Ap '68.
- Invariant systems for power regulation of d.c. ship propulsion units. B. P. Kuzmin, M. S. Volevskiy. *Izv. vuz. ucheb. zav.; elektromekh.* no. 6:671-677 Jo '68.
- Layout and form of radioelectronic equipment. V. Fedorov. *Tekhn. est.* 6 no. 3:10-10 Ap '68.
- Meetings, conferences, seminars, and exhibitions held in 1968 on various problems of the electrical equipment industry. *Elektrotehnika* 39 no. 4:60 Ap '68.
- Method for burning out damaged and defective insulation in cable lines. S. G. Bychkovskiy, V. I. Khramov. *Pront. energ.* 23 no. 6:23-29 My '68.
- Mobile high-frequency machine meter for powders. B. M. Rabinov, I. U. E. Kirelsanok, A. A. Mankarukho. *Khim. prom. Ukr.* no. 1:26-28 Ja-F '68.
- Moskovskii energoel'ektricheskii institut. [Reports of a scientific and technical conference on results of research work in 1960-1967. Section of electromechanics. Subsection of electric equipment design] *Doklady Nauchno-tekhnicheskoi konferentsii po itogam nauchnoissledovatel'skikh rabot za 1960-1967 gody. Sektsiya elektromekhanicheskoi. Podseksiya elektroprikladnoy stroitel'stva*. Red. O. V. Bulkovich. Moskva, 1967, 108 p.
- Moskovskii energoel'ektricheskii institut. [Reports of a scientific and technical conference on results of research work in 1960-1967. Section of power machinery construction. Subsection of steam generator construction] *Doklady nauchno-tekhnicheskoi konferentsii po itogam nauchnoissledovatel'skikh rabot za 1960-1967 gody. Sektsiya energomashinostroi'tel'stva. Podseksiya parogenerirovaniya*. Red. A. P. Kovalov. Moskva, 1967, 264 p.
- Motors needed for the electric drives of papermaking machines. G. P. Palsol. *Pront. prom.* no. 3:17-18 Mr '68.
- Nomogram for computing voltages in optical and polarization studios. Sh. M. Aliev, T. U. Agayev. *Za tekhn. prog.* 8 no. 1:31-32 Ja '68.
- Oshchepkov, P. K. [Life and streams. Notes of an engineer, inventor, designer, and scientist] *Zhizn' i mekha. Znaki iznashora i zvezdatel'stva, konstruktory i inzhnery*. [Moskva, "Mosk. rabochii," 1967, 294 p.
- Parameters of a forced discharge in the air at atmospheric pressures. N. D. Bogdanova, V. I. Popkov. *Izv. AN SSSR. Energ. i transp.* no. 1:70-87 Ja-F '68.
- Performance of transistor operational amplifiers in the electric drives of papermaking machines. V. I. Kravtsov, A. A. Shilepnikov. *Pront. prom.* no. 3:13-14 Mr '68.

61.3 (Continued)

Technical Education of the Public in electric power.

M. I. E. 40. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

Technical education of the public in electric power. *Izv. AN SSSR, Energ. i transp.* no. 1:27-128 Ja '68.

621.31(477.68)—Transcarpathia

Vasylyev, H. A., and I. T. Dashenko. [Electric power engineering in Transcarpathia.] *Elektronenergetika Zakarpattia. Izhborod, "Karpaly,"* 1987.

621.31(479)—Caucasus and Transcaucasia

Equation: circuits of electric power systems of Transcaucasia. F. G. Guseinov, I. E. Bragimov. *Za tekhn. prog.* 3 no. 5:8-10 May '63.

621.31(479.24)—Azerbaijan S.S.R.

Electric power engineering and its role in the electrification of Azerbaijan. F. G. Guseinov. *Za tekhn. prog.* 3 no. 10:12 K '67.

621.311 Power generation, supply. Power stations

Algorithm for registering the angle voltages of complex electrical systems. G. T. Adasov, R. A. Amilshin. *Elektricheskoye stroitel'stvo* no. 3:76-78 Mr '68.

Automation of low-pressure hydroelectric power stations with encapsulated generators. S. I. Palashchik. *Elektr. sta.* 39 no. 3:76-76 Mr '68.

Bessonov, A. A., and V. A. Sivakov. [Automatic failure indicators.] *Avtomaticheskoye indikatornoye oborudovaniye. Leningrad, "Energiya,"* 1987. 89 p. (B-ka po avtomatike. Vyp. 200).

Center of a network. A. E. Kazhdan. *Izv. vyz. ucheb. zav. i elektromekhn.* no. 3:275-327 Al '68.

Change in the average period between repairs of hydraulic turbine and generator units. M. A. Mezhibitskiy, I. S. Udelevich. *Elektr. sta.* 39 no. 6:46-48 Ja '68.

Developing power engineering and electrification in the U.S.S.R. A. Pavlenko, *Plan. i ekonom. razv.* 44 no. 6:3-0 Ag '68.

Dynamics of the regulation of transfer power in power systems with presence of steam turbine blocks. V. A. Ivanov, V. A. Kalenik. *Izv. vyz. ucheb. zav. i energ.* 11 no. 6:54-59 Je '68.

Economic basis for the selection of thermal networks of power regenerative systems. A. T. Kurnosov. *Izv. vyz. ucheb. zav. i energ.* 11 no. 6:46-53 Ja '68.

Economy of water in the economy of electric power. M. A. Alekshchenko. *Primen. energ.* 23 no. 5:11-12 May '68.

Effect of the homogeneity of electrical loads on the quality of electric power. I. A. D. Barkan. *Elektricheskoye stroitel'stvo* no. 2:55-58 F '68.

Effectiveness of 10 kw. power supply to large-scale irrigation systems. A. G. Bobov, V. G. Zhuravlev. *Elektr. sta.* 39 no. 2:61-63 F '68.

Electric power distribution in areas with air pollution. A. A. Evimov. *Primen. energ.* 23 no. 5:30-31 May '68.

[Electric power production and utilization in foreign countries; supplement to the periodical "Elektricheskoye stroitel'stvo." *Energoboozrazh.* no. 3, My '68.

Equivalent representation of electric power stations with some adjoining points in the mode of small oscillations. E. G. Sulitskiy. *Za tekhn. prog.* 8 no. 1:20-22 Ap '68.

Expediency of using large turbine units with intermediate steam supplying in centralized heat supply and thermal electric power plants. B. S. Il'minskiy and others. *Teploenergetika* 15 no. 3:11-16 Mr '68.

Experience in the design and operation of block units with winding turbine steam pressure in the United States and in German Federal Republic. V. L. Gurel'skiy, E. I. Sklovskiy. *Teploenergetika* 13 no. 3:66-69 Mr '68.

Experience in the operation of semiconductor rectifying units. L. A. Petrukevich, V. I. Makarov. *Primen. energ.* 22 no. 5:10-20 May '68.

Experience in the reduction of personnel in electric power plants. N. V. Kikilashvili. *Energetika* no. 2:14-15 F '68.

GT-25-700 gas turbine system of an isolated station. I. T. Bostaty. *Elektr. sta.* 39 no. 2:19-23 F '68.

Increase the reliability and efficiency of electric power supply of open pit mines. B. N. Kostenko. *Primen. energ.* 23 no. 5:14-16 May '68.

Instructions on structural design of thermal electric power plants. *Ukazaniya po stroitel'stvo proektirovaniyu teplovykh elektrostaniy.* SV 372-67. Izd. of the U.S.S.R. Ministry of Power, Moscow, Stroitel'stvo, 1968. 71 p.

[Instructions on the determination of the structure and scope of engineering surveys in the designing of thermal electric power plants.] *Instruktsiya po opredeleniyu sostava i ob'ema inzhenernykh izyskaniy pri proektirovani teplovykh elektritcheskikh stantsiy.* Lit. 23/XII 1966 g. Moskva, "Energiya," 1968. 120 p.

International Forum of Power Engineers. A. M. Maronov. *Elektr. sta.* 39 no. 8:9-13 Ag '68.

Investigation of operational parameters and characteristics of diesel locomotive and acid storage batteries. E. V. Yanovskiy, V. A. Kosheva. *Trudy TSNIITS* no. 349:112-138 '66.

Is it expedient to separate repair operations into general and running maintenance in the repair of the equipment of electric power plants. G. N. Astashevskiy. *Energetika* 16 no. 3:41-42 F '68.

Letter to the editor. A. E. Gel'man, L. N. Molosova. *Izv. AN SSSR, Energ. i transp.* no. 1:169-180 Ja '68.

Marine electric power plants with waste heat turbo- and shaft generators. E. P. Iudenko. *Sudostroeniye* 58 no. 3:43-45 Mr '68.

Methodology for calculational evaluation of the level of power and energy losses on corona on overhead lines with superhigh voltages. V. I. Lavilov, V. I. Popkov. *Izv. AN SSSR, Energ. i transp.* no. 1:85-76 Ja '68.

Methodology for optimal control of the equipment of state regional electric power plants during the process of secondary regulation. E. B. Akhmedov, V. V. Petrov. *Izv. AN SSSR, Energ. i transp.* no. 1:49-55 Ja '68.

Methods for calculating energy losses in electric power distribution networks. B. I. Karyev, V. I. Akhmedov. *Elektricheskoye stroitel'stvo* no. 4:16-20 Ap '68.

Operation of a substation with one 110/10 kv. transformer. A. P. Kuramir, A. P. Zakharov. *Elektr. sta.* 39 no. 6:82-83 Je '68.

Separative distribution of active power in electric power systems. M. N. Alexeev and others. *Za tekhn. prog.* 8 no. 4:14-17 Ap '68.

Optimal planning method for repairing lines of electric power stations. E. G. Guseinov, I. E. Bragimov. *Za tekhn. prog.* 8 no. 4:14-17 Ap '68.

Optimum methods for keeping in reserve a power station in large unit electric power stations. E. G. Guseinov, N. K. Solovov. *Za tekhn. prog.* 8 no. 4:14-17 Ap '68.

Overall minimization of electric power plants to the system as an immediate objective for power engineering. E. G. Guseinov and others. *Elektricheskoye stroitel'stvo* no. 4:16-20 Ap '68.

Parabolic approximation of a magnetization curve. I. E. Bragimov. *Izv. AN SSSR, Energ. i transp.* no. 1:161-164 Ja '68.

[Power construction in foreign countries; supplement to the periodical "Elektricheskoye stroitel'stvo." *Energoboozrazh.* no. 3, My '68.

Power engineering and its future development in the U.S.S.R. V. I. Zhdanov, A. M. Solovov, A. I. Zhdanov. *Primen. energ.* 23 no. 5:11-12 May '68.

Preparing serial production of alloy steel. *Trudy Tsentral'nogo nauchno-issledovatskogo instituta po upravleniyu proizvodstvom.* V. V. Poshchukov. *Trudy Tsentral'nogo nauchno-issledovatskogo instituta po upravleniyu proizvodstvom.* 1967. 134 p.

Prevention of corrosion in a high-pressure steam turbine plant. B. N. Kizyashnikov. *Elektr. sta.* 39 no. 7:70-71 Mr '68.

Probability evaluation of reliability in the project of a system of electrical connections. S. V. G. Guseinov. *Elektr. sta.* 39 no. 6:52-53 Ja '68.

Problems of the regulation of personnel in electric power systems. V. A. Ivanov. *Elektr. sta.* 39 no. 2:10-11 F '68.

Program for evaluating alternatives in the development of electric networks with high level of automation. A. I. Kurnosov, M. B. Levin, L. I. Zhdanov. *Elektricheskoye stroitel'stvo* no. 4:16-20 Ap '68.

Promising system of potential for electric power supply of rural districts. A. P. Kuramir. *Elektricheskoye stroitel'stvo* no. 2:85-86 F '68.

Prospect for determining static load characteristics of nonlinear multibranched distribution networks. I. A. Kurnosov, I. I. Kurnosov. *Elektricheskoye stroitel'stvo* no. 4:16-20 Ap '68.

Purification and utilization of mineral bearing waste water in thermal electric power plants. I. P. Il'minskiy. *Elektr. sta.* 39 no. 6:44-46 Ja '68.

Rated loads of municipal electrical networks with potentials exceeding 1000 volts. H. A. Pashin. *Elektricheskoye stroitel'stvo* no. 2:45-52 F '68.

Real time program control of an electric power plant. G. V. Merkulov. *Elektr. sta.* 39 no. 2:61-63 F '68.

Reducing the cost of construction of rural electric power networks. I. Kurnosov, I. I. Kurnosov. *Elektricheskoye stroitel'stvo* no. 4:16-20 Ap '68.

Selection of a method for analyzing transients in a minimum electrical system. V. I. Kurnosov. *Izv. AN SSSR, Energ. i transp.* no. 1:161-180 Ja '68.

Self-start of electric motors supplying lateral loads of block-type electric power plants with 110 kv. A. M. Il'minskiy, A. T. Iudenko. *Elektr. sta.* 39 no. 2:61-63 F '68.

Seventh Congress of the World Power Conference. *Trudy Tsentral'nogo nauchno-issledovatskogo instituta po upravleniyu proizvodstvom.* 1967. 134 p.

Seventh World Conference on Power Engineering. *Elektricheskoye stroitel'stvo* no. 2:101 F '68.

Soviet World Power Engineering Conference. *Elektricheskoye stroitel'stvo* no. 2:101 F '68.

Signaling of faults in a substation using communication channels without multiplexing. M. I. Novozhenko. *Elektr. sta.* 39 no. 2:61-63 F '68.

Simplified methods for engineering and economic calculations of the electrical connections of the electrical systems of electric power plants. E. I. Solovov. *Elektr. sta.* 39 no. 2:42-48 F '68.

Some characteristics of a regulated static source of reactive power interacting with electric connection of rectifiers. H. I. Iyzychev. *Izv. AN SSSR, Energ. i transp.* no. 1:101-111 Ja '68.

Starting of a 300 Mw. block from various thermal states. S. I. Kurnosov and others. *Teploenergetika* 15 no. 3:11-16 Mr '68.

Statistical coordination of the characteristics of various and protective equipment of power transmission lines with superhigh voltages. K. I. Kurnosov, A. V. Kostenko, M. I. Lavilovskiy. *Izv. AN SSSR, Energ. i transp.* no. 1:80-100 Ja '68.

Statistical probability evaluation of the economic effect of operational automatic control equipment. V. N. Solovov. *Elektr. sta.* 39 no. 6:49-52 Ja '68.

Steady-state stability of electrical loads. V. G. Kurnosov. *Elektricheskoye stroitel'stvo* no. 4:21-24 Ap '68.

Structure of rated expenditures of developing power plants and systems. D. S. Shchegolev. *Izv. vyz. ucheb. zav. i energ.* 11 no. 6:54-59 Je '68.

Technical and economic conditions for the gas turbine equipment of hydroelectric power station repairs. I. I. Kurnosov. *Gidrot. i stroit.* 39 no. 12:8-10 D '67.

Theoretical principles of the calculation of the loss of a power system presented by a group of traction substations. S. E. Kozin. *Izv. vyz. ucheb. zav. i energ.* 11 no. 5:8-14 May '68.

Through the pages of trade journals. *Primen. energ.* 23 no. 5:11-12 May '68.

Use of mathematical modeling in the optimization of the development of power systems. H. I. Syrov. *Izv. AN SSSR, Energ. i transp.* no. 1:31-48 Ja '68.

Voltage regulation of switchable converters on electrified railroad lines with the aid of thyristors. S. R. Zosulin, G. S. Kashtin, V. V. Perlov. *Trudy AIT* no. 207, 15-19 '68.

Water conditions of the Novo-Voronovskaya Power Plant. A. A. Kot and others. *Elek. sta.* 39 no. 4:41-44 '68.

Water requirements in steam power units. M. S. Shkrob, M. V. Zerkovskiy, V. G. Zerkovskiy, V. G. Zerkovskiy, V. G. Zerkovskiy. *Trudy AIT* no. 207, 15-19 '68.

621, 311(476)—White Russian S. S. R.
To the preparation system with a fan-equipped mill attached to the boiler of the Belorusskaya State Regional Electric Power Plant. V. H. Dushak and others. *Trudy AIT* no. 19 no. 12:34-35 '67.

621, 311(470, 24)—Azerbaijan S. S. R.
Studying the corrosion of Si-3 steel in the water of the Kura River in the region of the Mingcheur Hydroelectric Power Station. A. A. Sefid, R. A. Zamanov, M. Z. Sakhalov. *Za tekhn. prog.* 6 no. 1:17-19 Ap '68.

621, 311(470, 25)—Armenian S. S. R.
Determining the structure of a power system based on the Armenian power system. L. Tumanian, P. G. Aram. *Trudy AIT* no. 24:1-16 '68.

621,313 Electric machines, generators, motors
Active resistance of the excitation winding of a salient-pole rotor to currents with different frequencies. N. S. Barsigian. *Elektricheskaya* 30 no. 4:43-45 Ap '68.

Additional losses in a frame-type magnetohydrodynamic channel. B. H. Volchek, H. I. Anisovskiy, Izv. AN SSSR, *Engng. Transp.* no. 1:142-147 Ja '68.

Additional losses in the stator baffle of three-phase electrical machines. A. R. Chiruvetskiy. *Elektricheskaya* no. 4:73-75 Mr '68.

Airport weight of an airplane generator. D. I. Zaslavskiy. *Elektricheskaya* 39 no. 4:1-5 Ap '68.

Analysis of some phenomena and experience in the operation of turbogenerators with 150, 000, 200, 000 kw power ratings. I. A. S. Chiruvetskiy. *Engng. Transp.* no. 2:8-11 F '68.

Analytical study of steady-state conditions of a regulated asynchronous electric drive. M. Z. Kiminikhin, A. A. Kiminikhin. *Elektricheskaya* no. 2:8-13 F '68.

Asynchronous motors with change in pole number by a phase superposition technique. H. M. Gritsberg. *Elektricheskaya* 39 no. 4:10-22 Ap '68.

Automation of drives and of the control of machines. Avtomatizatsiya privoda i upravleniya mashin. Moskva, Nauka, 1967, 316 p.

Buffer systems of d. c. drives using thyristors with series excited motors. P. A. Sofronov, M. I. Kiminikhin. *Elektricheskaya* no. 2:30-45 F '68.

Calculating static characteristics of combined propulsion systems. V. P. Esakov, H. S. Samoilov. *Sudostroenie* 59 no. 3:40-42 Mr '68.

Calculation of inductive impedances and short-circuit current of asynchronous generators with permanent magnets. I. Z. Kolomykov. *Izv. vys. ucheb. zav., elektromekh.* no. 4:407-411 Ap '68.

Calculation of statistical characteristics of nonsymmetrical asynchronous machines with nonsinusoidal supply voltage. I. P. Kopylov, O. P. Shchegolev, P. I. Jando. *Elektricheskaya* 30 no. 4:10-19 Ap '68.

Calculation of the characteristics of anti-type brushless synchronous generators with mixed excitation. L. M. Palashin. *Elektricheskaya* no. 4:42-48 Ap '68.

Calculation of the magnetic circuit of a synchronous motor with permanent magnets. E. A. Tokachev. *Elektricheskaya* 39 no. 4:50-52 Ap '68.

Certain characteristics of the automation of preliminary synchronization. V. N. Kovalskiy. *Sudostroenie* 58 no. 3:38-39 Mr '68.

Change of the gas cooling system of a turbogenerator. O. I. Vigdorovich. *Elek. sta.* 39 no. 2:81-82 F '68.

Changes in external characteristics of type ND generators applicable to deposition welding in a protective gas medium. L. I. Mironov. *Zap. VSEKH* 10n:213-219 '67.

Comparative analysis of regulatory characteristics of synchronous, reactive and asynchronous electric motors with frequency control. P. A. Sofronov, E. M. Ushakov, V. S. Bogachevskiy. *Izv. vys. ucheb. zav., elektromekh.* no. 4:308-309 Ap '68.

Control networks of reversing electric drives using semiconductor elements with p-n-p-n structure. *Prib. i sist. upr.* no. 2:41-43 F '68.

Control system of the main drive of a modern roughing roll. B. B. Voronovskiy and others. *Elektricheskaya* no. 3:45-49 Mr '68.

Dependence of the slip of an asynchronous electric motor on voltage and frequency. Nguyen Van A. *Izv. vys. ucheb. zav., elektromekh.* no. 4:306-308 Ap '68.

Design of hydroelectric power generators. *Proektirovaniye gidrogeneratorov*. Leningrad, "Energiya." Ch. 2. Dombrovskiy, V. V. and others. [Design. Mechanical calculations.] *Konstruktsiya. Mekhanicheskoye resheniye*. 1968, 304 p.

Determination of expenditure and superheating of a cooling gas in a program on the design of turbogenerators using electronic digital computers. T. M. Barakova, I. Z. Bogachevskiy. *Izv. vys. ucheb. zav., elektromekh.* no. 3:335-338 Mr '68.

Determination of parameters of an asynchronous motor with solid rotor and cage. A. A. Sorokina. *Izv. vys. ucheb. zav., elektromekh.* no. 3:373-381 Ap '68.

Determining the characteristics and parameters of machines with solid magnetic circuits. F. O. Guseinov, E. M. Abbasova. *Za tekhn. prog.* 6 no. 5:10-20 My '68.

Development of traction generators. V. P. Osichuk, G. M. Rusakov. *Elektricheskaya* 39 no. 1:20-26 Ap '68.

Device for removing a damaged winding from a stator. A. A. Serchenko, A. A. Belygin. *Energetika* 16 no. 2:20-21 F '68.

Economic evaluation of the advisability of operating standby generators in a synchronous compensator regime in small hydroelectric power stations. F. N. Radzakhov. *Za tekhn. prog.* 6 no. 3:13-14 Mr '68.

Effect of ambient air temperature on the characteristics of an asynchronous motor. S. I. Bak, V. A. Kochinavskiy. *Izv. vys. ucheb. zav., energ.* 11 no. 5:108-110 Mr '68.

Effective forms of the stator of reducing motors. A. S. Kurakin. *Izv. vys. ucheb. zav., elektromekh.* no. 6:822-827 Je '68.

Effectiveness of 10 kv. power supply to large-scale irrigation systems. A. G. Baber, V. G. Zhuravlev. *Elek. sta.* 39 no. 2:61-63 F '68.

Electrical drive with power-type and intermediate magnetic amplifiers. A. M. Laptev. *Trudy GIT* 23 no. 2:16-17 '67.

Electrical drives of tapered secondary crushers. M. V. Grelashin. *Elektricheskaya* no. 1:45-47 Mr '68.

Electromagnetic force acting in an electrical machine with rolling rotor with nonsinusoidal current distribution along the surface of the stator hollow. V. V. Varlet. *Elektricheskaya* no. 2:25-28 F '68.

Electromechanical dynamometer for measuring soil pressure. V. G. Tomlin, A. G. Kosin. *Trudy AIT* no. 6:128-131 '69.

Elimination of an oval wedge in the side channel of self-excited electrical machines. M. V. Volochin, V. L. Frumkin. *Izv. vys. ucheb. zav., elektromekh.* no. 4:418-425 Ap '68.

Elimination of shortcomings in the speed control systems of pulverized coal feeders. H. M. Utkin. *Elek. sta.* 39 no. 2:70-81 F '68.

Experimental determination of the parameters of equivalent circuits of asynchronous motors with hollow permanent-magnet rotors. A. N. Murza, A. N. Gorbachev. *Izv. vys. ucheb. zav., elektromekh.* no. 4:147-149 Ap '68.

Experimental substantiation of the theory of commutation of a rectifier in an average. V. N. Chernushko. *Izv. vys. ucheb. zav., elektromekh.* no. 4:454-457 Ap '68.

Extensive use of asynchronous motors in electric drive circuits. S. K. Kachalov. *Prim. Avt.* 10 no. 2:11-13 F '68.

Frequency controlled electrical drives with thyristor frequency converters of pulse rotating machines and windings. V. I. Kozlovskiy and others. *Elektricheskaya* 39 no. 4:10-22 Ap '68.

General laws governing the design of reactive stepping motors. H. K. Vasil'ov, V. I. Larchenko. *Elektricheskaya* no. 2:17-24 F '68.

Generalized operating characteristics of asynchronous motors in certain cases. E. K. Mezin. *Izv. vys. ucheb. zav., elektromekh.* no. 4:389-395 Ap '68.

Geometry of the frontal parts of rigid coils of two-layer stator windings of electrical machines. I. N. Krut'ner. *Elektricheskaya* 39 no. 4:40-46 Ap '68.

High-speed step-by-step motor. V. I. Larchenko, G. M. Vasil'ov. *Mekh. i avtom. upr.* no. 6:43-44 N-D '67.

Improvement of commutation and increase in the overload carrying capacity of d. c. machines in transient operation. V. V. Magilov, N. G. Polnikov. *Elektricheskaya* no. 2:82-83 F '68.

Inductive method for burning out the insulation of motor windings. O. B. Kiselev. *Trudy GIT* 10 no. 2:24-26 F '68.

Isolov, M. F. [Vibration and deformation of the stator windings of synchronous machines] *Vibratsiya i deformatsiya obmotki statorov sinkhronnykh mashin*. Moskva, "Energiya," 1969, 100 p.

Locating the area of decreased insulation in the rotor winding of a synchronous machine on the basis of insulation. G. G. Koshlov. *Energetika* 16 no. 2:21 F '68.

Mechanical characteristics of an asynchronous stage with semiconductor rectifiers. S. N. Voznesenskii. *Elektricheskaya* 39 no. 4:39-49 Ap '68.

Mechanical machining of turbogenerator rotor combs with frontal scales. V. N. Oshchinskii. *Elek. sta.* 39 no. 3:89-90 Mr '68.

Method for analyzing transients in a. c. machines. V. G. Lomazov. *Elektricheskaya* no. 4:67-71 Ap '68.

Methods for matching the output signals of the measuring elements of automatic control systems. G. D. Semichov. *Prib. i sist. upr.* no. 2:54-55 F '68.

Modeling of instantaneous phase currents and voltages in asynchronous motors in transient and steady operation using analog computers. V. A. Shubenko, I. D. Abakumov. *Izv. vys. ucheb. zav., energ.* 11 no. 5:38-41 My '68.

New method for determining the speed of rotation of synchronous machines with self-braking. V. B. Kovatenko. *Elektricheskaya* no. 3:20-32 Mr '68.

Nonsteady loading of the rotor cage of a squirrel-cage induction motor with trapezoidal rotor. L. A. Medvedev. *Elektricheskaya* 39 no. 4:1-3 Ap '68.

Number of stator slots with split magnetic circuit in an electric motor with rolling rotor. V. P. Karli, E. F. Besmertnyy. *Elektricheskaya* 39 no. 4:24-28 Ap '68.

Operation of shielded current conductors of 300 Mw. turbogenerators. R. A. Morinov. *Elek. sta.* 39 no. 2:85-87 F '68.

Optimum methods for keeping in reserve special-purpose units in large-unit electric power stations. F. O. Guseinov, N. K. Sadiev. *Za tekhn. prog.* 6 no. 3:15-17 Mr '68.

Parameters of a synchronous motor along its lateral axis. F. G. Guseinov, S. S. Bekgultov. *Za tekhn. prog.* 6 no. 5:22-24 My '68.

Performance of an asynchronous motor from a network of nonsymmetrical and nonsinusoidal voltage. G. A. Abdurakhmanov. *Za tekhn. prog.* 3 no. 5:11-13 My '68.

Performance of the air gaps and calculation of the magnetic fields of salient-pole synchronous machines. A. I. Vit'bek, R. A. Lakhmetov. *Izv. vys. ucheb. zav., elektromekh.* no. 6:603-621 Je '68.

Power relationships in a motor with binary feed. V. N. Veselovskiy. *Elektricheskaya* 39 no. 4:9-10 Ap '68.

Principles of operation and use of synchronous reactive motors with rolling rotors. V. V. Varlet. *Elektricheskaya* 39 no. 4:22-24 Ap '68.

Problems of the operation of a horizontal encapsulated hydroelectric generator. A. N. Anchukov. *Elek. sta.* 39 no. 3:74-76 Mr '68.

Problems of the operation of brushes on turbogenerator slip rings. A. I. Glushin, V. G. Zaitchikov, I. L. S. Krylov. *Elek. sta.* 39 no. 2:45-51 F '68.

Redesigning of the connecting bushings of the stator winding of the TGV-300 turbogenerator. V. N. Evgen'ev. *Elek. sta.* 39 no. 2:83-85 F '68.

Refinement of rated networks of electrical machines in a form convenient for modeling. D. A. Avetisyan, A. I. Belikov, V. S. Sokolov. *Elektricheskaya* no. 3:23-27 Mr '68.

Selection of an asynchronous squirrel-cage motor for driving the drum of an assembling machine. V. S. Antimirov. *Izv. vys. ucheb. zav., energ.* 11 no. 6:38-47 Je '68.

Self-start of electric motors supplying internal loads of block-type electric power plants. H. I. Guseinov, A. M. Ushakov, A. T. Lebedev. *Elek. sta.* 39 no. 3:55-59 Ap '68.

Short-circuit currents of a large turbogenerator with electronic self-excitation. M. Kh. Zakhar'kin. *Elektricheskaya* no. 4:33-42 Ap '68.

Simplified method for calculating the characteristics of dynamic braking of asynchronous motors. R. V. Filin. *Izv. vys. ucheb. zav., elektromekh.* no. 4:382-385 Ap '68.

Simplified method of investigating the dynamics of a synchronous electric drive with sharply varying loads using a mathematical model. M. M. Bratkov, H. I. Minafayev. *Za tekhn. prog.* 6 no. 6:12-13 Ju '68.

Special features of operation of a sliding contact in transformer oil. E. K. Mamitov, V. G. Brozinskiy, B. R. Kaku. *Izv. vys. ucheb. zav., elektromekh.* no. 4:412-417 Ap '68.

Special features of the self-synchronization of turbogenerators with a high-frequency excitation system. I. A. Gilev and others. *Elek. sta.* 39 no. 3:75-78 Ap '68.

Special features on the design of asynchronous induction-type generator motors. A. S. Kurakin, P. M. Ushakov. *Elektricheskaya* 39 no. 4:13-15 Ap '68.

Stability of an asynchronous motor with impact loads. O. M. Soudin. *Elektricheskaya* 39 no. 4:6-12 Ap '68.

Static characteristics of a synchronous motor during voltage and frequency changes of the feeding network. I. A. Aliev. *Za tekhn. prog.* 6 no. 1:12-13 Ja '68.

Static characteristics of reversing thyristor-controlled drives. R. N. Katkov. *Trudy GIT* 23 no. 2:8-14 '67.

Study of current curves and nonconformities of the self-excited sections of a traction motor with composite brushes. H. I. Alkin. *Elektricheskaya* 39 no. 4:1-43 Ap '68.

Temperature error of an asynchronous inductor generator with a hollow rotor. I. I. Stral'nov, I. U. A. Ermolov. *Trudy AIT* no. 207:97-103 '68.

Testing of an asynchronous 230 kw. synchronous motor. N. N. Hristovskiy and others. *Elektricheskaya* 39 no. 7:40-43 Ji '68.

Testing of the operation of the TVV-105.2 turbogenerator in an asynchronous mode. A. M. Shpil, V. I. Kuzachevskiy. *Elek. sta.* 39 no. 3:72-74 Mr '68.

Torque and electromagnetic power of an asynchronous regulated motor with two asynchronous stator windings. G. V. Ivanova, N. V. Ivanova. *Izv. vys. ucheb. zav., elektromekh.* no. 4:389-392 Ap '68.

Use of asynchronous rectifier stages in generator systems. S. V. Kuvshinov. *Trudy GIT* 23 no. 2:18-22 '67.

Use of automatic computers in studying speed regulatory processes of electric motors with centrifugal inertia controllers. V. T. Barachevskiy, V. A. Mityushenko. *Izv. vys. ucheb. zav., prib.* 11 no. 1:42-48 '68.

621,314 Transformation. Transformers, etc.
Analysis of the loading of power transformers in electrical systems in the U. S. S. R. V. N. Gusev. *Elektricheskaya* 39 no. 7:15-17 Ji '68.

Analysis of the performance of a pulse converter in a transformer system. H. I. Gavrilov. *Trudy AIT* no. 207:30-32 '68.

Analysis of the performance of a pulse converter in an overhead contact network. H. I. Gavrilov. *Trudy AIT* no. 207:33-38 '68.

Application of the theory of games to the problem of stabilizing the current of a converter in a closed automatic control system. V. I. Rogovoy. *Trudy AIT* no. 207:11-14 '68.

Automatic digital converter of closed-loop graphs. D. I. Vigdorov, B. M. Sakulovskiy. *Prib. i sist. upr.* no. 2:49 F '68.

Calculation and study of the statistical characteristics of a rototyped-type differential transformer using an electronic digital computer. V. P. Avdeev. *Izv. vys. ucheb. zav., elektromekh.* no. 6:700-701 Je '68.

Calculation of capacitance between the winding and core of the magnetic circuit of a transformer. V. M. Pogostin, V. R. Vasil'ev. *Elektricheskaya* 39 no. 7:50-51 Ji '68.

Calculation of high-frequency oscillations in the rectified voltage of ionic exciters. M. V. Gel'man, V. F. Zaiter. *Izv. vys. ucheb. zav., energ.* 11 no. 6:7-11 Je '68.

Calculation of hot spots in transformer cores due to additional losses. D. N. Morozov. *Elektricheskaya* no. 3:32-37 Mr '68.

- Calculation of hydrodynamic transformers. F. M. Lalin. *Russ. Eng. J.* 1971, no. 39, 107-117. 10 p.
- Calculation of the strength of internal windings of transformers taking into account the effect of external forces. I. I. Mikhlin. *Elektrichesk. 30* no. 3:45-47. 1968.
- Compensation of reactive power and filtration of upper current harmonics in power systems. F. Maier. *Elektrichesk. 30* no. 4:39-43. Apr. '68.
- Controlling the active and reactive powers in the internal field of a transformer. I. I. Mikhlin. *Elektrichesk. 30* no. 4:44-47. 1968.
- Problems for the optimal stabilization of the current of a transformer in a closed automatic control system. A. E. Zorichovich. *Trudy MFT* no. 267. 4:47-48.
- Two-channel control system for thyristors. V. I. Pavlov. *Izv. vuz. ucheb. zav., elektromekh.* no. 1:27-30. Mar. '68.
- Control of a transformer with thyristors using tunnel diodes. V. V. Vasilov. *Izv. vuz. ucheb. zav., elektromekh.* no. 1:22-25. Mar. '68.
- Control of the connection of groups of transformers. I. I. Mikhlin. *Elektrichesk. 30* no. 3:70-73. Mar. '68.
- Control of a transformer in an autonomous inter-branch system. An overvoltage protection system. B. D. Lavin. *V. R. Sibirsk. Trudy MFT* no. 267:71-77. '68.
- Design of a self-excited differential transformer converter. V. P. Anisimov. *Izv. vuz. ucheb. zav., elektromekh.* no. 4:125-133. Apr. '68.
- Determination of optimal angle of regulation of thyristors and the effect of the control of a three-phase bridge-type thyristor inverter. O. P. Il'ina. G. P. Steina. *Izv. vuz. ucheb. zav., elektromekh.* no. 3:363-371. Mar. '68.
- Determination of resistance and voltage in heating and drying power transformers using single-phase current. A. I. Pashkin. *Elek. sta.* 39 no. 6:78-82. Je. '68.
- Methods for protecting silicon rectifiers from current overloads using an analog model. V. G. Tikhonov. *Izv. vuz. ucheb. zav., elektromekh.* no. 3:289-293. Mar. '68.
- Dynamics of an electromechanical converter. E. E. Shornikov. *Izv. vuz. ucheb. zav., elektromekh.* no. 6:684-689. Je. '68.
- Effect of frequency converters with direct coupling on supply networks. G. G. Zhemerov. *Elektrichesk. 30* no. 4:24-30. Apr. '68.
- Effective control modes of a three-phase bridge inverter using thyristors. O. P. Il'ina. G. P. Steina. *Elektrichesk. 30* no. 4:51-55. Apr. '68.
- Electromagnetic oscillations in coils with interleaved windings. R. P. Doljak. I. D. Vorobyn. L. M. Chalko. *Elektrichesk. 30* no. 7:1-3. Jul. '68.
- Elements of the design of an excited transformer with an air gap in its stem. V. V. Silnikov. *Trudy GIM* 23 no. 2:54-59. '67.
- Equivalent circuit of a transformer for the frequency range of internal overvoltages. V. M. Chornogotskiy. L. A. Sorokh. *Elektrichesk. 30* no. 7:17-23. Jul. '68.
- Experience in the operation of semiconductor rectifying units. I. A. Petras. V. P. Makarov. *Prom. energ.* 23 no. 5:18-23. May '68.
- Experimental study of dynamic strength of transformer windings subject to the action of radial short-circuit currents. L. I. Mikhlin. *Elektrichesk. 30* no. 7:3-7. Jul. '68.
- [Ferromagnetic frequency multipliers] *Ferronagilnye umnozhiteli chastoty*. Moskva, "Energia," 1968. 176 p. (Transformatory. Vyp. 10)
- Increase of the power factor of a bridge rectifier. V. L. Ardimuk. N. N. Mikhayev. *Prom. Bel.* 19 no. 12:57-58. Dec. '67.
- The KD-64 variable condenser. G. B. Korenetskiy. *Pril. i sist. upr.* no. 2:46. F. '68.
- Korolev, I. N. [Thyristors] *Thyristory*. Moskva, "Znanie," 1968. 84 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Radioelektronika i avtomatizatsiya.")
- Lightning protection of distribution transformers from the lower voltage windings end. I. I. Ponomarev. *Elek. sta.* 39 no. 6:56-61. Je. '68.
- Linear electric resistance-to-frequency converter. V. M. Kalinovsky. *Mekh. i avtom. upr.* no. 6:17-18. N. '67.
- Lovushkin, V. N. [Transistorized d. c. voltage converters] *Tranzistornyye preobrazovateli postoiannogo napryazheniya*. Moskva, "Energia," 1967. 112 p. (B-k po avtomatike. Vyp. 268)
- Magnetizing current of a transformer with primary winding having a sliding delta configuration. S. P. Simonovskiy. *Izv. vuz. ucheb. zav.; energ.* 11 no. 6:103-104. Je. '68.
- Matching of phases of input and output signals in transformer compensating elements. M. F. Zaripov. L. I. Bozhenko. E. M. Gashpar. *Pril. i sist. upr.* no. 2:14-17. F. '68.
- Measurement of the operating time of the relays of gas protection systems of transformers. O. N. Ivanchenko. K. K. Fomel. *Elektrichesk. 30* no. 7:52. Jul. '68.
- Measuring device converting power to d. c. G. N. Del'ving. *Izv. vuz. ucheb. zav.; prib.* 11 no. 1:22-27. '68.
- Method for readjusting one-way single layer windings of superlarge power transformers. A. P. Dachev. *Elektrichesk. 30* no. 7:23-37. Jul. '68.
- Methods for determining loads taking into account load carrying capability of transformers. R. Z. Kunin. *Elektrichesk. 30* no. 3:18-22. Mar. '68.
- Optimal electromagnetic mode of a transformer regulated by excitation of two elements. V. P. Popov. *Trudy OPT* 23 no. 2:80-83. '67.
- Optimal frequency of power transformers. K. K. Khabashov. V. V. Kurlov. *Elektrichesk. 30* no. 7:7-9. Jul. '68.
- Optimal geometric relationships in large transformers. I. N. Borodulin. *Elektrichesk. 30* no. 7:17-23. Jul. '68.
- Power and principles of the design of single-machine frequency converters with integrated electrical and magnetic systems. V. I. Popov. *Trudy GIM* 23 no. 2:69-85. '67.
- Protection of thyristors from overloads. F. A. Aksel'rod and others. *Elektrichesk. 30* no. 4:60-62. Apr. '68.
- Shunting of germanium diodes in high-voltage rectifier circuits. G. P. Petin. V. I. Mikhlin. *Izv. vuz. ucheb. zav., elektromekh.* no. 3:293-297. Mar. '68.
- Single-phase transformer with magnetic commutation switching. V. A. Troitskiy. S. A. Kabanov. *Elektrichesk. 30* no. 7:53-58. Jul. '68.
- Stability of a converter in a closed automatic control system. A. E. Zorichovich. V. I. Rogovoy. *Trudy MFT* no. 267:123-126. '68.
- Stage with 200 kv. rating consisting of 10MVA/103/25 and 10MVA/103/25 transformers. P. I. Afonin. *Energetik* 16 no. 2:19-20. F. '68.
- Static ferrite-core converter with decreased frequency. A. A. Arumov. *Elektrichesk. 30* no. 7:43-47. Jul. '68.
- Statistical analysis of the actual length of service of winding transformers. A. I. Faerman. *Trudy LPI* no. 228:68-71. '67.
- Study of a single-phase inverter with cutoff valves. D. I. Mar'yanovskiy and others. *Elektrichesk. 30* no. 2:29-35. F. '68.
- Synthesis of equivalent circuits of transformers in pulse operation using design data. K. P. Goriunov. V. P. Lavin. *Izv. vuz. ucheb. zav., elektromekh.* no. 1:30-31. Mar. '68.
- System for regulation and control of converters using thyristors. V. S. Ishevaliy. V. E. Skotnikov. A. A. Tevlov. *Izv. AN SSSR. Energ. i transp.* no. 1:112-120. Ja. F. '68.
- Use of different systems of notation in the construction of networks of regulated transformers. I. A. Sibirsk. *Elektrichesk. 30* no. 7:17-19. Jul. '68.
- Use of time-dependent polar coordinate diagrams for calculating transistorized converters. H. D. Davydov. *Elektrichesk. 30* no. 4:55-60. Apr. '68.
- Voltage-to-pulse frequency converter with switching of the direction of integration. I. F. Kislortina. G. M. Sobatol'. *Avtomatika* no. 2:70-100. Mar. '68.

621. 314(576. 1)—Uzbek S. S. R.

Selection of a power transformer based on the starting current of the electric motor and given voltage drop. V. T. Chernikov. *Stroitel'nikh. Uzb.* 9 no. 1:34-36. Ja. '68.

621.315 Transmission. Lines. Cables. Wiring, etc.

Active resistances of corrosion-proof conductors of new designs. E. A. Gurinko. Z. I. Rudskiy. S. A. Ismailov. *Za tekhn. prog.* 8 no. 3:36-37. Mar. '68.

Adopting the production of telegraph insulators on automatic lines. V. K. Gelshevit. V. V. Zhukovskiy. *Stek. i ker.* 25 no. 5:39-40. May '68.

Aging of an epoxy compound at increased frequencies. M. Z. Gel'man. V. I. Murovich. *Izv. vuz. ucheb. zav.; energ.* 11 no. 6:28-32. Je. '68.

Characteristics of partial discharges in transformer oil with graphite particles. S. N. Gorlachkin. V. V. Puchkovskiy. *Izv. vuz. ucheb. zav.; energ.* 11 no. 6:33-37. Je. '68.

Comparison of attenuation of high-frequency communication signals in electric power transmission lines of an oil field. I. A. Afonin. *Mekh. i nef. obr.* no. 6:23-26. '68.

Concerning an article by R. T. Levashov and others "Experimental operation of insulators having glazing with increased conductivity." E. V. Kabanov. S. D. Merkulov. E. A. Solomovskiy. *Elek. sta.* 39 no. 8:64-66. Ag. '68.

Control networks of reversing electric drives using semiconductor elements with p-n-p-n structure. *Pril. i sist. upr.* no. 2:41-43. F. '68.

Determination of the heat transmission factor of condenser oil and chlorinated biphenyl. I. R. Chozhova. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5:113-115. May '68.

Device for measuring the electric conductivity and thermoelectromotive force of semiconductor thermoelectric materials in the 300° to 1200° K temperature range. A. A. Zelmanov. V. A. Nagiev. *Za tekhn. prog.* 8 no. 1:27-28. Ja. '68.

Drying of transformer oil using molecular sieves (zeolites). A. N. Dolgov. *Elek. sta.* 39 no. 8:68-72. Ag. '68.

Effect of absolute humidity on the flashover potential of long air gaps. O. V. Volkova. A. S. Rutengold. V. I. Chernyshev. *Elektrichesk. 30* no. 3:49-53. Mar. '68.

Efficiency of the protection of steel bolt ropes against corrosion fatigue with protectors and the zinc plating. N. K. Chonarenko. G. A. Medvedova. *Izv. vuz. ucheb. zav.; gor. zhur.* 11 no. 5:109-110. '68.

Electrical characteristics of three-phase bus lines with round conductor. G. S. Voronchikov. A. Ia. Virkovskiy. *Elektrichesk. 30* no. 3:1-6. Mar. '68.

Electrical strength of an epoxy compound in a nonuniform field. L. D. Bobrovskaya. B. M. Riabov. *Izv. vuz. ucheb. zav.; energ.* 11 no. 6:23-27. Je. '68.

Electrical strength of moist high-voltage suspension insulators during decreased air density. G. N. Alosandrov. R. S. Burkhakov. *Elek. sta.* 39 no. 3:46. Mar. '68.

Experience in the use of AG-4 glass plastic in high-voltage insulators in railroad transportation. T. V. Morozova. *Elektrichesk. 30* no. 4:88-89. Apr. '68.

Experimental determination of the degree of distortion in the magnetic field of supports where magnetic reactors are placed for measuring inductances of high-voltage current along the 320 kv line - Klyuchevskiy transmission line. I. A. Kurlov. V. A. Nagiev. *Za tekhn. prog.* 8 no. 6:14-15. Je. '68.

Experimental investigation of starting large synchronous machines in a power system in case of large-scale outage. M. N. Ailov. N. D. Abdullov. *Za tekhn. prog.* 8 no. 6:16-18. Je. '68.

Experimental operation of insulators having glazing with increased conductivity. R. T. Levashov and others. *Elek. sta.* 39 no. 8:60-63. Ag. '68.

High-temperature thermistor from polycrystalline boron. N. L. Pravovorov. R. M. Balaev. V. I. Tikhonov. *Pril. i sist. upr.* no. 2:43-44. F. '68.

Increasing the carrying capacity of distribution networks. V. I. Malakhov. *Elek. sta.* 39 no. 6:66-67. Je. '68.

Investigating the reliability of well logging cable. V. I. Kononov. *Stroitel'nikh. Uzb.* 9 no. 1:24-30. Ja. '68.

Insulation aging of insulating oil. V. I. Ginzburg. E. O. Kalinina. D. S. Vurshavskiy. *Elektrichesk. 30* no. 7:30-32. Jul. '68.

Magneto-N.F. [Steel cable wiring] *Trosyvo elektroprovodki*. Izd. 2-o. pereizdaniye. Moskva, "Fizmatgiz," 1968. 61 p. (B-k elektromontazh. Vyp. 247).

Method for limiting out damaged and defective insulation in cable lines. S. G. Izhmakhov. V. I. Sitenko. *Prom. energ.* 23 no. 5:23-25. May '68.

Motion of gas bubbles in transformer oil subject to the action of an electric field. K. P. Stepanchuk. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5:20-23. May '68.

Operation of a simplified protection and automatic system of a 110 kv line. I. I. Kagan. A. A. Urina. *Elek. sta.* 39 no. 8:87-88. Ag. '68.

Prospects of using plastics in the manufacture of insulators. N. M. Krachkovskiy. *Elektrichesk. 30* no. 2:85. G. '68.

Radioaging of circuits regulating acceleration of a simplified distance-type protection system. S. I. Fibrilov. *Trudy GIM* 23 no. 2:21. F. '68.

Removal of electrostatic charges from the surface of items from cast LPT. A. F. Nikolov and others. *Pril. i sist. upr.* no. 1:34-36. Jan. '68.

Resistance of a conductive strip with cracks in its sections. *Elektrichesk. 30* no. 3:61-61. Mar. '68.

Restoration of a reinforced concrete foundation of a cable well using compounds with epoxy resin base. N. Z. Kravchuk and others. *Elek. sta.* 39 no. 6:73. Ag. '68.

Statistical probability analysis of reliability characteristics of high-voltage electric transmission lines. M. N. Ailov. L. M. Pashkova. *Za tekhn. prog.* 8 no. 3:13-23. Mar. '68.

Structure and electromechanical properties of polyacetylene films of ethylene acetylenes. I. A. Mankovskiy. I. N. Popov. *Za tekhn. prog.* 8 no. 3:14-16. Mar. '68.

Study of the effect of the composition of an epoxy compound on its tracking resistance. L. D. Vitenko. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5:24-28. May '68.

Testing of single-phase automatic reclosing in 500 kv. power transmission lines with shunting reactors. A. S. Malkov. O. A. Shilovskaya. *Elek. sta.* 39 no. 3:53-56. Mar. '68.

Use of SVPA-1 converters in measuring the power factor in lines with double-end feed. A. P. Pashkov. *Elek. sta.* 39 no. 6:82. Je. '68.

Volk, Ya. Ya. [Antistatic treatment of power transmission line poles] *Antistaticheskaya obrabotka stolbov elektroprovodki*. Moskva, "Izdatel'stvo," 1968. 64 p. (B-k elektromontazh. Vyp. 249).

621. 315(470. 24)—Azerbaijan S. S. R.

Mechanical calculation of gate supports used in offshore oil fields. A. I. Maturov. *Za tekhn. prog.* 8 no. 5:32-36. May '68.

621.316 Distribution and control. Switchgear, etc.

[A. c. high-voltage switches. General technical requirements] *Vykhodnyye tekhnicheskiye trebovaniya k vysokonapryazhennym avtomaticheskim raznyatnyk*. Izd. ofits. Moskva, 1967. 44 p. (Gos. standartiya SSSR).

Analog modeling of longitudinal differential protection of power transmission lines. E. V. Glinkin. V. I. Novosel'. A. N. Matusev. *Izv. vuz. ucheb. zav.; energ.* 11 no. 6:81-86. Je. '68.

Analysis of nonbalance currents in the differential protection system of busbars. E. V. Podgorniy. O. I. Rybalchenko. *Elek. sta.* 39 no. 8:83-86. Ag. '68.

Analysis of the loading of power transformers in electrical systems in the U.S.S.R. V. N. Gusev. *Elektrichesk. 30* no. 7:16-17. Jul. '68.

Analysis of the reliability of the relay protection based on operational statistical data. N. A. Manov. *Elek. sta.* 39 no. 3:68-68. Mar. '68.

Approximate calculation of zero-sequence currents. A. A. Pashkov. V. A. Kozlov. *Elektrichesk. 30* no. 3:81. Mar. '68.

Approximation method for determining a current and voltage transforming matrix in the wires of a non-symmetrical line to independent components. V. M. Silnikov. *Trudy VNIIE* no. 27:101-127. '67.

Balancing the voltage system in terminals of a three-phase consumer. V. D. Savin. *Trudy MFT* no. 267:78-80. '68.

Bolchonsky, V. I. [Construction of 6-10 kv. current conductors] *Montazh tokoprovodov 6-10 kv*. Moskva, "Energia," 1968. 76 p. (B-k elektromontazh. Vyp. 251).

Calculation of a series element of magnetized regulators with inductor construction. G. P. Eroshenko. *Izv. vuz. ucheb. zav.; energ.* 11 no. 5:101-103. May '68.

Calculation of operational reliability of relay protection. I. A. Ilyin. *Elektrichesk. 30* no. 4:4-9. Apr. '68.

metriia no. 2:100-107. Mr.-Ap '68.
Concerning the article "Circuit of a thyristor relaxation
oscillator." A. P. Nazarenko, V. I. Slakino, Elektr-
otekhnika 39 no. 5:55-57, 1968.
Concerning the article "Circuit of a thyristor relaxation
oscillator." M. B. Shchedrin, Elektr. tekhnika 39
no. 4:50. Ap '68.
Concerning the article "Comparative evaluation of the
economic effectiveness of noncanal switching circuit
in automatic control." A. V. Korsakov, Elektr. tekhnika
39 no. 7:61-62. Ji '68.

- 621.37 IC:Ududl
Conductless programmed regulator of temperature with thyristor output. R. I. Muroz. Prib. i sist. upr. no. 2 7-8 Feb '68.
Design of a nonlinear theory of a tunnel diode frequency divider. V. N. Gornik. Radiotekhnika 23 no. 6:109-112 May '68.
Frequency division by means of autotuning elements. A. I. Kozlovskiy, M. S. Tolstoy. Vestn. Mosk. univ., Ser. 3: Fiz., astron. no. 4:509-469 Apr '68.
A new approach to an electrical system consisting of two parallel operating parts with a frequency converter. P. A. Kuznetsov, M. L. Suprunov. Izv. vuzov. Radiofizika 11 no. 1:131-137 Jan '68.
Coupling of signal waves in a planar waveguide. E. I. Zhurav, V. N. Lebedev, B. I. Pavlov. Prib. i sist. upr. no. 2:133-135 Feb '68.
Definition of the term "radio wave". M. I. Chelishchev. Radiotekhnika 23 no. 5:101-103 May '68.
Design of a linear triaxial ferrite magnetic field. T. N. Gerasimova. Elektron. tekhn. i tekh. nauka, no. 3:145-147 Feb '68.
Design of the magnetic circuit of a nondissipating arc-quenching coil with simultaneous regulation of inductance by magnetization. S. A. Bohrovskiy, V. A. Semov. Izv. vuzov. Radiofizika 11 no. 6:609-668 Jun '68.
Design of transformers with excitation; calculation of resonance range. S. E. Nevskiy. Trudy GFTI 23 no. 37:10-16 Mar '68.
Measurement of the parameters of local compression in a plasma of a laser-type measuring unit with an electrical feedback stabilizer. M. P. Gridukhin. Izv. vuzov. Radiofizika 11 no. 3:334-340 Mar '68.
Interrelation of transient and frequency characteristics of complex linear networks. L. M. Kolomoitshchuk. Radiotekhnika 23 no. 7:11-14 Feb '68.
Interference effects in a high-frequency magnetic field resonator in a cavity resonator. L. A. Prozorova. Elektron. tekhn. i tekh. nauka, no. 5:215-217 May '68.
Diffraction of radio waves about the earth with non-homogeneous atmosphere. A. I. Kalinin. Radiotekhnika 23 no. 5:8-13 May '68.
Signal modeling of processes in linear and nonlinear communication systems. V. V. Bykov. Radiotekhnika 23 no. 5:80-86 May '68.
Digital smoothing filter for calculating the second derivative of a useful signal. A. I. Bokhov, I. U. M. Korshunov. Izv. vuzov. Radiofizika 11 no. 1:49-51 Feb '68.
Impulse analyzer of random processes. E. P. Fyginov, V. I. Gorbunov. Izv. vuzov. Radiofizika 11 no. 1:44-150 Apr '68.
Distortion of the form of impulses in a circuit of a push-pull transistor power amplifier. I. U. M. Neiman. Trudy LPI no. 2:3-147-157 '69.
Resonance of harmonics in a microtron with nonuniform magnetic field. V. N. Melekhin, E. A. Lukatskiy, A. A. Prokhorov. Elektron. tekhn. i tekh. nauka, no. 5:271-274 Feb '68.
Effect of a space charge on the fluctuation of amplitude and phase of current harmonics in a transit klystron. S. A. Kornilov. Trudy LPI no. 290:124-132 Feb '68.
Effect of conductor sag on wave propagation along transmission lines. L. S. Perelman. Elektricheskoe no. 2:59-65 Feb '68.
Effect of polarization and lighting on the shift of the Curie point in SiS₂. A. I. Shestopov. Uch. zap. Ped. inst. Chern., no. 3:77-79 Feb '68.
Efficient operating modes of a microtron. Elektron. tekhn. i tekh. nauka, no. 5:228-237 Feb '68.
Electric circuits with master current sources and quadratic programming. A. G. Tarasov. Zatekh. prog. 4 no. 3:21-23 Mar '68.
Electrical drive with power-type and intermediate magnetic amplifiers. A. N. Laptev. Trudy GFTI 23 no. 2:15-17 Feb '68.
Elimination of built-up currents in a bridge-type transistor pulse amplifier. G. G. Sokolov. Izv. vuzov. Radiofizika 11 no. 6:690-694 Jun '68.
Prokofiev, I. M. [Operation of delayed relaxation oscillators with small spacing of the output impulses] Rabota zatormozheniya relaksatsionnykh generatov pri maloi skazkivosti vykhodnykh impuls'ov. Pod red. I. U. M. Mantefella. Moskva, "Sov. radio," 1968. 208 p.
Experimental study of a barrel-like open resonator. V. M. Cherenko. Elektron. tekhn. i tekh. nauka, no. 5:81-82 Feb '68.
Experimental study of the parametric amplifier of video signals with an RC modulator. K. F. Akimova, E. A. Sharafov. Vestn. Mosk. univ. Ser. 3: Fiz., astron. 23 no. 2:53-57 Mar-Apr '68.
Five-layer film band elimination filters. V. E. Prozorovskiy, O. N. Nogolenko. Radiotekhnika 23 no. 7:104-105 Feb '68.
Fluctuation characteristics of two-resonator amplifying klystrons. S. A. Kornilov. Trudy LPI no. 290:133-141 Feb '68.
Fluctuations in self-oscillators with periodically non-stationary shot noise. A. N. Bruevich. Radiotekhnika 23 no. 5:35-42 May '68.
Forced oscillations of an open resonator coupled with a wave guide with small opening. E. L. Kosarev, I. U. M. Tsipenikh. Elektron. tekhn. i tekh. nauka, no. 5:105-106 Feb '68.
Frequency analysis of transients in sampled data control systems. A. V. Yakovlev. Elektricheskoe no. 4:84-87 Apr '68.
Frequency characteristic of an e.c. amplifier with direct coupling of transistors. L. S. Prokhorov. Radiotekhnika 23 no. 5:11-14 May '68.
Frequency dividers using tunnel diodes. V. P. Vallukhov, V. I. Molokanov. Trudy LPI no. 290:50-54 Feb '68.
Frequency division using a tunnel diode. S. I. Galis, N. A. Dubina. Trudy LPI no. 290:45-48 Feb '68.
Frequency stability of single-stage high-frequency generators for induction heating having transformer coupled loads. V. V. Volodin. Trudy LPI no. 290:190-197 Feb '68.
Integrators using split cores with rectangular hysteresis loop. M. A. Balachenkov and others. Prib. i sist. upr. no. 1:6-11 Jan '68.
- Interaction of two traveling wave antennas. B. D. Parlov. Trudy LPI no. 290:3-7 Feb '68.
Interlocking of the parameters of a nonlinear directional coupler. B. B. Lagover. Radiotekhnika 23 no. 7:5-8 Feb '68.
Investigating heterogeneous deep-well communication lines. Z. I. Kazim-Zade, R. M. Khalil-Zade. Zatekh. prog. 4 no. 1:23-25 Jan '68.
Investigation of a turbulent plasma by means of incoherent scattering of microwaves. K. I. Molyshev and others. Atom. energ. 23 no. 1:3-9 Jan '68.
Logarithmic amplifiers. I. I. Osachuk. Vestn. moskovskogo univ. no. 1:62-67 Apr '68.
Magnetic field of a d.c. circle current placed in a ferrite cylinder. S. V. Mashenko. Izv. vuzov. Radiofizika 11 no. 6:605-667 Jun '68.
Magnetic field of an excited magnetic circuit with rhombic cross section. S. A. Gamzaeva, E. I. Ivanovskiy. Izv. AN SSSR. Energ. i transport. no. 1:121-128 Jan-Feb '68.
Measuring the voltage at the outlet of a toroidal resonator of one-meter range. L. G. Kostitsyn and others. Izv. vuzov. Radiofizika 11 no. 5:150-151 May '68.
Measurement of efficiency of multimodeal systems by determining the matrix of dissipation. L. A. Vedvastov, B. A. Pavlov. Trudy LPI no. 290:35-37 Feb '68.
Measurement of the dielectric losses of dielectrics using the form of the resonance curves of a piezo-electric resonator. V. V. Shapkin, E. V. Burakov, Uch. zap. Ped. inst. Chern., no. 3:21-28 Feb '68.
Measurement of the components of the magnetic field of a microtron with 30 orbits. E. A. Lukatskiy, V. N. Melekhin, V. M. Cherenko. Elektron. tekhn. i tekh. nauka, no. 5:275-282 Feb '68.
Measurements of the accelerating resonator of a microtron. E. L. Kosarev. Elektron. tekhn. i tekh. nauka, no. 5:306-310 Feb '68.
Method of leading potentials and synthesis of antennas. I. G. Klitsak, V. B. Zhukov. Radiotekhnika 23 no. 5:16-22 May '68.
Methodology for studying strongly conductive oligo-electronics. E. V. Burakov. Uch. zap. Ped. inst. Chern., no. 3:43-45 Feb '68.
Monochromes. M. P. [Semiconductor frequency converters. Principles of theory and design] Poluprovodnikovye preobrazovateli chastoty. Osnovy teorii i razrabotka. Leningrad, "Energiya," 1968. 284 p.
Mutual coupling of radiating elements in a linear array. A. A. Volkovskiy, A. D. Zhukov. Trudy LPI no. 290:39-43 Feb '68.
Network for the conjunction of impulsive signals in time. V. A. Dolmatovskiy. Prib. i sist. upr. no. 1:18-20 Jan '68.
Network for triggering a relay by a single impulse with short duration. I. U. P. Skripnikov. Prib. i sist. upr. no. 1:248-149 Feb '68.
New film wave converters. I. L. Kapriel, L. A. Prozorova. Elektron. tekhn. i tekh. nauka, no. 5:209-214 Feb '68.
Noise factor of a tuned transistor amplifier. K. A. Smagloev. Radiotekhnika 23 no. 7:34-38 Feb '68.
Noise relationships in amplifiers with automatic gain control. I. M. Simonov, S. O. Kamet. Radiotekhnika 23 no. 7:39-43 Feb '68.
Noises in multiplying klystrons. M. S. Sklavovskiy. Trudy LPI no. 290:116-123 Feb '68.
Nonlinear distortions dependent on periodically repeating transients in class B power amplifiers. I. U. M. Neiman. Trudy LPI no. 290:158-167 Feb '68.
Nuclear magnetic resonance relaxometer using the echo band method. N. M. Ivankina, R. M. Umorkhodzhayev, G. S. Gysarov. Vestn. Mosk. univ. Ser. 3: Fiz., astron. 23 no. 2:3-10 Mar-Apr '68.
Numerical calculation of acceleration modes in a microtron. L. B. Lyubetskii, V. N. Melekhin. Elektron. tekhn. i tekh. nauka, no. 5:238-236 Feb '68.
On standard frequencies. V. Polopov. Tekhn. i tekh. nauka, no. 4:31 Apr '68.
Open resonator with echelle grating. E. L. Kosarev. Elektron. tekhn. i tekh. nauka, no. 5:93-104 Feb '68.
Open resonators formed by parallel discs with random relationships of diameters and distance between them. A. T. Flakovsky. Elektron. tekhn. i tekh. nauka, no. 5:138-140 Feb '68.
Operating mode of a generator of fading high-frequency oscillations using a reactor. V. G. Eckharov. Trudy LPI no. 290:178-180 Feb '68.
Optical linear receiver without redundant noise. M. E. Gertsenshteyn, I. A. Doloshin. Radiotekhnika 23 no. 5:2-7 May '68.
Oscillator as a millimeter band oscillator. F. S. Razin, C. D. Bogomolov. Elektron. tekhn. i tekh. nauka, no. 5:46-58 Feb '68.
Output device of an electron-beam parametric amplifier of fast cyclotron waves. V. M. Lopukhin, B. K. Milchenko. Vestn. Mosk. univ. Ser. 3: Fiz., astron. 23 no. 2:84-88 Mar-Apr '68.
Performance analysis and calculation of a pulse bridge element at low time-lag values. N. M. Kizimov. Zatekh. prog. 4 no. 3:1-4 Jan '68.
Phase fluctuations in a microtron with large current. E. L. Kosarev. Elektron. tekhn. i tekh. nauka, no. 5:283-285 Feb '68.
Polarisation duration of thin barium titanate films. E. V. Baran, O. I. Zakharov. Uch. zap. Ped. inst. Chern., no. 3:39-42 Feb '68.
Polarized radiation induced by the production of solutions of organic dye. A. N. Sevechenko and others. Dokl. AN SSSR 179 no. 3:582-605 Mar '68.
Propagation of high-intensity electromagnetic waves in plasma wave guides. A. M. Egorov and others. Atom. energ. 23 no. 1:9-12 Jan '68.
Pulse counter using magnetic and transistor storage cells. G. N. Pyrkhi. Prib. i sist. upr. no. 2:17-18 Feb '68.
Pulse noise limiter with tracking threshold in noise signal receivers. A. A. Gorbachev, V. I. Danilov. Radiot

(continued)

over amplification stages. G. S. Tsykin. *Radiotekhnika* 23 no. 5:102-103 May '68.

adjustable rectangular wave guide resonator with adjustable tuning pin. M. I. A. Mandel'shtam. *Radiotekhnika* 23 no. 7:9-13 '68.

nonlinear geometrical optics of open resonators. V. I. Klokron, *Radiotekhnika*, no. 5:117.

of reliability taking into account operating conditions. U. I. Morozov, *Pril. i sist. upr.* no. 2: 68.

of a round wire with a traveling-wave surface flow. N. P. Tuntrev, O. II. Ufrobis, *no. 200:20-34* '68.

on of structure in the analysis of the cell-redundant logical devices. N. I. Hunkin, *SR Tekh. kib.* no. 1:25-29 May-June '68.

particles in a microtron with nonuniform field. V. N. Molokhin, E. A. Lukhanenko, *Radiotekhnika*, no. 5:257-274 '68.

of the evaluation and justification of the utilization of production of units and parts. K. A. P. Grados, A. R. Bril', *Trudy LPI* 2 '67.

erating modes of a microtron. *Radiotekhnika*, no. 5:229-237 '68.

and its application. Ref. zhur.; *Elek. i teo* 8 Ag '68.

al study of a varactor-like open resonator. *Radiotekhnika*, no. 5:104.

ations of an open resonator coupled with a small opening. E. L. Kosarov, *Radiotekhnika*, no. 5:105.

mology. *Radiotekhnika* 23 no. 5:104.

struments. *Pril. i sist. upr.* no. 1:50-60.

struments. *Pril. i sist. upr.* no. 2:47.

ry of an electron. V. S. Rudin, *Radiotekhnika*, no. 5:9-37 '68.

nt of efficiency of multiterminal systems by the matrix of dissipation. T. A. Vudavolov, *Trudy LPI* no. 206:35-37 '68.

of the accelerated resonator of a V. K. L. Kosarov, *Radiotekhnika*, no. 5:106.

accelerated reliability tests of elements and positive use under operating conditions of equipment in railroad transportation. V. A. Boriskala, *Trudy MFT* no. 261:10-33 '68.

calculation of accelerated modes in a V. K. L. Kosarov, V. N. Molokhin, *Radiotekhnika*, no. 5:238-250 '68.

tor with helical grating. E. L. Kosarov, *Radiotekhnika*, no. 5:238-250 '68.

itya formed by parallel filaments with randomity of diameters and distance between them. *Radiotekhnika*, no. 5:106.

a millimeter band oscillator. V. S. Rudin, G. Molodtsov, *Radiotekhnika*, no. 5:145.

system of an electron. V. S. Rudin, G. Molodtsov, *Radiotekhnika*, no. 5:145-148 '68.

ations in a microtron with large current. *Radiotekhnika*, no. 5:203.

seminar po kvanlevoe elektronika, Kiev, elektronika, Translations of the Ukrainian Kvantova elektronika. Trudy Respublikanskoye, Kiev, 1967, 364 p.

and technological in the struggle for the equipment in industry. N. T. Minkarkin. *Radiotekhnika* 23 no. 7:109 '68.

ase of the A. S. Popov Scientific and Technical Radio and Electronics, *Radiotekhnika* 23 07 May '68.

of the electronic paramagnetic resonance the study of complex biological objects, electronic paramagnetic resonance. V. N. E. P. Kazantsov, *Trudy Kish. ael'khoz. iel.* 1 '67.

go in crossed fields. L. A. Valnehtin, *Radiotekhnika*, no. 5:147-153 '68.

on resonators with fluid concentration. A. B. *Radiotekhnika*, no. 5:84-88 '68.

action of chemical mutagens on some biological systems by the electronic paramagnetic resonance V. N. Iyakov and others. *Trudy Kish.* nat. 46 no. 3:12-15 '67.

A. A. E. P. L. Tikhomirov, and B. P. Iaryshev, *Trudy Kish. ael'khoz. iel.* 1 '67.

als of electrical engineering, electronics, engineering) Osnovy elektroniki, elektrotekhniki, izd. 3-o, stereop. tsvetn. 1968, 471 p.

open resonator in a magnetic radioastronomical receiver. P. P. Makalmonko, *Radiotekhnika*, no. 5:59-63 '68.

go devices for branching and coupling energy M. Voronts, V. M. Katsulskina, V. I. Losov, *no. 200:8-14* '68.

conductor devices

ions characterizing the performance of a converter of the phase number in a phase mode. E. A. Bukhtalov, *Trudy MFT* 71 '68.

constructing a physical model of aging of a reactor device. I. N. Boristsev, *Trudy MFT* 71 '68.

Calculation of a family of straight branches of the voltage characteristics of a p-n junction for different temperatures. A. I. Krivonozov, *izv. vuz. ucheb. zav. i energ.* 11 no. 5:103-105 May '68.

Changes in the electrical properties of silicon during impurity concentration reduction by the method of zone melting with a temperature gradient. K. A. Nikolaeva, V. N. Losovskii, *Trudy NPI* 170:20-22 '67.

Characteristics of semiconductor germanium diode transistors at low temperatures. *Pril. i sist. upr.* no. 2:44-45 F '68.

Direct conversion of the thermal energy of exhaust gases from a diesel locomotive engine into electric power by using semiconductor thermoelectric converters. E. Z. Shukman, *Trudy MFT* no. 261:100-112 '68.

Distribution of pulse voltage over consecutively connected semiconductor rectifiers. V. P. Feoktistov, *Trudy MFT* no. 267:30-47 '68.

Effect of a laminated inhomogeneity on measurements of specific resistance and the Hall effect in semiconductors. V. V. Voronkov, D. I. Lavchenko, M. I. Ilyayev, *Zav. lab.* 34 no. 3:307-310 '68.

Effect of laser radiation on semiconductors. A. E. Giltovich and others. *Fiz. i khim. obr. mat.* no. 1: 20-23 June '68.

Experience in using semiconductor diodes in TARS radio transmitters. V. Alov, *Energetik* 16 no. 2:22 F '68.

Instability of laser zones during zone melting with a temperature gradient. V. P. Popov, V. N. Losovskii, *Trudy NPI* 170:58-63 '67.

Kinetics of reducing impurity concentrations in a semiconductor crystal by the zone melting method with a temperature gradient. V. N. Losovskii, K. A. Nikolaeva, *Trudy NPI* 170:13-19 '67.

Lavushkin, V. N. [Translated d.c. voltage converters] Transistornye preobrazovatel' postolnogo napriazheniya. Moskva, "Energiya," 1967, 112 p. (Rika po elektronike, Vyp. 208)

Methods of increasing the operational reliability and effectiveness of radioelectronic systems. G. V. Venkov, *Trudy MFT* no. 261:12-53 '68.

[Microelectronics] Mikroelektronika, Sbornik statei. Pod red. F. V. Lukina. Moskva, "Sov. radio," Vyp. 1, 1967, 300 p.

Unidirectional properties of a semiconductor diode in the range of minority absorption. A. V. Voltekhovskii, A. S. Petrov, *izv. vuz. ucheb. zav. i energ.* 11 no. 5: 126-128 '68.

Rectifier converter of the phase number. E. A. Bukhtalov, *Trudy MFT* no. 267:64-61 '68.

[Semiconductor devices in electrical communication] Poluprovodnikovye pribory v tekhnike elektronsvyazi. Sbornik statei. Pod red. I. F. Nikolovskogo. Moskva, "Svyaz," Vyp. 1, 1967, 203 p.

Semiconducting properties of anodically formed silver oxides. F. I. Kukoz, V. I. Bogdanov, *Trudy NPI* 170:78-83 '67.

Shor, K. G. [Translated television channel selector stages] Blok PTK na tranzistorakh. Moskva, "Energiya," 1968, 47 p. (Massovaya radiobiblioteka, Vyp. 071).

Study of flicker noise of high-frequency transistors. V. I. Ananyev, *Trudy LPI* no. 260:62-64 '68.

Study of the diffusion of impurity atoms from a finite thickness layer into an uncoated silicon crystal. A. I. Ushakovskii, M. S. Shevelenko, S. Zh. Kolomoita, *Trudy NPI* 170:71-74 '67.

Thermoelectric properties of cadmium antimonide doped with lithium and thallium. M. Makalmonko, Sh. Mavlov, *Dokl. AN Tadzh. SSR* 11 no. 1:20-25 '68.

Two-cycle semiconductor power unit. V. M. Antikhin and others. *Trudy MFT* no. 267:140-161 '68.

Unit for checking and controlling magnetic memory elements of thin-film matrices. A. D. Bekh, V. M. Korvankin, D. I. Pavlov, *Mekh. i avtom.* upr. no. 6: 28-31 N 11 '67.

Use of exponential law in determining the average life of electronic tubes and semiconductor devices. F. I. Paltayev, *Stand. i kach.* 31 no. 12:37-38 D '67.

Use of flywheels as piezoelectric antennas. V. D. Zakorkin, *Pril. i sist. upr.* no. 1:55-56 Ja '68.

Use of tunnel diodes in networks for measuring time parameters of impulse signals. V. A. Tof, M. N. Viorshin, *Trudy MFT* no. 261:113-123 '68.

Using acoustic waves in the treatment of silicon and other solid brittle materials. A. V. Bondarenko, A. K. Bolyshev, E. F. Zhurid, *Trudy NPI* 170:75-78 '67.

Variation of the synthesis and growing of single crystals of solid solutions as exemplified by the system PbTe-PbS. S. Kuzimov, *Dokl. AN Tadzh. SSR* 11 no. 1:26-29 '68.

621.383 Photoelectric tubes, cells, image converters

Apparatus for detection of photoelectrons. A. S. Gritin, L. D. Pankov, *izv. vuz. ucheb. zav. i prib.* 11 no. 1: 105-108 '68.

Dependence of the density of a short-circuit current of silicon photoelectrons on the angle of incidence. T. M. Golovov, *Radiofizika* no. 1:3-8 '68.

Effect of light radiation on the passage of a current through an intercalated space. M. N. Deviatkov, V. F. Sharikina, *Vest. Mosk. un. Ser. 3, Fiz., astron.* 23 no. 3:119-120 May-June '68.

Possibility of producing cascade photoelectrons and others. *Radiofizika* no. 1:8-20 '68.

621.384 Production of active rays, corpuscular beams

Attachment of mass analyzers to sealed electrovacuum devices. I. S. Savchenko, *Zav. lab.* 34 no. 3:372-373 '68.

Certain characteristics of machining dielectrics with an electron beam. V. V. Beshenko, S. Kh. Il'iasova, E. A. Nikolskaya, *Fiz. i khim. obr. mat.* no. 1:16-19 '68.

Effect on the synchrotron amplification of the dependence of the lifetime of levels on the parameters. D. V. Gal' tsov, I. U. G. Pavlovskiy, *Vest. Mosk. un. Ser. 3, Fiz., astron.* 23 no. 2:101-108 May-Apr '68.

Identification of C₅ hydrocarbons in the oil-petroleum fraction with the aid of a mass spectrometer. V. G. Sukolov and others. *Koks i khim.* no. 4:30-38 '68.

Optical laser receiver without redundant noise. M. E. Gertsenshtein, I. A. Boloshtin, *Radiofizika* 23 no. 5: 2-7 May '68.

Quasi-linear theory of electron beam relaxation in a magnetic plasma. V. D. Shapiro, V. I. Shevchenko, *Zhur. eksp. i teor. fiz.* 54 no. 4:1187-1202 Apr '68.

The 2 GeV linear electron accelerator of the Physico-technical Institute of the Academy of Sciences of the Ukrainian S. S. R. V. I. Holozov and others. *Atom. energ.* 24 no. 8:540-545 '68.

Use of radioisotopes in the physics of the White Russian S. S. R. E. A. Zhykharov, *Vostochno-AN DSSR, Ser. fiz.-tekh. nav.* no. 1:44-51 '65.

621.385 Electronic discharge tubes

Chorepanov, V. P., V. M. Konovskikh, and V. N. Ilyov, [Gas-discharge noise sources] Gazozarizadiye islochniki shumov. [Moskva] "Sov. radio," 1968, 55 p. (Klementy radioelektronnaya apparatura, 12)

[Electronic and ionic devices. Methodological textbook for practical work] Elektronnyye i ionnyye pribory. Ucheb.-metod. posobie k praktikumu. Pod obshch. red. V. S. Andrushevskaia i V. N. Shevchika. Saratov, Izd. Sarat. un-ta, 1967, 251 p.

Field emission patterns of a tungsten single crystal in the case of hydrogen adsorption. A. P. Komar, I. U. K. Ustinov, V. D. Ielov, *Dokl. AN SSSR* 170 no. 3:568-570 May '68.

Use of exponential law in determining the average life of electronic tubes and semiconductor devices. F. I. Paltayev, *Stand. i kach.* 31 no. 12:37-38 D '67.

621.386 X-ray tubes and accessories

Sensitivity of the modified form of ferric sulfate dosimetric system. T. V. Itskhakov, I. U. S. Itskhakov, *Med. rad.* 13 no. 3:64-66 May '68.

Silovskiy, I. V. [Tables for determining the periods of crystal lattices using the KFOR-4 X-ray goniometer] Tablitsy dlya opredeleniya periodov reshetki kristallov na rentgenogoniometre KFOR-4. Alma-Ata, 1967, 48 p.

621.387 Gas-filled tubes, counters, thyristors

Excitation of tungsten cathodes in plasma tubes of variable current. V. S. Ilorova, T. G. Rublev, *Teplota, vuz. temp.* 6 no. 3:500-503 May-June '68.

621.388 Other electronic apparatus

Electronic integrator for physiological studies. I. U. I. Gaovali, *Trudy Form. gos. med. inst.* no. 5:103-106 '63.

Electronic level indicator. I. I. Galyuker, V. A. Tretyakova, *Trudy MFT* no. 261:124-126 '68.

Experiment in the quantitative measuring of ballistocardiac impulses using the integrator. A. N. Kosakov, G. A. Shumko, *Trudy Perm. gos. med. inst.* no. 5:475-479 '63.

Use of electronic automatic self-recording potentiometer in the study of the microclimate of residential buildings. V. G. Popov, *Nauch. trudy OMI* no. 01:199-201 '65.

Use of integrator in the study of elementary bioelectric activity of the heart. M. F. Bolotova, I. U. Gaovali, *Trudy Perm. gos. med. inst.* no. 6:409-473 '63.

621.39 Telecommunication

Peculiar uses of outer space. B. Izakov, *Nov. vrem.* 26 no. 34:12-13 Ag '68.

[Semiconductor devices in electrical communication] Poluprovodnikovye pribory v tekhnike elektronsvyazi. Sbornik statei. Pod red. I. F. Nikolovskogo. Moskva, "Svyaz," Vyp. 1, 1967, 203 p.

621.391 General electrical (communication) problems

Accuracy of the measurement of one parameter with amplified-phase distortion of signal. V. I. Karpukhin, *Radiofizika* 23 no. 5:73-75 May '68.

Carrying capacity of electrical communication channels with fluctuating parameters. A. A. Voronin, *Radiofizika* 23 no. 5:68-72 May '68.

Cognition of information of high-frequency communication signals in electric power transmission lines of an oil field. I. A. Monin, *Mosk. inzh. obr. mat.* no. 5:23-25 '68.

Evaluating the effectiveness of control techniques. I. P. Slevnikov, *Mosk. sbor.* 50 no. 5:69-73 May '67.

Evaluation of time distortions of binary shortwave signals due to finding. V. M. Rozov, *Radiofizika* 23 no. 7:53-60 '68.

Fluctuations in self-oscillators with periodically non-stationary shot noise. A. N. Bruvich, *Radiofizika* 23 no. 5:35-42 May '68.

Interference rejection of binary reception in binary systems with underdetermined moment of signal arrival. I. A. Tsikina, A. S. Akushkin, *Trudy LPI* no. 260:81-86 '68.

On the theory of wireless electric communication channels with relays. I. U. S. Kogelitskii, *Zo tekhn. prog.* 6 no. 6:7-8 June '66.

Optimal spatial treatment of signals. A. N. Iur'ev, *Radiofizika* 23 no. 5:63-67 May '68.

Program for decoding Reed-Muller codes. E. I. Galyuker,

621.5 (Continued)

- Means of increasing the productivity of pumping installations. L. I. S. Geller, M. I. Markovskii. *Gidrotexnol.* 23 no. 3:37-39 May '68.
- Technique for placing holes in the ground. E. S. Gurovskii, A. A. Mikhlin. *Stroitel'stvo* 24 no. 3:28-31 May '68.
- Progress in the construction of compressor stations. *Stroitel'stvo* 12 no. 3:35-36 May '67.
- Water, G. A. Dynamics and strength of centrifugal compressor machines. *Dinamika i prochnost' tsentrobegnykh kompressorov mashin*. Leningrad, "Mashinostroenie," 1968. 259 p.
- Quality of manufacture of engine valves for piston compressors. M. I. Frankel, B. A. Shtokler, L. I. Mikhlin. *Tram. energ.* 23 no. 5:27-31 May '68.
- Results of testing a freon refrigerator plant on the large refrigerated fishing trawler "Gzhigla." T. L. Alimova and others. *Sudostroyeniye* 59 no. 3:17-21 May '68.
- Russian type, C. Moshin. *Izobr. i izm.* no. 11:6-8 '67.
- Selection of an anticorrosion coating for freeing chambers and for various metal constructions on ships. E. M. Krut'kov, L. A. Kuznetsov, M. I. Mikhlin. *Stroitel'stvo* 24 no. 3:28-31 May '68.
- Storage of refrigerating facilities. A. Zhuravlev. *Stroitel'stvo* 12 no. 3:32-34 May '67.
- Stand for testing the quality of repair work done on boiler and engine components. M. I. Koshchik. *Mekh. stroy.* 23 no. 3:22-24 May '68.
- Study of heat exchange and hydraulic resistance of the gas-liquid heat exchanger from flat-welded pipes with corrugated tubes. P. V. Zozulitsa, B. L. Kallina. *Khim. prom. SSSR* no. 2:28-33 Jan-Feb. '68.

621.5(471.21)—Murmansk Province

- Effect of the plastic thickness on the yield of early potatoes. M. A. Vasil'eva. *Uch. zap. Petrosav. gos. un.* 14 no. 3:147-151 '68.

621.5(477)—Ukrainian S. S. R.

- Opposite compressors at the Sumy Plant named after Frunze. I. V. Simchen. *Khim. i nef. mashinostr.* no. 4:43-44 Apr '68.
- Water-casting tower with aluminum packing. I. F. Goriunov, V. P. Alekseyev, N. G. Surikov. *Khark. t. khol. prom.* 12 no. 7:39-39 May '68.

621.5(478)—Moldavian S. S. R.

- Study of some physical factors influencing seeds for raising growth yield by the hydroponic method. I. N. Lysikov, M. U. Vasilevskii. *Trudy Khim. tekhnol.* 1968. 46 no. 3:149-151 '68.

621.6 Fluid distribution. Storage containers. Pipes. Pumps

- Analysis of the operation of the "Burui-III" boring bar pumping installation in field conditions. T. S. Alverdi-Zade. *Za tekhn. prog.* 6 no. 6:33-34 May '68.
- Approximate solution of the problem of nonstationary flow of a viscous fluid in a circular cylindrical pipe. T. R. Fildarov. *Izv. vuz. ucheb. zav. i nelli' gaz II* no. 1:21-25 '68.
- Automatic gas-regulating station. A. M. Filinov, P. I. Kuznetsov. *Gaz. prom.* 12 no. 5:27-29 May '68.
- Welded flange for moving sections. L. A. Bilanetski. *Stroitel'stvo* 12 no. 12:23 '67.
- Builder's report. *Stroitel'stvo* 12 no. 11:10-15 May '67.
- Calculating the speed of trenchless pipeline laying under the action of impact load. G. N. Peskov. *Stroitel'stvo* 12 no. 5:24-26 May '67.
- Calculation of basic parameters of free-piston diesel pumps. V. M. Shere, E. M. Kharitonchik. *Trudy CHIMESKII* no. 24:131-145 '65.
- Calculation of hydraulic braking at the wheel entrance of an impeller of a centrifugal pump. A. S. Shapiro, L. V. Nekhtov. *Vest. mashinostr.* 48 no. 5:25-27 May '68.
- Causes of the wear of the runner seals of PE 430-200 feed pumps. A. N. Turkin, V. E. Chogurko. *Flek. sta.* 39 no. 6:32-37 May '68.
- Construction of trenchless under-road crossings by blasting. V. A. Krivov, D. A. Vrubel'. *Stroitel'stvo* 12 no. 5:29-30 May '67.
- [Construction specifications and regulations] *Stroitel'nye normy i pravila*. Izd. of the Moscow, Stroiizdat.
- Ch. 3. Razd. G. Gl. 10. 3. [Pumps. Regulations for the execution of assembly work and acceptance of completed work] *Nasosy. Pravila proizvodstva i priemki montazhnykh rabot*. SN i P. III-G. 10. 3-62. *Uch. izv. 1963 g.* 1967. 21 p.
- Corrosion of reinforced concrete pipes. V. S. Artamonov. *Stroitel'stvo* 12 no. 12:15-17 May '67.
- Degrading oxygen pipes. A. I. Khamov, F. F. Kuznetsov. *Mon. i spets. rab. v stroit.* 29 no. 8:16-18 May '67.
- Determining the frequency of self-oscillations of over-length freight during transportation on semitrailers. S. S. Melnikov. *Stroitel'stvo* 12 no. 7:19-20 May '67.
- Determining the parameters of testing helically welded pipes with a diameter of 1020 mm. I. D. Kuznetsov and others. *Stroitel'stvo* 12 no. 12:10-12 May '67.
- Developing consolidated network schedule graphs for project assignments. A. N. Vyol'skii. *Stroitel'stvo* 12 no. 7:14-15 May '67.
- Duplicator of the mechanism for opening the lid of horizontal vessels with a bayonet catch. V. M. Makarov, V. I. Nevenko. *Khim. i nef. mashinostr.* no. 4:10-11 Apr '68.
- Economic effectiveness of crossings on the basis of comprehensive evaluations. A. P. Danin. *Stroitel'stvo* 12 no. 4:10-21 Apr '67.

- Effect of pressure and vacuum on the feed ratio of direct-acting piston pumps when pumping viscous liquids. M. G. Sidorov. *Za tekhn. prog.* 8 no. 4:23-25 Apr '68.
- Efficient system of payments for the use of machinery. T. Bartakovich, M. Khachaturov. *Stroitel'stvo* 12 no. 1:21-22 Apr '67.
- Electric power supply to welding converters from a single power installation. V. A. Korotkov and others. *Stroitel'stvo* 12 no. 5:10-21 May '67.
- Electrolytic corrosion protection of pipelines. V. I. Glazkov. *Stroitel'stvo* 12 no. 11:24-27 May '67.
- Eliminate mistakes in the price list. V. Tsokurenko, S. Vshitskiy. *Stroitel'stvo* 12 no. 12:26 May '67.
- Experience in advanced pipe laying. *Prom. stroit. i inzh. soor.* 10 no. 1:43-45 Jan-Feb '68.
- Experience with the use of the UVV-1 vacuum water draining device. K. S. Bogolubov. *Osn. fud. i mekh. gorn.* 8 no. 4:19-20 '68.
- Experimental study of the mutual effect of turns in the flow of viscous fluids. L. A. Zhdanov. *Izv. vuz. ucheb. zav. i nelli' gaz II* no. 1:67-69 '68.
- Formulation of the gas industry. F. D. Levin. *Stroitel'stvo* 12 no. 5:8-13 May '67.
- First high-speed construction of a pipeline. F. D. Levin. *Stroitel'stvo* 12 no. 7:9-13 May '67.
- A 5-kil. manual laboratory pump. A. S. Okunevich, M. A. Petukhov, A. I. Chudakov. *Zav. lab.* 34 no. 3:373-374 '68.
- Free-piston diesel pump with a V-shape mechanism for direct hydraulic drives. R. M. Bashirov, E. M. Kharitonchik. *Trudy CHIMESKII* no. 24:125-130 '65.
- From year to year. *Stroitel'stvo* 12 no. 11:10-20 May '67.
- Heterogeneous structure in joints welded by the pressure method. I. A. Shcherba. *Stroitel'stvo* 12 no. 12:12-14 May '67.
- Hotting of hardened iron bushings of deep-well pumps with synthetic diamond bars. G. A. Altrapov and others. *Za tekhn. prog.* 6 no. 6:30-33 May '68.
- Increasing the life of the operation of the elbows of pipes carrying pulverized coal and decreasing of their repair costs. R. I. Nezhankin. *Elek. sta.* 39 no. 3:65-67 May '68.
- [Instructions on the use of control methods for testing welded joints of structural members and pipelines] *Instruktsiya po metodam kontrolya, primenyaemykh pri proverke kachestva svarnykh soedinenii stali i spetsial'nykh konstruktivnykh truboprovodov*. SN 375-67. Izd. of the. *Uch. izv. 20/VI 1967 g.* Moscow, Stroiizdat, 1968. 70 p.
- Investigating the crackshaft-type motor-vacuum pump with a multistage piston. L. S. Slonim, V. A. Trukhinov. *Trudy CHIMESKII* no. 24:159-167 '65.
- Investigating the operation of a centrifugal pump with a shortened back wall. K. A. Batulov, A. Kurbanov. *Za tekhn. prog.* 6 no. 6:24-26 May '68.
- Investigating the work regime of horizontal drilling devices. G. F. Lavrov, M. I. Gal'perin. *Stroitel'stvo* 12 no. 7:16-18 May '67.
- Laying a pipeline under roads using the stage boring method. L. N. Solov'ev. *Stroitel'stvo* 12 no. 7:27-31 May '67.
- Laying a polyethylene gas pipeline. K. G. Vollenburg, V. M. Chernavskii. *Stroitel'stvo* 12 no. 12:21-22 May '67.
- Laying process pipelines on pile foundations. I. I. Matveev. *Stroitel'stvo* 12 no. 4:33-34 Apr '67.
- Major trends in technical progress in pipeline construction. *Stroitel'stvo* 12 no. 11:2-5 May '67.
- Making trenches in bogs by blasting. O. M. Ivonov, V. P. Mestnikov. *Stroitel'stvo* 12 no. 5:27-29 May '67.
- Measures for improving working conditions and safety engineering. *Stroitel'stvo* 12 no. 4:38 Apr '67.
- Mechanization of operations in pipeline maintenance and overhauling. R. M. Bokonov, R. Kh. Khatyev, A. A. Nikitin. *Stroitel'stvo* 12 no. 4:29-31 Apr '67.
- Method for calculating two-layer glass-plastic pipes. I. M. Kershteyn. *Khim. i nef. mashinostr.* no. 4:7-9 Apr '68.
- Modern methods of regulating centrifugal pumps. V. S. Popov. *Trudy VODGO* no. 8:41-45 '64.
- Modernization of insulating machines. B. I. Krol', O. P. Egorov. *Stroitel'stvo* 12 no. 5:31-33 May '67.
- Modernizing the preparation of bitumastic. A. G. Lev, V. A. Levchenko. *Stroitel'stvo* 12 no. 5:32-33 May '67.
- "Mosgazprovodstroil" Trust on the eve of the 50th anniversary of the Soviet State. *Stroitel'stvo* 12 no. 7:7-8 May '67.
- "Neftepromontazh" Trust on the eve of the glorious anniversary. N. A. Vorob'ev. *Stroitel'stvo* 12 no. 5:7-11 May '67.
- Network schedule model of the construction of the linear part of a main pipeline. A. I. Lubyant, A. G. Molekoyev, A. I. Borozderkov. *Stroitel'stvo* 12 no. 12:24-26 May '67.
- New forms for the construction period of pipelines. L. G. Telgin. *Stroitel'stvo* 12 no. 7:30-31 May '67.
- Offshore pipeline for the Nanyang oil pipeline. L. N. Spector, V. G. Terent'ov. *Stroitel'stvo* 12 no. 5:15-16 May '67.
- Once more about the performance of ejection core pipes. A. A. Grebeniuk. *Razved. i tekhn. nedr.* 34 no. 5:30-31 May '68.
- Organization of central control service in the construction enterprises of the gas industry. *Stroitel'stvo* 12 no. 4:30 Apr '67.
- Permafrost and its effect on gas pipelines as related to various pipe laying methods. M. Poretskiy. *Stroitel'stvo* 12 no. 12:9-11 May '67.
- A petroleum pipeline has been completed. *Stroitel'stvo* 12 no. 12:1 May '67.
- Pipeline laying through a marsh. V. I. Emel'yanov. *Stroitel'stvo* 12 no. 11:18-19 May '67.
- Possibility of using a polyethylene rotor in pumping seawater. S. A. Abdurashitov, M. A. Karaev, N. N. Gudin. *Za tekhn. prog.* 6 no. 6:36-37 May '68.

- Problems of further improvement of pipeline projecting. D. D. Margulov. *Stroitel'stvo* 12 no. 5:12-14 May '67.
- Problems of storage, transportation, and bunkering of liquefied gas vessels. M. D. Mikhlin. *Za tekhn. prog.* 8 no. 1:40-43 Jan '68.
- Progress in fulfilling socialist obligations for the ahead-of-schedule completion of the construction of the gas pipeline from Soviet Central Asia to Central Russia. *Stroitel'stvo* 12 no. 4:2 Apr '67.
- Progress in fulfilling socialist obligations for the ahead-of-schedule completion of the construction of the Ural-Balk-Ob-Omak petroleum pipeline. *Stroitel'stvo* 12 no. 4:1 Apr '67.
- Progress in the construction of compressor stations. *Stroitel'stvo* 12 no. 5:5-6 May '67.
- Prospects for the construction of underwater pipelines. S. I. Levin. *Stroitel'stvo* 12 no. 7:9-13 May '67.
- Provisional rules on the designing of underground storage in stable rocks. SN 310-68. A. P. Shteyn, O. M. Krol', M. G. Gorn. 8 no. 4:30-32 '62.
- National characteristics of the 14-kilohm element in the system of automatic control in the discharge of a piston pump with a V-shape mechanism. R. M. Bashirov, E. M. Kharitonchik. *Trudy CHIMESKII* no. 24:131-133 '65.
- Regulations for the acceptance for operation of compressed air pipelines, multistage, non-kilohm, and plants of the petroleum industry. *Stroitel'stvo* 12 no. 4:37-38 Apr '67.
- Reinforced concrete pressure pipes and parallelities for their use. R. A. Shcherbakova, A. G. Gerasimov. *Stroitel'stvo* 12 no. 1:10-12 Apr '67.
- Relative coefficients of pressure loss and efficiency of cone pumps in pumping of viscous fluids. S. A. Abdurashitov, I. M. Vorob'ev, V. P. Shteyn, Z. A. Krol'. *Stroitel'stvo* 12 no. 5:37-40 May '65.
- Reliability and durability of single-plunger diesel-type fuel pumps. L. N. Karpov, R. N. Zolotarev. *Zap. i. Sibir. 100:260-262 '67.*
- Replies to technical inquiries. *Stroitel'stvo* 12 no. 12:20-27 May '67.
- Reservoir for liquid bitumen. K. G. Vollenburg. *Stroitel'stvo* 12 no. 7:26 May '67.
- Results of building research in the gas and petroleum production industry. A. M. Zinovich. *Stroitel'stvo* 12 no. 12:4-7 May '67.
- Results of testing the 10000-21-I blower of coke-oven gas. V. P. Vitenko, A. A. Gulyukin. *Koksh. i khrn.* no. 8:42-44 '68.
- Selecting pipe materials for gravitational delivery conduits. G. Mikhlin. *Prum. Ann.* 10 no. 2:45-55 '68.
- Selection of a alkali atomizer for a direct flow dryer. O. V. Kozlovskii. *Trudy VMI* no. 49:103-104 '68.
- Simplified calculation of vacuum at the pump inlet. I. M. Myshlovskii. *Vest. mashinostr.* 48 no. 5:20-31 May '68.
- Simplified formulas for calculating Z-and V-shaped compressors. A. O. Iosad, V. V. Pavlov. *Stroitel'stvo* 12 no. 4:25-26 Apr '67.
- A single principle for agreements is needed. V. G. Gerasimov. *Stroitel'stvo* 12 no. 5:35-36 May '67.
- Socialist obligations of workers of the Ministry of the Gas Industry in honor of the 50th anniversary of the Great October Socialist Revolution. *Stroitel'stvo* 12 no. 4:1-5 Apr '67.
- Start characteristics of the 100-600-300 feed pump with a hydraulic clutch in a 300 kW block. A. N. Tikhon. *Elek. sta.* 39 no. 8:44-46 Apr '68.
- Study of diaphragm-type mixers. N. O. Kovorkina. *Izv. vuz. ucheb. zav. i nelli' gaz II* no. 4:100-108 '68.
- Study of pipe heating by a magnetically controlled arc. V. D. Tarnan, A. F. Sivov. *Izv. vuz. ucheb. zav. i nelli' gaz II* no. 4:103-107 '68.
- Study of the plastic sprinkler used in vent ducts. V. A. Chudakov, R. A. Narmenov. *Trudy VODGO* no. 8:31-30 '64.
- Studying down-well communication channels when operation wells with submersible centrifugal electric pumps. I. A. Krol', A. A. Mamedov. *Za tekhn. prog.* 8 no. 1:28-30 Jan '68.
- Studying hydrodynamic erosion by the flow of drilling mud in a valve gap. S. D. Babinov. *Mash. i nef. obr.* no. 8:20-22 '68.
- Studying the parameters of heating large-diameter pipes. V. G. Krikun, O. I. Kononov. *Stroitel'stvo* 12 no. 5:22-23 May '67.
- TSN150-type high-pressure centrifugal pumps for the topological water into oil formations. E. I. Bikhulenko, A. Z. Makhin. *Mash. i nef. obr.* no. 8:3-7 '68.
- Technology and organization for constructing the linear part of main pipelines. L. G. Telgin. *Stroitel'stvo* 12 no. 11:22-26 May '67.
- Testing an ejector on the ZGM-1-350A suction dredge. N. I. Kovorkina, I. G. Gerasimov. *Mekh. stroit.* 25 no. 2:10-12 Feb '68.
- Thermal conductivity of a body of heterogeneous semi-confined mass when transmitting heat from a pipe. V. D. Ol'kh, A. Sh. Asaturian. *Izv. vuz. ucheb. zav. i nelli' gaz II* no. 1:55-57 '68.
- Thermoelectric heating and cooling devices. S. M. Lukomskii, E. R. Tikhon, A. M. Kozlov. *Gidrotekhnika* no. 1:50-58 '68.
- The oil device for feed pumps. V. Z. Khomutskii. *Energoliz* 10 no. 3:10 Feb '68.
- Tightening jack for assembling asbestos cement and reinforced concrete pipes. V. V. Tarkhanov. *Stroitel'stvo* 12 no. 7:33-34 May '67.
- Transportation of crane excavators and pipelaying machines on special design trailers. E. M. Vilenchik. *Stroitel'stvo* 12 no. 4:31-32 Apr '67.
- Trenching on the Ural-Balk-Ob-Omak track in the winter of 1960 and 1967. P. A. Davidovich. *Stroitel'stvo* 12 no. 7:21-23 May '67.
- Ukhla-Torzhok Gas pipeline. D. P. Babenko, N. P. Vasilev, B. D. Makarov. *Stroitel'stvo* 12 no. 4:6-10 Apr '67.
- Unit for cleaning the inside of pipes. I. Efremova. *Stroitel'stvo* 12 no. 12:30-31 May '67.

621.6 (Continued)

Use electric drives with highly multiple control systems for pipe rollers. G. A. Chernakov, U. A. Privalov. Stroitel'mashinostroyeniye, 12 no. 7-29, 31 '67.

Use of hydrocyclones for purifying water used in stuffing boxes of centrifugal pumps. A. M. Fominykh. Vod. i san. tekhn., no. 7-31 '68.

Use of vortex pipes in the installations of gas pipelines. O. G. Belskiy, A. S. Iudin. Gaz. prom., 13 no. 5-10, 13 My '68.

Using a float-regulator in the bottom tunnel conduit of a water intake. U. R. Mirza-Zado, V. I. Isaev. Za tekhn. prog., 8 no. 3-42-43 My '68.

Using helicopters in pipeline location surveying. M. P. Karpenko. Stroitel'mashinostroyeniye, 12 no. 4-27-28 Ap '67.

Ways to improve the power source for electric arc welding. A. G. Mazuk, M. Z. Shetkin, K. K. Khrenov. Stroitel'mashinostroyeniye, 12 no. 5-17-19 My '67.

621.6(44)—France

Combined cathodic protection of oil-field pipelines and wells in the Lacq field. Stroitel'mashinostroyeniye, 12 no. 5-37 My '67.

621.6(471.23)—Leningrad Province

Gasoline pipeline under the "Road of Life." S. I. Levin. Stroitel'mashinostroyeniye, 12 no. 4-11 Ap '67.

621.6(471.310)—Moscow City

Wearings from MS-3 steel with reinforcement surfacing. V. F. Dubrov. Mont. i spets. rab. v stroit., 20 no. 8-20-22 Fe '67.

621.6(471.43)—Kuybyshev Province

Standard crack end caps for cast iron pipelines. A. V. Mirzayev, V. S. Makogonov. Stroitel'mashinostroyeniye, 12 no. 7-32-33 Ji '67.

621.6(471.5)—Ural regions

Increases the economic efficiency in construction. B. A. Korotkov. Stroitel'mashinostroyeniye, 12 no. 7-26 Ji '67.

621.6(471.54)—Sverdlovsk Province

Wear of pumps at the Kachkanar Mining and Ore Dressing Combine. V. D. Shubik, L. P. Beloruzhnyy. Izv. vys. ucheb. zav.: gor. zhur., no. 6-118-119 '68.

621.6(477)—Ukrainian S. S. R.

Assembly of process polyethylene piping. A. N. Stetsional, I. U. S. Burdakov. Stroitel'mashinostroyeniye, 12 no. 7-24-25 Ji '67.

621.6(571)—Aral Sea R. S. R.

Efficient designs of temporary roads for the construction of pipelines in Western Siberia. N. G. Kulolaev, N. M. Tuplayev. Stroitel'mashinostroyeniye, 12 no. 4-14-16 Ap '67.

621.6(574)—Kazakh S. S. R.

Kazakhstan's water pipelines. K. A. Sivok. Stroitel'mashinostroyeniye, 12 no. 11-31-34 N '67.

621.6(575.1)—Uzbek S. S. R.

Advanced technology used in laying water pipelines in Tashkent. N. A. Sokratov, I. Kh. Danilov, Khairzhev. Stroitel'mashinostroyeniye, 12 no. 11-28-30 N '67.

621.6(73)—United States

Gas-turbine equipment of gas pipeline compressor stations in the United States. V. S. Bekeev, V. G. Tyryshkin, A. P. Chernobrovkin. Gaz. prom., 13 no. 6-21-23 My '68.

Types, methods for regulation, and parameters of feed circuits of power generating blocks in the U.S.A. S. K. Kotenok. Teploenergetika, 15 no. 5-88-91 My '68.

621.7 Workshop practice. Plastic working, forming

Bezuchko, I. I., M. E. Zubtsov, and L. N. Balnikina. [Pressure working of metals] Obrabotka metallov davleniem. Leningrad, "Mashinostroenie," 1967. 310 p.

Centrifugal casting and electromechanical machining increase the durability of rolls in rolling mills. A. Filippov and others. Mkh. i mek. prom., 34 no. 3-22-25 My '68.

Change in the properties of B1-766 steel in cold deformed state. E. I. Krut'asova. Teploenergetika, 15 no. 5-83-86 My '68.

Factors determining the formation of power particles in the process of atomization by a gas flow. I. M. Fedorchenko, O. S. Nishcheporenko. Dokl. AN SSSR, 170 no. 3-678-680 Mr '68.

Increasing the resistance of the upsetting tool of Kh12M steel. A. N. Tarasov. Metalloved. i term. obr. met., no. 6-65 Jo '68.

Methods of reconditioning plunger pairs of diesel engine fuel pumps. P. A. Nidkikh. Zap. I. SKhT, 109-238-242 '67.

Practical steps in establishing a repair base. S. Ilyobov. Mias. ind., SSSR, 30 no. 3-6-7 Mr '68.

A stand for aligning axle shaft casings. V. Kremlev. Avt. transp., 45 no. 12-51 D '67.

Temperature conditions in pipes during supercritical pressures. M. I. Shtil'man. Teploenergetika, 15 no. 5-57-61 My '68.

Vol'kov, O. I. [Economic efficiency of production mechanization and automation under mass and large-lot production] Ekonomicheskaya effektivnost' mekhanizatsii i avtomatizatsii proizvodstva v mashinostroyenii v usloviyakh massovogo i krupnoseriynogo proizvodstva. Moskva, "Mashinostroenie," 1968. 124 p.

Zhukov, A. A., L. P. Luzhnikov, and S. I. A. Dyukina. [Materials used in machinery manufacture. Pocket handbook] Mashinostroitel'nye materialy. Karmayoniy spravochnik Moskva, "Mashinostroenie," 1967. 192 p.

621.72 Pattern and die making

New design for lateral thread marks in press forms. N. A. Ritsosova, V. D. Litov, A. M. Skripnichenko. Khim. prom. Ukr., no. 1-48-49 Ja-F '68.

621.73 Forges. Forge and hammer work

[Forging and closed impression die forging of steel. Handbook in 2 volumes] Kuvka i ob'emnaya stanzovaya slali. Spravochnik v 2-kh t. Pod red. N. V. Storozheva. Izd. 2-o, pererabot. Moskva, "Mashinostroenie," 1967-1968. 2 v.

New machine tool for cold upsetting of rods in high-strength wire. I. B. Sintitskiy. Stroitel'mashinostroyeniye, 12 no. 4-21-22 Ap '66.

On the quality of forgings. I. F. Dogaichev. Stand. i kach., 31 no. 12-17-18 D '67.

Upsetting low-plasticity steels and alloys at high hydrostatic pressures. A. Kostova, A. Alabulva, Z. Ivanova. Prom. Aym., 10 no. 2-14-17 '68.

Using "Natri" electronic computers for the optimization of technological planning in making forgings of the type of the body of revolution. G. P. Totarin and others. Za tekhn. prog., 8 no. 3-10-11 Ap '68.

621.74 Foundries. Foundry work

Automatic valve for maintaining the level of working fluid in the tanks of casting machines. L. A. Kuvsov. Lit. proizv., no. 5-37 My '68.

Behavior of dry sands under conditions of rapid heating. I. I. Tolstov, V. K. Nodkov, F. S. Kvesha. Lit. proizv., no. 5-23-30 My '68.

Catalyzing gelling systems of small iron castings. K. V. Maslov, N. F. Shcheglov. Lit. proizv., no. 1-8-9 Jo '68.

Calculating of gating systems with centrifugal dirt traps for small iron castings. V. V. Chistakov. Lit. proizv., no. 5-33 My '68.

Casting by squeezing box blanks. V. N. Vinogradov, V. I. Gorskii. Lit. proizv., no. 1-3-5 Ja '68.

Casting properties of alloys. I. A. Nekhomel. Lit. proizv., no. 1-27-31 Ja '68.

Casting rolling mill coupling boxes from magnesium cast iron with spherulitic graphite. A. A. Stetsina, A. D. Bryzgalova, M. P. Fedosin. Stal' 39 no. 3-271 Mr '68.

Centrifugal casting of Al-1 alloy composite wheels. M. S. Ovsyev, E. A. Grigor'ev. Lit. proizv., no. 5-32 My '68.

Centrifugal casting of 50 mm diameter pipes in lightly cooled cast iron molds. V. G. Shilov, L. A. Semenov. Lit. proizv., no. 5-35-38 My '68.

Centrifugal painting and cleaning of chills for rolling mill rolls. I. A. Vygodskii. Stal. i vol. UNIM, no. 12-117-120 '67.

Conditions for increasing the plasticity and the toughness of acid electric steel. E. D. Maslennikov, V. A. Vorobina. Stal. i vol. UNIM, no. 12-310-316 '67.

Consumption of ethyl silicate and a solvent in precast casting. P. P. Nikitenkov, N. V. Shipulin. Lit. proizv., no. 1-45 Ja '68.

Cupolas with radiation recirculators and wet spark arresters. V. F. Nosovskiy. Lit. proizv., no. 5-38-37 My '68.

Cylindrical grinding mill pebbles from modified titanium-copper cast iron. V. N. Antuferev, T. G. Churpanova. Lit. proizv., no. 6-33-34 My '68.

Determining annual "excellent" program for the output of forgings. K. M. Velikanov, I. U. S. Prokof'ev. Tudy LPI no. 288-75-80 '67.

Determining the temperature field of a sand mold in centrifugal casting of cast iron pipes. V. G. Polshchinsk, A. N. Smolnikov. Lit. proizv., no. 1-36-37 Jo '68.

Effect of harmful impurities on the mechanical properties of acid electric steel. E. D. Maslennikov, V. A. Vorobina. Stal. i vol. UNIM, no. 12-305-309 '67.

Effect of vibration on the character of the distribution of shrinkage cavities in ingots. B. B. Gulyaev, N. G. Kasumzade, G. M. Mustafazade. Za tekhn. prog., 8 no. 4-31-33 Ap '68.

Elimination of porosity and cracks in reinforced castings. B. M. Galim, P. P. Lopykin. Lit. proizv., no. 1-41-42 Ja '68.

Empirical equations for mold packing by pressing. G. F. Balashov. Lit. proizv., no. 1-31-31 Ja '68.

Equipment for the proportioning of steel. E. S. Sidash, I. V. Frantsuzov, G. I. Nakhok. Lit. proizv., no. 5-10-11 My '68.

Experience in casting working wheels for vertical pumps. N. K. Polkovnikov. Lit. proizv., no. 1-44 Ja '68.

Feeding the G131 steel castings. B. L. Danilin, P. F. Vasil'evskiy, P. I. Vozhezhimov. Lit. proizv., no. 5-8-7 My '68.

Foundry corrosion-resistant steels of higher strength. I. N. Lukavskiy and others. Lit. proizv., no. 5-16-17 My '68.

Gas mold. A. Stroganov. Izobr. i rat., no. 1-21-23 '68.

Improving the quality of foundry coke. B. P. Kiselev, V. D. Frishberg. Koka i khim., no. 4-25-27 '68.

Improving the quality of ingots in casting stainless steel with exothermic briquettes. I. D. Donets and others. Stal' 38 no. 3-236-237 Mr '68.

Improving the quality of precast castings. V. R. Balitskiy, V. G. Lebedeva, A. I. Stetschenko. Lit. proizv., no. 1-44-45 Ja '68.

Inserta krachkov grida with self-balance. I. A. Kozlovich. Lit. proizv., no. 5-30-31 My '68.

Influence of crystallization processes on shrinkage expansion. V. R. Balitskiy. Lit. proizv., no. 1-23 Ja '68.

Influence of the final crystallization on the surface properties of steel. V. S. Shilov, N. A. Gedelevich, O. P. Jemalov. Lit. proizv., no. 5-25-26 My '68.

Inserted refractory lining of electric furnaces. A. S. Simogol'skiy. Lit. proizv., no. 3-36 My '68.

Intricate mold for pressure die casting. E. Kh. Kontorovich, Z. A. Puryulina. Lit. proizv., no. 1-43-44 Ja '68.

Kinetics of the crystallization of titanium cast iron. I. U. V. Mostaev, G. A. Kula, A. V. Chernov. Lit. proizv., no. 5-21-23 My '68.

Machine molding in small batch production. V. V. Chistakov. Lit. proizv., no. 1-48 Ja '68.

Main features in the production of massive chills castings. I. O. Tsygint and others. Lit. proizv., no. 5-31-32 My '68.

Mechanical properties of steel in massive castings. V. A. Denisov and others. Lit. proizv., no. 1-37-40 Ja '68.

Methods of investigating the packing by pressing. E. F. Kham, L. E. Komarov, D. P. Ivanov. Lit. proizv., no. 5-12-15 My '68.

Modernization of mullers, model M5. A. A. Semov. Lit. proizv., no. 5-35 My '68.

A new method of intruding the blast into cupolas. M. K. Shtu, V. A. Purov, V. G. Sukhtev. Lit. proizv., no. 1-17-18 Ja '68.

A new method of venting molds in pressure die casting. A. A. Ryzhikov, S. Z. Zlotin, N. K. Stobov. Lit. proizv., no. 1-9-11 Ja '68.

Optimum structure of cast iron for ingot molds. N. P. Nikolskiy and others. Lit. proizv., no. 5-43-45 My '68.

Port Ivanovich Talanov: on the 70th anniversary of his birthday. Lit. proizv., no. 5-16 My '68.

Preparing the charge for induction smelting of synthetic cast iron. D. P. Ivanov and others. Lit. proizv., no. 1-43 Jo '68.

Prevent conditions and tasks of further studies with regard to sand-blowing processes. V. I. Isachenko. Lit. proizv., no. 1-16-17 Ja '68.

Prediction of thin-walled shells from dry thermoreactive sands. V. O. Nikolayenko, I. M. Ryvkin, R. L. Serezhko. Lit. proizv., no. 1-14-16 Ja '68.

Properties of cast and strained 5Kh19V cast steel. I. I. Bel'skiy. Lit. proizv., no. 5-41-42 My '68.

Re-designing the movable bottom of cleaning shell molding machines. G. I. Efimov. Lit. proizv., no. 5-30 My '68.

Reinforcement of heat-resistant castings. I. L. Reva, Z. B. Shupin, V. V. Koshchikov. Lit. proizv., no. 1-48-50 Ja '68.

[Safety rules and industrial sanitation in machinery industry foundries] Pravila i tekhniki bezopasnosti i proizvodstvennoy sanitarii v litomom proizvodstve mashinostroyenii i promyshlennosti. Ukr. 19/XI 1958 g. S. 21. 1 dep. of 20 avg. 1958 g. Moskva, "Mashinostroenie," 1957. 71 p.

Salt shell cores. V. K. Novozhilov, N. S. Sorokina. Lit. proizv., no. 1-11-13 Jo '68.

Segregation in cast high-chromium pig iron, and its heat treatment. S. N. Ivanov, I. E. Lev, K. N. Mininlov. Khim. Lit. proizv., no. 5-26-28 My '68.

Selecting materials for pattern rigging. I. P. Kondrat'ev, B. B. Gulyaev. Lit. proizv., no. 5-7-8 My '68.

Selecting optimal values of working parameters for sand-blowing press machines. R. L. Gellor, V. V. Krin. Lit. proizv., no. 1-11-22 Ja '68.

Shrinkage of the antimony-alloyed gray cast iron. I. M. Kozlov, I. A. Buskov. Lit. proizv., no. 5-38-39 My '68.

Smelting the gray cast iron in foundry plants of the automobile and tractor industry. A. N. Ilyubov and others. Lit. proizv., no. 5-1-3 My '68.

Stability of the primary austenite of cast iron. M. P. Evshukov, M. L. Primenkova. Lit. proizv., no. 5-23-25 My '68.

A substitute for lycopodium powder. I. A. Krotov. Lit. proizv., no. 1-15 Ja '68.

Substituting the air-arc cutting for foiling. V. S. Pavlichenko. Lit. proizv., no. 1-5-7 Ja '68.

Symposium on "Properties of metallurgical molds." Zav. lab., 34 no. 2-252 '68.

Technology of making castings of impellers for vacuum pumps. A. A. Markov. Khim. i nef. mashinostroyeniye, no. 4-31-33 Ap '68.

Technology of the rapid production of ceramic shells for precast casting. V. A. Skazhenko. Lit. proizv., no. 1-3-3 Ja '68.

Use of oxygen for smelting high-manganese steel by the remelting method. I. U. A. Shul'ev and others. Lit. proizv., no. 5-40-41 My '68.

Use of precast cast blanks in machine-tool construction. I. N. Syrovatkinova. Vest. mashinostroyeniye, 48 no. 5-82-83 My '68.

Using the manganese ore in cupola smelting of cast iron. V. S. Stepanov, V. F. Troitskiy, L. G. Geln. Lit. proizv., no. 5-4 My '68.

Vacuum treatment of ball-bearing steel combined with synthetic slag processing. I. I. Anshakov and others. Stal' 38 no. 3-227-230 Mr '68.

Vasiliy Nikolaevich Pantoleev, obituary. Lit. proizv., no. 5-46 My '68.

Vertical slit galling systems with reverse aprons. I. U. P. Poruchikov, V. D. Toporov. Lit. proizv., no. 5-4-6 My '68.

Voslozheniya nauchno-tekhnicheskoe soveshchaniye po avtomatizatsii i mekhanizatsii proizvodstva litomogo proizvodstva. 2d. [Automation of melting and casting processes. Automation and mechanization of foundry processes. Abstracts of reports] Avtomatizatsiya i mekhanizatsiya litomogo i krasnolivnitskogo proizvodstva. Tezisy dokladov. Lugansk.

Welding of iron castings. G. G. Lovchikov. *Svark. i dor. mash.* 13 no. 4:29-30 Ap '68.
Welding of granular alloy to built-up parts. A. A. Zolotarevskii. *Mak. i elev. prom.* 34 no. 3:51 Apr '68.

821.791 Welding and allied techniques

Accepting open-arc alloy wire welding in the assemblage of electric power installations. V. V. Vorobiev, H. T. Timofeev, I. M. Sachin. *Avtom. svar.* 21 no. 4:43-45 Ap '68.

Alloying of metal in hard facing under ceramic flux.

V. A. Beshebenyl and others. *Svar. protzv.* no. 6:11-13 Je '68.

Calculating the dilution of austenitic deposits with base metal in testing electrodes. A. A. Erokhin, Z. A. Sidlin. *Svar. protzv.* no. 6:24-25 Je '68.

Calculating the fusion zone in electric slag welding. I. U. V. Shaprov. *Svar. protzv.* no. 6:13-15 Je '68.

Causes of defect formation in induction welding of pipe. F. D. Matveichuk and others. *Svar. protzv.* no. 6:8-11 Je '68.

Certain problems of strength connected with welded joints of pressure pipelines from thermoplastics. D. F. Kagan, K. I. Zaryov, R. E. Lukshin. *Svar. protzv.* no. 6:37-39 Je '68.

Classification and certain peculiarities of economically efficient methods of technical solutions in welding. A. I. Eremkin. *Avtom. svar.* 21 no. 4:68-70 Ap '68.

Constitutional diagram of the weld metal in chromium-manganese steel joints. M. I. Nazkin, G. N. Kechkova, L. G. Telyatnik. *Avtom. svar.* 21 no. 4:1-5 Ap '68.

Constitution of flux under different conditions of automatic buildup welding. M. D. Lebedev, V. I. Lisikov. *Svar. protzv.* no. 6:31-32 Je '68.

Controlling parameters of weaving are hard facing. A. A. Spidenov, A. K. Sokhlov. *Svar. protzv.* no. 6:22-24 Je '68.

Criteria for the manufacturability of welded structures. I. D. Verelukh. *Svar. protzv.* no. 6:51-52 Je '68.

Crystallization of weld metal in pulsation-arc welding. A. V. Petrov, U. I. Birman. *Svar. protzv.* no. 6:1-3 Je '68.

Defining dimensions of the welding zone of welded joints in fusion welding using semiconducting materials. A. L. Maslachenko and others. *Svar. protzv.* no. 6:32-33 Je '68.

Defectibility of samples built up by the a. c. weaving-arc method. N. A. Ryzhkov. *Trudy CHIMESKII* no. 24:232-275 '68.

Dynamic characteristics of the a. c. welding arc. *Svar. protzv.* no. 6:49-50 Je '68.

Effect of deposition welding with a vibratory electrode on the high resistance of steel items. A. I. Smirnov, A. G. Golovitskiy. *Zap. LSKII* 109:200-204 '67.

Effect of electric welding aerosols on nitrogen metabolism in tissues. S. A. Moiseyev. *Vopr. dokl. no. 5:109-112 May '68.*

Effect of evaporation processes on the development of the temperature field of electrodes during impulse discharge. A. G. Golovitskiy. *Izv. vuz. tekh. i inzh. 11 no. 6:73-85 May '68.*

Effect of the conditions of thermomechanical treatment on welding are welding on the mechanical characteristics of deposited metal. I. I. Levin and others. *Svark. i dor. mash.* 12 no. 4:23-25 Ap '67.

Effect of the material in a built-up layer on the magnitude of residual stresses arising in pulsed arc welding. A. A. Zolotarevskii. *Svark. i dor. mash.* 12 no. 4:23-25 Ap '67.

Effect of the speed of automatic deposition welding by tape electrodes under a layer of flux on the dimensions of a deposited bead. M. N. Litvinov. *Zap. LSKII* 109:222-222 '67.

Effect of zirconium on the weldability of steel. V. A. Pavlovskiy, I. S. Solnik, V. S. Kuchalenko. *Svark. i dor. mash.* 12:404-410 '67.

Electric arc installation for making holes and cutting reinforced concrete structures in elements. V. S. Iurkin. *Prom. stroit.* 44 no. 7:33-34 '67.

Electric power supply to welding converters from a single power installation. V. A. Koryunov and others. *Svark. i dor. mash.* 12 no. 5:13-21 May '67.

Electric slag welding of heat resistant austenitic steels alloyed with manganese and nitrogen. A. N. Salomnikov. *Svar. protzv.* no. 6:16-18 Je '68.

Electric slag welding of very thick products using an electrode tip electrode. V. N. Bukhtin, N. I. Poldin. *Avtom. svar.* 21 no. 4:49-51 Ap '68.

Equipment for determining nitrogen in fluoride fluxes. G. M. Grigorenko, N. B. Kollinitskaya. *Avtom. svar.* 21 no. 4:72 Ap '68.

Equipment for welding ends of test specimens for weldability. I. U. D. Shchupak. *Avtom. svar.* 21 no. 4:71 Ap '68.

Evaluating mechanical properties of a built-up layer according to hardness indices. M. V. Avdeev, H. P. Sokolov. *Trudy CHIMESKII* no. 24:193-198 '68.

Evaluating the technological efficiency of the design of flared edges of diesel locomotives. N. N. Kollinitskaya. *Avtom. svar.* 21 no. 4:56-57 Ap '68.

Export of Soviet equipment. V. P. Pavlov. *Avtom. svar.* 21 no. 4:74-75 Ap '68.

Full-scale corrosion tests of aluminum and steel welded joints. R. A. Langer and others. *Avtom. svar.* 21 no. 4:23-28 Ap '68.

Gas-arc welding of nonferrous pipe joints. V. V. Tushchik, G. N. Gusev, I. M. Frolov. *Svar. protzv.* no. 6:21-22 Je '68.

Gilmanenko, D. L. [Welding and cutting of metals]

Svarka i rozka metalliv. Izd. o. c. pererabot. Moskva, "Vsesh. shkola," 1968. 446 p.

Head for automatic CO₂ welding with carbon electrode.

B. P. Peregodin. *Svar. protzv.* no. 6:47-49 Je '68.

Heterogeneous structure in joints welded by the pressure method. I. A. Smolova. *Svark. i dor. mash.* 12 no. 12:13-14 '67.

High-frequency welding of internal casing for automobile bodies. A. I. Goltsov, A. F. Pavlenko, V. A. Kozlov. *Avtom. svar.* 21 no. 4:60-62 Ap '68.

Hydraulic systems of the welding in carbon dioxide in shipbuilding. M. I. Erman, I. I. Raitskiy, A. G. Ponomarev. *Avtom. svar.* 21 no. 4:64-67 Ap '68.

Increasing the resistance of rotary sand alligera by hard facing. F. D. Kachchenko, G. A. Stadnick. *Avtom. svar.* 21 no. 4:52-53 Ap '68.

Induction heating welding of pipes by near-resistant alloys. V. N. Tachev, D. A. Abkhov. *Lit. protzv.* no. 5:42-43 May '68.

Industrial hygiene in welding with a powder-metal wire. A. A. Andrianov. *Mont. i spets. rab. stroit.* 29 no. 6:24 '67.

Industrial use of heat-activated defectoscopes for controlling thick-walled welded equipment. V. I. Gorbunov, A. V. Pokornskii, A. K. Temnik. *Svar. protzv.* no. 6:33-34 Je '68.

Influence of certain technological factors on the quality of A506 alloy welded joints in the three-phase arc welding. N. I. Nikomarov, I. V. Vavilo, O. V. Meshkova. *Svar. protzv.* no. 6:25-26 Je '68.

Influence of gases on pore formation in welds in argon-arc welding of nickel. V. E. Krivosheina. *Avtom. svar.* 21 no. 4:13-15 Ap '68.

Influence of tensile stresses on fatigue strength of base metal. N. A. Ryzhkov. *Avtom. svar.* 21 no. 4:10-12 Ap '68.

Influence of the shape of rectified current and the shape of pulse on load characteristics of pulsation arc. G. A. Slavin and others. *Svar. protzv.* no. 6:3-5 Je '68.

Investigating convection heat exchange at pulsation arc welding. M. V. Avdeev. *Trudy CHIMESKII* no. 21:167-191 '65.

Investigating the durability and fatigue resistance of samples built-up with alloy electrode wires. H. G. Kargin. *Trudy CHIMESKII* no. 24:209-212 '68.

Investigating the strength and developing a method of calculating joints connecting with the girth of an element. E. F. Gurf, V. I. Nazikov. *Avtom. svar.* 21 no. 4:31-35 Ap '68.

Machine for rail welding. B. A. Gahan and others. *Pat. i izобр.* 12 no. 5:23-25 '67.

Master welders. V. I. Ryukov. *Trud. i tekhn.* 12 no. 4:23 '68.

Mechanical and corrosion properties of welded joints of steel and aluminum alloys with bimetallic inserts. F. I. Rudnev, V. P. Shalov. *Svar. protzv.* no. 6:27-31 Je '68.

Mechanized welding of reinforcement cages for piles. H. V. Krasov, N. I. Rukin. *Trud. i tekhn.* no. 5:21-22 May '68.

Methods of determining maximum permissible errors for welded joints of pipelines. A. M. Pavlovskiy. *Svar. protzv.* no. 6:40-41 Je '68.

Nonmetallic welding iron- and cobalt-base filler metals for vacuum brazing. V. V. Kraft, V. M. Chinkova. *Svar. protzv.* no. 6:44-46 Je '68.

On-ship automatic "escapende" welding. A. N. Samoilov. *Avtom. svar.* 21 no. 4:74-74 Ap '68.

A peculiarity of welding polycrystalline films. M. G. Daidin, A. V. Goshkov. *Avtom. svar.* 21 no. 4:58-58 Ap '68.

Plasma cutting in a nitrogen shield with increased concentration of energy in a nozzle canal. I. S. Shapiro, B. D. Beldin, L. M. Perels. *Svar. protzv.* no. 6:34-36 Je '68.

Portable apparatus box for welding of titanium with consumable and nonconsumable electrode. O. I. Steklov, H. F. Khranogin. *Svar. protzv.* no. 6:43-44 Je '68.

Powder wire buildup welding of valve seats on diesel block heads using an open arc. M. G. Kachchenko, G. D. Shovchenko, I. M. Kutenkov. *Svar. protzv.* no. 6:39-40 Je '68.

Power supply of the arc in pulsation welding with nonconsumable electrode. V. B. Gavshin, V. I. Penuzhikov. *Svar. protzv.* no. 6:48-49 Je '68.

Preparation of horizontally arranged rod reinforcement for flash welding. I. V. Galchinskii, M. I. Osmak. *Prom. stroit.* 44 no. 7:42-43 '67.

Proportioning the consumption of carbon dioxide using throttle washers in welding. N. N. Kollinitskaya, V. A. Ershov. *Svar. protzv.* no. 6:42-43 Je '68.

Protective role of a fluid at pulsation arc welding. B. A. Smirnov, I. E. Uman. *Trudy CHIMESKII* no. 24:201-203 '65.

Radio frequency welding of helically welded pipes with butt joined edges. I. U. S. Skochko and others. *Avtom. svar.* 21 no. 4:73 Ap '68.

Reconditioning M-21 cast iron crankshafts by weaving are hard facing to oxygen. G. E. Luppian, V. O. Simonov. *Avtom. svar.* 21 no. 4:51-55 Ap '68.

Removing the internal and external bur on high-duty drill pipes. I. A. Podgayskii and others. *Svar. protzv.* no. 6:41-42 Je '68.

Resistance of a flexible camcorder. V. K. Lebedev, M. N. Sidorenko. *Avtom. svar.* 21 no. 4:20-20 Ap '68.

Scientific technical conference and seminar of the welders of the western Urals. G. S. Kuz'min, L. N. Butskaya. *Svar. protzv.* no. 6:50-60 Je '68.

Second topical conference on problems of the nonuniformity of welded joints. I. U. Goshkova, V. V. Saisar. *Avtom. svar.* 21 no. 4:60 Ap '68.

Some problems related to the functioning of cathodes of an electric arc in chemically active media. D. G. Bykovskii, V. A. Kose. *Svar. protzv.* no. 6:6-8 Je '68.

Strength indices of a layer built-up by the weaving arc method. N. A. Ryzhkov, I. E. Uman. *Trudy CHIMESKII* no. 24:171-179 '65.

Strengthening of welded joints. Inform. biul. VDNKII

no. 141 Ja '68.

Structure of joints in copper-soldered iron. L. L. Gzizmal'skii and others. *Fiz. i khim. obr. mat.* no. 1:23-30 Ja-F '68.

Study of pipe heating by a magnetically controlled arc. V. D. Taran, A. F. Surinov. *Izv. vuz. tekh. i inzh. i inzh.* 11 no. 4:105-107 '68.

Substituting the air-arc cutting for cutting. V. S. Pavlovskiy. *Lit. protzv.* no. 1:5-7 Ja '68.

Supplying a welding post with carbon dioxide during winter operations. M. I. Kuchin, V. A. Pashchenko, I. A. Nolenko. *Avtom. svar.* 21 no. 4:45-48 Ap '68.

Testing weld joints of forgings made of the 15Kh2MFP steel after subjection to hydrogen pressure at 200 atmospheres and a temperature of 309°C. M. I. Arshakov and others. *Khim. i tekhn. mashinost.* no. 4:28-31 Ap '68.

Thermal conditions for electric slag hard facing of low-carbon steel with G13 steel. A. A. Shvachin, D. B. Zolotarevskii. *Avtom. svar.* 21 no. 4:17-19 Ap '68.

Two suggestions from an expert. G. A. Dorofeev, I. I. Chokhlov. *Trud. i tekhn.* 12 no. 4:24 '68.

Unit for welding pipes 1220 mm. in diameter. M. R. Litvinovskii. *Svark. i dor. mash.* 12 no. 11:21 N '67.

Use of "Unit-2" electronic computers for calculating fields of stresses and displacements in atom pipe welded joints. A. V. Anel'chuk and others. *Avtom. svar.* 21 no. 4:33-37 Ap '68.

Using a solid reducing agent for pressure welding without fusion of chromium nickel austenitic steels and alloys. V. S. Nuzhikov, I. U. R. Malovskii, A. A. Goshkova. *Avtom. svar.* 21 no. 4:20-22 Ap '68.

Using steam as protective atmosphere for welding cast iron parts. M. I. Strizhakov, V. N. Trofimovskii. *Mekh. stroit.* 25 no. 2:31-22 F '68.

Ways to improve the power sources for electric arc welding. A. I. Muzely, M. Z. Shchukin, K. N. Krenov. *Svark. i dor. mash.* 12 no. 5:17-19 May '67.

Weldability of a thermally stable titanium alloy. S. M. Gurevich, V. E. Blazhenko. *Avtom. svar.* 21 no. 4:6-8 Ap '68.

Weldability of low-carbon cast steel in a thermally strengthened state. A. A. Anisimov. *Trudy CHIMESKII* no. 220:43-63 '66.

Welding extruded pipes from spherulitic cast iron. V. I. Kopylov, N. S. Serpukhova, M. Z. Pogorelskaya. *Svar. protzv.* no. 6:18-20 Je '68.

621.791(477)—Ukrainian S.S.R.

Ceramic fluxing agents for welding and surfacing. D. M. Kucharenko and others. *Mekh. i spets. rab. stroit.* 20 no. 8:22-24 Je '67.

Efficiency of the specialization of the production of welding equipment. A. V. Fokurov. *Org. i plan. uchr. khoz.* no. 4:13-14 '68.

621.791(493)—Belgium

Wear-resistant and buildup welding at the "Rokkville" Lysar-Providina Company. K. I. Lohachuk. *Avtom. svar.* 21 no. 4:70-70 Ap '68.

621.791(497,2)—Bulgaria

Welding conditions in Bulgaria. D. N. Dikov, P. I. Kharachuk, V. V. Tol'ba. *Avtom. svar.* 21 no. 4:70-70 Ap '68.

621.791(52)—Japan

Powder wire welding with dual gas-arc shield. V. D. Peshchikov. *Svar. protzv.* no. 6:53-54 Je '68.

621.792 Joining by adhesives. Bonding, gluing. Permanent joints. Inj. plugging, caulking

Comments for the fastening of mica-ceramic materials to titanium. M. E. Belitskii, F. U. Abzhig'din, S. G. Trovitskii. *Porosh. mol.* 8 no. 5:102-103 May '68.

Gluing instead of mechanical coupling of components. N. I. Maslanchuk. *Pril. i ust. opr.* no. 12:40-41 D '67.

[Hard ceramic metal alloys and powder metals] *Svark. tverdye metallokeramicheskie i poroshki metallocheskie. Izd. ul'ts. Moskva, Izd. stamliarov, 1967. 170 p.*

(Gos. standarty SSSR)

621.793 Metallization

Certain regularities in the temperature field of pyramids used in growing films. V. A. Pavlova, A. A. Uglov. *Fiz. i khim. obr. mat.* no. 1:35-41 Ja-F '68.

Changes in external characteristics of type ND generators applicable to deposition welding in a protective gas medium. L. I. Mironov. *Zap. LSKII* 109:213-219 '67.

Changes in the fatigue strength of carbon steel during the application of coatings by the method of plasma vapor plating. V. A. Gladkovskii. *Fiz. i khim. obr. mat.* no. 1:82-84 Ja-F '68.

Combined vacuum diffusion coatings on iron. P. I. Mol'nik. *Zashch. mol.* 4 no. 2:210-220 Mr-Apr '68.

Effect of oxide films on the adhesion of vacuum coatings to steel. E. I. Bolotinskaya and others. *Fiz. i khim. obr. mat.* no. 1:31-34 Ja-F '68.

Experimental and theoretical study of voltage changes in chromium baths for chromium plating the plungers of submersible pumps. G. A. Arlan-Zar. *Za tekhn. prog.* 3 no. 5:21-24 May '68.

Study of the process of metallization in acetylene and natural gas. V. S. Krylov. *Zap. LSKII* 108:181-185 '67.

Types of bonds in metallized depositions. T. B. Segal, A. A. Tsyren. *Zap. LSKII* 109:166-169 '67.

621.8(437)—Czechoslovakia

Earthmoving equipment in Czechoslovakia. S. R. Abram. Transp. stroj. no. 5:54-58 My '68.

621.8(471.43)—Kuybyshev Province

Efficiency proposals to the workers of No. 5 Construction and Installation Administration of the "Soyuzpromdormstroi" Trust (Novokuybyshevsk). Stroitel'str. i dor. mash. 13 no. 11:77-78 N '67.

621.8(477)—Ukrainian S. S. R.

Use of savings in hydroelectric power plant sites of the Lower Dnieper. A. F. Zablotskiy. Gid. stroj. 36 no. 8:42-44 Ag '66.

621.81 Machine elements

Economic expediency of conditioning and checking out parts used in automatic and remote-control systems. B. G. Bekhudoz, Sh. A. Khashehli. Za tekh. prog. 8 no. 1:4-6 Ja '68.

Low temperature treatment of magnesium modified cast iron. N. V. Gorev, L. G. Belorakhi. Vestnik AN SSSR. Ser. fiz.-tekh. nav. no. 181-85 '68.

621.82 Transmission systems and parts

Certain cases of plastic deformation as a cause of loss of operating efficiency of ball bearings. P. I. Lashchitsyn, V. S. Muras, L. A. Oleider. Prom. Bel. 10 no. 11:51-52 D '67.

Checking bearing bushings made of aluminum alloys during their use. A. Sanov, V. Dal'zhamov, N. Galashov. Rech. transp. 27 no. 5:27 My '68.

Effect of a radial clearance on the efficiency of diesel crankshaft bearings. N. G. Tuptsya. Sudostroenie 58 no. 3:31-34 Mr '68.

Experimental unit for testing sliding bearings made from plastic materials. S. M. Mustafaev, A. D. Agayev. Za tekh. prog. 6 no. 6:15-14 Je '66.

[Flexible wire shafts for power transmissions] Vety gibkie provolochaynye dlya silovyykh peredach. GOST 11620-67, GOST 13225-67—GOST 13227-67. Izd. otkl. Moskva, [Izd. standartov, 1967] 32 p. (Cos. standardy SSSR).

Friction in liquid-filled antifriction bearings. G. N. Bobrovnikov, A. M. Ivanushkin, L. A. Kamyshov. Vest. mashinost. 48 no. 5:16-20 My '68.

Narbut, A. M. [Testing hydrodynamic transmissions of construction and road machinery. Review] Ispytaniya gidrodinamicheskikh peredach stroitel'nykh i dorozhnykh mashin. Oizor. Moskva, 1967, 77 p. (NI Informatsii po stroit. i dor. i kommun. mashinostroyeniю, Seriya "Stroitel. i dor. mashiny").

On the quality of manufacturing roller bearings. S. G. Bahaev, I. V. Shul'mak. Za tekh. prog. 6 no. 6:21-23 Je '66.

Study of the operation of instrument friction safety clutches. V. M. Zgonnik. Prib. i test. upr. no. 12:39-40 D '67.

Using plastic bearings. M. P. Suramov, Mekh. stroj. 25 no. 3:16-17 Mr '68.

Voronkov, B. D. [Nonlubricated bearings] Podshipniki sukhogo treniya. Leningrad, "Mashinostroyeniю," 1968, 139 p.

621.83 Gears, cams, links, catches

Analyzing the performance of grooved surfaces of clamps. P. M. Aronchevskiy, I. M. Lopatukhin. Za tekh. prog. 8 no. 3:31-34 Mr '68.

Automatic control of axial forces in V belt variable speed drives. E. N. Cherkasov, V. V. Lemeshko. Vest. mashinost. 48 no. 5:10-11 My '68.

Curve of linked surfaces of gear drives converting rotation at the variable angle between axes. N. N. Krylov, Z. I. Kravets. Trudy MFT no. 220:131-143 '68.

Effect of elastic deformation of the elements of a cog wheel on the distortion resistance of the teeth. I. U. A. Sidelnikova. Zap. LSKHT 109:277-280 '67.

[Gears] Zubchatye peredachi. Izd. otkl. Moskva, Izd. standartov, 1968, 184 p. (Cos. standardy SSSR).

Hardening of gear wheels by electromechanical treatment. B. M. Askina, V. F. Shilenkov. Vest. mashinost. 48 no. 5:42-44 My '68.

621.85 Flexible transmissions and drives

On driving toothed chains. N. V. Vorob'ev, G. A. Chugakov, S. S. Ucheva. Stand. i tech. 31 no. 12:15-18 D '67.

Strasses in driving chains induced by technological factors. A. A. Norovskiy, G. B. Stofin. Vest. mashinost. 48 no. 5:21-23 My '68.

621.86 Materials handling. Mechanical handling and hoisting equipment

Adaptive system of pneumatic transportation. V. A. Lartanov. Prom. energ. 23 no. 5:8-11 My '68.

Changing slanting locomotives by car pushers in servicing car dampers. A. E. Striplin. Koka. i khim. no. 2:40-48 '68.

Characteristics of the multilayer spooling on the drum of the draw works and its effect on dynamic stresses in the cable. S. I. Efimcheko. Mash. i mek. obor. no. 5:14-18 '68.

Determining dynamic loads in a drilling line. B. I. Mel'nikenko. Izv. vys. ucheb. zav. i nauch. i gaz. 11 no. 1:29-30 '68.

Dynamics of digging mechanisms on dredges with single- and two-end power supply. G. A. Kosulin, G. A. Dagnilov, A. E. Trop. Izv. vys. ucheb. zav. i gor. zhur. 11 no. 5:133-137 '68.

Efficiency of cable blocks made from magnesium alloy. I. A. Aliev, A. K. Rusal, V. A. Tomarin, Mekh. stroj. 25 no. 3:15-16 Mr '68.

Electrical measurement of pressures in the pneumatic transport process. B. A. Kuz'min. Trudy VIM 40:265-276 '68.

Evaluation of the effectiveness of sorting free-flowing materials. V. N. Musayev. Trudy VIM 40:228-239 '68.

Experimental determination of stresses of local flexure in through beams. I. U. Rozental', A. F. Il'ina. Vest. mashinost. 48 no. 3:16-18 My '68.

Fluctuation and control of the flow of loose materials. N. M. Rudnyi, I. U. Kirelchenko, Mekh. i avtom. upr. no. 8:41-43 D '67.

Fully mechanized handling of packaged cement shipments. S. E. Shilovskiy. Tsement 32 no. 4:15-16 Ji-Ag '66.

Hydrochemical method of scavenging operations. G. V. Pestov, Mekh. stroj. 25 no. 3:13-14 Mr '68.

Kinematics and dynamics of rig drilling lines in multi-layer spooling. P. P. Nosikov, I. U. K. Pochinovko. Izv. vys. ucheb. zav. i nauch. i gaz. 11 no. 1:84-98 '68.

Loading devices by suspension cranes. Biol. stroj. i tekhn. 29 no. 1:25-26 Ja '67.

Nikiforov, A. S. [Assembly and adjustment of hoisting and conveying equipment. (From the series "Engineer specialist in the assembly of metallurgical equipment")]. Montazh i naladka pod'omno-transportnogo oborudovaniya. Moskva, "Metallurgiya," 1968, 188 p.

Nomenclature of cranes and lifts produced in series. Stroitel. i dor. mash. 11 no. 4:13 Ap '68.

Nomenclature of hoists produced in series by the plants of the construction and road machinery industry. Stroitel. i dor. mash. 11 no. 4:14 Ap '68.

Pneumatic unloading unit for cement with a 20 t/h capacity. E. D. Ol'shevskiy. Stroitel. i dor. mash. 11 no. 4:3-5 Ap '68.

Self compaction equipment. A. I. Seifonov. Gid. stroj. 37 no. 1:40-61 Jo '67.

Some characteristics of the postharvest treatment of peas, fodder, beans, vetch, and soybeans. N. A. Pripov. Trudy VNIIZ no. 50:78-87 '66.

Standard hydraulic stand for testing rigging equipment. P. F. Murakhovskiy, Mekh. stroj. 25 no. 2:23-24 F '68.

Study of the introduction of material into a horizontal pneumatic conveyor. B. A. Kuz'min. Trudy VIM 40:217-224 '66.

Suction cleaning of dump cars of overhead alloy conveyors. I. U. Gerasimov, Mekh. i avtom. upr. 34 no. 3:25-26 Mr '68.

Tightening jack for assembling asbestos cement and reinforced concrete pipes. V. V. Tarkhanov, Stroitel. i dor. mash. 12 no. 7:33-34 Ji '67.

Transportation of crane excavators and pipelaying machines on special-design trailers. E. M. Vilonchuk. Stroitel. i dor. mash. 12 no. 4:31-32 Ap '67.

Using eling machines for salt stacking. V. Kochetov. Rech. transp. 27 no. 5:44 My '68.

Automatic car-reelstand installation by working of pieces in the KTM-354 excavator. G. A. Koryolov and others. Stroitel. i dor. mash. 13 no. 4:30-31 Ap '68.

Arranging of crows of a tower crane on a unit-head machine. A. A. Izaburov. Stroitel. i dor. mash. 13 no. 1:34 Ja '68.

Crane tracks made from standard stock reinforced concrete sections. V. A. Vukob, I. G. Lashov, D. A. Stetsing, Mekh. stroj. 35 no. 2:8-10 F '66.

D-3551 modernized wheel grader. A. I. Shved, I. S. Porov, G. K. Mikhailin. Stroitel. i dor. mash. 13 no. 4:3-6 Ap '68.

Depth control in digging canals with an excavator-lack loader. A. F. Polubov, Gid. i mel. 20 no. 5:50-51 Nv '68.

Devices for automatic selection of the direction of movement. I. V. Bialy, V. A. Kamunov, V. P. Shapov, Mekh. i avtom. upr. no. 8:17 N-D '67.

Devices for safe operation of lower cranes. A. V. Volkov. Stroitel. i dor. mash. 11 no. 4:2-8 Ap '68.

Dynamic cutting of frozen soils with a wheel-type working element. V. A. Zupunkov, D. A. L'vov. Stroitel. i dor. mash. 13 no. 2:25-27 F '68.

E-1002 universal excavator. Inform. bul. VIMKH no. 1:10 Ja '68.

E-6518 excavator. N. I. Gavrilov, I. U. N. Igoshin. Stroitel. i dor. mash. 13 no. 1:14-16 Ja '68.

ETU-354A modernized excavator. V. A. Ilyutskiy, I. Z. Blyin, P. A. Podzigin. Stroitel. i dor. mash. 13 no. 4:13-14 Ap '68.

Effect of shaft parameters on the reliability and lifespan of contact rubber seals. S. E. Rozvakh, G. I. Ilich, i. akula. Stroitel. i dor. mash. 13 no. 4:27-29 Ap '68.

Effect of soil pressure on the wear of teeth in excavator shovels. G. I. Al'tov. Stroitel. i dor. mash. 11 no. 4:16-17 Ap '68.

Efficiency of steel cables on standard production and lined pulleys. G. V. Kuz'min, G. V. Glotov. Stroitel. i dor. mash. 13 no. 2:10 F '68.

Experience in the construction of machinery and equipment for iron soils. V. A. Ilyutskiy, I. Z. Blyin, Stroitel. i dor. mash. 13 no. 2:7-9 F '66.

Fracture and wear of a free-wheeling mechanism in a hydraulic torque converter. I. E. Sorokin, V. P. Mikhov. Stroitel. i dor. mash. 13 no. 4:16-17 Ap '68.

Grader with variable capacity bucket. I. M. Tashin, I. E. Dnestrian. Gid. i mel. 20 no. 5:66-71 Nv '61.

Improving the quality of regulation with regard to system for stabilizing loads upon working elements of rotary bucket excavators. M. I. Pivovarov, I. S. Mardalidat, Gor. zhur. 143 no. 4:60-61 Ap '68.

Increasing the durability and efficiency of hydraulic pump drives. P. Shovchenko, A. Vasil'ov. Rech. transp. 27 no. 8:17-19 My '68.

Increasing the life span of steel cables. V. I. Sukharev, A. P. Nazaronko. Stroitel. i dor. mash. 13 no. 2:17 F '68.

Investigating the causes of breakdown of some of the parts of the E-302 excavator. B. V. Zakharov, A. A. Kurnov. Trudy MFT no. 220:20-27 '66.

Kik-100, 1 tower crane. N. N. Mekhov. Mekh. stroj. 24 no. 4:24 Ap '67.

Mobile cable hoist. S. N. Boiko, Mekh. stroj. 24 no. 4:20 Ap '67.

Modernization of the shifting mechanism of SHK-1 cranes. L. I. Ioselovich. Mekh. stroj. 24 no. 4:11 Ap '67.

Modernization of the turning gear in the EKG-4.6 excavator. I. E. Stcherban. Stroitel. i dor. mash. 11 no. 4:16-18 Ap '68.

NTK-1 mounted trench digger. Stroitel. i dor. mash. 11 no. 4:10 Ap '68.

Nomenclature of cranes and lifts produced in series. Stroitel. i dor. mash. 11 no. 4:13 Ap '68.

Optimal transverse measurements for craneshoes. N. Pashko, V. Babich, I. Florov. Prom. stroj. i mel. i avtom. upr. 10 no. 1:31-33 Ja-F '68.

Organization of the quality control service at the "Krasnyy Chkalovskiy" Plant. I. M. Klianok, A. A. Rutenblat, A. V. Moisevich. Stroitel. i dor. mash. 11 no. 4:33-31 Ap '68.

Overall mechanization of production at the Dalnakhikha Mobile Crane Plant. K. I. Mikharskiy. Stroitel. i dor. mash. 13 no. 1:31-33 Ja '68.

Overhead crane loads. A. A. Dail. Stroitel. i dor. mash. i avtom. upr. 10 no. 2:17-18 '67.

Peculiarities of design and construction of moving parts in a gantry crane. I. I. Abramovich. Stroitel. i dor. mash. 11 no. 4:25 F '68.

Peculiarities of dynamic calculation of the straight shovel of the EG-400 excavator. V. A. Kulsh. Stroitel. i dor. mash. 13 no. 1:16-17 Ja '68.

Permissible height of excavator-worked headings in blasted rocks. I. U. Dolnikov, G. S. Solovnikov, A. I. Fedorov. Gor. zhur. 143 no. 4:27-29 Ap '68.

(Ined)

weight determination of a rotor excavator.
Siroi. I dor. mash. II no. 4:10-21

for road construction. V. K. N'gisoni,
vich, D. I. Fedorov. Transp. stroi.
My '68.

on the operation of earthmoving machine-
to tekhnika bezopasnosti pri rabote na
h mashinakh. Moskva, Rossiiskidizdat,
(Pamiatka po tekhnike bezopasnosti).
ne bozava with the aid of traveling rig and
V. P. Titov. Bezop. trude v prom. 12
Ap '68.

inlets of hydraulic cylinders of the
vator. S. V. Kandyba. Siroi. I dor. mash.
16 Ap '68.

ing the D-357M scrapers. K. N. Tatarov,
skh. Siroi. I dor. mash. 13 no. 4:25

cranes. P. Trofimenko. Prom. stroi. I
10 no. 1:33-35 Ja '68.
nology for using rotary bucket excavators
kings. V. I. Sorochan. Gor. zhur. 143
Ap '68.

d pumps on suction dredges. I. I. Che-
Mitinekin. Mekh. stroi. 25 no. 2:6-7

en soils with excavators equipped with
n buckets. I. A. Nedorozov and others.
mash. 13 no. 2:10-20 P '68.

87(41)—United Kingdom and Northern Ireland

onomatic lines at the British exhibition in
Z. Kagno, Z. B. Kharas. Nom. i spets. rab.
no. 6:25-28 Je '67.

87(43)—Federal Republic of Germany

all cranes of the German Federal Republic.
v. Siroi. I dor. mash. II no. 4:8-12 Ap '66.

87(47)—Ukrainian S. S. R.

calculus of open crane tracks. I. Stein.
I tuzh. boor. 10 no. 1:5-8 Ja-P '68.

87(47, 5)—Dnieper Basin

al soil from using standard block treatise
rango. S. I. Finkov. Mon. i spets. rab. v
no. 6:14-16 Je '67.

87(50, 1)—Uzbek S. S. R.

raglines losses like losses of Uzbekistan.
ev. Siroi. I arkht. Uzb. 9 no. 1:11-16

87(73)—United States of America

ing machines in the U. S. A. Siroi. I dor.
no. 4:10-19 Ap '68.

87(98)—Arctic and North Polar Regions

(constituting excavators for the Far North.
V. G. Orlov. Siroi. I dor. mash. 13
'68.

h diggers for the North. G. A. Aronin, G. I.
Siroi. I dor. mash. 13 no. 2:11-12 P '68.
ra of excavators used in northern regions.
v. I. S. Shivalov. Siroi. I dor. mash. 13
'68.

Technical attachments and fixings

rowdriver. P. Kohn. Izobr. i rate. no. 11:

ufacturing technology on the strength of
of 16K12N4VA steel at 100°. G. A. Sipanov,
areva, N. K. Potinkova. Khim. i mol.
no. 4:35-37 Ap '68.

erence in the rotation of precision spindle
A. Starostinetski, A. A. Petrovskii. Prom.
12:24-26 D '67.
s in pipelines. V. K. Statukov. O. A. fukin-
I arkht. Uzb. 9 no. 11:15-17 N '67.

ation. Friction reducing and increasing devices
reased in the oil layer of slide bearings
r imbalance. B. A. Ul'minskii, V. N.
Zap. LSKII 100:273-276 '67.

the physical-mathematical properties of crankcase
ing on the loading level of the D-50 engine.
G. P. A. Kirilluk. Trudy Kish. sel'khoz. inst.
-84 '67.

analysis of the quality changes of crankcase
on the operational conditions of "Holorus"
J. P. Lyshko, A. A. Zhoan, P. A. Kirilluk.
sel'khoz. inst. 53:108-112 '67.

on of the "active" additive in refined oils by
cent separation method. G. P. Lyshko, A. A.
rudy Kish. sel'khoz. inst. 53:80-85 '67.

ant state of the production of motor oils
for diesel tractor engines. G. P. Lyshko.
sel'khoz. inst. 53:116-130 '67.

of an electronic contactless tachometer for
revelation of oil centrifuge. G. P.
G. Savchenko. Trudy Kish. sel'khoz. inst.
37.

ing samples of aerated oil. V. N. Kazan-
molina. Elek. sta. 30 no. 8:76-77 Je '68.

ductivity as an evaluational index of the
trials of the additive in refined oils. G. V.
A. Zhoan. Trudy Kish. sel'khoz. inst. 53:

Evaluating the efficiency of lubricating emulsions by qual-
ity of machined surface. P. V. Timofeev. Stan. i instr.
39 no. 9:11-32 My '68.

Experimental study of anticorrosive properties of
greases infected with fungi. V. N. Shaposhnikov and
others. Nauch. dokl. vys. shkoly. Biol. nauki II no. 7:
134-136 '68.

Grease gun. A. Shchegolevskii. A. V. transp. 46 no. 4:
28-29 Ap '68.

Improved oil system of KSV 37500-II and KSV 50000-II
synchronous compensators with hydrogen cooling.
G. S. Degti. Elek. sta. 30 no. 8:76-78 Ag '68.

Method for studying the oxidation stability of oils and
effectiveness of inhibitors. I. U. V. Bondarchuk, V. P.
Baranik. Izv. vya. ucheb. zav. i nef' i gaz II no. 4:82,
88 '68.

Methodology for the determination of mechanical admix-
tures in refined oils. G. P. Lyshko, A. A. Zhoan.
Trudy Kish. sel'khoz. inst. 53:57-59 '67.

Selecting lubricants for engines of different power levels.
V. V. Sichagin and others. Trudy Kish. sel'khoz. inst. 53:
prom. i khoz. no. 19:141-168 '69.

Some problems in the organization of improvement of the
use of oil products in agricultural production of the
Republic. G. P. Lyshko, V. I. Morgolann. Trudy Kish.
sel'khoz. inst. 53:60-66 '67.

Study of the effect of ultrasonic treatment of diesel oil
with additives on the changes in its quality during the
operation of tractors. G. P. Lyshko, A. A. Zhoan.
Trudy Kish. sel'khoz. inst. 53:102-107 '67.

Study of the quantitative admixture of additives in the
D-50PI engine for restoration of the original quality
of the oil. G. P. Lyshko. Trudy Kish. sel'khoz. inst.
53:33-42 '67.

Surface properties of liquid lubricants. V. M. Starinov,
A. A. Kuznetsov. Netkhot. i tekhnika. no. 7:10-20 '68.

Tooling centrifugal reaction oil filters. V. Frukhovich,
L. Kolobkov. Rech. transp. 27 no. 5:28-29 My '68.

Transformer oil from the Kamenny Log petroleum.
N. A. Entovici, N. S. Storkova. Nefteprom. i neftekhim.
no. 7:4-5 '68.

Use of an oil separator for perfecting additional cleaning
of the crankcase oil of a tractor under operational con-
ditions. G. P. Lyshko, I. S. Tsimul'nik. Trudy Kish.
sel'khoz. inst. 53:97-101 '67.

Use of reclaimed lubricants containing additives.
M. Borisov, D. Martazin. A. V. transp. 45 no. 12:23-
25 P '67.

Working-out of the neutralizing component of the additive
depending on the service time of the oil and loading of
the D-50 engine. G. P. Lyshko, P. A. Kirilluk. Trudy
Kish. sel'khoz. inst. 53:70-76 '67.

621.9 Tools. Machine tools. Machining

Adoption of diamond cutting tools at the plants of the
branch. B. N. Piliakin, V. V. Razin. Siroi. I dor. mash.
13 no. 1:33-34 Ja '68.

Analysis of inaccuracies in the operation of automatic
longitudinal machining units. I. V. Roganova. Izv. vya.
ucheb. zav. i prib. II no. 1:125-131 '68.

A colling machine tool. E. Sargoev. Izobr. i rate.
no. 1:3 '68.

Determining the profile of full contact rollers of rotation
units. E. G. Kenavlov, P. S. Chisovoi. Vestn.
AN USSR. Ser. fiz.-tekhn. na. no. 1:30-44 '68.

Device for digital indication of the working element po-
sition of a machine tool. L. P. Beilin, M. S. Gorkavskii.
Stroimash. 30 no. 7:5-8 Ag '68.

Device for rapid draw-back of cutting tool. W. N. Gon-
chik. N. S. Molodtsev. Stan. i instr. 39 no. 5:30-31
My '68.

Effect of the character of surface machining on the
electrocorrosion of metals. V. S. Korlov, H. I.
Mina. Fiz. i khim. obr. mat. no. 1:49-63 Ja-P '68.

Efficiency promoters are demonstrated and explained.
V. Tsvetkov. Inform. Udal. VDNKH no. 1:31 Ja '68.

Electric haze is beneficial to the tool and worker.
B. Vasil'ev. Izobr. i rate. no. 1:6 '68.

Fluid jet and pneumatic control as an effective means
of machine-tool automation. V. A. Loshchenko, M. S.
Focher. A. A. Kireev. Stan. i instr. 39 no. 5:3-5
My '68.

loffe, V. F. [Equipment for electric-spark machining of
precision parts] Oborudovanie dlia elektroskrovo-
izpolovleniya presizionnykh detalей. Leningrad, 1968.
20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya
"Prograsivnye metody obrabotki materialov").

Measures for reducing the consumption of nonferrous
metals. I. A. Ulin, G. I. Shondronko. Zn. tekhn. prog.
no. 4:20-31 Ap '68.

Mechanism for lengthening the stroke of a lathe spindle.
G. G. Zakotomita. Stan. i instr. 39 no. 5:38 My '68.

Methods for testing experimental machine-tool models.
P. G. Vydrin. Stan. i instr. 39 no. 5:11-12 My '68.

Molumentation of millers, model 115. A. A. Semov.
Lit. proizv. no. 5:39 My '68.

New design for driver chuck jaws. V. M. Prokhorov.
Stan. i instr. 39 no. 5:30 My '68.

New machine-tools. Stan. i instr. 39 no. 5:38-40
My '68.

Optimizing the engineering process of machining in chem-
ical and petroleum machinery plants. I. A. M. Korshen-
baum, N. G. Akseanova. Khim. i nef. mashinostr. no. 4:
33-35 Ap '68.

[Organization of production in various branches of the
machine-tool industry. Bibliographical Index of Soviet
Literature (1917-November 1967)] Organizatsiya proiz-
vodstva v razlichnykh ottsakh stroknotreist'el'noi
promyshlennosti. Bibliograficheski ukazatel' otech-
estvennoi literatury (1917-noiabr' 1967 gg.) Moskva,
1967. 84 p.

Present state and prospects of specialization in the
production of die equipment. H. K. Perakii. Vestn.
mashinostr. 48 no. 5:74-75 My '68.

Results of studying heat phenomena in rock crushing by
cutting. E. A. Motovilov and others. Razvod. i otkh.
noir. 31 no. 6:25-29 Je '65.

Starodubtseva, V. S. [Collection of problems on the
establishment of engineering norms for machinery
manufacture. (Metal-cutting and fitting-assembling
operations)] Sbornik zadach po tekhnicheskoyu nor-
mirovaniyu v mashinostroenii. (Stanochnye i slasano-
storochnye raboty). Moskva, "Mashinoostroenie," 1967.
161 p.

Stressed state of a tetrahedral pipe. Z. G. Aliev. Za
tekhn. prog. 5 no. 5:35-36 My '65.

Studying the dependence of costs on the volume of produc-
tion output in the presence of several unified articles.
V. A. Kozlovskii, A. V. Kuznet. Trudy LPI no. 268. V.
87 '67.

Technological progress in the machine-tool industry.
B. N. Il'khin. Org. i plan. obr. ner. khoz. no. 4:67-71 '68.

Towards new work accomplishments in the third year of
the five-year plan period. Stan. i instr. 39 no. 5:1-
2 My '68.

Use of precision cast blanks in machine-tool construc-
tion. K. N. Syromaitnikova. Vestn. mashinostr. 48
no. 5:62-63 My '68.

Using linear programming for the reduction of pipe
scrap. M. A. Kustalazade and others. Za tekhn. prog.
5 no. 5:14-17 My '65.

Vibration separation used in coal tar purification from
its heaviest fractions and water. N. M. Savet'ev and
others. Koks. i khim. no. 2:41-40 '68.

621.0(471.232)—Leningrad City

Clarions traditions. I. Litvinenko. Otkry. tsele i sots.
strakh. 11 no. 4:11-12 Ap '69.

621.9(477)—Ukrainian S. S. R.

Efficiency of the introduction of new equipment and the
development of tool production. V. H. Krivtsov. Org. i
plan. obr. ner. khoz. no. 4:41-47 '66.

621.91 Roughing, planing, shaping, slotting. Milling. Filing.

Rasping. Broaching
Advanced methods for machining metals by cutting.
H. P. Khalmogorisev and others. Prom. energ. 23
no. 5:11 My '68.

Complex machining of annular T-shaped grooves.
R. Oganosian. Prom. i inzh. 10 no. 12:02 '67.

Defects in standardizing the precision in machining of
parts. A. F. Kogut, Vasi. mashinostr. 48 no. 5:51-
52 My '68.

[General engineering norms for metal-cutting operations
used in the standardization of work on machine tools]
Obshchomashinostroitel'nye normativy rozlinoz rezan-
tia dlia tekhnicheskogo normirovaniia rabot na metal-
lorozhshchikh stankakh. Moskva, "Mashinoostroenie."

Ch. 1. [Turning, vertical boring and turning,
turner, diamond-boring, drilling, planing,
slotting, and milling machines] Tokarnyye,
karusel'nye, tokarno-rovot'vornyye, alimazno-
raslochnye, sverlil'nye, strogal'nye, dolbozhnye
i fruzernyye stanki. 1067. 412 p.

Geometry of three-axis monolithic hard-alloy milling
cutters in machining a heat-resistant alloy. I. I.
Baklanov and others. Stan. i instr. 39 no. 5:25-28
My '68.

621.92 Abrading, abrasives. Grinding, polishing. Crumbling, rep- arating and mixing

Grinding machine tool of increased precision. V. Adzhom-
tan. Prom. i inzh. 10 no. 12:63 '67.

Grinding machines. E. E. Tsofin. Stan. i instr. 39 no. 5:
13 My '68.

Conditions of starting by the load that obstructs con-
type crushers with hydraulic supports. B. V. Ol'shchikov.
E. V. Koshakov. Gor. zhur. 143 no. 4:46-40 Ap '68.

Designs of safety devices for jaw crushers. V. I. Volchek.
A. I. Bogatskii. Siroi. I dor. mash. II no. 4:25-26
Ap '68.

Determining disk parameters in grinding lobes for cutting
gear wheels. S. I. Lashin. Stan. i instr. 39 no. 6:20-
22 My '68.

Developing the equipment for gravity concentration of
ores. H. S. Baden and others. Olog. rud. 12 no. 4/5:
92-98 '67.

Device for aligning abrasive disks at an angle. H. A.
Bulanov, A. F. Naumov. Stan. i instr. 39 no. 5:37
My '68.

Dynamics and power calculation of blade mixers for
viscous, doughlike masses. L. N. Lunda, H. A.
Machukhin. Khleb. i koni, prom. 12 no. 7:17-20
Ja '68.

Dynamics of gear grinding with an abrasive worm disk.
E. P. Kalinin, A. V. Lashinov. Stan. i instr. 39 no. 5:
17-18 My '68.

Effect of granulometric composition on the efficiency of
primary conical crushers. S. A. Lankov, R. K.
Ryzhikov, V. P. Shadov. Siroi. I dor. mash. 13 no. 4:
26-21 Ap '68.

Efficiency of jet pressure on zone cooling during grinding
by friction. L. D. Khudobin, H. V. Polianskov. Vestn.
mashinostr. 48 no. 5:93-95 My '68.

Electrical drives of tapered secondary crushers. M. V.
Gerasimuk. Elektricheskoe no. 3:85-87 My '68.

Electronographic study of ground titanium alloy. S. T.
Prokhorov. Trudy LII no. 68:85-88 '67.

Examination of the ground VTZ-1 alloy. M. S. Beletskii.
S. T. Prokhorov. Trudy LII no. 68:79-84 '67.

Experience in the operation of a cement separating mill
3 by 14 m in size. S. N. Volkov, N. N. Vereshnina.
TSement 32 no. 4:20-21 Ji Ag '68.

Increasing the durability of slide dampers on edge-runner
mills. H. P. Pyshminskiy, E. N. Pivlova. Lit. proizv.
no. 5:40 My '68.

Installation and testing of boring unit heat machine tool.
I. Sh. Sorochinetski. Stan. i instr. 39 no. 5:8-10
My '69.

Modernizing the grinding process. I. B. Tsvol'man and
others. TSement 34 no. 1:10-17 Je-P '68.

for a nuclear-magnetic logging apparatus, G. I. Orlov. *Izv. vys. ucheb. zap.* 11 no. 4:101-104 '68.

problems of studying the stability of slopes of the mine of ferrous metallurgy. T. F. Ufimtseva. *Gor. zhur.* 143 no. 4:76 Ap '68.

of inclined nodules with the aid of PMU-2 device. R. I. Vereshkin and others. *Shkafn. i tekhn. ust.* 3:25 Apr '68.

of means for installing guide supports. I. F. Bogdanov, P. I. Shuklin. *Shkafn. i tekhn. ust.* 12 no. 1:68.

of methods of chamber filling made by means of V. P. Kravchenko, V. T. Kravchenko. *Izv. AN Azerb. SSR. Ser. inzh. i tekhn. nauch. issled.* 13 no. 4:11-12 Ap '66.

of ore, basic reserves for further increase in the number of drilling. P. I. Bakiev, Razved. i tekhn. ust. 10 no. 8:31-34 Ag '65.

of gas-oil mixtures through a flow meter. V. F. Molodtsov. *Nefi, khaz. i pered. i obrab.* 46 no. 5:10-11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 76

Equipment for measuring the thickness of granite linings. V. D. Morozov, B. N. Baibov. *Gor. zhur.* 143 no. 4: 73 Apr '68.

Error in measuring well azimuth during electric drilling when using the system of two cables and a pipe. R. F. Alayev, M. E. Fridman. *Izv. vys. ucheb. zav. i noll' t'gaz* 11 no. 4:93-96 '68.

Evaluating the quality of lavologs. A. I. Grebennikov, A. I. Sarafanov, I. A. Ronizov. *Izv. vys. ucheb. zav. i noll' t'gaz* 11 no. 4:16-18 '68.

Experience in the haulage of blocks of drilling rigs by heavy-duty prime movers. A. M. Tsigor. *Mash. stroit. obr.* no. 5:26-28 '68.

Experience in the operation of (IASB) automatic signal light block system at the No. 55 Mts. T. V. Koshel'skiy. *Gor. zhur.* 143 no. 4:55-59 Apr '68.

Experimental and theoretical study of voltage changes in chromium baths for chromium-plating the plunger of submersible pumps. G. A. Aslan-Zade. *Za tekhn. prog.* 3 no. 5:21-24 May '68.

Experimental data on the thermal conditions of well flushing and their comparison with estimates. I. N. Astrakhin, V. I. Mashov. *Giz. prom.* 13 no. 5:13-15 May '68.

Experimental investigations on the blasting action of explosive elongated charges. B. V. Pozdnyakov, I. U. V. Sviridov, P. I. Lomesh. *Gor. zhur.* 143 no. 4:43-45 Apr '68.

Experimental study of the strength of the body of the PPR-30X320 prover. N. A. Radzhabov and others. *Za tekhn. prog.* 6 no. 3:26-30 May '68.

Field method for determining current oil saturation of productive formations in water-oil displacement. V. N. Vasil'yevskiy. *Nef. khoz.* 36 no. 5:29-29 May '68.

Formation of cuttings when drilling with roller bits. I. S. Lopatin, B. S. Filatov. *Nef. khoz.* 46 no. 7:15-17 Jul '68.

Heat conduction in electromagnetic brakes of a drill: rig draw works. I. M. Kullov, I. M. Sebyov, E. A. Yimrazova. *Za tekhn. prog.* 6 no. 4:16-20 Jun '68.

Heating of rolling parts of bits during the drilling process. A. M. Melnikov, G. G. Babayev, I. V. Shtimuk. *Za tekhn. prog.* 6 no. 4:25-26 Jun '68.

Increase the reliability and efficiency of electric power supply of open-pit mines. P. N. Kostenko. *Prom. elekt.* 48 no. 3:14-15 Apr '68.

Increase in the accuracy of the orientation of a controlling wire by means of an electric indicator. V. A. Koryakov, B. R. Chikil'mun. *Razved. i tekhn. obr.* 32 no. 12: 48-49 Dec '68.

Increasing the effectiveness of electric drilling with feeding electrodes under the d. c. motor system. I. S. Kaunrubekov, Z. M. Mamchova, E. R. Dzhilalov. *Za tekhn. prog.* 6 no. 3:27-28 May '68.

Increasing the reliability of boroholes testing in core drilling. I. H. Buhayev. *Razved. i tekhn. obr.* 32 no. 12: 20-23 Dec '68.

Index of diamond bits. Z. A. Levina, V. I. Safonov. *G. i. s. zav. i noll' t'gaz* 11 no. 6:29-30 Jun '68.

Influence of geometric parameters of a cutting tool on the resistance of frozen ground to cutting. A. A. Kistenko. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:90-90 '68.

Influence of the direction of openings and the development of new levels on the possible productivity of an open-pit mine. A. P. Dondir. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:22-24 '68.

Influence of the large-scale blasting on the reliability of electric power supply. V. M. Lipta, A. N. Marutov. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:125-127 '68.

Investigating heterogeneous deep-well communication lines. Z. I. Kizimov-Zade, R. M. Khalil-Zade. *Za tekhn. prog.* 8 no. 1:23-25 Jan '68.

Investigating the accuracy of technical and economic calculations in open-pit mining. V. S. Khokhrakov, G. G. Sikanayev. *Izv. vys. ucheb. zav. i gor. zhur.* 11 no. 6:16-21 '68.

Investigating the performance of rod guides of a deep-well pumping unit during the initial period of strain. A. M. Kengerit. *Za tekhn. prog.* 6 no. 5:20-30 May '68.

Kinematics and dynamics of rig drilling lines in multi-layer spooling. P. P. Nosov, I. U. E. Pochlovenko. *Izv. vys. ucheb. zav. i noll' t'gaz* 11 no. 1:91-96 '68.

Kozko, F. I. [Economics, production organization and planning in open-pit mining.] *Ekonomika, organizatsiya i planirovaniye v planirovaniye na otvyykh gornykh rabotakh*. Izd. 2-o, pererabot. i dop. Moskva, "Meditr," 1967. 200 p.

Kullov, S. M., B. I. Esman, and G. G. Gabuzov. [Temperature conditions of boroholes during the drilling process] *Temperaturny rezhim burishchikh skvazhin*. Moskva, "Meditr," 1968. 184 p.

Machines for drilling boroholes in frozen soil. P. O. Makushtin, A. I. Zaika. *Stroit. i dor. mash.* 13 no. 2:29-22 Feb '68.

Make a wider use of the mechanization of minor processes in the coal industry. B. M. Shebaranskiy. *Ugol. Ukr.* 12 no. 5:54 May '68.

Making and exploiting equipment with flange joints, sealed by AZI-Nussli gaskets of unilateral contact. V. G. Shul'ga. *Mash. i noll. obr.* no. 5:29-31 '68.

Means for the further increase of the productivity of the hydraulic impact drilling of exploratory boroholes. V. G. Iakov. *Izvest. i tekhn. obr.* 32 no. 12:23-26 Dec '68.

Mechanized hard-throw tool for drilling holes in structural elements. E. I. Isakov, O. G. Kartus. *Mekh. stroit.* 24 no. 4:28-30 Apr '67.

Method and practice in using motion-picture films in planning for the labor process in lowering and lifting the drilling tool. L. A. Freger, L. B. Shukova, S. N. Ilyayev. *Organ. i upr. nefteodob. prom.* no. 3:7-10 '68.

Method for evaluating the stability of weighted plugging slurries. E. V. Kogan, V. U. Zobs. *Nef. khoz.* 46 no. 7:58-60 Jul '68.

Method for the study of bedding and reservoir properties of productive formations. I. A. Akmatin. Nauch.-tekhn. sbor. po dob. nefi i g. 33-88-1 '68.

A method of calculating expenses for the development and mining of a series of seams in solving mining-analytic problems. L. I. Nareuk, V. E. N. N. N. N. V. L. Pukhina. Ugol' Ukr. 12 no. 5:41-50 May '68.

Method of controlling mud-pipe-off of hydrogeological wells. V. I. Blazhnikov. Razved. i dokh. nedr. 32 no. 10: 1-6 '68.

Method of controlling mud-pipe-off of wells drilled for water. B. N. Buzlov, B. A. Chirskiy, V. I. Ilizskov. Razved. i dokh. nedr. 32 no. 10:31-38 Q '66.

Method of determining the optimum position of crosscuts for loaded and empty cars in a mining area according to conditions of ore transportation. V. D. Tliov. Izv. vyz. ucheb. zav. i gor. zhur. 11 no. 5:10-19 '68.

Methodology of quantitative estimation of the degree of exploration of blocks and sections of pools when calculating oil reserves. M. E. Korshakov. Nauch.-tekhn. sbor. po dob. nefi i g. 33-88-1 '68.

Methods for the graphic representation of borehole data. V. A. Petrov. Razved. i dokh. nedr. 31 no. 6:12-22 Apr '65.

Molchanov, P. V. [Open pit mining of mineral deposits]. Otkrytaya razrabotka mestorozhdeniy poleznykh iskopaemykh. Moskva, "Nedra," 1967. 101 p.

New developments in the "Petroleum Industry" Pavillion. V. Pionetskii. Inform. biul. VDNKH no. 1:9-10 Jan '68.

Oil guiding device. E. I. Linnikov, V. A. Ilizskiy, A. A. Pavlov. Razved. i dokh. nedr. 31 no. 6:10-23 Apr '65.

On the quality of manufacturing rotor bearings. S. G. Baidakov, I. V. Shtakm, Zh. tekhn. prog. 6 no. 6:21-23 Apr '66.

On the watch for labor safety of petroleum workers. M. Salikhin. Neftkhim. 13 no. 5:26-27 May '68.

Once more about the performance of injection core plugs. A. A. Gribenik. Razved. i dokh. nedr. 34 no. 5:30-31 May '68.

Operational potentialities of coal combines. V. A. Behtchenko, M. F. Kharin, N. A. Sakvyrskii. Stroi. kach. 3 (no. 13):3-10 '67.

Parameters for controlled caving of benches in multi-layer massifs. B. N. Turtakvskii, I. I. Gavriluk, B. A. Bolshakov. Izv. vyz. ucheb. zav. i gor. zhur. 11 no. 5:21-29 '68.

Permissible height of excavator-worked headings in blasted rocks. I. I. Bolkov, G. S. Solodnikova, A. I. Fyodorov. Gor. zhur. 143 no. 4:27-29 Apr '68.

Pipe guiding devices. Stroi. Iruborov. 12 no. 5:36 May '68.

Pokrovskii, N. M. [Shut slaking and decuping]. Prokhiadka i ngibka sklov shakhl. Izd. 3-6, pereizd. 1 dop. Moskva, "Nedra," 1967. 243 p.

Possibility of increasing the drilling into in rotary drilling. N. G. Dandashov, M. S. Kullov. Izv. AN Azerb. SSR. Ser. nauk u zom. no. 8:81-88 '67.

Powered supports for thin flat seams. A. A. Korshakov. Ugol' Ukr. 12 no. 5:31-35 May '68.

Preventing rupture of equipment for etraction system on boring rigs. M. V. Morozov, A. F. Salbatova, N. Zinichov. Itopog. i tekhn. v prom. 12 no. 4:20 Apr '68.

Problems of automation of drilling rigs. Zh. tekhn. prog. 3 no. 5:4-7 May '63.

Push-coils contactless data unit for measuring well environment in electric drilling. I. A. Nalov, M. E. Pashman, N. K. Iomtov. Zh. tekhn. prog. 6 no. 3:3-6 May '68.

Refining of the compressibility of rocks to the loads affecting them. M. S. Bagov, D. N. Kaz'michev. Neft. khiz. 40 no. 7:24-26 Jul '68.

Removing the internal and external burr on high-speed pipes. I. A. Podgnevskii and others. Svar. proizv. co. 8:41-42 Jan '68.

Reorganization of coal mines with inclined holes as an important priority for the increase of coal mining. N. A. Benko. Stroi. i dokh. 12 no. 3:26-27 May '68.

Results of drilling with small-diameter bits reinforced with sintered diamonds. I. I. Vorshinov. Razved. i dokh. nedr. 31 no. 8:29-30 Aug '65.

Safety of casing during the use of thermal recovery method. V. A. Nazarov, P. A. Palli. Neft. khiz. 46 no. 5:36-38 May '66.

Safety of mining operations ensured by the PVP-2 equipment. V. A. Ivaschenko and others. Bezop. i trud. v prom. 12 no. 4:33-35 Apr '68.

Selecting a method for the exploitation of wells. M. M. Solovov. Nauch.-tekhn. sbor. po dob. nefi i g. 33-88-1 '68.

Selecting brands of steel for freezing pipes. B. P. Kolesnik, L. I. Guzevalova, Shakhl. i stroi. 12 no. 3:14-16 May '68.

Selecting efficient methods for drilling water wells. K. Tiven. Stroi. Iruborov. 12 no. 6:34-35 May '67.

Selecting the optimum structure of the reinforced layer for drilling bit cones. E. M. Kuznec, K. P. Efremova, T. S. Ovchinnikova. Neft. khiz. 46 no. 7:8-11 Jul '68.

Semiatomatic roller holder. M. A. Rasolov. Bezop. i trud. v prom. 12 no. 4:51 Apr '68.

Similarities in igneous models in investigating the stressed state of the massif by the photoelasticity method. I. V. Domanov, A. A. Khimich, V. M. Dakhmurov. Izv. vyz. ucheb. zav. i gor. zhur. 11 no. 5:30-34 '68.

Some problems of deep drilling. V. A. Iragin, A. I. Volk, N. I. Koshlov. Neft. khiz. 46 no. 5:6-13 May '68.

Some trends in the development of equipment for the diamond drilling of prospecting wells. V. E. Kopylov. Izv. vyz. ucheb. zav. i nefi i gaz 11 no. 4:109-112 '68.

Sound ranging method of surveying vertical ore chutes and inaccessible stopes. D. A. Kazakovskii, L. N. Rudnev, I. A. Prudov. Izv. vyz. ucheb. zav. i gor. zhur. 11 no. 5:39-44 '68.

Spring-actuated hydraulic checks for ZIF-650A and ZIF-1200A boring machines. G. P. Anan'ev, B. M. Kholupka. Razved. i okh. nedr. 34 no. 5:50-52 My '68.

Stability of roller bit drills in inclined boring. Yu. P. Marasov and others. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 5:91-95 '68.

Stock taking of the weakness plane in calculations connected with the breaking of rock. V. Iu. Lakson. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 5:50-52 '68.

Stressed state and selection of the efficient shape of boring bit bodies. V. S. Blakkin. Gor. zhur. 143 no. 4:40-52 Ap '68.

Stressed state of a hexahedral prismatic pipe subjected to internal pressure. K. A. Aliev. Za tekhn. prog. 8 no. 4:27-28 Ap '68.

Studying deep-well communication channels when operating wells with subsurface centrifugal electric pumps. I. A. Kuliev, A. A. Naredov. Za tekhn. prog. 8 no. 1:28-30 Ja '69.

Studying flowing water wells. I. D. Umrikhin and others. Nauch.-tekhn. sbor. po dok. nefi. no. 33:86-90 '68.

Studying hydroabrasive erosion by the flow of drilling mud in a valve gap. S. G. Babayev. Nauch. i tekhn. sbor. no. 5:20-22 '68.

Studying oil recovery in nonconform reservoir models during foam injection. I. A. Shvetsov. Nauch.-tekhn. sbor. po dok. nefi. no. 33:110-115 '68.

Studying periodic exploitation of wells. I. G. Belkin. Nauch.-tekhn. sbor. po dok. nefi. no. 33:103-109 '68.

Studying the distribution of saturation during the cyclic stimulation of the formation. A. A. Bukharinov, K. E. Muzalakov, V. G. Gyzdanzhams. Nauch.-tekhn. sbor. po dok. nefi. no. 33:43-53 '68.

Studying the increasing flow of clams for oil well repairs. V. V. Kul'ba, S. A. Koshachenko. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 1:79-83 '68.

Studying the operation of certain rubber parts used in oil field equipment. S. M. Mirzoeva. Za tekhn. prog. 8 no. 1:16-17 Ja '68.

Studying wood pitch as a retarder in the setting of cement slurries. N. I. Narukhtina. Nefi. i gaz. prom. no. 3:14-18 My-Je '68.

TSN150-type high-pressure centrifugal pumps for the injection of water into oil formations. F. I. Dzhaklenko, A. Z. Nuzhin. Nauch. i tekhn. sbor. no. 5:7-17 '68.

Temperature changes in the bottom zone of deep wells. G. F. Trebin, Iu. V. Kuyurin. Nefi. i gaz. 46 no. 5:38-41 My '68.

Temperature field of an oil reservoir in the presence of forced convection and a moving seat of combustion. D. D. Sakharova. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 4:43-45 '68.

Thermal stresses developing during oil recovery by thermal drive. A. O. Bogopol'ski, L. M. Matvenko. Nefi. i gaz. 46 no. 7:31-34 Ja '68.

Threading of casing with a hard-alloy chaser. N. M. Agachev. Za tekhn. prog. 5 no. 5:33-35 My '68.

Three-roller bit with increased calibrating capacity. N. A. Goryunov, T. I. Turanov, M. S. Gassanbaev. Za tekhn. prog. 8 no. 3:28-31 Mr '68.

A uniform terminology for using rotary bucket excavators in mine workings. V. I. Seroshkin. Gor. zhur. 143 no. 1:29-31 Ap '68.

Use of core-drilling rigs in prospecting for placer deposits. I. I. Tulin. Razved. i okh. nedr. 31 no. 6:58-69 Ag '65.

Use of coreless drilling in prospecting for ore deposits. B. V. Kosiakov, P. I. Shchukurov, A. H. Suprunov. Razved. i okh. nedr. 31 no. 6:52-53 Je '65.

Use of higher fatty alcohols as antifoaming agents in well drilling. V. P. Rudil, I. B. Sklar'skaya, B. D. Emchuk. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 1:103-111 '68.

Use of rubber parts in oil field equipment. S. M. Mirzoeva. Za tekhn. prog. 3 no. 3:26-28 My '68.

Use of wells and pits in mining rescue operations. I. A. Akhmedov. Za tekhn. prog. 6 no. 5:31-33 My '68.

Using electrodynamic brakes in running the tool in deep-well drilling. I. I. Sallak, V. G. Boretskii. Nefi. i gaz. prom. no. 3:21-24 My-Je '68.

Using maps of seepage flows for calculating the flooding process and oil recovery. V. S. Kovatov, O. T. Sorokin. Nauch.-tekhn. sbor. po dok. nefi. no. 33:83-87 '68.

Using sectional reinforced concrete supports in coal mines of the Soviet Union. A. N. Ivanov and others. Shkht. stroit. 12 no. 3:3-6 Mr '68.

Utilization of viniculture wastes as flotation reagents. Iu. Suklaslan, K. Baryshava. Prom. i tsv. 10 no. 12:13-20 '67.

Vibrations of borehole apparatus during the sound ranging survey of industrial boreholes and mine shafts. V. K. Chumak, V. I. A. Bril'. Izv. vyz. ucheb. zav.; gor. zhur. 11 no. 5:45-48 '68.

Waste of raw material in active quarries of cement plants. N. A. Taranukhin. TSement. 33 no. 3:9-10 My-Je '67.

Ways for improving the organization of work in core recovery. M. A. Aleksandrov, L. P. Konstantinov, I. A. Palli. Nefi. i gaz. 46 no. 5:20-22 My '68.

Wearing out of drill pipes in turbodrilling. I. A. Khabibulin, N. V. Khebnikov. Nefi. i gaz. 46 no. 5:18-20 My '68.

Welding of casinghead seals to alloyed steel casings. A. V. Smirnov, A. V. Ladyga. Mash. i nefi. sbor. no. 5:18-20 '68.

Well repairs, an important potential of petroleum production. I. I. Ivanov. Nefitank 13 no. 6:30-31 My '68.

Zherbin, M. M., S. I. Balinskii, and S. D. Dukhovnyi. [Waste-dumping transportor bridges and waste-pile stackers] Transportno-otval'nye mosty i otvalobro-zovately. Kiev, "Tekhnika," 1968, 122 p.

Scientific and technical relations between the petroleum workers of the U. S. S. R. and the German Democratic Republic. R. Mainhold, H. Peitz. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 1:107-108 '68.

622. 2(437)—Czechoslovakia

Areal sweep efficiency in the use of *in situ* combustion (Czechoslovak Socialist Republic). P. Samec. Nefi. i gaz. 46 no. 7:62-63 Ji '68.

622. 2(430)—Hungary

Experience in forced recovery in the oil fields of Hungary. J. Horvath, S. Simon, V. Ori. Nefi. i gaz. 46 no. 5:50-53 My '68.

622. 2(471. 41)—Tatar A. S. S. R.

Effectiveness of well selection in case of seal injection. V. D. Lysenko, F. D. Mikhaylskii. Nauch.-tekhn. sbor. po dok. nefi. no. 33:91-93 '68.

Establishing optimum conditions for the exploitation of a group of oil fields in a petroleum production area. Iu. P. Borovov and others. Nauch.-tekhn. sbor. po dok. nefi. no. 33:75-79 '68.

Multiple pump stations from prefabricated reinforced concrete. R. A. Kaplaev. Stroit. i inzh. 12 no. 4:32-33 Ap '67.

Organization of labor in a derrick crew employed in large-block rig construction. M. Kh. Valeev, M. M. Nalikov. Organ. i upr. nefteob. prom. no. 3:19-23 '68.

622. 2(471. 45)—Volgograd Province

Technology of tapping and formation testing in the terrigenous Devonian of the Lower Volga Valley. A. G. Gabrielyan and others. Nefi. i gaz. 46 no. 5:22-25 My '68.

622. 2(471. 5)—Ural regions

Drilling a deep hole with diamond bits in the Urals. Iu. I. Vershinin. Razved. i okh. nedr. 32 no. 13:47-48 D '66.

622. 2(471. 52)—Bashkir A. S. S. R.

Geophysical studies of operating deep pumping wells. V. L. Komurov, Iu. F. Skopov, A. K. Nikulina. Nefi. i gaz. 46 no. 7:38-41 Ji '68.

Investigating regularities in the operation of the UETS-100-750 centrifugal electric units. A. N. Koz', Z. A. Roslo. Nefi. i gaz. 46 no. 7:41-45 Ji '68.

Oil flow in flooded formations. B. R. Laroslavov. Nefi. i gaz. 46 no. 7:28-31 Ji '68.

Organization of production and labor in the underground repair of wells in the "Iuzharskaya" Oil Field Administration. G. S. Vasil'ov. Organ. i upr. nefteob. prom. no. 3:24-26 '68.

Use of carbon dioxide for increasing oil recovery and development speed. A. B. Tamaslan, V. O. Panfaleev, G. A. Gaballan. Nefi. i gaz. 46 no. 7:22-24 Ji '68.

Using bits with hemispherical tooth in well drilling in Bashkiria. A. A. Startsev, N. M. Ritzanov, K. I. Veremeichik. Nefi. i gaz. 46 no. 7:66-68 Ji '68.

622. 2(471. 56)—Chelyabinsk Province

The stripping and conditions of mining operations at the Ufa-ty open-pit mines. K. K. Zagorudko. Gor. zhur. 143 no. 4:24-27 Ap '68.

622. 2(471. 62)—Krasnodar Territory

Preliminary petroleum refining in the Akhlyr' Petroleum Production Administration of the Ukrovoislobozh' Association. T. G. Aisov. Nefi. i gaz. 46 no. 7:61-62 Ji '68.

622. 2(471. 63)—Stavropol Territory

Constructing a flow sheet of oil displacement by high-pressure gas in the Ozek-Suat field. I. I. Shil'kov, I. T. Fronslov. Nauch.-tekhn. sbor. po dok. nefi. no. 33:40-47 '68.

622. 2(471. 68)—Chechen-Ingush A. S. S. R.

Calculating pressures in deep flow wells. E. V. Sokolovskii, L. I. Kornilenko. Nefi. i gaz. 46 no. 7:34-37 Ji '68.

Grozny petroleum workers are perfecting the gathering of oil and gas. V. Red'kin, A. Chobuev. Nefitank 13 no. 5:28-30 My '68.

622. 2(476)—White Russian S. S. R.

Increasing the producing capacity of formations and improving preliminary oil refining in the fields of White Russia. E. Makhmudakov, V. Sharov. Nefitank 13 no. 5:28-29 My '68.

622. 2(477)—Ukrainian S. S. R.

Characteristics of the development of the P-1 horizon in the Lelyaki oil field. I. P. Klociko, N. G. Demidenko. Nefi. i gaz. 46 no. 5:29-31 My '68.

Seminars on equipment and technology of well sinking under the conditions of decreasing reservoir pressure in the Shabotinka gas field. A. I. Barazimov. Nefi. i gaz. prom. no. 3:61-62 My-Je '68.

622. 2(477. 6)—Donets Basin

Comparative estimate of the systems of mining flat seams of the Donets Basin according to gas factor. I. A. Karpov, O. S. Gerashov, V. S. Rubin. Ugol' Ukr. 12 no. 5:40-43 My '68.

Mat. i tekhn. anab. 3 no. 5:82-93 My '66.

Experience in using metal-arch linings in coal mines of the Frunzevgor' Trust. V. M. Ezenkov, V. P. Borovov. Rozp. i truda v prom. 12 no. 4:35-38 Ap '68.

Improving the technology of hydraulic mining at the "Pincer" hydraulic mine. I. L. Susliko. Ugol' Ukr. 12 no. 5:45-47 My '68.

622. 2(477. 0)—Western Ukraine

Analyzing the breakdown of tightness of inverted air casing in the wells of the Carpathian Mountain region. I. V. Ditiak. Nefi. i gaz. prom. no. 3:19-21 My-Je '68.

622. 2(477. 0)—Crimea

Performance of single-cone bits and small-diameter bits in the fields of the Crimea. Iu. P. Detul'in. Nefi. i gaz. prom. no. 3:25-27 My-Je '68.

622. 2(470. 24)—Azerbaijan S. S. R.

Beginning of electric logging in Azerbaijan. K. TS. Petrosian. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 1:102, 112 '68.

Communist voluntary work on Saturnaya in the petroleum industry. N. I. Lehtman. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 4:5 '68.

Cost of the construction of prospecting wells. G. E. Sour. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 4:113-116 '68.

Deviation of the hole in diamond drilling. N. M. Dzhalilov and others. Nefi. i gaz. 46 no. 7:3-8 Ji '68.

Experience in the introduction of new drilling equipment in the Dushkane expedition. R. O. Vokilov and others. Za tekhn. prog. 3 no. 6:29-31 My '68.

Measures for the prevention of paraffin troubles in the production and transportation of petroleum to the Sangi, Chirchik, and Davanly-More fields. H. I. Akhmedov and others. Nefi. i gaz. 46 no. 5:44-47 My '68.

A new type of drill bit for drilling in gabbro beds. A. P. Popov. Za tekhn. prog. 3 no. 6:30-40 My '68.

Present state and prospects for the development of automation in the Azerbaijan oil industry. A. A. Abdullatov. Za tekhn. prog. 7 no. 11:1-8 N '67.

Progress in the Azerbaijan oil-field machinery industry. M. M. Stekhov. Za tekhn. prog. 7 no. 11:10-13 N '67.

Some results of studying the reasons for breakdowns of elements of CUPP and AQM automatic control systems used in the oil fields of Azerbaijan. M. M. Aghayev, I. M. Korobalov, H. A. Dzhalilov. Za tekhn. prog. 8 no. 3:1-2 Mr '68.

622. 2(470. 26)—Armenian S. S. R.

At the map of our own Republic. I. Dzhanpetidian. Prom. i tsv. 10 no. 12:58-60 '67.

System of ore crushing at the Kadzharan Dressing Plant. A. Pogosov. Prom. i tsv. 10 no. 12:21-23 '67.

622. 2(571)—Asianic U. S. S. R.

Possibilities for reducing costs in setting up field equipment in Western Siberia. I. A. Kogan, S. N. Vasserman. Stroit. i inzh. 12 no. 4:11-13 Ap '67.

Problems of preliminary refining of petroleum in the fields of Western Siberia. V. M. Filimonovskii. Nefi. i gaz. 46 no. 5:91-94 My '68.

622. 2(571. 13)—Tyumen' Province

Experimental diamond drilling in Western Siberia. V. K. Latyalov, V. E. Kopylov, A. N. Trulin. Izv. vyz. ucheb. zav.; nefi. i gaz. 11 no. 1:12 '68.

622. 2(571. 17)—Kemerovo Province

Scientific technical conference on the improvement of mining machinery and technology in the Kuznetsk Bas. S. P. Muzychukov, L. N. Popov, A. M. Turekhanov. Shkht. i stroit. 12 no. 3:20-30 Mr '68.

Using Lorchol with a reduced diameter at the Gorkaya Shurya mines. I. A. Simbulev, A. I. Kononovskii, K. S. Shtikov. Gor. zhur. 143 no. 4:40-48 Ap '68.

622. 2(574)—Kazakh S. S. R.

Aspects of well drilling in the Chaplin syncline. P. A. Avrov, G. Zh. Zholtov. Nefi. i gaz. 46 no. 7:1-3 Ji '68.

Efficiency of the secondary methods of developing oil fields. O. I. Egorov. Prom. i tsv. ekon. Kazakh. no. 3:153-163 '67.

622. 2(576. 4)—Turkmen S. S. R.

Improving methods for establishing norms for auxiliary works in drilling. I. V. Agafonov, V. O. Ermakov. Organ. i upr. nefteob. prom. no. 3:29-33 '68.

622. 2(73)—United States of America

Dicorrosion in the flooding of oil fields and its prevention in the United States of America. S. N. Litvinovskii. Nefi. i gaz. prom. no. 3:82-83 My-Je '68.

Instead of diamond drilling in the United States during the years 1960-1965. G. S. Gvarkov, P. A. Palli. Nefi. i gaz. 46 no. 5:57-59 My '68.

622.3 Mining of specific minerals, ores, rocks, liquid and gaseous minerals

Adoption of netlike methods of planning and managing the construction of pits for the mining of native sulfur. I. A. Ivanov and others. Khim. prom. Ukr. no. 1:37-41 Ja-F '68.

622.3 (Continued)

Advantages of using the uranium underground leaching method under the conditions of water-encrusted stratified deposits. N. V. Gubkin, D. T. Deslatsnikav, I. K. Rucheva. *Atm. energ.* 24 no. 6:511-514 Ju '68.

Appeal of participants of the conference of active workers of the enterprises and organizations of the Ministry of the Gas Industry to all workers of the gas industry of the U.S.S.R. *Stroi. trudoopr.* 12 no. 5:1-5 My '67.

At the 5th All-Union Congress of the Scientific and Technological Society of Mining. *Ugol'nik.* 12 no. 5:52-51 My '69.

Belorussov, V. O. [Technology of preventing difficulties in well drilling] *Tekhnologiya borby s oslozhnennymi pechennymi skvazhin.* Moskva, "Nedra," 1967, 181 p.

A block attachment for obtaining spark-proof circuits of transmitters. G. P. Degtiarev. *Gaz. prom.* 13 no. 5:19-20 My '68.

Build towns for the people. S. Shetloglova. *Sov. shakht.* 15 no. 12:25-26 D '68.

Change of the quality of ores during drawing, and its control in the caving systems of mining ores and enclosed rocks. M. I. Agoshkov, V. P. Ryzhov, R. M. Orlov. *Gor. zhur.* 143 no. 4:31-35 Ap '68.

Detection of attenuation of high-frequency communication signals in electrical power transmission lines of an oil field. L. A. Alonin, M. A. I. n. o. b. o. r. 6:23-26 '68.

Compulsory list of means for the protection of apparatus and equipment against accidents in coal mines. *Bezop. truda v prom.* 12 no. 4:41-48 Ap '68.

Concerning the mole mining. V. Petukhinov. *Sov. shakht.* 15 no. 12:14 D '68.

Conquering offshore fields. A. Chernov. *Neftnik* 13 no. 5:23-25 My '68.

Coverage of the maximal current protection in mine electric networks. I. A. S. Ilman. *Bezop. truda v prom.* 12 no. 4:33-41 Ap '68.

Determination of gas emanation from a working face with an exposed surface during various conditions of coal stowing machine movements. M. P. Koshelov and others. *Dop. AN URSR, Ser. A* 30 no. 4:366-372 Ap '68.

Determination of recovery factor. K. A. Zudakina. *Nauch. i tekhn. sbor. po dok. nefli* 11 no. 33:15-17 '68.

Determining oil recovery of formations containing resinous petroleum. R. S. Gurbayev. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 4:47-48 '68.

Determining the volume of information in telemetering and remote control systems of the oil and gas industry on the basis of algorithms of the operation and control of technological facilities. A. G. Mamikonov. *Za tekhn. prog.* 6 no. 5:1-3 My '63.

Drive of the PD-2M deep-well sampler. G. N. Lysianskiy, B. A. Malitskiy, S. S. Brelkovskiy. *Neft. i gaz. prom.* no. 3:34 My-Ju '68.

Dynamics of methane liberation from coal under different conditions of motion of stowing machines. M. P. Koshelov, I. A. Lar'ionin, A. S. Tsybul'nykh. *Dop. AN URSR, Ser. A* 30 no. 8:701-708 Ap '68.

Efficient. *Gaz. prom.* 13 no. 5:1-3 My '68.

Effect of deviation from the thermodynamic equilibrium on the characteristics of dissolution of gas condensate mixture. A. K. Kurbanov, M. D. Rozenberg, Z. S. Il'manova. *Nauch. i tekhn. sbor. po dok. nefli* 11 no. 33:41-48 '68.

Effects of the interaction of fields confined to a single water-drive reservoir system. S. N. Nazarov. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 1:30-42 '68.

Efforts to control sudden outbursts of coal and gases. R. Shchuravskiy. *Sov. shakht.* 15 no. 12:8-10 D '68.

Electric automatic device for the timely cutoff from processing field devices. I. U. P. Dorofeev. *Gaz. delo* no. 3:26-28 '68.

Electrograding slat. G. V. Kaprenko. *Sov. shakht.* 15 no. 12:2-4 D '68.

Experience in determining viscosities of reservoir fluids by the methodology of the URSI and extending the measuring range of the VVDY-1 viscometer. I. U. Filina. *Nauch. i tekhn. sbor. po dok. nefli* 11 no. 33:59-60 '68.

Experience in using fluid-bed flotation machines for the treatment of sulfur ores. N. F. Moschiernikov and others. *Khim. prom.* 44 no. 6:70-71 Ju '68.

Experimental study of the effect of gas on the formation of water-oil emulsions. I. M. Murav'ov, G. Z. Bragimov. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 4:49-52 '68.

Family pills. L. Kadzoeva. *Sov. shakht.* 15 no. 12:8 D '68.

Fiftieth session of the scientific and technical society. E. Garafina. *Neft. khoz.* 46 no. 5:63-64 My '68.

5th anniversary of the Leningradskiy Red Banner Complex Ore Mining and Dressing Combine. V. A. Orebenik. *Gor. zhur.* 143 no. 4:3-7 Ap '68.

Further development of principles in making plans to eliminate accidents. I. M. Solov'ev, S. I. Khilitsa. *Bezop. truda v prom.* 12 no. 4:7-10 Ap '68.

Get to work without spending any effort! *Sov. shakht.* 15 no. 12:1-2 D '68.

The goal of 390 million tons will be reached! *Neftnik* 13 no. 5:12 My '68.

Hydrodynamic calculation of the exploitation of multilayer water drive pools. A. M. Kullov, I. A. G. Unusov. *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 6:71-76 '67.

In the club branches. V. Glushkov and others. *Sov. shakht.* 15 no. 12:22-24 D '68.

Inject into a well in a nonuniform oil reservoir. R. A. Mekhricov. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 1:35-38 '68.

Kameralnaya, L. E., and M. F. Ol'ko. [Technical and economic grounds and calculations in the design of open-pit coal mines] *Tekhniko-ekonomicheskie osnovaniya i raschety pri projektirovani ugol'nykh kar'ero.* Moskva, "Nedra," 1968, 144 p.

Large tonnage wastes of chemical mining combines as a raw material for the cement industry. K. V. Rostenko. *Khim. prom. Ukr.* no. 1:61-62 Ja-F '68.

Letter of the golden star. I. Siatula. *Sov. shakht.* 15 no. 12:7 D '68.

May, the month of significant dates. *Neftnik* 13 no. 5:5 My '68.

Method for determining hydraulic parameters of circular field gas collectors. V. V. Karmashevich, O. Z. Kalinin. *Gaz. delo* no. 3:14-17 '68.

Methodology of calculating reservoir pressure on the basis of water wells. V. K. Fedorov, V. P. Binkonov. *Nauch. i tekhn. sbor. po dok. nefli* 11 no. 33:18-23 '68.

Mining of coal seams processing an sudden outburst hazard. I. U. T. Khoruzhidi. *Bezop. truda v prom.* 12 no. 3:11 Ap '68.

The Ministry of Chemical and Petroleum Machinery sets new goals. *Khim. i neft. mashinost.* no. 4:1-2 Ap '68.

Movement of fluid particles on any line of current in the presence of inclusions in a layer. K. N. Dzhalilov, I. A. M. Sulaimanov. *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 6:71-83 '67.

Multiply labor achievements in honor of the glorious anniversary. V. D. Kozlov. *Stroi. trudoopr.* 12 no. 7:6-7 Ju '67.

Nature of processes and approximate calculation of fluid flow in the damping of gasers. G. I. Savonov. *Neft. i gaz. prom.* no. 3:38-33 My-Ju '68.

New system of planning and economic stimulation in operation. S. M. Levin. *Neft. khoz.* 46 no. 5:1-5 My '68.

Nukiferov, V. A. [Winning peat deposits and the mechanical cutting of peat] *Razrabotka i osvoeniye mekhanicheskoy i mekhanicheskoy pererabotka torfa.* Minsk, "Vyshehsh. shkola," 1968, 321 p.

Nonsteady fluid flow in fractured reservoirs under linear laws of filtration. U. B. Abulajov, L. G. Nazimova. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 1:58-62 '68.

Operational safety during the drilling of boreholes and the mechanized mining of steep and gas-containing coal seams. A. M. Karpyov and others. *Bezop. truda v prom.* 12 no. 3:12-16 Ap '68.

Order of mining sections of mineral deposits. V. F. Spirin. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 4:58-60 '68.

Organization of central control service in the construction enterprises of the gas industry. *Stroi. trudoopr.* 12 no. 4:39 Ap '67.

Path toward glory. V. Babko. *Sov. shakht.* 15 no. 12:5-6 D '68.

[Petroleum and the sea. A translation] *Neft' i more.* Moskva, "Nedra," 1967, 168 p. 2 v.

Possibility of using the equilibrium constant in the isomerization of hydrocarbons for evaluating comparative of oil and condensate formation. I. A. Savvin, A. S. Volkovskiy. *Gaz. prom.* 13 no. 5:6-11 My '68.

Practice in developing and using the incentive systems in petroleum production industry enterprises working under the new conditions. M. T. Losov and others. *Organ. i upr. neflodob. prom.* no. 3:3-7 '68.

Prashin requiring clearance. P. N. Ivanov. *Sov. shakht.* 15 no. 12:11 D '68.

Regulations for the acceptance for operation of completed enterprises, installations, workshops, and plants of the petroleum industry. *Stroi. trudoopr.* 12 no. 4:37-38 Ap '67.

Results of socialist competition among petroleum workers in the anniversary year. *Neftnik* 13 no. 5:13-16 My '68.

Results of the review-competition for the best development and introduction of plans for scientific organization of labor. P. P. Korotkov. *Organ. i upr. neflodob. prom.* no. 3:13-15 '68.

[Rock pressure on thick steep seams] *Gorod davnio na mozhichykh krutychykh plastakh. Pod obshch. red.* T. F. Gorbacheva, Novosibirsk, "Nauka," 1967, 214 p.

Selecting pipeline diameter for the interfield transportation of gas-oil mixtures. V. A. Kargazov, V. A. Prizhevskiy, V. P. Lazarev. *Gaz. delo* no. 3:10-11 '68.

Socialist obligations of workers at the Ministry of the Gas Industry in honor of the 60th anniversary of the Great October Socialist Revolution. *Stroi. trudoopr.* 12 no. 4:1-6 Ap '67.

Some calculation results of optimum extraction of oil from a pool using mathematical programming. P. O. Gosenov and others. *Za tekhn. prog.* 6 no. 5:13-13 My '66.

Some characteristics of changes in the composition of helium during the development of gas fields. I. A. Anishechenko, N. A. Rilev, V. I. Sitkov. *Gaz. prom.* 13 no. 5:12-13 My '68.

Some problems of methodology in determining economic efficiency and the application of plastics in oil machinery construction. G. G. Gusevina. *Za tekhn. prog.* 6 no. 6:16-17 Ja '68.

Studying pressure changes in a bubble-point viscoplastic medium in a closed system. B. S. Gurbayev, R. N. Mukhomedov. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 1:83-86 '68.

Studying the molecular diffusion of fluids in a porous medium. V. G. Ogandzhanova, B. S. Sadchikov. *Nauch. i tekhn. sbor. po dok. nefli* 11 no. 33:50-52 '68.

Time of great deeds: from the meeting of activist workers of the petroleum production, gas, petroleum refining, and petrochemical industries. *Neftnik* 13 no. 5:17-19 My '68.

Trough pipes into better fire chambers. V. Margolia. *Sov. shakht.* 15 no. 12:13 D '68.

Use of analog computers in solving certain problems of the theory of conical filtration with moving boundary. G. G. Ielkin. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 4:77-81 '68.

Use of radioactive isotopes in the hydraulic engineering construction of offshore oil fields. I. P. Kuliev and others. *Za tekhn. prog.* 6 no. 5:38-39 My '63.

Using electronic computers for selecting the optimum capacity of an enterprise. K. V. Zablazev, N. A. Kislov, I. A. Istomin. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 5:61-66 '68.

A village grow in the taiga. *Neftnik* 13 no. 5:20-21 My '68.

Vsesoyuznyi nauchno-issledovatel'skiy institut prirodnykh gazov. [Reports at the meeting of the scientific council dedicated to the 60th anniversary of the Great October Revolution. October 18-19, 1967] *Doklady na zasedaniye Uchenogo sojeta, posvashchennomu 50-letiyu Velikoy Oktobr'skoy sotsialisticheskoy revolyutsii.* 18-19 okt. 1967 g. [Moskva,] 1967, 133 p.

Waiting for the meeting of the trade unions. D. Chaban. *Sov. shakht.* 15 no. 12:26-27 D '68.

Ways of improving the ventilation of development workings and slopes. S. A. Izrael'skiy. *Bezop. truda v prom.* 12 no. 4:10-23 Ap '68.

622.3(44)—France

Combined cathodic protection of oil-field pipelines and wells in the Lacq field. *Stroi. trudoopr.* 12 no. 5:37 My '67.

622.3(471.13)—Komi A. S. S. R.

Kenit's legacy. A. A. Kremn. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 4:3-4 '68.

622.3(471.45)—Volgograd Province

And here was a village. K. Kuznetsov. *Neftnik* 13 no. 5:23-24 My '68.

Experience in using a hydrocarbon-chalk paste for the elimination of syphon absorption. L. Vityukov, I. Zhelezniak. *Gaz. delo* no. 3:9-10 '68.

622.3(471.52)—Uzbekistan A. S. S. R.

Establishing work norms for hourly workers in the "Tuzmasan" Oil Field Administration. V. G. Sedatov, R. A. Zaimonov. *Organ. i upr. neflodob. prom.* no. 3:26-29 '68.

Story of five localities. G. Shostakov. *Neftnik* 13 no. 5:9-10 My '68.

622.3(471.531)—Komi-Pornyak National District

The new goals of scientific organization of labor. A. M. Fedorov. *Organ. i upr. neflodob. prom.* no. 3:30-42 '68.

Standard plans for scientific organization of labor. V. I. Viktorov. *Organ. i upr. neflodob. prom.* no. 3:36-38 '68.

622.3(471.54)—Sverdlovsk Province

Air supply margin for iron ore mines of the Nizhny Tagil Metallurgical Combine. K. V. Kozlov, T. K. Efremova, V. S. Volkov. *Gor. zhur.* 143 no. 4:70-71 Ap '68.

622.3(471.55)—Chelyabinsk Province

The stripping and conditions of mining operations at the Ufa open-pit mines. G. K. Zagoritskiy. *Gor. zhur.* 143 no. 4:24-27 Ap '68.

622.3(476)—White Russian S. S. R.

Increasing the producing capacity of formations and improving preliminary oil refining in the fields of White Russia. K. Makhmudbekov, V. Sharov. *Neftnik* 13 no. 5:28-29 My '68.

622.3(477)—Ukrainian S. S. R.

Development of the petroleum and gas industries and the effectiveness of fuel balance in the Ukrainian S. S. R. A. A. Zurbakov. *Neft. i gaz. prom.* no. 3:43-49 My-Ju '68.

Economically advantageous forms of the concentration of mining operations in the Krivoy Rog Basin. E. I. Shkula and others. *Gor. zhur.* 143 no. 4:14-18 Ap '68.

Methods of planning labor productivity in mines of the Krivoy Rog Basin. V. T. Koval'. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 5:67-71 '68.

Substantiation of the lower limit for reserves in the Onitza field. A. M. Zagnenko. *Neft. i gaz. prom.* no. 3:97-99 My-Ju '68.

Yefremova gas field. I. V. Vyachanskiy and others. *Gor. prom.* 13 no. 5:4-7 My '68.

622.3(477.6)—Donetsk Basin

Dependence of the cost of coal mining on the natural geological conditions of coal deposits. V. F. Besodin and others. *Org. i plan. oir. nar. khoz.* no. 4:135-139 '68.

Problem of preventing sudden outbursts of coal and gas in mining steep pitching seams in the Central Region of the Donetsk Basin. V. G. Arslanova, A. M. Parfenchuk, Z. N. Tolcheko. *Bezop. truda v prom.* 12 no. 4:3-7 Ap '68.

622.3(479.24)—Azerbaijan S. S. R.

Analyzing the data of the exploitation of all rings of gas condensate pools in the Apsheron Peninsula region; pool in the VII horizons of the Karadag field. S. R. Kholmanian and others. *Izv. vyz. ucheb. zav. i shk' l' gaz* 11 no. 4:37-42 '68.

Experience in the collection and transportation of gas and condensate in the Yuzfaya offshore field. A. M. Gernidullazade and others. *Gaz. delo* no. 3:18-22 '68.

2182

... 34-35 May '68.

... from the construction of a central grinding plant. M. S. Shchur, Prom. stroit. 44 no. 6:70-71 Je '68.

... design and building iron ore dressing plants. V. I. Zolotarev, V. M. Kuznetsov, I. T. Rodionov. Obog. rud. 12 no. 4:55-56 Je '67.

... using multi-belt flotation machines for the 4 sulfur ores. K. F. Meshchertkov and others, Prom. stroit. 44 no. 6:70-71 Je '68.

... technology of ferrous metal ore dressing, and others. Obog. rud. 12 no. 1:5-20:31 '67.

... planning coal supply centers of technical and objects of coal preparation plants. A. I. L. O. Veri, Koks i khim. no. 5:3-5 '68.

... for simplicity on technical and economic centralization of crushing. A. A. Tselchukov. Gor. zhur. 113 no. 3:18-20 Ap '68.

... the possibility of granular mixtures on the their comminution. A. I. Kiprta, Izv. vys. ucheb. zav. gor. zhur. 11 no. 5:2:12-16 F '68.

... and developing methods of analysis of composition of minerals. N. N. Mantelitskii. Obog. rud. 12 no. 4:5-40-43 '67.

... gravity concentration processes. A. S. others. Obog. rud. 12 no. 4:5-35-40 '67.

... in the field of flotation theory and the study of flotation reagents. I. V. Ivanov and others. Obog. rud. 12 no. 4:5-13-20 '67.

... method of determining the content of certain components in the preparation process. A. M. others. Koks i khim. no. 5:12-13 '68.

... dehydration of coal flotation concentrates by with balling additives. K. A. Belov, Koks i khim. no. 5:13-139 My '68.

... assessing the optimum degree of crushing for coking. A. P. Ponomarev and others. Obog. rud. 12 no. 4:1-6 '60.

... in areas of the Gay and Uchaly deposits. A. T. F. Kirova, TSvet. met. 41 no. 2:1:2-10 F '68.

... projects of slatting and pelletization plants. Koks i khim. no. 12 no. 4:5-63-71 '67.

... of filter drum rotation. A. I. Radenko. Obog. rud. 12 no. 2:21-22 F '68.

... solution of fused slates (7 sheets) of coking. A. T. Tselchukov and others. Obog. rud. 12 no. 4:5-5-10 '67.

... of existence of dialkylthiocarbamate in the aqueous media. A. K. Lysitskii, A. V. TSvet. met. 41 no. 2:10-21 F '68.

... fuel for smelting in rotary furnaces. G. N. others. Koks i khim. no. 2:20-23 '68.

... for coking in the coking of fused iron ores and others. Shor. i in. IZMIM '67.

... toward a barite concentrate in raw mass chemical industry. F. I. Stignunov. TSvet. met. 41 no. 2:10-10 F '68.

... design work on magnetic separators. A. M. Levitskii. Obog. rud. 12 no. 4:5-10 F '68.

... the field of chemical methods of mineral processing. N. N. Mantelitskii. Obog. rud. 12 no. 4:5-10 F '68.

... the field of crushing and comminution processes. N. N. Kuznetsov and others. Obog. rud. 12 no. 4:5-31-34 '67.

... work, and further objectives of the Institute (Scientific Research Institute for Central Processing of Minerals. I. V. Y. Obog. rud. 12 no. 4:5-3-7 '67.

... with aqueous magnesia suspension as object coupled control. I. M. Saghala, I. M. Mestov. Izv. vys. ucheb. zav. gor. zhur. 11 no. 5:142-147 '68.

... field of smelting and pelletization. N. K. Bog. rud. 12 no. 4:5-47-50 '67.

... process of cold granulation of copper concentrate. B. I. Kiliacov. TSvet. met. 41 no. 2:23-24 F '68.

... practice of electric and magnetic methods of mineral processing. Teoriia i praktika elektricheskikh i magnetnykh metodov separatsii poleznykh iskopnykh. Nauka, 1968. 127 p.

... processes occurring in centrifugal reactors. I. U. N. Syndolchik, B. D. Ponomarev. Obog. rud. 12 no. 2:4-6 F '68.

... and standardization of crushing and grinding. N. S. Sazonov, V. A. Safarov. Obog. rud. 12 no. 2:1-2 '67.

... dry dust collectors. A. V. Kalmykov, M. T. Koks i khim. no. 5:8-12 '68.

... of wood chemistry for coal flotation. I. I. Ordynskii and others. Koks i khim. no. 5:13-14 '68.

... of cone-type crusher casings. P. V. Gor. zhur. 113 no. 4:52-53 Ap '68.

622.4 Southern Mining and Ore Dressing Combine. E. F. Vetrova and others. Gor. zhur. 113 no. 4:63-65 Ap '68.

622.5 Evaluation of resources for the production of fused iron ore pellets in the Dnieper Valley. M. L. Gendin, Izv. vys. ucheb. zav. gor. zhur. 113 no. 8:7-11 Ap '65.

622.6 Expanding the use of coal breeze flotation in the Ukraine. V. M. Nazarenko, M. G. Elchashchikov. Obog. rud. 12 no. 5:23-25 My '69.

622.7 Main trends in the expansion of coal preparation in the Ukraine. V. I. Chelunov, P. N. Karmov, A. M. Kozlov. Ugol. 61 no. 12 no. 5:2-15 My '68.

622.8 Recommendations of the school of economics in Volynsk. A. S. Shchur, I. I. Dezhnevskii. Ekonom. 10 no. 2:95-96 F '68.

622.9 Trends of the scientific technological progress regarding coal preparation in the Ukraine. N. I. Malakheva. Ugol. 61 no. 12 no. 5:11-14 My '68.

622.7 (477, 6)—Donetsk Basin

The Sublignite Central Coal Preparation Plant in the leading factory. I. P. Artyushchuk. Ugol. 61 no. 5:31-35 My '68.

Work practices of the Novo-Irmino Central Coal Preparation Plant. V. V. Polivov. Ugol. 61 no. 5:37-40 My '68.

622.7 (574)—Kazakh S. S. R.

Improving the equipment repair service of the Leninogorsk Complex Ore Mining and Dressing Combine. F. P. Elchukov. Gor. zhur. 113 no. 4:7-11 Ap '68.

622.8 Safety and health protection in mines. Accidents. Damage

All-Union scientific technological conference on problems of mercury and lead vapor formation during electric blasting in mines. G. A. Ibrakulov, R. V. Mikhalev. Gor. zhur. 113 no. 4:77 Ap '68.

Measures in coal mines and ways of preventing them. M. A. Gerasimov. Vostok. 10 no. 5:103-105 My '68.

Compulsory list of means for the protection of apparatus and equipment against accidents in coal mines. Bezop. truda v prom. 12 no. 1:44-46 Ap '68.

Conference on problems of analyzing the stability of slopes in the open-pit mines of ferrous metallurgy. L. T. Zerkov, A. I. P. M. Gor. zhur. 113 no. 4:76 Ap '68.

Controlling the fullness of chamber filling made by loading filters. V. P. Kravchenko, V. T. Kravchenko. Gor. zhur. 113 no. 4:41-42 Ap '68.

Determining stresses on a pillar between two workings. A. E. Klykov, A. P. Fedotov. Izv. vys. ucheb. zav. gor. zhur. 11 no. 6:35-38 '63.

Dust collecting during roller mill boring. D. I. Semchenko and others. Gor. zhur. 113 no. 4:67-68 Ap '68.

Experience in using metal-ore fillings in coal mines of the Frunzenskii Trust. V. M. Lashov, V. P. Ivanov. Bezop. truda v prom. 12 no. 4:35-38 Ap '68.

Further development of principles in making plans to eliminate accidents. P. A. Solov'ev, S. A. Kiselev. Bezop. truda v prom. 12 no. 4:7-10 Ap '68.

Ice formation in the channels of ventilating systems worsens mine ventilation. I. S. Semchenko. Bezop. truda v prom. 12 no. 4:16-17 Ap '68.

Mining of coal seams presenting no sudden outburst hazards. I. U. T. Khromskii. Bezop. truda v prom. 12 no. 4:11 Ap '68.

Operational safety during the drilling of boreholes and the mechanized mining of steep and gas-containing coal seams. A. M. Karpov and others. Bezop. truda v prom. 12 no. 4:12-16 Ap '68.

Preventing rock outbursts with the aid of stress relieving boreholes. N. P. Voloshin and others. Shkhi. stroit. 12 no. 3:7-9 Ap '68.

Preventing ruptures of equipment for circulation system on boring rigs. M. V. Mutazov, A. F. Sattubalova, N. S. Zhuchikov. Bezop. truda v prom. 12 no. 4:20 Ap '68.

Problem of preventing sudden outbursts of coal and gas in mining steep pitching seams in the Central Region of the Donetsk Basin. V. G. Arslanov, A. M. Poyarkov, Z. M. Telitsko. Bezop. truda v prom. 12 no. 4:3-7 Ap '68.

Problems of air conditioning in coal mines of the Donetsk Basin. H. I. Borichev, A. A. Fildus. Bezop. truda v prom. 12 no. 4:17-19 Ap '68.

Protective barrier with remote control. S. I. A. Sosulov. Bezop. truda v prom. 12 no. 4:51-52 Ap '68.

[Rock pressure on thick steel seams] Gornoe daniye na mashtabnykh krutykh plastakh. Pod obschi. red. T. F. Gornichenov. Novosibirsk, "Nauka," 1967. 214 p.

Safety of mining operations ensured by the PPU-2 equipment. V. I. Ivanchenko and others. Bezop. truda v prom. 12 no. 4:33-35 Ap '68.

Semiautomatic rod holder. M. A. Rastorguev. Bezop. truda v prom. 12 no. 4:51 Ap '68.

Studying operating conditions of a single-coil thermocatalytic methane detector in conditions of forced heat exchange. V. M. Tarasovych. Dop. AN URSR. Ser. A 30 no. 4:372-377 Ap '68.

With a contribution to safety. A. Yorgasida. Sov. shkhi. 15 no. 12:10 D '68.

622.8 (477)—Ukrainian S. S. R.

Causes of accidents in ore mining and rock material industries of the Ukraine. I. I. Tokarskii, V. I. Burlakov. Bezop. truda v prom. 12 no. 4:24-27 Ap '68.

623.1 Fortifications. Fortresses

623.1 (576, 1)—Uzbek S. S. R.

The important condition of success. A. Abduganiev. Ekonom. 10 no. 3:79-80 My '68.

623.4 Ordnance. Guns. Service vehicle. Armament. War gases

Flame throwing and incendiary weapons. V. G. Goryunov, A. Kuznetsov, A. Ponomarev. Tekh. kino. 16 no. 4:16-17 Ap '68.

623.4 (71)—Canada

Canada and the war in Vietnam. H. Rign. Mezhdunar. zhurn. 15 no. 5:10-13 '68.

623.451 Projectiles. Shells. Bombs. Guided missiles

Automatic line-up of satellites in the orbit. Tekh. kino. 16 no. 1:7 Ja '68.

Ascending the sky. H. Greshenkov. Tekh. kino. 16 no. 4:4-5 Ap '68.

Gas fires off rocket engines. V. Morev. Izv. i rais. no. 11:40 '67.

Gyroscopic drives. A. K. Neusypin. Vost. protivovozl. stroit. no. 1:66-71 Ap '68.

[Agonizing, V. V., and G. A. Kulebnikov. Gyroscopic instruments of ballistic missiles] Gyroskopicheskie pribory ballisticheskikh rak. Moskva, Voenizdat, 1957. 214 p.

623.71 Military topography, survey

Calculating the probable location of a ship in an error figure. V. A. Golitsyn. Mor. flot. 51 no. 3:45-50 My '63.

623.74 Military and naval aircraft

Jet designer, the airplane, and the time. A. Iakovlev. Av. i kosm. no. 7:12-16 31 '68.

Stable operation of engines. V. F. Smolnikov. Vost. protivovozl. stroit. no. 4:55-58 Ap '68.

624 Civil structural engineering

Adaptability of bent compressed beams. A. V. Gornov. D. N. Kuznetsov. Stroitel. mekh. i rasch. stroit. 9 no. 6:21-26 '67.

Aleksandr Iosifovich Segal's obituary. Stroitel. mekh. i rasch. stroit. 9 no. 2:52 '67.

All-Union conference on the lasting quality of structures. Stroitel. mekh. i rasch. stroit. 20 no. 1:44-46 Ja '67.

Application of single series to the problem of constrained vibrations of shallow cylindrical panels. N. I. Spiridonova. Trudy Ural. politekh. inst. no. 156:32-41 '67.

Applying the variational principle to solving problems of the stability of bent compressed beams. G. E. Bel'skii. Stroitel. mekh. i rasch. stroit. 9 no. 6:21-26 '67.

At the State Committee for Civil Engineering and Architecture at the State Committee on Construction of the Council of Ministers of the U. S. S. R. Stroitel. mekh. i rasch. stroit. 20 no. 1:40-31 Ja '67.

Barrel-type shell arches. K. I. Zazerkii, A. E. Kiselevskii. Stroitel. mekh. i rasch. stroit. 12 no. 6:13-15 Ap '66.

Heading of cylindrical shells on equivalent supports. V. S. Ivanov. Stroitel. mekh. i rasch. stroit. 9 no. 2:16-21 '67.

Box-shaped roofing for single-story buildings. A. M. Moshin. Prom. stroit. 44 no. 7:13-15 '67.

Calculating a combined guy truss by the matrix method. H. K. Komov. Stroitel. mekh. i rasch. stroit. 9 no. 6:1-5 '67.

Calculating barrel-type shell arches. K. N. Ilenko. Stroitel. mekh. i rasch. stroit. 9 no. 6:37-41 '67.

Calculating dynamical reinforced concrete supports. A. A. Kozlov. Stroitel. mekh. i rasch. stroit. 9 no. 2:44-43 '67.

Calculating frame-wall constructions by the method of successive approximations. V. K. Krylov. Stroitel. mekh. i rasch. stroit. 10 no. 1:12-14 '68.

Calculating frames by the variational method using electronic digital computers. I. U. Koida, V. I. A. Rebokov. Stroitel. mekh. i rasch. stroit. 9 no. 6:40-47 '67.

Calculating joints of rigid diaphragms with columns in frame-panel structures. F. G. Litvinov, I. A. Romanova. Stroitel. mekh. i rasch. stroit. 9 no. 2:7-9 '67.

Calculating moment shells on an elliptic plane. I. V. Volkov. Stroitel. mekh. i rasch. stroit. 10 no. 1:40-41 '68.

Calculating multibay and multiplane frames for horizontal loads. S. A. Hognitskii, H. I. Pogorolova, Trudy Ural. politekh. inst. no. 156:147-151 '67.

Calculating plates by the limit equilibrium method considering a more precise fracture diagram. F. I. Vilen. Stroitel. mekh. i rasch. stroit. 10 no. 3:38-37 My '68.

Calculating rigid circular plates on an elastic base by the method of paired equations. A. I. Tsoitlin. Stroitel. mekh. i rasch. stroit. 10 no. 1:14-20 '68.

Calculating roofs for industrial buildings under dynamic loads. A. M. Blazov. Stroitel. mekh. i rasch. stroit. 9 no. 6:48-49 '67.

Calculating shallow shells of revolution by the method of straight lines. A. M. Aikunandrov. Stroitel. mekh. i rasch. stroit. 10 no. 1:11-14 '68.

Calculating space framed beamless roofs. G. B. Begun. Stroitel. mekh. i rasch. stroit. 9 no. 6:10-11 '67.

Calculating axially undecompressible rod systems. H. B. Gornitskii. Stroitel. mekh. i rasch. stroit. 9 no. 2:18-18 '67.

Calculating structural elements resting on an elastic foundation and having a unilateral bracing with it. V. I. Sil'ker. Stroitel. mekh. i rasch. stroit. 9 no. 6:10-11 '67.

Calculating thermal effect on single-layered plates. A. A. Emolinov. Stroitel. mekh. i rasch. stroit. 9 no. 6:4-8 '67.

Calculating thick plate on an elastic footing by the compensating load method. A. I. Solov'ov. Stroitel. mekh. i rasch. stroit. 9 no. 2:9-12 '67.

Calculating thin nonelastic shells. V. D. Bordug. Stroitel. mekh. i rasch. stroit. 10 no. 1:10-11 '68.

Calculation of a ring on a compressible layer. K. V. Kovalev, I. G. Cong-chung, Qui, J. Anal. i mekh. gunt. 8 no. 6:1-2 '68.

- Calculation of medium length prismatic shells for an evenly distributed load. A. D. Kazariyev. *Trudy Ural. politekhn. inst.*, no. 158:73-81 '87.
- Calculation of statically indeterminate frames by the improved method of successive corrections. I. A. Kogan. *Trudy Ural. politekhn. inst.*, no. 158:110-119 '87.
- Calculation of strength and rigidity under longitudinal impact. V. V. Bagreev. *Sroil. mekh. i rasch. soor.* 9 no. 6:28-30 '67.
- Calculation of the loss of stress due to creep of keramit concrete in process-monoolithic structures. K. P. Dellos. *Bel. i zhel.-bet.* 13 no. 2:37-39 '87.
- Calculation of volumetric elements of rigidity in multi-story buildings. D. M. Podol'skiy. *Sroil. mekh. i rasch. soor.* 10 no. 1:5-8 '88.
- Canilizer correctional precast space structures. D. I. Kozhatskiy. *Izvest. i zhel.-bet.* 12 no. 8:10-31 '86.
- Carrying capacity of axially and eccentrically compressed prestressed reinforced concrete elements. E. V. Orlovskiy. *Bel. i zhel.-bet.* 13 no. 2:34-37 '87.
- Computation of areas and static moments of diagrams by the constant factor method. A. I. Fed'man. B. A. Lavrov. *Gidrot. i zhel.-bet.* 13 no. 1:52 '87.
- Coordinating reference on the use of models in testing structural elements. B. P. Vol'fon. *Sroil. mekh. i rasch. soor.* 8 no. 6:42-45 '87.
- Crack resistance and strength of spherical prestressed reinforced concrete shells. S. M. Medvedev. *Bel. i zhel.-bet.* 12 no. 8:45-40 '86.
- Current problems in the theory of seismic stability. I. I. Gol'denblat. S. V. Pol'skiy. *Sroil. mekh. i rasch. soor.* 9 no. 6:1-4 '87.
- Design of buttress flanges. V. K. Stakhov. *Trudy Ural. politekhn. inst.*, no. 158:62-92 '87.
- Design of plates with a free edge. O. A. Zhuravskaya. *Trudy Ural. politekhn. inst.*, no. 158:93-97 '87.
- Design of reinforced concrete rods for anchor bolting of mines. G. M. Kirillov. *Trudy Ural. politekhn. inst.*, no. 158:140-146 '87.
- Design of shallow shells by the combination method using a computer. A. A. Logvinovskaya. *Trudy Ural. politekhn. inst.*, no. 158:42-50 '87.
- Design of wall beams resting on an elastic foundation. V. V. Chuvatov. *Trudy Ural. politekhn. inst.*, no. 158:15-20 '87.
- Designing irregular frames by the balancing method. I. A. Egorov. *Trudy Ural. politekhn. inst.*, no. 158:131-139 '87.
- Designing of gently sloping shells. I. U. V. Chernenkov. M. B. Kravtsovskiy. *Izvest. i zhel.-bet.* 12 no. 8:40-41 '86.
- Designing spatial support systems for fully prefabricated multi-story buildings. P. F. Drozdov. *Sroil. mekh. i rasch. soor.* 10 no. 1:2-5 '88.
- Determination of translations in an ellipsoidal vessel based on the momentless theory. N. I. Spiridonov. E. G. Iasov. *Trudy Ural. politekhn. inst.*, no. 158:62-67 '87.
- Determining critical loads for cylindrical shells on a model. B. L. Kravtsovskiy. *Sroil. mekh. i rasch. soor.* 9 no. 2:21-23 '87.
- Determining rational correlations of rigidity of struts from conditions of their uniform stability. A. N. Rastvorov. *Sroil. mekh. i rasch. soor.* 10 no. 1:23-28 '88.
- Determining the optimum magnitude of stress in tightening prestressed girders. E. M. Vasil'eva. *Sroil. mekh. i rasch. soor.* 9 no. 2:46-47 '87.
- Device for checking the creep of high-pressure pipes. A. L. Kalymov. A. D. Rovkov. *Elek. stn.* 39 no. 6:77 '88.
- Diffraction of elastic waves in a cavity braced with a rigid ring. M. A. Dashkevskiy. *Sroil. mekh. i rasch. soor.* 9 no. 2:33-36 '87.
- Double curvature shells made of precast reinforced concrete with metal membrane trusses. V. V. Shugayev. V. A. Vankovskiy. *Bel. i zhel.-bet.* 12 no. 8:16-23 '86.
- Dynamic calculation of three-dimensional frames by the method of balancing nodal moments. I. A. Egorov. *Trudy Ural. politekhn. inst.*, no. 158:130-139 '87.
- Dynamic effect on a beam of a load moving at variable speed. S. S. Kokinitskiy. A. P. Filippov. *Sroil. mekh. i rasch. soor.* 9 no. 2:35-37 '87.
- Effect of structural disturbance on the depth of seasonal freezing of clay soils. V. I. Fedorov. *Osn., fund. i mekh. grun.* 6 no. 6:8 '86.
- Elastic foundation bed model. G. B. Muravskiy. *Sroil. mekh. i rasch. soor.* 9 no. 6:14-17 '87.
- Erecting and testing of a suspended prestressed reinforced concrete shell. Z. S. Dzheparidze. O. G. Sutabidze. *Bel. i zhel.-bet.* 12 no. 8:31-33 '86.
- Evaluating designs of residential and communal structures. E. Dobruskiy. *Inform. biul. VDNKII* no. 1:12-14 '88.
- Experience in thin-walled reinforced concrete construction of space structures in the U.S.S.R. G. K. Khaidukov. G. F. Volkov. P. M. Sverdlov. *Izvest. i zhel.-bet.* 12 no. 8:11-12 '86.
- Experimental investigation of free vibrations of large-span metal trusses. G. M. Ostrikov. G. A. Azharmachev. *Prom. stroit.* 44 no. 7:35-36 '87.
- Experimental study of joints in consolidated assembly structures. O. V. Nikhalov. *Gidrot. i zhel.-bet.* 13 no. 1:19-25 '87.
- Experimental study of shells. V. P. Aboskiy. K. G. Abramovitch. N. P. Aboskiy. *Bel. i zhel.-bet.* 12 no. 8:23-27 '86.
- Experimental study of the design of a reticular shell. M. Lankovskiy. *Prom. stroit. i zhel.-bet.* 10 no. 1:25-27 '86.
- Experimental study of the operation of a diaphragm safety valve in tanks of oil switches. V. G. Godevich. V. V. Kolobov. *Trudy Ural. politekhn. inst.*, no. 158:100-110 '87.
- Experimental study of the stability of reinforced shells with even Gaussian curvature. S. A. Timashov. *Trudy Ural. politekhn. inst.*, no. 158:98-105 '87.
- Fourth International Congress on the use of computers in construction. P. A. Reznikov. *Sroil. mekh. i rasch. soor.* 10 no. 1:44-46 '88.
- Free oscillations of shells having the shape of hollow hyperbolic paraboloids. R. L. Malkina. *Trudy Ural. politekhn. inst.*, no. 158:5-14 '87.
- High-frequency vibrations of a circular plate. N. M. Borodachov. *Sroil. mekh. i rasch. soor.* 9 no. 6:31-32 '87.
- Improving the quality of construction in seismic areas. *Biul. stroit. tekhn.* 29 no. 1:8-10 '87.
- Increasing service life of industrial buildings and structures. A. F. Sergeev. *Bel. i zhel.-bet.* 13 no. 2:47-48 '87.
- Investigation of deformations of asymmetric frames from elastoplastic materials. V. A. Kirin. *Sroil. mekh. i rasch. soor.* 10 no. 1:35-39 '88.
- Kartashov, G. L. [Safety manual for use in corrosion protection of apparatus and structural members] *Pamiatka po tekhnike bezopasnosti pri rabotakh po zashechilo i korrozii apparatury i stroitel'nykh konstruktst. Moskva, Stroizdat, 1987. 38 p. (Tekhnika bezopasnosti v stroitel'stve).*
- Lazar, Solomonovich Gilyan; obituary. *Sroil. mekh. i rasch. soor.* 9 no. 2:52 '87.
- Less expensive, more comfortable and quicker. *Inform. biul. VDNKII* no. 1:16-17 '88.
- Lines of influence of redundant unknowns in symmetric trussless arches. B. D. Fritsenov. *Sroil. mekh. i rasch. soor.* 10 no. 1:46-48 '88.
- Longitudinal dynamic horizontal forces arising from the interaction of wheels and rails. V. N. Lashchenko. *Trudy KHMII* no. 61:3-33 '86.
- Measuring the parameters of angular vibrations of high-altitude constructions. V. I. Torokhov. L. I. Stomakhina. *Sroil. mekh. i rasch. soor.* 10 no. 1:39-41 '88.
- Mechanism of the residual deformation of brittle and porous materials. I. I. Cherkasov. *Osn., fund. i mekh. grun.* 6 no. 6:3-4 '86.
- More efficient methods for calculating space roofs. D. V. Vainberg. *Sroil. mekh. i rasch. soor.* 9 no. 6:35-37 '87.
- Movable load forces for rural construction. *Biul. stroit. tekhn.* 29 no. 1:10 '87.
- Multi-story frame buildings built from reinforced concrete elements. D. I. Kadzhaia. *Bel. i zhel.-bet.* 14 no. 3:19-21 '88.
- Naumenko, V. S., and K. I. Belikovskiy. [Precast reinforced-concrete subgrades and pavement slabs for streetcar tracks] *Shorinye zhotobovaniye oboimovani i pokrytiya tramval'nogo puti. Moskva, Stroizdat, 1987. 101 p.*
- New types of gates for industrial buildings. *Biul. stroit. tekhn.* 29 no. 1:26 '87.
- Norms and permissible variations in gauge maintenance. V. I. Angeltsova. G. V. Krasenkova. V. I. Novikovich. *Trudy KHMII* no. 61:34-41 '86.
- Overhead crane loads. A. A. Bal'. *Sroil. mekh. i rasch. soor.* 9 no. 2:47-40 '87.
- Preparation of horizontally arranged rod reinforcement for flash welding. I. V. Gal'dimskiy. M. I. Osmak. *Prom. stroit.* 44 no. 7:42-43 '87.
- Preventing the formation of cracks in beams caused by temperature strains. R. I. Khismov. L. A. Boudrelnuk. *Bel. i zhel.-bet.* 14 no. 3:21 '88.
- Problem of the highest loads. I. A. Fedorov. *Sroil. mekh. i rasch. soor.* 8 no. 6:10-14 '87.
- Qualitative study of stability of bent and compressed rods. G. E. Bel'skiy. *Sroil. mekh. i rasch. soor.* 9 no. 2:23-27 '87.
- Reinforced concrete thin-walled space structures. G. A. Karavaev. *Bel. i zhel.-bet.* 12 no. 8:2-3 '86.
- Results from testing nonstandard reinforced concrete trusses. B. N. Mizerluk. I. D. Rybakov. *Prom. stroit.* 44 no. 7:41 '87.
- Seminar "Elektronnoe modelirovaniye zadach mekhaniki." [Seminar "Electronic modeling of mechanical problems"; reports] Seminar "Elektronnoe modelirovaniye zadach mekhaniki." [doklady]. Kiev. Vyp. 1. 1987. 107 p.
- Simplified method for determining stresses considering creep in a uniform, statically indeterminate system. G. F. Pen'kovskiy. *Sov. nauch. rab. DVNII* no. 6:52-65 '88.
- Sixth All-Union Conference on Theory of Shells and Plates. V. V. Bolotin. *Sroil. mekh. i rasch. soor.* 9 no. 2:48-51 '87.
- Space structures in the U.S.S.R. A. P. Vasil'ev. I. U. V. Chernenkov. *Bel. i zhel.-bet.* 12 no. 8:3-9 '86.
- Stability criteria for rod constructions made of elastoplastic materials. A. V. Garmovskiy. *Sroil. mekh. i rasch. soor.* 10 no. 1:30-33 '88.
- Stability of continuous rectangular plates under biaxial compression. V. I. Kilmanov. *Trudy Ural. politekhn. inst.*, no. 158:21-31 '87.
- Stability of flat bent wooden beams considering the elastoplastic modulus. V. A. Shitapin. *Trudy Ural. politekhn. inst.*, no. 158:162-167 '87.
- Stability of frames beyond the elastic limit. L. G. Lopayevskiy. *Trudy Ural. politekhn. inst.*, no. 158:152-161 '87.
- Stability of prestressed slender columns. M. M. Khol'minskii. *Bel. i zhel.-bet.* 13 no. 8:44-45 '88.
- Stability of rods of variable cross section. N. K. Snitko. *Sroil. mekh. i rasch. soor.* 10 no. 1:34-35 '88.
- Stability of rods under a variable compressing force. V. I. Sivker. *Sroil. mekh. i rasch. soor.* 9 no. 2:31-33 '87.
- Standardizing reinforcing structures for standard reinforced concrete structural elements. R. G. Sitalkin. *Prom. stroit.* 44 no. 7:11-12 '87.
- Statistical calculation of multi-span instantaneously rigid girders. E. M. Sidorovich. *Sroil. mekh. i rasch. soor.* 9 no. 2:1-3 '87.
- Statistical characteristics of mechanical heterogeneities in underground pipelines. E. P. Kudryavtsev and others. *Sroil. mekh. i rasch. soor.* 9 no. 8:19-21 '87.
- Strength of the joint between prefabricated reinforced concrete elements and concrete blocks. A. A. Adamovskiy. G. I. Alshuk. *Gidrot. i zhel.-bet.* 13 no. 8:16-18 '86.
- Stress distribution in a statistically nonuniform elastic half-plane. V. D. Nasonkin. *Sroil. mekh. i rasch. soor.* 10 no. 1:26-23 '88.
- Stressed state of a thin-walled rod in the zone of application of a bimoment load. M. N. Zak. *Sroil. mekh. i rasch. soor.* 9 no. 2:12-10 '87.
- Study of suspended precast-monoolithic prestressed reinforced concrete shells. I. G. Lyudkovskiy. A. D. Fedorov. *Bel. i zhel.-bet.* 12 no. 8:27-30 '86.
- [Structural mechanics in examples and problems] *Siroitel'naya mekhanika v primerakh i zadachakh. Pod red. V. A. Kiseleva. Izd. 2-o, ispr. i dop. Moskva, Stroizdat, 1988. 387 p.*
- Supercritical behavior of Siroitel' stand in an elastic stage. V. A. Kiselev. *Sroil. mekh. i rasch. soor.* 5 no. 2:28-30 '87.
- Testing a model of thin-walled multiwave vault. A. V. Dubinskii and others. *Bel. i zhel.-bet.* 12 no. 8:31-36 '86.
- Thin prestressed reinforced concrete roof slabs for industrial buildings with transverse arc reinforcement. I. U. Dmitriyev and others. *Prom. stroit. i zhel.-bet.* 10 no. 1:17-18 '87.
- Transverse asymmetric vibrations of a plate on an elastic foundation. V. S. Glazyrin. *Sroil. mekh. i rasch. soor.* 9 no. 2:40-44 '87.
- 24th Scientific Conference of the Leningrad Civil Engineering Institute. S. N. Sotnikov. *Osn., fund. i mekh. grun.* 6 no. 4:30 '86.
- 24th Scientific Conference of the Leningrad Civil Engineering Institute. *Vod. i san. tekhn.* no. 8:39-43 '86.
- Use of the method of forces for designing round plates with complex loading. I. P. Gaponov. *Trudy Ural. politekhn. inst.*, no. 158:68-72 '87.
- Use of the spectral function method in some problems of stability and oscillations of plates and shallow shells. V. I. Bogal'tsev. *Trudy Ural. politekhn. inst.*, no. 158:51-61 '87.
- Vibrations of apartment house floors. I. U. V. Chernenkov. *Sroil. mekh. i rasch. soor.* 9 no. 6:32-34 '87.
- Ways of increasing the technical level of construction during the new five-year plan period. P. F. Bakula. *Biul. stroit. tekhn.* 29 no. 1:1-6 '87.

624(477)—Ukrainian S. S. II.

3x4m ribbed slabs with wire reinforcement for industrial buildings. A. Svelov. V. Ilyukhin. V. Korotkiy. *Prom. stroit. i zhel.-bet.* 10 no. 1:10-22 '87.

624(470, 22)—Georgian S. S. R.

Relationship between rheological indices of reinforced concrete elements and the temperature and humidity. O. I. Kvitaladze. L. G. Gvetsiant. *Bel. i zhel.-bet.* 14 no. 3:25-27 '88.

- 624.1 Earthwork. Foundations. Substructures. Tunneling
- Actual and arrested processes in colored loose soils. G. P. Saryev. *Trudy Gidropromkha* 0:06-08 '83.
- Application of semiempirical methods for the determination of mechanical properties of hydraulic structures. I. A. Suvich. Z. G. Vukobratov. *Gidrot. i zhel.-bet.* 12 no. 8:25-36 '87.
- Automated underwater sampler of reinforced concrete soils. A. I. Ogarev. M. G. Korol'minov. *Gidrot. i zhel.-bet.* 12 no. 8:25-36 '87.
- Basic trends in the construction of machinery and equipment for working frozen soils. M. I. Novitskiy. B. M. Orlov. *Sroil. i zhel.-bet.* 13 no. 2:4-9 '86.
- Blasting concrete foundations. V. E. Alekseyev. P. I. Mikhalenko. V. V. Sviridov. *Prom. stroit.* 44 no. 7:10-22 '87.
- Buried soils, buried soil inlets and shrinkage features as stratigraphic indicators in engineering geology surveys. G. I. Gorbalkin. *Trudy Gidropromkha* 0:20-23 '83.
- Calculation of the effect of directed blasts. A. N. Rostovskiy. V. V. Garmovskiy. *Gidrot. i zhel.-bet.* 12 no. 8:5-9 '87.
- Calculation of foundation settlement of thawing soils. M. V. Malyukov. *Osn., fund. i mekh. grun.* 6 no. 4:20-24 '86.
- Calculation of high pile grillage abutments. K. S. Zavrlov. *Trudy TSNIIS* no. 60:152-155 '80.
- Calculation of piles and short piles for horizontal loads. K. S. Zavrlov. N. M. Ilyukhin. *Trudy TSNIIS* no. 60:137-151 '80.
- Calculation of plastic deformation during the percussive compaction of soils. I. R. Stavnitskiy. *Osn., fund. i mekh. grun.* 6 no. 4:10-10 '86.
- Calculation of shear stresses in foundation canilevers. A. T. Maril'man. *Osn., fund. i mekh. grun.* 6 no. 6:12-14 '86.
- Calculation of soil shooting distance with consideration of air resistance. V. S. Malar. *Tranp. stroit.* no. 5:42-43 '88.
- Calculation of the ventilation for mechanized shield tunneling. N. N. Sankovich. L. I. D'akonova. N. E. Tolstova. *Tranp. stroit.* no. 5:46-46 '88.
- Calculation of the water regime in foundations of industrial structures. I. S. Nikitin. *Osn., fund. i mekh. grun.* 6 no. 8:33-34 '86.
- Chain-saw and cutting machines for working frozen soils of the Givapriokskiy. I. P. Kavayev. V. A. Zakharenko. *Mekhn. stroit.* 24 no. 4:12-14 '87.
- Classification of chemical methods of strengthening soils in foundations of buildings and structures. V. V. Avakyanov. *Osn., fund. i mekh. grun.* 6 no. 8:24-26 '86.
- Comparing results of field and laboratory studies on the compressibility of clays. V. V. Ilyukhin. *Trudy Ural. politekhn. inst.*, no. 158:108-114 '87.
- Conditions for the working down of sand based on laboratory tests. V. V. Radina. *Trudy Gidropromkha* 0:27-30 '83.

- Electric Power Station, S. V. Kikhil, 35 no. 8-7-11 Ag '68.
- 1 seminar on erecting pile foundations, V. F. Blud, Stroi, 20 no. 146-48 Ja '67.
- of frozen foundation ground by cooling, S. I. Stroi, 30 no. 12-37-39 D '67.
- if a rockfill mud dam with the help of, L. A. P. Sokolov, G. I. Shapovalov, 38 no. 5-9-12 My '68.
- observer in a scraper, Stroi, I dor. mash, 10 no. 68.
- of softening soils by percussion boring, V. G. Galitskiy, I. N. Kruglov, R. P. Kizhuk, Stroi, 8 no. 4-25-27 '68.
- the angle of internal friction on the pile foundation - soil system, P. G. Chizhi, TSNIIS no. 59-88-103 '66.
- of foundations of buildings in high pressure water, S. S. Lomata, Gidr, stroi, 36 no. 0-51-52.
- erecting walls taking into consideration their placements and foundation deformations, V. V. Vannato, Gidr, stroi, 37 no. 1-39-44.
- additions made of shell piles in a matrix, V. G. Kuznetsov, Trudy TSNIIS no. 59-128-130 '66.
- the foundations with consideration of yield between compressed and extended piles, Trudy TSNIIS no. 59-156-164 '66.
- of sand volume weight by the cutting, P. M. Koshkarov, Izv. VNIIG 79:264-265 '68.
- of soil pressure on retaining walls, G. A. Dubrova, Gidr, stroi, 38 no. 68.
- of the resistance limit of sand under the action of the static penetration method, V. G. Osn, fund, i mekh, grun, 8 no. 4-1-5 '66.
- lifting forces acting on the working conveyor-moving equipment, V. D. Abuzayev, Stroi, I dor. mash, 11 no. 4-17-18 Ap '66.
- optimal conditions for electroprotection, V. K. Chayev, Osn, fund, i mekh, 6:21-22 '68.
- of optimum distance between clusters of piles, G. A. Petrov, Prom, stroi, i inzh, 1:30-40 Ja '68.
- the selection of pile foundations, I. G. Osn, fund, i mekh, grun, 8 no. 0-35.
- stress in the lining of a round tunnel of parallel tunneling, N. N. Potov, Osn, fund, i mekh, grun, 8 no. 0-20.
- excavation sites for hydroelectric power, A. P. Beehin, Gidr, stroi, 30 no. 0-10.
- for use in northern regions, S. Kh, Stroi, I dor. mash, 13 no. 3-22-24 F '68.
- of frozen soils with a wheel-type, V. A. Zayukov, D. A. Lomov, Stroi, 13 no. 2-26-27 F '68.
- falls on results of sampling tests, of A. P. Ryzhenko, Trudy TSNIIS no. 59-100-101 '66.
- on the character of dilatation of frozen soils in layer earthing, I. V. I. Tolstikhin, Stroi, I dor. mash, 13 no. 1-10.
- of an experimental box on soil, N. N. Vargin, Osn, fund, i mekh, 8 no. 4-12-14 '66.
- the factor of the sand filter on the sides of a chamber walls, I. I. Moskhov, Gidr, 12:24-26 Ja '67.
- ical dynamometer for measuring soil, G. Tomlin, A. G. Kostin, Trudy KIIIT '66.
- ology studies of illuvial or argillaceous, V. D. Galkin, Trudy Gidroprom 1963.
- grounding crane tracks, V. D. Kuznetsov, 25 no. 3-12 Mr '66.
- length of clay soils by laboratory analysis, Trudy Gidroprom 6:1-63 '63.
- h the use of the DUV-1 vacuum water, K. S. Rogolubov, Osn, fund, i mekh, 4:10-20 '66.
- ities of pressure tunnel linings in 1960, V. S. Ertelov, Gidr, stroi, 38 no. 12-10.
- study of bed stability in anchor foundations, Osn, fund, i mekh, grun, 8 no. 0-9.
- of the strength of gravel-sand bed foundations, A. P. Ryzhenko, Trudy TSNIIS '66.
- on the stability of clayey flysch formations, Trudy Gidroprom 0:137-167 '63.
- stability of landslide and slump slopes in mountainous regions, G. S. Zolotarev, 1968 no. 8-52-57 My '68.
- of bridge abutments made of bulbous foot, Trudy TSNIIS no. 59-100-101 '66.
- of the matrix form pile, S. Shpilo, Trudy TSNIIS no. 59-111-127 '68.
- and I. V. Rodionov, [Machinery and practice of working frozen ground, Practice of organizations of the Main Administration of Industrial Establishments in the Region] Mashiny i mekhanizmy dlya stroitel'skikh grubov, Opyt stroitel'nykh organizatsiy, Stroiizdat, 1967, 23 p.
- method of earthen operations, G. V. Stroi, 26 no. 3-13-14 Mr '68.
- Trust, K. P. Salamov, Nont, i spets, 29 no. 6-6-9 Je '67.
- Industrial and technical conference of Gidroprom, Investigation workers, F. S. Karpyshev, Gidr, stroi, 36 no. 8-58 Ag '68.
- Instructions on the determination of the structure and scope of engineering surveys in the designing of thermal electric power plants] Instruktivnye po opredeleniu osnovnykh ob'yekta inzhenernykh izyskaniy pri proektirovani i loykh ob'ektykh, Trudy TSNIIS no. 59-128-130 '66.
- Interaction of piles in single row and group foundations, A. P. Khamov, Osn, fund, i mekh, grun, 8 no. 6-17-20 '66.
- Investigation and calculation of the settlement of foundations on sandy soils, A. A. Luga, Trudy TSNIIS no. 59-53-88 '60.
- Krest and hydraulic construction, K. A. Ivanov, Trudy Gidroprom 9:275-286 '63.
- Laying foundations of tower crane tracks on soil, L. S. Lapshin, E. K. Lapshin, A. D. Naugol'nykh, Mezh, stroi, 25 no. 2-11-12 F '68.
- Laying process pipelines on pile foundations, D. P. Kuznetsov, Stroi, I dor. mash, 12 no. 4-33-34 Ap '67.
- Load carrying capacity of pile foundation beds, P. G. Chizhi, G. S. Ilarionov, Trudy TSNIIS no. 59-33-36 '65.
- MNS-2 percussions for working frozen and rocky soils, V. I. Mikhlin, V. I. Utkin, Stroi, I dor. mash, 13 no. 2-26-27 F '68.
- Mathematical models of industrial management, G. A. Duranov, G. V. Volnova, Mezh, stroi, 25 no. 3-21-23 Ja '68.
- Means of increasing the economic efficiency of foundations built on bedrock, N. M. Giotov, Trudy TSNIIS no. 59-170-175 '60.
- Mechanization and technology of surface ground ramming, Dokl. AN Tadzh. SSR 11 no. 1 78-82 '68.
- Methodology of determining the power capacity and machine efficiency in the breaking-up of frozen soils by impact loads under any breaking-up conditions, A. N. Zelenin, Stroi, I dor. mash, 13 no. 2-30-33 F '68.
- Methods of draining tunnels and underground structures by drainage dials, E. A. Vainshteyn, Trudy Gidroprom 0:251-273 '63.
- Nature of settlements in drainage boreholes during construction of Volga GCS named after the 22d Congress of the CPSU, I. U. I. Panov, Trudy Gidroprom 9:303-320 '63.
- New design of a tip for instruments used for the determination of friction and cohesion of cohesive soils, V. A. Grigorov, P. I. Elizer, Osn, fund, i mekh, grun, 8 no. 4-35 '68.
- New method of working frozen soils, V. P. Balandin and others, Stroi, I dor. mash, 13 no. 2-30 F '68.
- Nomenclature criteria for softening soils, G. A. Shukshina, Z. V. Klykova, Osn, fund, i mekh, grun, 8 no. 4-6-7 '68.
- Physical solution of nonlinear problems of soil consolidation, B. M. Noller, Izv. VNIIG 79:178-183 '65.
- One-dimensional nonlinear problem of consolidation of water saturated soil, I. V. Goretik, B. M. Noller, Izv. VNIIG 79:168-177 '65.
- Operation of the inverted siphon in the Severnyy Iamets, I. I. Hromelitsin, S. Z. Khadzhikov, Gidr, stroi, 38 no. 12-10-13 D '67.
- Pile bench marks for sagging soils, I. P. Grigorov, A. A. Perechukhin, Prom, stroi, 44 no. 7-10-17 '67.
- Pile drivers and instrument for drilling shaft wells in frozen soils, D. P. Ryckitskiy, I. U. G. Targulim, Stroi, I dor. mash, 13 no. 2-27-29 F '68.
- Pile foundations for abutments should have inclined piles, A. P. Kurlov, A. N. Afanas'ev, Trudy stroi, 8 no. 6-14-16 My '68.
- Power consumption in driving a wedge, I. M. Voshchuk, Stroi, I dor. mash, 13 no. 4-14-16 Ap '68.
- Practice of pile shaft striking, N. F. Karanov, Transp, stroi, 8 no. 6-17-18 My '68.
- Problems of a good support of columnar foundations on bedrock, N. M. Giotov, Trudy TSNIIS no. 59-165-166 '60.
- Protocols of underground reinforced concrete structural elements against corrosion by water admixture, V. M. Moskvina, I. A. Savina, I. I. Iakub, Prom, stroi, 44 no. 7-22-25 '67.
- Raised passenger train platform built on DS-type supports, G. M. Kirzakov, Transp, stroi, 8 no. 5-10-10 My '68.
- Reinforced concrete framework of a reservoir, V. I. Filonov, Stroi, I arkid, 24, 8 no. 11-8 '67.
- Reinforced concrete tie-beams used for tunnel bracing of Ivan Rivor Hydroelectric Power Station, P. A. Savanov, Gidr, stroi, 37 no. 1-13-15 Ja '67.
- Reinforcing drain ditches with soil cement, P. V. Anisimov, Transp, stroi, 8 no. 5-7-6 My '68.
- S-991 tubular diesel-operated hammer, D. O. Lyzo, I. S. Sergeev, Stroi, I dor. mash, 13 no. 4-1-3 Ap '68.
- Semi-rigid pile foundations in weak soils, A. P. Khamov, Osn, fund, i mekh, grun, 8 no. 4-30-37 '66.
- Shear resistance of weak soils in their natural occurrence, L. S. Amalan, Osn, fund, i mekh, grun, 8 no. 6-5-9 '66.
- Sinking of a pile under hammer impact, N. V. Trubnikov, Trudy TSNIIS no. 59-203-222 '69.
- Soil compaction equipment, A. I. Sazonov, Gidr, stroi, 37 no. 1-10-11 Ja '67.
- Soil resistance during pile penetration, B. V. Goncharov, Osn, fund, i mekh, grun, 8 no. 4-17-18 '66.
- Solution methods of mathematical problems in connection with the determination of electrocorrosion danger and relative protective measures for underground metal structures, I. V. Strizhevskiy, V. I. Dmitriev, Nauch, Trudy AKKI 10:42-4-12 '66.
- Statistical method of evaluation of the microprofile of road and ground surfaces, N. M. Antsyshov, Trudy VIM 40:71-78 '60.
- Strengthening of loose soils by cement suspensions, V. P. Sokolov, Osn, fund, i mekh, grun, 8 no. 8-32-33 '68.
- Strengthening of loess soils by injections of a lime slurry suspension, P. D. Dolgikh, Osn, fund, i mekh, grun, 8 no. 4-26 '66.
- Studying effect of "rost" of driven piles on their bearing capacity, A. I. Radugin, Osn, fund, i mekh, grun, 8 no. 6-14-16 '66.
- Studying stability of rocks at the Kanchagay GCS site, E. I. Trachuk, I. U. I. Vikalet, Trudy Gidroprom 0:150-176 '63.
- Studying strength and deformability of joints between elements of pile grillage made of reinforced concrete shells, L. N. Iltvinov, Trudy TSNIIS no. 59-193-219 '67.
- Studying the effect of temperature of unheated cells on the depth of freezing of foundations soils, V. I. Stokanov, V. P. Sviridova, Osn, fund, i mekh, grun, 8 no. 4-24-25 '66.
- Studying the interaction of an anchor device with soil by the photoelastic method, S. M. Kozlov, Osn, fund, i mekh, grun, 8 no. 4-34 '68.
- Studying the performance of soil shells used in storage reservoirs for industrial solutions, I. U. S. Bol'shakov, G. M. Kuznetsov, Izv. VNIIG 79:162-168 '65.
- Studying the strength and settlement of single-row foundations in sandy ground, P. G. Chizhi, E. A. Abtulin, Trudy TSNIIS no. 59-6-32 '66.
- Studying the air-seal state of sands near a loaded plate, M. N. Oskolova, Osn, fund, i mekh, grun, 8 no. 4-5-7 '66.
- Supporting wall made from prefabricated reinforced concrete structural elements, Prom, stroi, i inzh, 10 no. 1-20 Ja '68.
- Suspended device for the dynamic testing of piles, V. G. Tulyakov and others, Osn, fund, i mekh, grun, 8 no. 8-16-17 '66.
- Technology of subgrade slope reinforced by hydraulic grass sowing, V. P. Chelnykh, V. P. Kozlov, Zh. A. Petrova, Transp, stroi, 8 no. 5-0-7 My '68.
- Testing of a large-panel building with yielding construction on softening soil, A. A. Grigorov and others, Osn, fund, i mekh, grun, 8 no. 4-31-34 '66.
- Thermal and thermomechanical drilling in frozen soils, I. P. Golobov, A. P. Motoronok, Stroi, I dor. mash, 13 no. 2-24-26 F '68.
- Trenching on the Taly-Balyk-Omek track in the winter of 1968 and 1967, P. I. D. Pavlovich, Stroi, I dor. mash, 12 no. 7-21-23 J1 '67.
- Ultrasonic studies of elasticity characteristics, soil compaction mechanism, and stability features of rocks, V. I. Koptev, Trudy Gidroprom 0:321-357 '65.
- Use of water transportation with slushing for rock materials in the construction of the Aswan Dam tunnels, V. S. Pankov, Gidr, stroi, 38 no. 12-10-18 D '67.
- Using a float-regulator in the bottom tunnel conduit of a water intake, U. I. Mirzo-Zade, V. I. Iakov, Zn, 10:10-11 '66.
- Using concepts and measures of information theory in engineering geology in the evaluation of heterogeneity, I. S. Komarov, N. M. Khalina, Izv. vuz, ucheb. razv., 1967, 1:45-101 My '68.
- Work of the Bridge and Tunnel Commission of the Scientific and Technical Council, I. U. P. Noshayev, Pul, i put, khoz, 12 no. 7-30-31 '68.

624.1(211)---Cold frigid regions

- Modeling the deformation of pile foundations in permafrost soils, K. I. Markin, Osn, fund, i mekh, grun, 8 no. 0-29-32 '66.

624.1(477.6)---Donets Basin

- Standard and rating characteristics of quaternary clays in the Donets Basin, D. E. Bronshteyn, A. S. Gorbanov, S. Z. Khadrinov, Osn, fund, i mekh, grun, 8 no. 4-11-12 '68.

624.1(477.9)---Crimea

- Study of swelling and shrinking clays in the Kerch region, E. S. Burov, E. A. Sorochan, V. G. Chantshin, Osn, fund, i mekh, grun, 8 no. 4-14-15 '66.

624.1(479.24)---Azerbaijan S. S. R.

- Using the caisson method combined with artificial drainage in building the Baku tunnel, S. N. Vlasov, Shukht, stroi, 12 no. 3-21-25 Mr '68.

624.1(571)---Asiatic R. S. F. S. R.

- Hydromechanical operations at the construction of the Tyumen' - Surgut railroad line, A. F. Dorofeev, Transp, stroi, 8 no. 5-4-9 My '68.

- Use of peat soils in western Siberia as a natural foundation, V. I. Guseva, Osn, fund, i mekh, grun, 8 no. 4-29-30 '68.

624.1(571.13)---Omsk Province

- Laying pile foundations at construction sites in Omsk, B. I. Levenshteyn, M. P. Murtyushev, Mezh, stroi, 25 no. 3-2-4 Mr '60.

624.1(571.6)---Soviet Far East

- Graphic-analytical method for designing the stability of earth canals in the Far East, V. M. Piskun, L. V. Piskun, Stroi, nach, rab. DVNIIS no. 8:168-116 '60.
- Stable profiles of earth canals in southern regions of the Far East, L. V. Piskun, Stroi, nach, rab. DVNIIS no. 8:116-121 '60.

624.1(571.84)---Sakhalin Province

- Results of the observation on deformations of structures constructed on heaving soils in Sakhalin Province, V. A. Timoshenko, Stroi, nach, rab. DVNIIS no. 8:67-102 '68.

Experience in working frozen soils at the construction of the Irtysh-Karaganda canal. I. K. Lakhov, Stret. i dor. stroit. 13 no. 2-40 P '68.
 Leaders of a specialized mechanization trust. F. F. Baidukov, Mekh. stroit. 24 no. 4-14-15 Ap '67.

624.2 Superstructures. Bridges

Algorithm for determining the least cost of a framed structure. A. I. Varganov, Trudy KHIT no. 81-132-141 '66.
 Analysis of the dynamic performance of metal bridges with continuous spans. D. K. Zaporozhets, V. P. Tarasenko, A. A. Khokhlov, Trudy KHIT no. 61-141-157 '66.
 Antifriction properties of insulating coverings for rod reinforcement. G. M. Eremin, Trudy KHIT no. 252-168-168 '68.
 Approximation method of determining the stresses of built-up girder trusses with a triangular grid. F. A. Pivnev, I. A. Pishchikov, Trudy KHIT no. 81-141-142 '65.
 Areas of shortage stress in prestressed girder bridge spans. A. S. Antipov, Trudy KHIT no. 219-5-41 '65.
 Assembly of reinforced-concrete spans 33 meters in length. I. S. Blinok, I. V. Kalugin, L. V. Pyshko, Transp. stroit. no. 5-12-13 My '68.
 Characteristics of calculating span bridge constructions from precast reinforced concrete with superposed reinforced concrete slabs. E. Dubrova, V. Novitsch, Prom. stroit. i zash. stroit. 10 no. 1-36-33 Ja-P '68.
 Combined method of designing bridge frames of the frame type with cast-in-place joints. V. D. Shkol'skii, Trudy KHIT no. 59-162-173 '65.
 Correlation between the effects of the variable scale and direct horizontalization. R. E. Gelzenblazen, Trudy KHIT no. 64-34-34 '66.
 Creep of concrete in elements of reinforced concrete trusses of a highway bridge. B. V. Dubrovskiy, A. V. Nosarov, I. A. Sil'nikskii, Trudy KHIT no. 252-32-38 '68.
 Damped dynamic device. A. V. Ivanov, V. M. Staroselskii, Trudy KHIT no. 219-76-178 '66.
 Deformability of concrete in prestressed reinforced concrete spans. L. I. Ishtevskii, E. A. Antropova, Trudy KHIT no. 252-62-70 '68.
 Design of joints between slabs and walls by means of rod and dowels. L. I. Ishtevskii, V. P. Chirkov, Trudy KHIT no. 219-107-112 '65.
 Designing lightly loaded girders. E. Verbitskii, Prom. stroit. i zash. stroit. 10 no. 1-35-35 Ja-P '68.
 Designing longitudinal beams for bridge spans. G. L. Semerets, Trudy KHIT no. 81-103-104 '65.
 Determining frequencies and forms of lateral vibrations of a three-hinged arch of the Mallart system according to the method of successive approximations. Z. G. Roldorf, Trudy KHIT no. 64-120-125 '65.
 Determining stresses in steel cables by their oscillation frequency. N. F. Makhnovskii, Transp. stroit. no. 5-46-47 My '68.
 Distribution of pressure through ties and ballast on the slab of the reinforced concrete span. V. V. Chirkov, Trudy KHIT no. 219-92-106 '66.
 Elastic constants of material elastically reinforced with elements distributed in parallel planes. A. N. Nosarov, Trudy KHIT no. 252-116-120 '68.
 Electronic models of houses. O. R. Nezlatov, Trudy KHIT no. 61-175-192 '66.
 Evaluation of crack resistance of prestressed spans according to ultimate strains. L. I. Ishtevskii, A. S. Antipov, V. I. Khokhlov, Trudy KHIT no. 252-52-61 '66.
 Evaluation of elastoplastic deformations of concrete under compression. L. I. Ishtevskii, V. P. Chirkov, Trudy KHIT no. 252-39-62 '68.
 Experimental investigations of elastoplastic properties of concrete being steamed. B. V. Dubrovskiy, V. M. Chesnokov, Trudy KHIT no. 252-127-138 '68.
 Flexure standards for reinforced concrete beam spans in railroad bridges. A. V. Nosarov, I. A. Sil'nikskii, Trudy KHIT no. 252-91-100 '68.
 Gluing of dry joints of reinforced concrete spans by injecting them with epoxy glue. V. D. Arsenov, Trudy KHIT no. 219-151-155 '66.
 Horizontal effect of railroad rolling stock on metal bridges. N. G. Bondar', V. P. Tarasenko, Trudy KHIT no. 61-165-174 '66.
 Joint performance of main girders and beams in bridge floors. L. V. Semerets, G. I. Udin, G. L. Semerets, Trudy KHIT no. 81-71-79 '66.
 Justification and development of the method of calculating friction losses when rebaring rod reinforcements in concrete in combined insulating shells. G. N. Eremin, Trudy KHIT no. 219-65-91 '68.
 Justification of the process of linearization of the photo junction in the variable scale method. N. G. Bondar', M. I. Kazakovskii, Trudy KHIT no. 64-27-36 '60.
 Movement of freight over spans of the Mallart type taking into consideration two kinds of vibrations. Z. G. Roldorf, Trudy KHIT no. 64-128-132 '66.
 Natural vibrations of a system with a skip effect in turbulent resistance. D. I. Chuvacev, Trudy KHIT no. 64-43-48 '66.
 Natural vibrations of a system with skip effect in viscous friction. D. P. Chuvacev, Trudy KHIT no. 64-37-42 '66.
 Natural vibrations of wire combined bridges. G. N. El'ke, Trudy KHIT no. 81-141-148 '66.
 New methodology of the development of plugging mixtures on the basis of synthetic resins. S. A. Vlugov, I. I. Rafienko, Razved. i otkh. nedr. 32 no. 12-26-28 Ja '66.
 Nonlinear vibrations of conservative systems with discontinuity characteristics and air gaps. N. G. Bondar', Trudy KHIT no. 64-5-28 '66.
 Periodic excitation of nonlinear systems. M. I. Kazakovskii, Trudy KHIT no. 64-55-61 '60.
 Pile foundations for abutments should have inclined piles. A. P. Kurilov, A. N. Afanas'ev, Transp. stroit. no. 5-14-15 My '68.

Planning pedestrian overpasses. G. I. Ulin, G. L. Semerets, V. M. Mynakov, Trudy KHIT no. 81-103-113 '66.
 Possibilities of composite spans made from reinforced concrete and anodized-plastic. A. V. Masarov, Trudy KHIT no. 219-171-175 '66.
 Possible explanation by means of interatomic electronic charges of the properties of calcium silicates and of the corrosion of binding materials. V. M. Karashchuk, Trudy KHIT no. 219-176-185 '66.
 Prefabricated and prestressed reinforced concrete spans 32-45 meters long for railroad use. V. G. Andreev, L. I. Ishtevskii, V. P. Chirkov, Trudy KHIT no. 219-118-150 '66.
 Probability determination of the disturbing action amplitude under spatial vibrations of arch bridges. G. N. Bagovet, Trudy KHIT no. 64-115-119 '66.
 Replacement of a span structure by using rammed devices. V. L. Eremin, Put' i put. khoz. 12 no. 3-28-29 '68.
 Results of experiments by means of multiple repeated loading of test girders with decreased compression forces. L. I. Ishtevskii, E. A. Antropova, Trudy KHIT no. 219-31-64 '66.
 Results of inspection and tests of spans in operation under the action of loads applied eccentrically to the wall axis. V. P. Chirkov, G. P. Solov'ev, Trudy KHIT no. 252-71-81 '68.
 Rubber-banded for bearings of great capacity. G. M. Eremin, A. V. Ivanov, Trudy KHIT no. 252-148-157 '68.
 Rubber supports with antifriction inserts made of teflon. G. S. Stala, G. A. Panack, L. V. Makhovskiy, Transp. stroit. no. 5-48-49 My '68.
 Self anchors for spaced reinforcements of reinforced concrete girder structures. S. N. Vagdanov, G. P. Solov'ev, Trudy KHIT no. 219-156-170 '65.
 Some problems of stability and vibrations of cylindrical shells with initial curvature. R. E. Gelzenblazen, Trudy KHIT no. 61-62-78 '66.
 Speedy construction of a reinforced-concrete railway bridge. P. I. Balorev, M. N. Grishenko, Transp. stroit. no. 5-10-12 My '68.
 Stability and parametric vibrations of longitudinally corrugated cylindrical shells with initial roughness. R. E. Gelzenblazen, Trudy KHIT no. 63-74-90 '66.
 Stairs for testing structural units. G. I. Ulin, G. L. Semerets, S. S. Varganov, Trudy KHIT no. 61-123-127 '66.
 Strength analysis of reinforced concrete T-beams. V. M. Staroselskii, Trudy KHIT no. 252-10-31 '68.
 Strength and deformability of epoxy glues used in bridge building. V. D. Arsenov, Trudy KHIT no. 219-185-190 '66.
 Strength calculation for reinforced concrete beams being bent in special cases. G. K. Evgratov, Trudy KHIT no. 262-3-18 '68.
 Strength calculation of steel cables according to the maximum deformation method. I. P. Nechaev, Trudy KHIT no. 262-139-145 '68.
 Stressed state in girders during preliminary compression and longitudinal crack resistance of concrete in the zone of stressed reinforcements. M. M. Klimov, Trudy KHIT no. 219-42-50 '66.
 Study of the optimal regime of the thermomold curing of large reinforced concrete structural elements. R. V. Dubrovskiy, V. M. Chesnokov, Trudy KHIT no. 219-113-117 '66.
 A type of dynamic action of the rolling stock on the beam spans of railroad bridges. A. V. Nosarov, I. A. Sil'nikskii, Trudy KHIT no. 252-101-105 '68.
 Use of an electronic model for the analysis of the interaction between a moving locomotive and an arched span under spatial vibrations. G. N. Bagovet, L. S. Sokol, Trudy KHIT no. 64-101-109 '66.
 Use of computers for determining unitary shifts and stresses in arches under spatial vibrations. G. N. Bagovet and others, Trudy KHIT no. 64-101-114 '66.
 Use of electronic computers in calculating reinforced concrete beam spans of railroad bridges for eccentric loads. V. P. Chirkov, G. P. Solov'ev, Trudy KHIT no. 252-82-90 '68.
 Use of electronic digital computers and of an electronic model for determining dynamic coefficients for the Mallart system spans, taking into consideration two kinds of vibrations. Z. G. Roldorf and others, Trudy KHIT no. 64-133-149 '66.
 Works of the Bridge and Tunnel Commission of the Scientific and Technical Council. I. P. Nechaev, Put' i put. khoz. 12 no. 7-30-31 '68.

624, 2(576, 1)—Uzbek S. S. R.

Continuous and rapid construction of an elevator in the work tower of a mill combine in Navoi. V. Kuz'ko, A. Brovaya, M. Mikhtichikov, Stroit. i arkh. Uzb. 8 no. 11-6-7 N '67.

625 Railway, highway engineering

Dynamic loads acting on the gears of tractive reducers of locomotives caused by unevenness in track. V. N. Danilov, R. B. Siniklov, Trudy KHIT no. 220-100-122 '66.

625(576, 1)—Uzbek S. S. R.

Samarland - Karshi railroad. B. A. Klinkskii, P. V. Solov'ev, Transp. stroit. no. 5-39-40 My '68.

625.1 Railway engineering. Equipment and track

Accomplishment of foreruns in arid stopes. Kh. D. Nukhmedjanov, Put' i put. khoz. 12 no. 4-43-46 '68.
 Business accounting in the railway district shop. D. F. Shein, M. S. Moshchakovskiy, Put' i put. khoz. 12 no. 7-11 '68.
 Calculating the stability of landslide stopes. A. I. Turvskiy, A. G. Dorfman, Vop. geotekh. no. 10-9-17 '67.

Cause of wavelike wear of rails. I. S. Levarkov, Trudy KHIT no. 69-39-45 '67.
 Certain potentials for increasing labor productivity of track machinery station workers. V. G. Il'ina, Trudy KHIT no. 269-77-80 '68.
 Combined ballast with corrugated frogs. L. E. El'ke, Stroit. i zash. stroit. no. 218-80-89 '66.
 Commission on track management. M. A. Chernyagin, V. S. Berezukov, Put' i put. khoz. 12 no. 4-35-37 '68.
 Concerning some technical and economic problems of track maintenance. G. I. Slabinskiy, Stroit. i zash. stroit. no. 218-185-190 '66.
 Concrete made from local materials for reinforced concrete cross-ties. M. P. Shternikova, Stroit. i zash. stroit. no. 218-31 N '67.
 Corrugated curves of rail heads during joint-to-joint loading on a ballast bed at various temperatures. V. S. Il'inskiy, N. P. Ilyakov, Trudy KHIT no. 220-44-45 '66.
 Corrosion damage to reinforced concrete ties of electric railroad sections. A. H. Bondarenko, Trudy KHIT no. 19-91-99 '67.
 Crane tracks made from standard steel reinforcement concrete sections. V. A. Vukobratov, I. G. Ishtevskii, G. S. Shitling, Mekh. stroit. 23 no. 2-8-10 P '68.
 Deformations and stresses of rail lines at swivel under moving rolling stock with a 40-58-ton static axial load. M. P. Shternikova, Stroit. i zash. stroit. no. 218-30-32 '66.
 Design diagrams of the stability of jointly rocky slopes. B. V. Gnacev, Vop. geotekh. no. 10-47-50 '67.
 Designing structures controlling snow accumulation. B. P. Anzicel'manov, Stroit. i zash. stroit. no. 219-163-173 '66.
 Determining the extent of mechanization of snow removal operations. E. V. Mincev, Put' i put. khoz. 12 no. 3-17-19 '68.
 Damage barriers as a measure against landslides. A. I. Lagolskiy, Put' i put. khoz. 12 no. 7-26-27 '68.
 Effect of a narrowed gauge on the running properties of locomotives. A. I. Kokorov, S. M. Golubinskii, Put' i put. khoz. 12 no. 3-44 '68.
 Effect of certain corrosive media on the properties of rail steel in sections subjected to thermal action. O. G. Tikhonchuk, L. I. Kuznetsov, Trudy KHIT no. 226-94-72 '66.
 Effect of certain factors on the stability of the rail and the grid in a horizontal and right angle to track plane. A. V. Rozumov, Trudy KHIT no. 11-67-70 '66.
 Effect of ground swelling in a slope on the stability of the rail. V. V. Vukobratov, A. M. Ilyakov, Vop. geotekh. no. 10-57-63 '67.
 Effect of mechanical natural vibrations on the wave-shaped wear of rails. G. V. Zolotarev, Trudy KHIT no. 81-148-157 '66.
 Effect of operational factors on the formation and development of contact-origin defects on heavy-duty rails. L. I. Shupernina and others, Stroit. i zash. stroit. no. 219-33-34 '66.
 Effect on the track of 55, 120, and 150-ton cars. I. I. I. Voloshin, I. S. Levarkov, A. N. Orlovskii, Trudy KHIT no. 61-10-35 '67.
 Eighteen months of a new method of work. M. N. Provollina, Put' i put. khoz. 12 no. 4-17-11 '68.
 For better function of industrial enterprises. V. A. Nosakov, Put' i put. khoz. 12 no. 3-11-10 '68.
 Freezing above a previous body of ice and its effect on the alignment of the Tashkent-Lena railroad. S. M. Bolshakov, Trudy KHIT no. 67-6-20 '66.
 From practices of average overhead continuous rail track. V. N. Vukobratov, Put' i put. khoz. 12 no. 7-25 '68.
 How to reduce the volume of alignment operations for leveling track with reinforced concrete ties. B. A. Klinkskii, Put' i put. khoz. 12 no. 3-30-33 '68.
 How to lamp reinforced concrete ties. V. I. Bolshakov, Put' i put. khoz. 12 no. 4-22-23 '68.
 Impact loading of rails. T. A. Vladimirovskii, Zash. lech. 34 no. 3-354 '68.
 Improve the quality of rail alignment. N. G. Orlov, Put' i put. khoz. 12 no. 3-31-36 '68.
 Improvement of snow removals. V. G. Tekhin, Put' i put. khoz. 12 no. 4-13 '68.
 Investigating forces of dynamic interaction of wheels of rail cars with moving parts. I. N. Probov, Stroit. i zash. stroit. no. 218-31-34 '66.
 Laying tracks in a tunnel with an invert located in the central line. I. I. Morzhov, Transp. stroit. no. 5-16-19 My '68.
 Longer service from rails. G. V. Dyldin, V. I. Ilyakov, Put' i put. khoz. 12 no. 7-12 '68.
 Longitudinal dynamic horizontal forces arising from the interaction of wheels and rails. V. N. Ilnel'chenko, Trudy KHIT no. 81-3-33 '66.
 Longitudinal forces in continuous rail track welds under use. V. I. Novakovich, Put' i put. khoz. 12 no. 4-28-29 '68.
 Lowering the cost of railroad construction. A. I. Ishtevskii, Transp. stroit. no. 5-34-38 My '68.
 Machine for surfacing and lining tracks. F. Kh. Gabdullin, Transp. stroit. no. 5-20-27 My '68.
 Machines clean the tracks at railroad stations. V. I. Sordukov, Put' i put. khoz. 12 no. 3-10 '68.
 Major welders. V. P. Krutkov, Put' i put. khoz. 12 no. 4-23 '68.
 Measuring experiment for the coloration of track measurements. M. A. Frishman and others, Trudy KHIT no. 61-110 '67.
 Methods of determining residual stresses in rails. V. P. El'mov, Stroit. i zash. stroit. no. 218-112-123 '66.
 Modeling disturbances when solving problems on continuous-action machines. V. I. Klimov, Trudy KHIT no. 69-38-39 '67.
 Modeling nonelastic resistance on electromechanical models. L. I. Vukobratov, V. I. Klimov, Trudy KHIT no. 61-17-26 '67.
 Mudflow chutes protect railroad tracks. E. S. Avaniant, Transp. stroit. no. 5-40-42 My '68.
 New ballast cleaning machine. N. N. Gulenko, Put' i put. khoz. 12 no. 4-6-8 '68.
 New deflector for checking welded joints. A. K. Gurvich, L. I. Kuznetsov, Put' i put. khoz. 12 no. 4-7-8 '68.

625. (671)—*Astalic H. S. F. S. R.*
- Hydromechanical operations at the construction of the Tyumen' - Surgut railroad line. A. F. Dorofeev. Transp. stroil. no. 5:4-8 May '68.
- 625.2 Rolling stock, locomotives, etc.
- Aerodynamic resistance of tubular and lamellar type radiator surfaces to diesel locomotives. N. I. Ponomarev. Izv. Akad. Nauk SSSR, 1968, no. 23: 10-16.
- Analysis of dynamic properties of a freight car for the transportation of industrial wood shavings. A. A. Vyskiy, A. I. Stukalov, V. I. Chukhlov. Trudy DIT no. 53:81-96 '66.
- Analysis of the hardened layer of metal using the ultrasonic method. D. I. Hladin. Trudy MIT no. 223: 100-105 '66.
- Analysis of the heating up of equalizing connections of diesel locomotive electric traction motor. B. V. Gerasimov, A. A. Egorov. Trudy TSNi MPS no. 346: 73-82 '68.
- Analysis of the level of electric strength, method of control, and tests of insulation between turns of the armature winding in diesel locomotive electrical machines. V. S. Gorbunov. Trudy TSNi MPS no. 343: 31-52 '68.
- Analyzing cutting operations when machining magnesium cast iron. P. N. Reukhin. Trudy DIT no. 50:84-102 '68.
- Analyzing the effect of the element composition and heat treatment on the strength and mechanical properties of 35SiMn steel. V. I. Berlin, V. M. Shengalov, B. V. Zakharenko. Trudy MIT no. 223: 5-12 '66.
- Analyzing the work of II-21 rubber and metal absorbing devices in passenger trains. V. A. Tuzarova and others. Trudy DIT no. 59:65-80 '66.
- Application of the method of nichelizing of the average quadratic deviation when solving stability problems. A. I. Koshchikov. Trudy DIT no. 59:149-158 '66.
- Approximate determination of natural vibration frequencies in the frame of a four-axle passenger car. E. N. Vlasovskaya. Trudy DIT no. 59:20-35 '66.
- Automatizing universal turning lathes for performing screw-cutting work. A. A. Kikhin. Trudy DIT no. 60:82-93 '66.
- Basic principles in planning brake systems for six-axle gondola cars. A. A. Kharin, I. M. Korotkov, I. G. Anisov. Trudy DIT no. 60:63-69 '66.
- Brach for testing hinge joints of diesel locomotive spring suspension. V. I. Gik, V. V. Babin, K. P. Rykov. Trudy MIT no. 220: 73-79 '66.
- Brake calculations using electronic digital computers. M. M. Kazarinov, E. I. Kuznetsov. Trudy VNIIT no. 20: 6-14 '67.
- Calculating a curvilinear diffuser of an air cooling unit. Z. I. Kravtsov. Trudy MIT no. 251: 166-172 '68.
- Calculating transitional processes of four-cylinder internal combustion engines with diesel gas turbine supercharging. A. M. Beloslovskii. Trudy MIT no. 251: 222-233 '66.
- Camshaft wear of a cylinder block. E. Z. Voskoboynik. Trudy DIT no. 60:14-17 '66.
- Certain potentials for increasing labor productivity of locomotive repair workers. P. M. Ponomarev. Trudy MIT no. 206: 38-50 '66.
- Characteristics of the increasing coefficient of sliding friction and rolling motion at low temperatures and the jamming of rolling stock wheels. A. A. Dykalo, G. P. Gerasimov, K. A. Dykalo. Trudy OMIT no. 55: 56-59 '65.
- Conversion friction of a ferroelectric ceramic converter under long-term impacts. S. R. Ientlov, A. I. Shekharov. Trudy MIT no. 253: 64-68 '68.
- Coiling and improving non-metallic brake shoes for locomotives. V. P. Krylov and others. Trudy VNIIT no. 23: 23-31 '65.
- Curve of link-1 surfaces of gear drives converting rotation at the variable angle between axles. K. N. Krylov, Z. I. Kravtsov. Trudy MIT no. 220: 131-143 '68.
- Design characteristics and economic effectiveness of a six-axle tank car. A. M. Sergeev, N. I. Ivanov. Trudy RIZIIT no. 64: 20-32 '67.
- Determining the reliability of car trucks by the permutation method taking into consideration the changing load axes of rolls. O. M. Selezneva. Trudy DIT no. 59: 52-58 '66.
- Determination of natural vibration frequencies in the body of a gondola car. E. N. Vlasovskaya. Trudy DIT no. 59: 36-44 '66.
- Determining fuel consumption during the test run of TEP60 diesel locomotive. V. I. Tsvetlin, P. L. Korzhovoi. Trudy DIT no. 60: 5-8 '68.
- Determining statistical errors when analyzing locomotive performance. V. I. Romanov. Trudy VNIIT no. 21: 130-138 '65.
- Determining the maximum adhesion force in the force of contact between the wheel and the rail. Z. I. Rudakov. Trudy DIT no. 60: 18-28 '68.
- Determining tractive resistance of a TEP60 diesel locomotive as a vehicle. V. N. Tsvetlin, P. I. Korkhovoi. Trudy DIT no. 60: 10-14 '68.
- Determining using the natural vibration frequencies of a rolling stock electronic digital computers. G. P. Barchuk and others. Trudy MIT no. 205: 33-41 '66.
- Diesel locomotive elastic coupling design. S. A. Isomov, B. D. Babin, N. I. Khramkov. Trudy VNIIT no. 23: 74-87 '66.
- Drawing lines of influence of continuous beams of variable cross sections using the method of distributing angles of rotation. V. I. Nikol'skii. Trudy DIT no. 58: 155-166 '66.
- Dynamic characteristics of metal cantilever bridges. D. K. Zaporozheta, V. P. Tarasenko, A. A. Khokhlov. Trudy DIT no. 61: 58-164 '66.
- Economic effectiveness of a flatcar with a lengthened frame for the transportation of containers and container cars. E. I. Khabl, A. F. Sergeev. Trudy RIZIIT no. 64: 73-79 '67.
- Economic effectiveness of milk transporting tank cars. A. N. Sergeev, N. I. Ivanov. Trudy RIZIIT no. 64: 73-79 '67.
- Economic effectiveness of new systems of mechanization for closing and opening hatches in six-axle gondola cars. B. A. Sal'man, B. G. Stepanikhin. Trudy RIZIIT no. 64: 80-87 '67.
- Effect of a narrowed gage on the running properties of locomotives. A. I. Kokochev, S. M. Gohblantikov. Trudy MIT no. 12: 33-44 '68.
- Effect of connection characteristics of railmen on the mechanical systems on transitional behavior of traffic. V. A. Lazarev and others. Trudy DIT no. 59: 3-8 '66.
- Effect of force characteristics of friction absorbing devices on the character of impact velocities. V. A. Lazarev, L. A. Manasikina. Trudy DIT no. 59: 9-15 '68.
- Effect of resistance of hydraulic vibration dampers on the dynamic characteristics of the spring-equipment and suspensions of a car. A. A. Dykalo, A. D. Litkov. Trudy OMIT no. 55: 24-28 '65.
- Effect of the method of suppression of a hydraulic vibration damper on the free vibrations of a car galloping motion. A. A. Dykalo, A. D. Litkov. Trudy OMIT no. 51: 1-20 '65.
- Effect of the thermomechanical treatment of chromium-silicon steel on its mechanical properties. V. N. Ivanov, I. A. Babinov. Trudy MIT no. 220: 95-96 '66.
- Experiment in the use of continuous-action computers. E. I. Litkov and others. Trudy DIT no. 74: 16-28 '66.
- Experimental analysis of the operating conditions of the car clutch coupling of an electric train. E. Z. Voskoboynikov, V. A. Kabanov, A. I. Stukalov. Trudy DIT no. 53: 81-93 '66.
- Experimental determination of frame pressures when inscribing the TEP3 diesel locomotive into the small radius curves. E. Z. Voskoboynikov, E. G. Nechaev, V. D. Danovskii. Trudy DIT no. 60: 38-43 '68.
- Experimental investigation of components of oil-and-water shell-and-tube heat exchangers in diesel locomotives. A. I. Ponomarev and others. Trudy MIT no. 251: 10-18 '68.
- Experimental investigation of heat transmission and aerodynamic resistance of cooling system sections in diesel locomotives. N. I. Ponomarev, A. P. Tretyakov, I. A. Reznik. Trudy MIT no. 251: 70-118 '68.
- Extending the life of springs by the shot peening method. V. A. Vellor. Trudy VNIIT no. 23: 121-128 '65.
- Frameless tank car for the transportation of petroleum products. A. N. Sergeev, N. I. Ivanov. Trudy RIZIIT no. 64: 20-32 '67.
- Increasing economic effectiveness of tank cars for the transportation of sulfuric acid. N. I. Ivanov, A. N. Sergeev, B. A. Sal'man. Trudy RIZIIT no. 64: 33-40 '67.
- Increasing the effectiveness of operation of industrial transportation locomotives. V. N. Tsvetlin, A. A. Davin. Trudy DIT no. 60: 44-48 '68.
- Increasing the efficiency of all connections of diesel locomotive Carlson shafts. A. N. Ivanov. Trudy VNIIT no. 23: 145-149 '65.
- Increasing the reliability of cylindrical bushings in diesel locomotives. A. A. Mikhel'tsenko. Trudy VNIIT no. 23: 117-121 '65.
- Integration of some identical equations of the first and second order. A. I. Gishinskiy. Trudy DIT no. 59: 138-146 '66.
- Investigating stiffness and reliability of a reverse action mechanism of a 760 to 1200 HP unit with hydraulic transmission. V. V. Imrovlev. Trudy VNIIT no. 23: 72-76 '68.
- Investigating the cyclic durability of spring steel. M. III. Efimov. Trudy MIT no. 220: 144-149 '68.
- Investigating the durability of Carlson shafts of the TGM8 diesel locomotive. L. A. Perlovskaya. Trudy VNIIT no. 23: 62-73 '65.
- Investigating the efficiency of needle bearings for Carlson shafts of diesel locomotives. K. S. Sedukhin, N. P. Chagala, I. E. Vinogradov. Trudy VNIIT no. 23: 56-61 '65.
- Investigating the load capacity of Novikov gear drives for traction reducers of diesel locomotives with an electric transmission. M. P. Tretyakov. Trudy VNIIT no. 23: 68-79 '65.
- Investigation of operational parameters and characteristics of diesel locomotive lead-acid storage batteries. E. V. Platonov, V. A. Koul'ev. Trudy TSNi MPS no. 349: 112-138 '68.
- Kinematic analysis of brake lever transmission of the TSNi-Kin-3 truck. A. A. Kharin, V. V. Volodin. Trudy DIT no. 60: 55-62 '68.
- Manufacturing particle malleable cast iron wheels for narrow gauge freight cars. G. V. Rubin and others. Trudy MIT no. 220: 79-94 '66.
- Maintenance of the temperature schedule during the assembly of roller bearings is the criterion of faultless performance of a journal box assembly. V. A. Petrov, K. V. Molodtsov, I. M. Prokhorov. Trudy VNIIT no. 26: 67-70 '67.
- Mechanized sampling of ore from railroad cars. H. I. Gol'tsov, O. A. Uslov, S. D. Zhanomirov. Gor. zhur. 143 no. 4: 71-72 Apr '68.
- Method of accelerated tests of the insulation of diesel locomotive electrical machines for the term of service. V. P. Nemukhin, A. I. Nikushin. Trudy TSNi MPS no. 349: 4-15 '68.
- New design of a tank car for the transportation of strong nitric acid. N. I. Ivanov, B. V. Platonov. Trudy RIZIIT no. 64: 48-55 '67.
- Performance characteristics of an axle box assembly of cars on electrified railroad sections. A. A. Dykalo, I. M. Pozharikov, I. P. Molchanov. Trudy OMIT no. 55: 20-31 '65.
- Polyolefin and gasoline tank car with an enlarged tank. I. I. Ivanov, A. N. Sergeev, B. V. Platonov. Trudy RIZIIT no. 64: 33-36 '67.
- Presentations in a closed form of Fourier single integrals in a rational generating function. A. N. Tsvetlin. Trudy DIT no. 59: 112-137 '66.
- Problems of dynamics of a hoisting mechanism of the pillar-shaped weight car rotator. I. A. N. Garkavi. Trudy DIT no. 60: 70-75 '66.

- Profile analysis of the tool for strengthening gear wheels by plastic deformation. A. N. Rud'. Trudy MIIT no. 220:123-130 '66.
- Pulsation of the interlamellar electric motive force in diesel locomotive generators with multipulse armature windings. D. V. Grezhdov. Trudy TSNIi MPS no. 349:53-72 '68.
- Recommendations for the selection of basic parameters of Cardan shafts and diesel locomotives with hydraulic transmissions. K. S. Sdobin, V. V. Dukhov. Trudy VNIT no. 21:37-47 '65.
- Repair and operation of hopper-dispersers. M. V. Serzharov. Pul'ni pul. khoz. 12 no. 3:27 '68.
- Restoration of parts of the mechanical portion of electric locomotives by mechanical surfacing under a ceramic flux. F. S. Vol'fovskaya, A. S. Abaev. Trudy MIIT no. 60:103-106 '68.
- Results of tests for stiffness of the frame of a 2TE10L diesel locomotive truck without axle box guides. N. I. Alimov and others. Trudy VNIT no. 23:14-22 '65.
- Results of using four-row cylindrical bearings in locomotive axle boxes. N. V. Rodzhevich. Trudy VNIT no. 23:100-103 '65.
- Selecting a method of designing electric train trucks for strength and dynamics. A. N. Savon'kin. Trudy MIIT no. 264:77-99 '68.
- Selecting an efficient plan for detecting and stopping the slippage of diesel locomotives with a parallel coupling of electric traction motors. I. K. Filippov, G. A. Mikhaylov, R. A. Simar'yan. Trudy TSNIi MPS no. 349:83-117 '68.
- Selection of parameters and structural outline for locomotives. V. V. Lukin, Z. P. Lukina. Trudy OMIT no. 56:70-82 '63.
- Selection of the best specialization variant for a railroad car repair depot. V. A. Pakhomov and others. Trudy OMIT no. 55:83-90 '65.
- Special wear characteristics of low-mobility contacts of rubbing parts of the absorbing apparatus and the friction vibration damper of a car truck. A. A. Dyckho, K. A. Dyckho. Trudy OMIT no. 55:43-53 '65.
- Speedup method fatigue tests of D19 engine crankshafts. V. A. Zhebr. Trudy VNIT no. 23:110-116 '65.
- Stability of movement of rolling stock with double spring suspension. V. A. Lazarin, I. A. L. Korotenko, V. G. Dorozhich. Trudy MIIT no. 59:45-51 '66.
- Standard requirements for seamless rolled wheels. M. M. Shifrin. Stroi. i mash. 31 no. 12:11-14 '67.
- Strength calculation of truck frames of the electric rolling stock. G. P. Hurchak, A. D. Gerasimov, V. S. Plokin. Trudy MIIT no. 253:42-63 '68.
- Stress in gondola cars during the transportation of metal products. A. A. L'vov, I. M. Korotchev. Trudy MIIT no. 58:87-111 '66.
- Studies for further improvement of the carrying structure of a TEO locomotive body. E. S. Grochilchev, I. U. P. Kovalov. Trudy VNIT no. 23:9-13 '65.
- Study of carriage vibrations under the action of random excitations. G. P. Hurchak, F. N. Pavolotskii. Trudy MIIT no. 265:21-32 '68.
- Study of lateral vibrations and the effect on the track of electric locomotives with various types of body and truck connections. I. V. Biriukov, A. P. Matveichev. Trudy MIIT no. 265:3-28 '63.
- Study of occurring phenomena and shearing stresses in the force of contact between the wheel and the rail. Z. Z. Rudakov. Trudy MIIT no. 60:29-37 '68.
- Study of starting processes of diesel locomotive engines. V. A. Golubev. Trudy MIIT no. 251:195-221 '60.
- Study of the effect of the rolling texture on grain growth. K. N. Fedorov, L. P. Kurilekh, N. M. Tanatar. Trudy MIIT no. 60:78-81 '68.
- Studying the performance of sliding bearings reinforced with metal and ceramic material and babbitted. I. M. Korotchev, A. S. Ostrov. Trudy MIIT no. 60:47-54 '68.
- System of automatic regulation of the traveling speed of a hump yard diesel locomotive with electric transmission. I. G. Serganov. Trudy TSNIi MPS no. 349:18-36 '68.
- Tank car without shade protection for the transportation of liquefied propane. N. I. Ivanov and others. Trudy RILZIT no. 64:56-59 '67.
- Technical and economic evaluation of cooling systems of main line diesel locomotives. N. I. Panov, A. P. Tretyakov, I. A. A. Reznik. Trudy MIIT no. 251:4-18 '60.
- Theoretical investigation of the effect of the method of suspending hydraulic vibration dampers on the steadiness of the car vibration process. A. A. Dyckho, A. D. Laikov. Trudy OMIT no. 55:21-23 '65.
- Theoretical principles of the action of hydraulic vibration dampers on the free vibrations of the jumping motion of a car. A. A. Dyckho, A. D. Laikov, G. F. Gusev. Trudy OMIT no. 55:3-16 '65.
- Thermomechanical condition and operating efficiency of diesel locomotive engines. V. N. Vasil'ev. Trudy MIIT no. 251:173-184 '66.
- Train air resistance in tunnels and on open track. A. V. Peleny. Trudy MIIT no. 265:98-78 '68.
- Troshin, E. A., V. N. Litvinov, and V. M. Krivorot'ko. [Illustrated manual for car inspectors] Illyustirovanoe posobie oemotrichku vagonov. Moskva, "Transport", 1967, 158 p.
- Use of a speedup method during fatigue tests on samples of steel 30-75 mm in diameter. A. E. Rogozhikina, Z. A. Berkova. Trudy VNIT no. 23:104-108 '65.
- Use of electronic digital computers for determining the possibility of employing light alloys and glass plastics for a high-speed 26-meter passenger car shell. N. I. Podilov. Trudy VZIT no. 26:71-81 '67.
- Use of electronic digital computers for the analysis of operational loading of rolling stock parts. V. N. Pokrovskii. Trudy VZIT no. 26:61-68 '67.
- Use of electronic digital computers for the analysis of the movement of parts in railroad car roller bearings. A. I. Gultukin, M. M. Kurganov, V. A. Petrov. Trudy VZIT no. 26:15-58 '67.

825.2(471.61)—Rostov Province

Business accounting in auxiliary production. V. Brun'ko. Ekonomika 10 no. 4:51-55 Ap '68.

825.2(477.8)—Western Ukraine

According to the laws of aesthetics. E. Bulavin. Okhr. i razv. iskusstva. 11 no. 6:7 Jc '68.

825.3 Railways of special construction

Compact switches for industrial railroads. M. V. Berezovskii. Stroi. i mash. 31 no. 248:63-72 '68.

Special features of technological lines of metallurgical plants. M. P. Smirnov. Stroi. i mash. 31 no. 248:124-130 '68.

825.3(73)—United States of America

Train in a tube. N. E. Burchevskov. Mekh. stroi. 25 no. 2:28-20 F '68.

825.4(477)—Ukrainian S. S. R.

Controlling the thermal regime in subways of the southern cities of the U. S. S. R. V. G. Gerasimenko. Za tekhn. prog. 8 no. 4:39-41, 48 '68.

825.4 Elevated and underground railways

Lighting of the Kiev metro bridge. N. F. Markov. Transp. stroi. no. 5:15-17 My '68.

825.6 Cable and rope traction railways. Funiculars

Improving the drawing and transportation of ore in mines of the Sakal deposit. V. A. Isakov and others. Gor. zhid. 143 no. 4:38-39 Ap '68.

825.7 Highway, road engineering

Adoption of diamond cutting tools at the plants of the branch. B. N. Piskin, V. V. Razin. Stroi. i mash. 13 no. 1:33-34 Ja '68.

Basic trends in the construction of machinery and equipment for working frozen soils. N. I. Rovinskiy, B. M. Orlov. Stroi. i mash. 13 no. 2:4-6 F '68.

A bulldozer with a blasting unit. A. A. Yarkin. Stroi. i mash. 13 no. 1:9-10 Ja '68.

C-927 self-dumping cement truck. I. U. P. Solov'ev, I. A. A. Arons. Stroi. i mash. 13 no. 1:4-5 Ja '68.

D-3-46 scraper with an elevator loader. N. I. Kizlakov, M. A. Zimina. Stroi. i mash. 13 no. 4:5-8 Ap '68.

D-602 heating and pumping unit for bitumen reservoirs. M. R. Garber and others. Stroi. i mash. 13 no. 1:5-7 Ja '68.

D-606 bulldozer. I. N. Dornika, G. Z. Kezin, I. R. Krivoruchko. Stroi. i mash. 13 no. 1:3 Ja '68.

D-624A modernized bitumen tank truck. I. D. Chechol'nitskii. Stroi. i mash. 13 no. 1:7 Ja '68.

Determining the location under the subsoil (cushioning) layer in temporary (wood and soil) auto roads. V. I. Udilov. Izv. vyz. ucheb. zav. i ts. zhur. 11 no. 1:66-70 '68.

Effect of speed on soil resistance to cutting. N. G. Dombrovskii, N. D. Ushin. Stroi. i mash. 13 no. 1:18-19 Ja '68.

Efficiency of the automotive rollers on pneumatic tires. N. A. Gerasimov, A. I. Putk. Stroi. i mash. 13 no. 4:9 Ap '68.

Electric heating of wire rods for coiling. V. I. A. Vagin, A. A. Starikov. Stroi. i mash. 13 no. 4:32 Ap '68.

Increasing the operating efficiency of engines at low temperatures. D. D. Bagrov, M. I. Khvostov. Stroi. i mash. 13 no. 2:16-18 F '68.

Ivanovskii, A. S., V. M. Kovalevskii, and I. N. Piskin. [Mechanization of the construction and maintenance of snow-covered logging roads] Mekhanizatsiya stroitel'stva i soderzhanija snezhnykh logovoznykh dorog. Moskva, "Lessnaya prom-st", 1967, 82 p.

MNS-2 percussion for working frozen and rocky soils. V. F. Muchin, V. I. Ushin. Stroi. i mash. 13 no. 2:20-27 F '68.

Mechanization of managerial and engineering operations. B. M. Sviridov. Stroi. i mash. 13 no. 4:30-37 Ap '68.

Mechanization of tank welding. V. E. Solov'ev, V. I. A. Vagin. Stroi. i mash. 13 no. 4:31-32 Ap '68.

Mobile unit for preparation of bitumen - mineral mixes. P. L. Ivanov, I. A. A. Arons. Stroi. i mash. 13 no. 1:7-9 Ja '68.

Narbut, A. N. [Testing hydrodynamic transmissions of construction and road machinery. Review] Ispytaniya gidrodinamicheskikh peredach stroitel'nykh i dorozhnykh mashin. Obozr. Moskva, 1967, 77 p. (NH informatsii po stroit., dor. i kommun. mashinostroyeniya. Seriya 1 "Stroi. i mash.")

New standards. Stroi. i mash. 13 no. 4:35-38 Ap '68.

The 1967 production quota was filled ahead of time. Stroi. i mash. 13 no. 2:1-3 F '68.

Nomenclature of earth-digging and moving, shaping and compacting machines produced in series by the enterprises of the Ministry of Road Machinery Construction. Stroi. i mash. 13 no. 4:11-12 Ap '68.

Optimum control scheme of slide hydrostatic transmissions. V. M. Morzin. Stroi. i mash. 13 no. 4:8 Ap '68.

PD-10 sand spreader. E. M. Bukreev, G. I. A. Zuev. Stroi. i mash. 11 no. 4:28-30 Ap '66.

Pilejies in the construction and road machinery industry. I. A. Soldatenkov, N. I. Barash, M. A. Mero. Stroi. i mash. 11 no. 4:34-36 Ap '66.

Rigidity of obstacles and their effect on dynamic loads of working elements. A. G. Lobov, N. F. Fedolov, A. A. Belokonev. Stroi. i mash. 13 no. 1:10-13 Ja '68.

Selecting basic parameters of vibroplates. N. I. A. Kharukina, I. U. A. Andriachenko. Stroi. i mash. 13 no. 4:9-8 Ap '68.

Thermal treatment of flexible shafts. G. I. Kogan-Vol'man, I. A. G. Volovaya. Stroi. i mash. 13 no. 1:35-37 Ja '68.

VO-5 concrete mixing truck. Stroi. i mash. 13 no. 4:10 Ap '68.

Ways of using lignin-containing wastes in road building. D. V. Veselov, L. A. Savol'nov. Izv. vyz. ucheb. zav. i ts. zhur. 11 no. 1:71-75 '68.

825.7(671)—Asiatic R. S. F. S. R.

Efficient designs of temporary roads for the construction of pipelines in Western Siberia. N. G. Kulakov, N. M. Tuplitsyn. Stroi. i mash. 12 no. 4:14-16 Ap '67.

825.7(98)—Arctic and North Polar regions

New types of snow plows for the conditions of the Far North. E. F. Zaitsev, A. N. Ivanov. Stroi. i mash. 13 no. 2:12-13 F '68.

Operation of automotive graders in northern regions. I. S. Vaisberg. Stroi. i mash. 13 no. 2:13-15 F '68.

825.8 Paving of roads. Wearing surfaces

A bulldozer with a blasting unit. A. A. Yarkin. Stroi. i mash. 13 no. 1:9-10 Ja '68.

C-927 self-dumping cement truck. I. U. P. Solov'ev, I. A. A. Arons. Stroi. i mash. 13 no. 1:4-5 Ja '68.

D-3-46 scraper with an elevator loader. N. I. Kizlakov, M. A. Zimina. Stroi. i mash. 13 no. 4:5-8 Ap '68.

D-602 heating and pumping unit for bitumen reservoirs. M. R. Garber and others. Stroi. i mash. 13 no. 1:5-7 Ja '68.

Effect of speed on soil resistance to cutting. N. G. Dombrovskii, N. D. Ushin. Stroi. i mash. 13 no. 1:18-19 Ja '68.

Efficiency of the automotive rollers on pneumatic tires. N. A. Gerasimov, A. I. Putk. Stroi. i mash. 13 no. 4:9 Ap '68.

Mobile unit for preparation of bitumen - mineral mixes. P. L. Ivanov, I. A. A. Arons. Stroi. i mash. 13 no. 1:7-9 Ja '68.

Nomenclature of earth-digging and moving, shaping and compacting machines produced in series by the enterprises of the Ministry of Road Machinery Construction. Stroi. i mash. 13 no. 4:11-12 Ap '68.

Optimum control scheme of slide hydrostatic transmissions. V. M. Morzin. Stroi. i mash. 13 no. 4:8 Ap '68.

Organization of flow production of parts. O. N. Ivanov, V. N. Kuznetsov. Stroi. i mash. 13 no. 4:27 Ap '68.

Rigidity of obstacles and their effect on dynamic loads of working elements. A. G. Lobov, N. F. Fedolov, A. A. Belokonev. Stroi. i mash. 13 no. 1:10-13 Ja '68.

Selecting basic parameters of vibroplates. N. I. A. Kharukina, I. U. A. Andriachenko. Stroi. i mash. 13 no. 4:9-8 Ap '68.

Statistical method of evaluation of the microtopography of road and ground surfaces. N. M. Antyashov. Trudy VNI no. 40:71-78 '68.

Thermal treatment of flexible shafts. G. I. Kogan-Vol'man, I. A. G. Volovaya. Stroi. i mash. 13 no. 1:35-37 Ja '68.

Use of computers in the design of prestressed reinforced concrete plates for paving logging roads. A. M. Kulebinkin, V. I. Skrynnik. Izv. vyz. ucheb. zav. i ts. zhur. 11 no. 1:149-152 '68.

VO-5 concrete mixing truck. Stroi. i mash. 13 no. 4:10 Ap '68.

826 Hydraulic engineering and construction work

All-Union inspection of inventors work in the area of land reclamation and water economy. Gidr. i mol. 20 no. 5:123-125 My '68.

Determining ice strength in hydraulic structure design. V. P. Afanasev. Gidr. i mol. 38 no. 5:48-51 My '66.

Design of retaining walls taking into consideration their rigidity, diapic moments and foundation deformations. I. M. Bozprozvannaya. Gidr. i mol. 37 no. 1:30-44 Ja '67.

Increasing the durability of steam-cured reinforced concrete members used in hydraulic constructions. M. I. Khilgerovich, A. B. Nabokov, I. L. Volozin. Gidr. i mol. 38 no. 5:12-17 My '68.

Industrialization of construction and planning capital investments in river transportation. Z. Kort. Rech. transp. 27 no. 5:45 My '68.

Kanal and hydraulic construction. K. A. Ivanov. Trudy Gidrotekhn. 9:276-286 '63.

Motion of solid particles in a stationary liquid flow. T. N. Kiseleva, D. D. Mamedov. Za tekhn. prog. 8 no. 1:44-48 Ja '68.

Mudflow chutes protect railroad tracks. E. S. Avallant. Transp. stroi. no. 5:40-42 My '68.

New calculation standards of maximum water discharge for designing of hydraulic structures on rivers. E. G. Iokhinov, B. I. Leon'evskii. Gidr. i mol. 36 no. 2:48-50 Ag '66.

Results of socialist competition for the fourth quarter (1971). *Gid. i mel.* 20 no. 5:120-123 My '68.

The Sixth Scientific and Technical Conference of "Gidromekhanika" (Hydraulic Engineering) young specialists. A. I. Shtromov. *Gid. i mel.* 20 no. 5:124-125 My '68.

Study of piezometric groundwater with colloidal cement as used in hydraulic structures. M. R. Ur'ev, A. F. Khramov, N. V. Mikhailov. *Gid. i mel.* 20 no. 1:16-18 Ja '67.

The 12th Congress of the International Association of Hydraulic Research. *Gid. i mel.* 20 no. 1:36-37 Ja '67.

70th anniversary of the "Gidromekhanika" Trust. V. A. Malonov. *Gid. i mel.* 20 no. 1:45-48 Ja '67.

Use of radioactive isotopes in the hydraulic engineering construction of offshore oil fields. I. P. Kuliev and others. *Za tekhn. prog.* 3 no. 5:39-40 My '63.

Water economy of the world. M. EXPO-67. N. A. Alekseev. *Gid. i mel.* 20 no. 5:101-106 My '68.

625(470)—White Russian S. S. R.

[Utilization and protection of water resources of White Russia] *Ispol'zovanie i okhrana vodnykh resursov Belorussii.* Minsk, "Nauka i tekhnika," 1967, 283 p.

626(480)—Finland

Navigational structures in Finland. L. Dykov. *Rech. transp.* 27 no. 5:50-52 My '68.

626.1 Inland waterways. Canals, etc.

Collecting stations in Valtia. V. M. Vasil'ev. *Trudy KHIT* no. 81:87-12 '66.

Depth control in digging canals with an excavator-back hoe. A. P. Piliagin. *Gid. i mel.* 20 no. 5:50-51 My '68.

Earth-fill embankments of Volga-Baltic Sea waterway. I. Z. Fedkin. *Gid. i mel.* 20 no. 1:10-13 Ja '67.

Karl Marx Canal transportation and waterways. F. Noslovsk. *Rech. transp.* 27 no. 5:4-6 My '68.

626, 1(471, 311)—Moscow Province

Handling a motorship with a barge in tow on the Moscow Canal. V. Ostapenko. *Rech. transp.* 27 no. 5:43 My '68.

626.4 Locks. Sluices. Gates

Final response factor of the sand filter on the shales of duck-type lock chamber walls. D. I. Mezimov. *Gid. i mel.* 20 no. 12:24-26 D '67.

Organizing the work of the local of the lock operating personnel. V. Trukhtayn. *Rech. transp.* 27 no. 5:40 My '68.

626.8 Agricultural hydraulics

Business accounting in irrigation systems and water prices. I. S. Kromov. *Gid. i mel.* 20 no. 8:66-71 My '68.

Coordinating conference on the automation of water supply systems. G. I. Melnik, A. A. Avdeev. *Gid. i mel.* 20 no. 3:111-115 My '68.

Design of a closed horizontal drainage system. T. I. Fel'dman. *Trudy Soluz. NIKH* no. 14:37-41 '68.

Design of ferroconcrete structures on plot bogs. I. A. Tsvetkov, P. V. Petrunov. *Gid. i mel.* 20 no. 5:52-53 My '68.

Designs of fish protecting devices used at water intake structures. A. M. Bol'shakov. *Trudy Giprovozdkhooz* no. 1:18-23 '67.

Effect of irrigation and fertilization on the biochemical and physical properties of some soils of Azerbaijan. A. G. Khashimov. *Trudy VNRZ* no. 56:142-146 '65.

Effect of various systems of irrigation on the microclimate of a cotton field. S. S. Nabikhovich. *Trudy Soluz. NIKH* no. 14:121-127 '68.

From the work experience of the Southern Scientific Research Institute of Hydraulic Engineering and Reclamation. N. P. L'vov. *Gid. i mel.* 20 no. 5:38-43 My '68.

Increase in the quality of prefabricated ferroconcrete flumes. T. P. Serkovich, A. G. Silaev. *Gid. i mel.* 20 no. 5:52-56 My '68.

Instructions for planning fishway constructions. *Ibid.* *strol. tekhn.* 20 no. 1:12 Ja '67.

Introduction of business accounting in irrigation systems. F. I. Bokhin, K. K. Radchenko. *Gid. i mel.* 20 no. 5:72-75 My '68.

Irrigation system for fall ripening sorts of cotton. S. A. Gid'lov, M. Kh. Ismailov. *Trudy Soluz. NIKH* no. 14:112-120 '68.

Leaching irrigations for saline soils. Drainage work during leaching. V. M. Legostayev. *Trudy Soluz. NIKH* no. 14:42-61 '68.

Lugovskoi, M. V., and others. [Water supply mechanization on livestock farms] *Mekhanizatsiya vodopostavleniya zhivotnovodcheskikh form.* Moskva, "Vyssh. shkola," 1967, 104 p.

Mathematical methods and computers used in hydraulic and soil reclamation engineering. G. I. Ruzal'skin. *Trudy Giprovozdkhooz* no. 1:51-57 '67.

Means of increasing the productivity of pumping windmills. A. F. Shostov, G. I. Markina. *Gid. i mel.* 20 no. 5:32-37 My '68.

Means of protecting drains against silting. V. S. Rybnikov, S. P. Khv'it'ko. *Gid. i mel.* 20 no. 5:40-50 My '68.

Morphometric characteristics of an earthen irrigation canal. A. A. Budegov. *Za tekhn. prog.* 6 no. 6:38-47 Ja '66.

[Preparations for chemical control of weeds in irrigation canals and systems. (Selected abstracts)] *Preparaty dlya khimicheskogo bor'by s sorovakami na oroshitel'nykh kanalkakh i sistemakh.* (Referativnaia podborka). Kishinev, 1967, 15 p.

Problems in the improvement of irrigation systems. A. F. Rad'ko. *Gid. i mel.* 20 no. 5:103-114 My '68.

A rational system for the irrigation of grain crops and grasses. V. Kh. Klotz, B. G. Shepa. *Gid. i mel.* 20 no. 5:117-117 My '68.

Reliability of automatic irrigation system regulators. V. V. Shtromov. *Gid. i mel.* 20 no. 5:118-122 My '68.

System and technique of irrigating cotton sown in wide rows. M. P. Shchegolev, N. I. Nasyrov. *Trudy Soluz. NIKH* no. 14:87-104 '66.

Use of radiation-type moisture and density gauges in soil reclamation surveys. V. N. Kashtayn. *Trudy Giprovozdkhooz* no. 1:26-38 '67.

Where to acquire irrigation equipment? M. F. Ivanenko, A. I. Shtromov. *Gid. i mel.* 20 no. 5:92-92 My '68.

626, 8(471, 63)—Stavropol Territory

Effectiveness of irrigation of winter wheat in Stavropol Territory. G. A. Gariagin. *Gid. i mel.* no. 5:21-31 My '68.

626, 8(474, 3)—Latvian S. S. R.

Experience in the construction of large-scale drainage systems in the Latvian S. S. R. I. A. Rikats. *Gid. i mel.* 20 no. 5:41-48 My '68.

626, 8(474, 5)—Lithuanian S. S. R.

Mechanizing ameliorative operations in the Baltic region. N. D. Kuznetsov, A. Stenkinas. *Mekh. i mel.* 25 no. 3:8-10 Mr '68.

626, 8(477)—Ukrainian S. S. R.

Great unexploited potentialities of growth in agricultural production. H. Gerasimov, Komin, Ukr. 42 no. 6:31-33 Ju '68.

626, 8(470, 21)—Azerbaijan S. S. R.

Development of irrigation and melioration in Azerbaijan. T. I. Abdulrazimov. *Za tekhn. prog.* 7 no. 11:21-23 N '67.

626, 8(678)—Central Asia

The Goldenaya Steppe submits to man. V. Dukhovnyi. *Gid. i mel.* 20 no. 5:1-10 My '68.

A short review of the state of cotton growing in pre-revolutionary Turkestan and the Soviet regime's first steps for its restoration. A. Kamidkhodzhaev. *Nauch. trudy TashGU* no. 315:6-10 '67.

Struggle of the Communist Party of Turkestan towards the removal of cotton growing in the Republic from 1921 to 1928. A. I. Khon. *Nauch. trudy TashGU* no. 315:17-28 '67.

626, 8(576, 1)—Uzbek S. S. R.

Characteristics of water usage in Khorezm Province. I. K. Kiselev, L. A. Lifshits. *Trudy Soluz. NIKH* no. 14:86-86 '68.

Cotton irrigation system by spraying on meadow soils with a new supply of fresh groundwater. P. M. Sattarov. *Trudy Soluz. NIKH* no. 14:128-132 '66.

From the history of the struggle of the Communist Party of Uzbekistan in developing irrigation and ameliorative construction as a determining factor in the progress of cotton growing. I. U. I. Drogimov. *Nauch. trudy TashGU* no. 315:146-154 '67.

Study of the irrigation system for cotton plants on newly reclaimed lands of the Karshi Steppe. M. Kurbanov. *Trudy Soluz. NIKH* no. 14:104-111 '66.

627 Natural waters and channels. River, port, harbor, and coast works, etc.

Determining the lift and thrust stability of hardened cement in metal piles of offshore hydrotechnical structures. M. S. Blakimov. *Za tekhn. prog.* 8 no. 4:38-38 Ap '68.

Instructions for determining estimates of maximum spring water flow. *Ibid.* *strol. tekhn.* 20 no. 1:11 Ja '67.

627.1 Natural inland waters

Flow characteristics of a hydraulic fluid in open streams with smooth channels. M. A. Mamedov. *Za tekhn. prog.* 6 no. 5:36-36 My '68.

Now calculation standards of maximum water discharge for designing of hydraulic structures on rivers. E. G. Bikhonov, B. B. Leont'evskii. *Gid. i mel.* 20 no. 8:48-50 Ag '68.

Velocity of the bottom layer in a stream. I. U. A. Rad'zede. *Za tekhn. prog.* 8 no. 5:34-35 My '65.

627, 1(470)—White Russian S. S. R.

[Utilization and protection of water resources of White Russia] *Ispol'zovanie i okhrana vodnykh resursov Belorussii.* Minsk, "Nauka i tekhnika," 1967, 283 p.

627, 1(571, 63)—Irkutsk Province

Some characteristics of winter flow in middle Vilim River. A. V. Shcheklov. *Gid. i mel.* 20 no. 1:37-38 Ja '67.

627.2 Ports, harbors and roadsteads. Coast and marina works Internal business accounting in the basis of economic reform. A. Platinin. *Rech. transp.* 27 no. 5:15-17 My '68.

Sher, A. A., and N. G. Varakshin. [Establishing norms and wages for workers of sea harbors] *Normirovaniye i oplata truda rabotnikov morskikh portov.* Izd. 2 e, dop. 1 pererabot. Moskva, "Transport," 1967, 212 p. (Ekonimika i ekspluatatsiya morskogo transporta).

Using electronic computers to calculate the daily plan for work assignment to shifts in harbors. V. Savin, N. Fidaev. *Rech. transp.* 27 no. 5:20-21 My '68.

627, 2(477, 0)—Crimea

Shore protection with concrete tetrapods in the Yalta region. G. I. Eliseev, D. A. Filisev. *Transp. etrol.* no. 5:20 My '68.

627, 2(571, 63)—Irkutsk Province

Now Bratsk Harbor. M. Nikulin. *Rech. transp.* 27 no. 5:44 My '68.

627.3 Port installations, equipment. Dockyards, quays, etc. Design of sail-type retaining walls. A. Krivov. *Rech. transp.* 27 no. 5:38-39 My '68.

627, 3(571)—Astoria R. S. S. R.

Using submersible pontoon moorings on rivers in Western Siberia. I. Z. Malakhov. *Strol. truboprov.* 12 no. 7:21-24 Ji '67.

627, 3(571, 13)—Omsk Province

Omsk forebushmen are organizing their work. P. Surikov. *Rech. transp.* 27 no. 5:13-15 My '68.

627.4 Improvement of rivers, streams. Protection. Training works Concrete reinforcement. I. A. Melik-Baklanian. *Pul' i pul. khoz.* 12 no. 3:36-39 '68.

Klerkhegheghe, L. I. [Lattice-type flow-through protective and regulating structures of sectional reinforced concrete for use in mountain rivers] *Skoziye zashchitnye i reguliruyemye sooruzheniya iz sbornogo zhelezobetona na gornykh rekakh.* Pod red. G. N. Khmaladze, Moskva, Gidrometizdat, 1967, 120 p.

627.5 Flood and coast protection works. Diker. Draining and reclamation

Formation of sediment composition and its quantitative distribution in the bottom of large water reservoirs. V. Kh. Khavrud. *Gid. i mel.* 20 no. 8:32-35 My '68.

Track deformation should not be permitted. I. G. Filin. *Pul' i pul. khoz.* 12 no. 3:1-3 '68.

627.6 Dams. Large reservoirs and barrage dams. Hydraulic power plant works

Application of nonmechanical methods for the determination of rock deformability of hydraulic structure foundations. A. I. Shvach, Z. G. Khar'chenko. *Gid. i mel.* 20 no. 12:20-25 D '67.

Calculation formulas for the stability of earth dam slopes. V. Kh. Goltman. *Gid. i mel.* 20 no. 8:36-32 Ag '68.

Calculation of pressure and velocities at the curved section of water pressure outlets for the purpose of their cavitation forecast. S. M. Silanskii, E. I. Anisimov. *Gid. i mel.* 20 no. 5:38-41 My '68.

Coordinating conference on roadwork, design and construction of dams from local materials. I. N. Shcheklovskii. *Gid. i mel.* 20 no. 5:3 of cover My '68.

Coordinating conference on design, construction, operation and investigation of reservoirs. G. N. Lapshin. *Gid. i mel.* 20 no. 8:57-60 Ag '68.

Designing of earth dams. I. R. Chirgaev. *Izv. VNIIG* 78:3-10 '65.

Designs of fish protecting devices used at water intake structures. A. M. Bol'shakov. *Trudy Giprovozdkhooz* no. 1:18-23 '67.

Deformation of an earth dam strength by its nonuniform deformation. D. M. Torkovskii, I. M. Vasil'ev. *Gid. i mel.* 20 no. 8:25-30 Ag '68.

Dimensions of a hydraulic jump in stilling basins with baffle walls. T. P. Provorov. *Izv. VNIIG* 78:240-257 '65.

Efficient use of radiogoniometers and self-levelling instruments in water project surveys. D. P. Romelko. *Trudy Giprovozdkhooz* no. 1:38-50 '67.

Experimental study of joints in consolidated assembly structures. O. V. Mikhailov. *Gid. i mel.* 20 no. 8:10-26 Ag '68.

Formation and stability of landslides and slump slopes in folded-rock mountainous regions. G. S. Zolotarev. *Gid. i mel.* 20 no. 5:52-57 My '68.

Formulas for cement-sand mixtures used in gunfiring. M. G. Khushchenko and others. *Gid. i mel.* 20 no. 8:14-18 Ag '68.

The Ninth International Congress on Large Dams. *Gid. i mel.* 20 no. 12:28 D '67.

Operation of hydroelectric power station water intake with lifts in piers. V. S. Serkov. *Gid. i mel.* 20 no. 1:27-30 Ja '67.

Program for the Ural-2 digital computer to determine temperature fields and thermal stresses in a concrete wall. Sh. N. Pliat, A. M. Tsybin. *Izv. VNIIG* 78:155-187 '65.

Strength of the joint between prefabricated reinforced concrete elements and concrete blocks. A. A. Adamenko, G. I. Alabuk. *Gid. i mel.* 20 no. 8:16-18 Ag '68.

Studying strength of cellular structures made of prefabricated slabs. I. U. A. Landau. *Gid. i mel.* 20 no. 1:21-22 Ja '67.

Use of the differential method for the design of arch dams as complex configuration built on yielding foundations. I. A. Babin. Izv. VNIIG 74:127-151 '65.
Use of the dynamic programming method for the optimization of a hydroelectric power plant operation during the original filling time of an on-year storage reservoir. Gidr. stroit. 18 no. 5:75-78 My '68.

627.8(211)—Cold Inland regions

Crack-resistant concrete for arch built on rock foundations in cold regions. V. V. Stukin. Izv. VNIIG 74:120-43 '65.

627.8(471.43)—Kuybyshev Province

Experience with operation of Bashk. Ark of the Volga Hydroelectric Power Station named after V.I. Lenin. K.P. Shorn. Gidr. stroit. 37 no. 1:27-27 Ja '67.

627.8(471.44)—Saratov Province

Elastic regime of the Allard in nonuniform layers of the Saratov GTS basin. P.I. Zuev. Trudy Gidropromekha 9:1-15 '63.

New stage in the Volga cascade of hydroelectric power stations. G. Pethakova, G. Vasil'ev. Rech. transp. 27 no. 5:31 My '68.

627.8(471.45)—Volgograd Province

Nature of iron sediments in drainage boreholes during construction of Volga GTS named after the 22d Congress of the CPSU. H.I. Ponom. Trudy Gidropromekha 9:103-120 '63.

627.8(477)—Ukrainian S.S.R.

Centralized repair organization for Islopetr Hydroelectric Power Station. A.G. Stankovskiy, A. A. Lurie. Gidr. stroit. 37 no. 1:55-56 Ja '67.
Conditions of engineering geology in the construction of the Kany Hydroelectric Power Station. S.V. Kikhin. Gidr. stroit. 36 no. 8:7-11 Ag '66.

The Kany Hydroelectric Power Station on the Dnipro River. G.S. Barisev. Gidr. stroit. 35 no. 8:1-7 Ag '65.
Our Republic's green workshop. H. Luk'yanov. Komun. Ukr. 43 no. 6:11-35 Ja '65.

Site investigations of the condition of structures of the Kiev Hydroelectric Power Plant. Gidr. stroit. 36 no. 5:23-28 My '68.

627.8(479.22)—Georgian S.S.R.

Reinforced concrete tie-beams used for tunnel bracing of Lagur River Hydroelectric Power Station. I. A. Svaradze. Gidr. stroit. 37 no. 1:13-15 Ja '67.

627.8(571.53)—Irakutsk Province

Formation of cracks in blocks of the Irkutsk Hydroelectric Power Plant. S. A. Eidel'man, L. M. Trupenkov. Izv. VNIIG 74:41-70 '65.

Hydroelectric power plant on the Mamrak River. V. I. Teloukov, N. G. Semenov. Gidr. stroit. 36 no. 3:1-4 My '68.

Thermal stresses of experimental long concrete lifts in Bratsk GES during its construction. S. A. Eidel'man, G. M. Makedonskiy. Gidr. stroit. 36 no. 5:17-23 My '68.

627.8(571.66)—Yakut A.S.S.R.

Use of electrical prospecting for selecting site of Vaynyak GES. A. M. Proshin. Trudy Gidropromekha 9:397-405 '63.

627.8(571.6)—Soviet Far East

Basic characteristics of storage-flow conditions in the reservoirs. V. G. Cherenko. Shor. nauch. rab. DVNIS no. 8:122-133 '66.

627.8(574)—Kazakh S.S.R.

Construction of a rockfill dam with the help of directed blasting. I. A. F. Solov, G. I. Slapovalov. Gidr. stroit. 36 no. 5:8-12 My '68.

627.8(575.2)—Kirghiz S.S.R.

Consolidation of an anticlope cutoff wall for building up the core of the Pavlovsk Hydroelectric Power Station earth dam. I. G. Gal'perin, H. M. Zerkhin. Gidr. stroit. 36 no. 12:14-15 D '67.
Studying stability of rocks at the Kencel'gys GTS site. E. I. Tkachuk, H. I. Vikulin. Trudy Gidropromekha 9:159-170 '63.

627.8(575.4)—Turkmen S.S.R.

Field investigation of spillway capacities in Khudhman Hydroelectric Power Station. A. S. Vorob'ev. Gidr. stroit. 36 no. 8:43-45 Ag '68.

627.8(62)—Northeast Africa, Egypt and Sudan

Use of water transportation with sluicing for rock materials in the construction of the Aswan Dam tunnels. V. S. Pandlov. Gidr. stroit. 36 no. 12:16-18 D '67.

627.9 Coastal approach works. Marking. Signalling. Pilotage. Drowning people are fished out. V. Bogalyrov. Izobr. i raiz. no. 1:32 '68.

Increasing the reliability of reception of buoyage lights and markers. I. Belova. Rech. transp. 27 no. 5:33-35 My '68.

Technical and economic method of determining levels in designing engineering protection structures. M. Syroezhin. Rech. transp. 27 no. 5:36 My '68.

Dovshchik, P. P. [Rear organization at fires] Organizatsiya raboty lyuza razpozharov. Moskva, Stroizdat, 1967. 88 p.

[Mineral machinery, mechanisms, and equipment. Handbook] Mashiny, mekhanizmy i oborudovaniye konformnykh khozaystva. Spravochnik. Pod obshch. red. F. M. Bakreva. Kiev, "Budivelnik," 1958. 296 p.

Urban economy should be carefully improved. M. Vozshin. Partizanskiy so. 12:30-31 S '66.

What should the chapters be like on water engineering and sewage in construction norms and regulations. Vod. i san. tekhn. no. 7:1-2 '68.

628(476)—White Russian S.S.R.

[Utilization and protection of water resources of White Russia] Ispol'zovaniye i ochrana vodnykh resursov Belorussii. Minsk, "Nauka i tekhnika," 1967. 263 p.

628.1 Water supply. Waterworks

All-Union inspection of inventory work in the area of land reclamation and water economy. Gidr. i mel. 29 no. 5:123-125 My '68.

Area systems of gravity-flow water pipes for small communities. A. A. Shumilov. Vod. i san. tekhn. no. 3:57 Mr '65.

Automatic control of filters by use of contactless magnetic elements. E. V. Vichman. Vod. i san. tekhn. no. 6:16-18 Ja '68.

Automatic control systems for the water decarbonization process. A. S. Pashkev, B. N. Seleznev. Trudy VOIIGEO no. 16:53-57 '67.

Comparative evaluation of various design cast iron water pipes with rubber seal joints. V. I. Gurovets and others. Trudy VOIIGEO no. 16:58-62 '67.

Construction of water supply systems for pastures in arid regions of the U.S.S.R. G. M. Borisov, L. I. Vashina. Trudy Gidropromekha no. 1:56-71 '67.

Centralizing conference on the automation of water supply systems. G. Belinskii, A. A. Alev, G. I. Mel. 20 no. 5:113-115 My '66.

Developing a production method for acid-resistant atomite filter hull. L. E. Apoll'sin, E. F. Zolotareva. Trudy VOIIGEO no. 16:3-6 '67.

Economy of water is the economy of electric power. A. P. Alekshenko. Prom. energ. 23 no. 5:11-12 My '68.

Effect of acid wash of sulfonated coal on the exchange capacity. V. P. Tsedler. Trudy VOIIGEO no. 16:6-7 '67.

Efficient design of filters for purification of water coming from reservoirs. H. I. Pashkev. Trudy VOIIGEO no. 16:12-17 '64.

Electrochemical corrosion protection of the inside surface of a water main. S. A. Melnikandrov, B. M. Bantuk, A. M. Makhmedzade. Za tekhn. prog. 6 no. 6:26-29 Ja '66.

Experimental construction of shallow tubular wells with the help of blasting. V. A. Krestov, G. K. Vork. Vod. i san. tekhn. no. 3:33-34 Mr '66.

Experimental stabilization of water treatment for protection against corrosion of a long steel water line. L. E. Apoll'sin, V. A. Vornello, E. F. Zolotareva. Trudy VOIIGEO no. 6:1-3 '61.

Experimental studies of plotting a phase diagram for the system "industrial substance - sodium chloride water solutions." E. A. Proshin. Trudy VOIIGEO no. 16:33-37 '67.

Experimental study of the water acidification method in order to prevent carbonate deposition in water recirculation systems. D. I. Kucherenko. Trudy VOIIGEO no. 16:13-17 '67.

Hydraulic investigation of cast iron water pipes with inside polyethylene coating. V. N. Litin. Trudy VOIIGEO no. 16:46-50 '67.

Increasing the reliability of circulation pipelines of thermal electric power plants. O. P. Uvarov. Elek. sta. 38 no. 6:37-40 Ja '68.

Laboratory research on the treatment of waterworks water with coagulant inhibitors. V. A. Glukhov, R. A. Nosmonkov. Trudy VOIIGEO no. 16:66-68 '67.

Measures against scale formation in seawater evaporator by the granular additive method. N. P. Khalifov. Trudy VOIIGEO no. 6:26-31 '64.

Oxidizing ferrous iron by air oxygen during the decarbonization process of underground water. O. I. Ass. Trudy VOIIGEO no. 14:8-10 '67.

Precast reinforced concrete sinking caissons. G. D. Androv, A. I. L'kov. Vod. i san. tekhn. no. 3:27-28 My '68.

Preservation of coagulants in a solution. M. P. Sulev, Vod. i san. tekhn. no. 3:36-37 Mr '68.

Prevention of scale formation in seawater evaporators by water-repellent coatings of heat exchange surfaces. L. E. Apoll'sin, N. P. Khalifov. Trudy VOIIGEO no. 16:18-21 '67.

Principles of the decarbonization process using the superfiltration method. F. N. Korolov. Trudy VOIIGEO no. 16:38-42 '67.

Purification of waste waters of iron removal stations. G. I. Ass. Vod. i san. tekhn. no. 8:28-28 Ja '68.

Removal of organic substances from natural waters. E. I. Kas'ianenko and others. Toposnergetika 15 no. 3:58-61 Mr '68.

Research works of the VOIIGEO Institute in the field of water treatment. V. A. Kisechko. Trudy VOIIGEO no. 16:1-2 '67.

Results of experimental studies on the clarification of water with high content of suspended matter. L. G. Petrova. Trudy VOIIGEO no. 16:16-13 '67.

Scientific and technical conference on nonchemical water purification methods. Vod. i san. tekhn. no. 7:37-38 '68.

Sealing joints in pipelines. V. K. Sintukov, O. A. Lukin. Stroit. i tekhn. Uzb. 8 no. 11:15-17 N '67.

Selecting efficient methods for drilling water wells. K. Z. Pivov. Stroit. i tekhn. 12 no. 5:34-35 My '67.

water supply systems. Vod. i san. tekhn. no. 7:37-38 Ja '68.

Seminar on water treatment at VDNKH of the U.S.S.R. Vod. i san. tekhn. no. 8:4 of cover Ja '68.

Studying the effect of filling of all dams from district water supply outlets. A. I. Egorov. Trudy VOIIGEO no. 16:63-65 '67.

Studying the electric resistance of an electrolysate apparatus. L. D. Denakov. Trudy VOIIGEO no. 16:3-7 '67.

Studying the operation of sand traps with a circular flow of water. N. S. Makul'mevskii. Vod. i san. tekhn. no. 7:13-15 Ji '68.

Studying the silt accumulation problem in a water filtration intake. V. E. Sergutin, H. F. Turutina. Vod. i san. tekhn. no. 8:28-31 Ja '68.

Studying the use of surface-active agents as scale formation preventives in seawater evaporators. N. I. Khalifov. Trudy VOIIGEO no. 16:21-24 '67.

Studying the water decarbonization process by means of propane gas crystal hydrates. L. N. Medvedev. Trudy VOIIGEO no. 16:21-24 '64.

Studying water flow conditions in columns of the electrolysate decarbonization apparatus. L. D. Udalov. Trudy VOIIGEO no. 16:21-30 '67.

Technology of preparing activated silice acid for use as coagulation additive in water purification plants. G. G. Petrov. Trudy VOIIGEO no. 6:3-5 '64.

Technology of silica sol in water purification works. V. A. Stipchenko, L. A. Kul'skii. Vod. i san. tekhn. no. 7:10 '68.

Use of manganese-treated sand for iron removal from water. V. A. Vornello. Trudy VOIIGEO no. 8:5-12 '64.

Using a float-regulator in the bottom tunnel conduct of a water intake. U. R. Mirza-Zade, V. I. Kisev, Za tekhn. prog. 6 no. 3:42-43 My '68.

Water decarbonization by the extraction method. O. I. Levontin. Trudy VOIIGEO no. 16:46-50 '67.

Water desalting apparatus using porous electrodes. M. N. Klimov. Trudy VOIIGEO no. 16:43-46 '67.

628.1(477.6)—Donetsk Basin

Operation of the Inverted Alpin in the Sovetsky Donetsk-Basins Canal. H. E. Dzhuravskiy, S. Z. Khaz'ratov. Gidr. stroit. 36 no. 12:10-13 D '67.

628.1(478.24)—Azerbaijan S.S.R.

Improving the quality of water in the Bay of Baku for technical water supply. R. G. Mametov. Za tekhn. prog. 6 no. 5:44-46 Ja '68.

628.1(571.13)—Onisk Province

Centralized hot water supply in Onisk. M. F. Mikhal'skiy. Nauch. i tekhn. OMI no. 6:77-78 '66.

Development of communal water supply and water consumption in Onisk. A. D. Korol'man. Nauch. i tekhn. OMI no. 6:81-88 '66.

Water supply of the district branch of "Kolkhoznik" in Onisk Province. N. A. Pogorelov. Nauch. i tekhn. OMI no. 6:82-88 '65.

628.1(571.6)—Soviet Far East

Construction of water supply and sewerage networks under complex conditions in the southern part of the Far East. A. V. Slotaonki. Shor. nauch. rab. DVNIS no. 8:103-107 '66.

628.1(574)—Kazakh S.S.R.

Conditions of water supply for oil fields on the Mangyshlak Peninsula. V. I. Imitrova and others. Razved. i okh. nauch. 32 no. 12:30-33 D '66.

Kazakhstan's water pipelines. K. A. Sivak. Stroit. i tekhn. 12 no. 11:31-34 N '67.

628.1(575.1)—Uzbek S.S.R.

Advanced technology used in laying water pipelines in Tashkent. N. A. Sokratov, I. Kh. Damlar, Khodzhaev. Stroit. i tekhn. 12 no. 11:28-30 D '67.

From the history of activity of the Communist Party of Uzbekistan in the field of cotton growing. 1953-1963. S. I. Giltin. Nauch. i tekhn. TashGU no. 315 115-120 '67.

628.2 Sewerage. Sewers

Construction of water supply and sewerage networks under complex conditions in the southern part of the Far East. A. V. Slotaonki. Shor. nauch. rab. DVNIS no. 8:103-107 '66.

Joining of precast reinforced concrete pipes by the direct butt jointing method. A. B. Il'vovskii. Vod. i san. tekhn. no. 8:32-33 Ja '68.

Laying of reinforced concrete pressure pipeline with rubber seal joints. S. L. Lezhichontik. Vod. i san. tekhn. no. 7:30-31 Ji '68.

Plastic sewer conduits with rubber seal joints. S. D. Dubrovskiy, Sh. L. Golt'man. Vod. i san. tekhn. no. 7:6-9 Ji '68.

628.3 Sewage. Purification, etc.

Automating the decarbonization process of waste water, containing cyanides. E. S. Monastyrniko, K. N. Zaitkov. Vod. i san. tekhn. no. 3:23-26 Mr '68.

Biological purification of industrial waste water in petroleum refining plants. M. S. Matveev. Vod. i san. tekhn. no. 8:23-25 Ja '68.

Conference on the purification of sewage. Vod. i san. tekhn. no. 7:38-38 Ji '68.

Design of high capacity biofilters. E. P. Fuzulina. Vod. i san. tekhn. no. 7:10-13 Ji '67.

- 629.113(41)—United Kingdom and Northern Ireland
Royce and Rolts created the "Rolts-Royce" cars. G. Smirnov. Izobr. i izm. no. 1:24-27 '88.
- 629.113(431)—German Democratic Republic
Long-base IFA W50L/Sp truck. Avt. transp. 46 no. 4: 62 Ap '68.
- 629.113(437)—Czechoslovakia
Czechoslovak refrigerator motor vehicle. Avt. transp. 45 no. 12:58 D '67.
- 629.113(44)—France
Green plane economy motor vehicle. Avt. transp. 46 no. 4:63 Ap '68.
- 629.113(471.316)—Yaroslavl Province
New 12-cylinder engines of the Yaroslavl Motor Plant. G. Chernyavskiy, G. Suznov. Avt. transp. 46 no. 3:40-44 Mr '68.
- 629.113(476)—White Russian S. S. R.
Comparative evaluation of axle suspensions in low-frame tractors. A. V. Zhukov. Prom. Bel. 10 no. 12:53-54 D '67.
Use of shallow-hardened carbon steel in manufacturing rear axles of MAZ motor vehicles. N. P. Andriushchenko and others. Prom. Bel. 10 no. 12: 28-31 N '67.
- 629.113(477)—Ukrainian S. S. R.
First All-Union Conference on Automobile Diagnostics. Avt. transp. 45 no. 12:53-54 D '67.
- 629.118 Bicycles, motorcycles, scooters
S. I. Korotkin, L. A. Arastev and others. Avt. transp. 46 no. 1:84 Mr '68.
Zolov, L. G., and B. I. Panferov. [Handbook of the motorcyclist] Spravochnik mototsiklista. Moskva, DOSTAAP, 1967. 205 p.
- 629.118(476)—White Russian S. S. R.
Concern of the procurement agents of enterprises. V. Kulik. Mat. tekhn. snabz. 3 no. 4:62-64 Ap '68.
- 629.119 Garage, servicing, repair, salvage equipment
Basic trends in specialization and cooperation between agricultural repair enterprises. V. I. Kozlovskiy. Zap. LSKII 109:145-151 '67.
Efficiency of using mobile or stationary centers for technical maintenance of tractors. I. A. D. Pevzner, L. I. Sogal, A. I. Pontatkyh. Zap. LSKII 109:205-213 '67.
MS92P mixing column. Z. B. Khalilovskiy. Transp. i khim. nefli i nefteprod. no. 4:25-26 '68.
- 629.119(404)—Switzerland
Underground garage in Geneva. L. Aleksandrov. Avt. transp. 45 no. 12:55 D '67.
- 629.12 Shipbuilding. Ships. Boats
Accuracy of calculating the elements of a ship's waterline with cylindrical sections integrated over its length. E. E. Vishnevskiy. Sudostroenie 58 no. 3:10-11 Mr '68.
Allowable deformations of hull structures. I. Gurevich, I. Guntin. Rech. transp. 27 no. 5:24-26 My '68.
Application of acrylic latexes for transparent wood finishing on ships. I. U. K. Malasov, M. Z. Dubrovskiy. Lakokras. mat. i tekhn. prim. no. 2:40-42 '68.
Calculating static characteristics of combined propulsion systems. V. P. Esakov, I. U. Samoilov. Sudostroenie 58 no. 3:40-42 Mr '68.
Composition of the Scientific Technological Society for Shipbuilding. I. N. Ovchinnikov. Sudostroenie 58 no. 3:71 Mr '68.
The exhibition is of interest to everybody. S. Nikanov. Inform. biul. VDNKH no. 1:7-8 Ja '68.
From the history of Soviet shipbuilding torpedo boats. B. V. Nikitin. Mor. sbor. 51 no. 2:53-56 F '68.
Glass-reinforced plastic coating of wooden ships. M. F. Skarov, T. I. Ivanova. Mor. sbor. 51 no. 3:66-67 Mr '68.
Hydraulic estimate of the welding in carbon dioxide in shipbuilding. M. I. Erman, E. E. Rafail, A. G. Popovskiy. Avtom. svar. 21 no. 4:63-67 Ap '68.
Insuring safety during maintenance and repair of electrical systems on board ships. V. K. Baranikov. Mor. sbor. 50 no. 3:73-77 My '67.
Marine electric power plants with waste heat turbo- and shaft generators. E. P. Rudenko. Sudostroenie 58 no. 3:43-45 Mr '68.
Method of drying hardwood lumber. G. M. Balinbaev, G. A. Pellaev, M. I. Shmerkovich. Sudostroenie 58 no. 3:61-63 Mr '68.
Methods of calculating standards for the formation of funds for economic incentives in shipbuilding. A. V. Stetsenko. Sudostroenie 58 no. 3:40-54 Mr '68.
Methods of evaluating the anisotropy of hull materials. V. D. Popov. Sudostroenie 58 no. 3:11-12 Mr '68.
Loading ships in port. M. I. Zhilinskii. Mor. sbor. 50 no. 5:57-62 My '67.
Russian names of ships on the map of the world. Mor. sbor. 50 no. 6:79-80 My '67.
- Russian names of ships on the map of the world. B. G. Mestennikov, K. P. Mikhailov. Mor. sbor. 51 no. 3: 67-69 Mr '68.
Selection of an anticorrosion coating for freezing chambers and for various metal constructions on ships. E. M. Krivolapov. Lakokras. mat. i tekhn. prim. no. 2: 72 '67.
A ship leaves the ways. V. Dem'yanov. Tekh. i voruzh. 26 no. 4:40-41 Ap '68.
Strength of inland navigation vessels used in coastal sea regions. I. U. L. Deltak, F. G. Kandet. Sudostroenie 58 no. 3:3-6 Mr '68.
Toward the creation of a "History of Russian Shipbuilding." Sudostroenie 58 no. 3:71-72 Mr '68.
Using epoxy resins for repairing the material portion of a ship. A. A. Nirotskichev. Mor. sbor. 51 no. 3: 65-66 Mr '68.
Using mathematical methods in the design of ships. A. A. Rodionov, M. S. Trub. Sudostroenie 58 no. 3: 70 Mr '68.
When diesel fuel on a ship is dangerously explosive. A. P. Solovskiy. Mor. sbor. 51 no. 3:63-64 Mr '68.
- 629.12(73)—United States of America
Repairing ships. N. G. Gorkov, M. Tsiporukha. Tekh. i voruzh. 26 no. 5:46-47 Ap '68.
- 629.122 Inland (fresh) water craft
Hydraulic plants model G-43A with a controlled speed of rotation. V. Shchepakov, O. Kozlov. Rech. transp. 27 no. 5:30 My '68.
Leutikov, V. A. [Theory and arrangement of vessels for inland navigation] Teoriya i ustroystvo sudov vnutrennego plovaniia. Lzd. 2-e, pereizdaniye. 1 dop. Moskva, "Transport," 1967. 352 p.
Making use of various kinds of tanker fleets. I. Andreev. Rech. transp. 27 no. 5:11-13 My '68.
- 629.123 Sea or ocean going vessels and ships
Nagid, L. M. [Design of seagoing ships] Proektirovaniye morskikh sudov. Leningrad, "Sudostroenie," 1967. 241 p.
Ch. 2. [Ship stability and its behavior on rough seas] Otslozhitel' sudna i ego povedeniye na vzvolnovannom more. 1967. 241 p.
Purpose of the lift coefficient in the design of seagoing ships on underwater wings. O. U. Tikhonov. Sudostroenie 58 no. 3:7-10 Mr '68.
Zuborov, D. I., and V. M. Ryban. [Ventilation and air conditioning on atomic ships. (Characteristics of design and construction)] Ventilatsiya i konditsionirovaniye vozdukh na atomnykh sudakh. (Osobennosti proektirovaniya i ustroystva). Leningrad, "Sudostroenie," 1968. 338 p.
- 629.124 Special types of vessels or craft
Economic efficiency of repairing trawlers by replacing parts. L. V. Korovin. Trudy LPI no. 289:101-103 '67.
Results of testing a frozen refrigerator plant on the large refrigerated fishing trawler "Gizhga." T. L. Afonina and others. Sudostroenie 58 no. 3:17-21 Mr '68.
- 629.125 Sports and other small craft. Yachts. Boats
Plastic boat "Malysh." I. E. Gushchik. Sudostroenie 58 no. 3:69 Mr '68.
Measure and travel boats made of glass-reinforced plastic with a new hull shape. A. M. Vaganov. Sudostroenie 58 no. 3:60-69 Mr '68.
- 629.127 Submarines. Underwater craft
629.127(73)—United States of America
Construction and testing of submarine vehicles in the United States. G. P. Lisov. Sudostroenie 58 no. 3: 12-16 Mr '68.
- 629.128 Docks. Dockyards
[Catalog and reference book on equipment and devices for mechanizing ship repair operations] Katalog-spravochnik oborudovaniya i priporobleniya dlya mekhanizatsii sudoremontnykh rabot. Moskva, "Transport," Vyp. 2, 1968. 128 p.
Checking bearing bushings made of aluminum alloys during their use. A. Sanov, V. Bat'zakov, N. Galashov. Rech. transp. 27 no. 5:27 My '68.
Prices under new conditions of management. I. Kolol'. Rech. transp. 27 no. 5:22-24 My '68.
Vakharovskiy, G. A., P. F. Kochertavenko, V. F. Buzik. [Modern dock facilities for large and medium ships] Sovremennyye dokovyye sooruzheniya dlya krupnykh i srednykh sudov. Leningrad, "Sudostroenie," 1968. 256 p.
- 629.128(571.63)—Maritime Territory
Methodological principles for determining optimal width of shipyards of ship repair enterprises under complex natural conditions in the coastal area of the Maritime Territory. A. G. Matsvitsin. Sbor. nauch. rab. DVNIS no. 8:22-27 '66.
- 629.129 Salvage of sunken or stranded ships
Salvage equipment. A. Ozol'. Rech. transp. 27 no. 5:49 My '68.
- 629.13 Aeronautical engineering. Aircraft
Aid to the airplane model builder. Kryl. rod. 18 [i.e. 19] no. 1:insert Ja '68.
Aid to the airplane model builder. Kryl. rod. 18 no. 5: insert My '68.
Aid to the airplane model builder. V. P. Tikhonov and others. Kryl. rod. 19 no. 2:insert F '68.
The designer, the airplane, and the time. A. A. Kozlov. Av. i kosm. no. 7:12-16 Ji '68.
Farther and higher than anyone. M. Mel'takha. Kryl. rod. 18 [i.e. 19] no. 1:10 Ja '68.
Foreign aviation and space information. Av. i kosm. no. 7:93-95 Ji '68.
Orlovskiy, Bakhchivandzhil. Kryl. rod. 19 no. 3:17 Mr '68.
Gutovskiy, M. V. [Calculation and design of elements and systems used in aircraft equipment in aviation] Raschet i projektirovaniye elementov i sistem aviatziona-nogo oborudovaniya. Pod red. I. U. A. Popova. Moskva, 1967. 132 p.
Ch. 3. [Emergency conditions and calculation of short-circuit currents in electrical systems of aircraft] Avaryinye rezhimy i raschet tokov korotkogo замыкания elektrosistem letatel'nykh apparatov. 1967. 132 p.
MG-17 flies in a circle. D. Chudinov. Kryl. rod. 19 no. 2:22-23 F '68.
This is interesting to know. Kryl. rod. 18 [i.e. 19] no. 1:32 Ja '68.
"Wings of October." I. A. Cherniavskiy. Kryl. rod. 19 no. 3:18 Mr '68.
- 629.135 Heavier-than-air craft
The An-10A. Kryl. rod. 19 no. 8:insert Ja '68.
The An-22 sets new records. N. Balakin. Kryl. rod. 18 [i.e. 19] no. 1:13 Ja '68.
[Anti-icing systems for aircraft. Principles of design and testing methods] Protivoledezhnoye slazheny letatel'nykh apparatov. Osnovy projektirovaniya i metody ispytaniy. Pod red. R. Kh. Tentaleva. Moskva, "Mashinostroyeniye," 1967. 320 p.
Airborne weight of an airplane generator. D. I. Zaslava. Kh. Elektrotekhnika 39 no. 4:3-6 Ap '67.
The change in jet aircraft. I. A. Vorobeyko. Kryl. rod. 18 [i.e. 19] no. 1:20-27 Ja '68.
The first Soviet aviation parade. N. Semonkevich. Kryl. rod. 19 no. 5:6 Mr '68.
A gift for glider pilots. V. Spivak, A. Kolesnikov, Y. Danilov. Kryl. rod. 19 no. 2:28-27 F '68.
Helicopters gain height. A. Zhalas. Kryl. rod. 19 no. 5:22-23 My '68.
"Isar-67" flexible glider. S. Pilyuta. Kryl. rod. 19 [i.e. 19] no. 1:10 Ja '68.
Microbiology and helicopters. V. Nosleruk. Kryl. rod. 19 no. 2:20 F '68.
Near the thermal barrier. N. Golovanov. Kryl. rod. 18 [i.e. 19] no. 1:8 Ja '68.
Soviet airplanes. Kryl. rod. 18 [i.e. 19] no. 1:28-29 Ja '68.
Soviet airplanes. Kryl. rod. 19 no. 2:28-29 F '68.
Soviet airplanes. Kryl. rod. 19 no. 3:24-25 Ja '68.
Soviet airplanes. Kryl. rod. 19 no. 6:30-31 My '68.
Soviet airplanes. Kryl. rod. 19 no. 8:24-25 Zo '68.
Using helicopters in pipeline location surveying. N. I. Karpenko. Sbor. nauch. rab. DVNIS no. 4:27-28 Ap '67.
- 629.136 Astronautics. Space vehicles and stations. Artificial satellites
Approximate graphic analytical method for the determination of the obliquity of artificial earth satellites. V. A. Krasov, T. I. Ignatov. Biul. sta. opt. nabl. lek. sp. i. Zom. no. 50:24-31 '67.
Atmospheric refraction tables for different altitudes above the earth's surface. V. G. Pesenkov. Biul. sta. opt. nabl. lek. sp. i. Zom. no. 50:3-13 '67.
Calculation of basic parameters for a combined electro-drainage protection. T. R. Duna, V. I. Dmitriev. Nauch. trudy AKKI no. 42:36-60 '66.
Determination of coordinates of observation stations based on synchronous observations of the satellite "Echo-1" observations made in 1963. V. M. Amelin. Biul. sta. opt. nabl. lek. sp. i. Zom. no. 50:44-50 '67.
Determining the correction for the acceleration in the processing of visual observations of artificial earth satellites. I. U. V. Surnin. Biul. sta. opt. nabl. lek. sp. i. Zom. no. 50:34-36 '67.
Effectiveness of tubular radiators of space vehicles equipped with propellers against meteors. I. U. G. Zhurav, M. F. Polupov. Topliza, vya. temp. 5 no. 3:487-492 My-Je '68.
Foreign aviation and space information. Av. i kosm. no. 7:93-95 Ji '68.
Heat-resistant materials. Sh. Korovskiy. Av. i kosm. no. 7:64-67 Ji '68.
Investigating the accuracy of determination of spatial coordinates by various methods with the use of electronic digital computers. N. T. Gaidamaka, V. A. Melnikov. Biul. sta. opt. nabl. lek. sp. i. Zom. no. 50:14-21 '67.
Lebedev, V. N. [Calculating the motion of a space vehicle with low (tractive force) Raschet dvizheniya kosmicheskogo apparata s maloi itagoi. Moskva, 1965. 108 p. (Matem. metody kosmich. apparatov. Vyp. 6).
Measurements of absorbed radiation doses during space-flight flights. B. M. Makludov. Vost. Mosk. un. Ser. 3: Fiz., astron. 23 no. 2:11-16 Mr-Apr '68.

629.19 (Continued)

Multiple marking during satellite observation with a zenith telescope. V. A. Morkushov. *Izv. vuz. opt. i opt. tekhn.* 1967, no. 50:38-41 '67.

Peculiarities of outer space. D. Izakov. *Nov. vrom.* 22 no. 34:12-13 Ag '68.

Printing recording device for the identification of observations of artificial earth satellites. V. I. Kuryshov, B. V. Kosteglov. *Izv. vuz. opt. i opt. tekhn.* 1967, no. 50:38-41 '67.

Problems of space toxicology. V. V. Kustov, I. A. Tikhonov. *Izv. AN SSSR. Ser. biol.* no. 4:605-600 Ji-Ag '68.

Processing of the observations of artificial earth satellites on an electronic computer. M. I. U. Chertak. *Izv. vuz. opt. i opt. tekhn.* 1967, no. 50:22-23 '67.

Satellite observation based on the INTEROBS program. B. A. Fitrage. *Izv. vuz. opt. i opt. tekhn.* 1967, no. 50:22-23 '67.

Space changes its orbit. T. Borisov. *Kryl. rod.* 10 [i.e. 19] no. 1:24-25 Ja '68.

Studying the passivation of titanium in a 5 n. sulfuric acid with and without the addition of oxidizing-type inhibitors. A. P. Brynza, V. P. Fedash, V. I. Saintkova. *Zashch. met.* 4 no. 2:180-182 Mr-Apr '68.

Synopsis on sterilization of tools and materials in relation to space studies. A. I. Iamshchikov. *Mikrobiologiya* 37 no. 3:560-508 My-Je '68.

Systems of space vehicles. M. Zaitsev. *Av. i kosm.* 7 no. 59:62 Ji '68.

The Tenth International Colloquy on Space Law. V. S. Vetschagin, G. P. Zhukov. *Sov. gos. i prav. no. 6:* 142-143 Je '68.

A turbine for Soviet aviators; "Aviatsiya i kosmonavtika" is 50 years old. *Kryl. rod.* 10 no. 9:11 Je '68.

626.19(73)—United States of America

Second generation of space apes. G. Kozlov. *Av. i kosm.* no. 7:01-02 Ji '68.

63 AGRICULTURE, FORESTRY, STOCKBREEDING, ANIMAL PRODUCE, HUNTING, FISHERIES

Agricultural entomology in the U.S.S.R. E. M. Slumakov. *Ent. obozr.* 47 no. 2:261-270 '68.

From requisitioning grain by force to contractual agreement. A. P. Ivanov. *Zakup. sel'khoz. prod.* no. 12:6-8 D '67.

Kul'skoye sel'skokhoziaistvennyy institut. [Transcripts of a Scientific Conference. (Reports of post-graduate)] Trudy Nauchnoy konferentsii. (Sbornik dokladov aspirantov). Kishinov, "Kartia moldovovodstva," 1967, 300 p.

Role of the Soviet consumer's cooperative in developing the procurement of agricultural products and raw materials. O. Blank. *Zakup. sel'khoz. prod.* no. 1:22-25 Ja '68.

Etching business accounting in consumer's cooperative procurement. A. Zavrzhnykh. *Zakup. sel'khoz. prod.* no. 12:18-20 D '67.

Use of isotopes and radiations in agricultural research [Ispol'zovanie izotopov i izlucheniya v issledovaniyakh po sel'skomu khoziaistvu. Pod obshch. red. S. V. Nerpina. Moskva, "Kolos," 1967, 263 p. (Agregat. much. - tested in-1). Natch. irod.]

63(177)—Underdeveloped and underdeveloped areas

Role of agriculture in the expanded reproduction of the developing countries. A. I. Ihinder. *Vest. LGU* 23 no. 5:35-42 Mr '68.

63(471.328)—Mordvin A. S. S. R.

An untold effort. I. Kargin. *Zakup. sel'khoz. prod.* no. 12:41 D '67.

63(471.344)—Chuvash A. S. S. R.

Enterprises of the purchasing agents. N. Shashurin. *Sov. poireb. koop.* 12 no. 2:30-31 F '68.

63(471.62)—Bashkir A. S. S. R.

Efficiency of the production and procurement of agricultural products in Bashkiria. N. Arslanov. *Zakup. sel'khoz. prod.* no. 3:10-20 Mr '68.

63(471.63)—Stavropol Territory

Price, procurement, and profitability. V. Korsholev. *Zakup. sel'khoz. prod.* no. 12:21-23 D '67.

63(471.66)—Chechen-Ingush A. S. S. R.

More about quality. Kh. Makhitov. *Zakup. sel'khoz. prod.* no. 4:10-41 Ap '68.

63(477)—Ukrainian S. S. R.

We shall expand the attained accomplishments. N. Shumovskii. *Komm. Ukr.* 42 no. 6:41-50 Je '68.

63(571.11)—Kurgan Province

For further improvement of state deliveries. A. Solovov. *Zakup. sel'khoz. prod.* no. 12:3 D '67.

63(571.13)—Omsk Province

Istomin, N. K. [Material and moral incentives on collective and state farms] Material'no i moral'no stimulyrovaniye v sovkhozakh i kolkhozakh. [Moskva] Profizdat, 1968, 48 p. (B-chka sel. profsotuznogo aktivista. 6 (102)).

63(574)—Kazakh S. S. R.

Activity of party organizations of Kazakhstan to increase the role of rural intelligentsia in the propagation of agroecological knowledge among rural workers, 1953-1958. P. P. Topshinov, S. T. Tusupov. *Trudy Sotnial. nauch. inst.* 4:74-79 '66.

Some problems of developing agricultural production. V. I. Galtarov. *Probl. sov. ekon. Kazakh.* no. 3:223-230 '67.

Utilizing natural resources of Kyzyl-Orda Province in the national economy. V. M. Borovskii, M. S. Vasil'eva. *Probl. sov. ekon. Kazakh.* no. 3:240-251 '67.

63(575.1)—Uzbek S. S. R.

Fulfillment of contractual agreements is a guarantee of success. *Zakup. sel'khoz. prod.* no. 4:6-9 Ap '68.

631 Agronomy

631(574)—Kazakh S. S. R.

New system of agriculture in the grain regions of Kazakhstan. A. Butayev. *Inform. bul. VDSKH* no. 1:20-22 Ja '68.

631.1 Farm management

[Finance and taxation of collective agricultural enterprises] Finansy i kreditirovaniye sel'skokhoziaistvennykh predpriyatiy. Pod red. M. K. Sivoneneva. Moskva, "Kolos," 1968, 416 p. (Uchebnoy i ucheb. posobie dlya s.-kh. tekhnikumov).

The reform and developing business accounting relations in agriculture. A. Imel'chenov. *Vop. ekon.* no. 5:47-57 My '68.

631.1(471.321)—Orel Province

Role of intellectual work in farming: based on the materials of Krasnodar Territory and Orel Province. V. N. Kishynov. *Uch. zap. Orel. gos. ped. inst.* 37:158-164 '67.

631.1(471.325)—Polgograd Province

Beef is the main commodity production of a collective farm. G. Komashnikov. *Zakup. sel'khoz. prod.* no. 3:28-29 Mr '68.

631.1(471.62)—Krasnodar Territory

Role of intellectual work in farming: based on the materials of Krasnodar Territory and Orel Province. V. N. Kishynov. *Uch. zap. Orel. gos. ped. inst.* 37:158-164 '67.

631.1(471.63)—Stavropol Territory

Price, procurement, and profitability. V. Korsholev. *Zakup. sel'khoz. prod.* no. 12:21-23 D '67.

631.1(477)—Ukrainian S. S. R.

From the editor's mail. *Ekon. Rad. Ukr.* 10 no. 5:67-69 My '68.

631.1(470.24)—Azerbaijan S. S. R.

Alakperov, A. G. [Practice in introducing business accounting] Opyt vnedreniya khozrascheta. [Moskva] Profizdat, 1966, 43 p. (Biblioteka sel'skogo profsotuznogo aktivista. No. 13101).

631.1(575.1)—Uzbek S. S. R.

Correct planning is the basis of success. F. Kabachkov. *Ekon. i zhizn'* 10 no. 4:73-78 Ap '68.

60 centners from a hectare. K. Tikhonov. *Ekon. i zhizn'* 10 no. 3:76-78 Mr '68.

Strengthen the cooperation of scientists and farmers. *Ekon. i zhizn'* 10 no. 4:83-84 Ap '68.

631.2 Farmsteads, farms

Mobile labor forces for rural construction. *Izv. stroit. tekhn.* 20 no. 1:10 Ja '67.

Territory and the concentration of means. V. Denisov, R. Borchilov. *Ekon. stroit.* 10 no. 6:52-54 Je '68.

Using electronic computers in designing structural elements for rural buildings. V. M. Belikov, V. K. Fink. *Bel. i zhel.-bet.* 14 no. 3:32-33 Mr '68.

631.3 Agricultural implements, machinery. Farm mechanization. Agrotechnical evaluation of reel-type sowing devices in the sowing of vegetable seeds. V. M. Ponomarev. *Trudy VIM* 40:120-141 '68.

Akhimov, R. D., I. M. Grinchev, and V. K. Zhurkin. [Machines for grass seed production. Design and construction] Mashiny dlya sennovodstva trav. Konstruktsiya i razrab. Moskva, "Mashinostroitel," 1968, 171 p.

Analysis of some parameters of the stalk lifter of the Zhit-3.5 reaper. G. D. Myl'kov. *Trudy VIM* 40:201-216 '68.

Basic trends in specialization and cooperation between agricultural enterprises. V. I. Kazantsev. *Zap. LSKH* 109:145-151 '67.

Brush control techniques without bank information. V. Skurdenis. *Gid. i mel.* 20 no. 5:78-85 My '68.

Business accounting in farm procurement. I. Kaplink. *Mat.-tekhn. snabzhen.* 3 no. 5:42-47 My '68.

Characteristics of the economy and hauling properties of the "Bolgar-12" tractor. N. P. Kallikov, A. Atanasov, U. F. Khimlin. *Zap. LSKH* 108:41-47 '67.

Conference of workers of enterprises. I. Belavan.

Max. -trsh. snabzhen. 3 no. 4:60-61 Ap '68.

Determination of the optimal assembly of tractor trailers of various load-carrying capacities. L. F. Normakov. *Trudy VIM* 40:79-84 '66.

Effect of drawbar loading on the rectilinearly of the movement of a tractor. U. I. Kurnatov. *Trudy VIM* 40:5-17 '66.

Effect of moment speed on the efficiency of a tractor assembly. I. E. Ageev. *Zap. LSKH* 109:48-51 '67.

Effect of the microprofile of the field on the resistance to the movement of a disk furrow operator in the soil. A. M. Shirayev. *Zap. LSKH* 109:106-114 '67.

Effect of the rotation speed of the working organs of a corn sheller on different indices of damp corn shelling. A. D. Klimovskii. *Trudy VIM* 40:56-60-60 '66.

Effect of vibration on grain quality. M. K. Shirov. *Trudy VIM* 40:240-246 '66.

Effect of vibration on the formation of arches by mineral fertilizers. V. A. Skol'nikov, A. S. Bolko. *Khim. v sel'khoz.* 8 no. 6:19-22 Je '68.

Elements of the theory of a central fertilizer spreading device with a horizontal axis of rotation. G. M. Rekrutskii. *Trudy VIM* 40:132-153 '66.

Evaluation of the stability of a four-wheel system. V. K. Khoshchenkov. *Trudy VIM* 40:102-108 '66.

Exploitation of using mobile or stationary centers for technical maintenance of tractors. A. D. Pevzner, I. B. Segol, A. I. Ponomarev. *Zap. LSKH* 109:203-213 '67.

Experimental construction of granaries. A. Prokhorov. *Zakup. sel'khoz. prod.* no. 4:43-44 Ap '68.

For fields and farms. *Izobry. i razr.* no. 11:40 '67.

Grain elevators in the U.S.S.R. E. Kluvaev, E. Chlorkasakii. *Zakup. sel'khoz. prod.* no. 3:5-7 Mr '68.

Improved mathematical model of the process of starting and acceleration of a machine tractor assembly. M. N. Salimov. *Trudy VIM* 40:95-101 '68.

Improving the properties of lubricating oils for tractors and agricultural machines. V. I. Kazantsev, V. S. Denichonko, G. M. Shishkin. *Zap. LSKH* 109:162-159 '67.

Let us improve the forms of supplying the agricultural enterprises with materials and machinery. A. Pervushin. *Sov. tekhn.* 10 no. 3:4 My '68.

Lyubimov, A. M., P. A. Pak, and M. A. Mubhammedzhanov. [Machinery for complex mechanization of cotton growing] Mashiny dlya kompleksnoi mekhanizatsii khlopkovodstva. Moskva, "Vysch. shkola," 1967, 270 p.

Machines for fields and farms. *Inform. bul. VDSKH* no. 1:26 Ja '68.

Machines for the removal of stones. K. I. Prokhorashenok. *V. sh. i. inzh. i mel.* 20 no. 1:15-16 Ja '68.

Method to compute mechanical compensators of a continuous production line. V. M. Ianko. *Trudy VIM* 40:259-264 '66.

Methods of connecting plows to tractors and energy supplies of the plowing assembly. R. S. Mitkev. *Trudy VIM* 40:10-37 '68.

Mikhalovskii, N. M., and A. N. Martynov. [New XT-1, 2 cotton harvesting machine. (Operation and technical maintenance)] Novaya khlopkovobornaya mashina XT-1, 2. (Eksploataatsiya i tekhn. obsluzhivaniye). Tashkent, "Uzbekistan," 1967, 133 p.

Operational schedule of the SK-3 and SK-4 propelled grain harvesting combines. S. A. Ioffov, A. G. Elin. *Zap. LSKH* 109:31-35 '67.

Possibilities of determining the indicator and efficiency indices of a tractor diesel engine on the basis of measurements under various conditions. I. S. Zidomovskii, P. P. Vyshchinskoy. *Zap. LSKH* 108:130-137 '67.

[Problems of the mechanization of agriculture] Voprosy mekhanizatsii sel'skogo khoziaistva. Tashkent, "Fan," 1966, 173 p.

Reliability study of the T-48 tractors. N. A. Rudakov. *Trudy Khim. sel'khoz. inst.* 53:113-115 '67.

Safety manual for work involving the use of machinery in cultivating and harvesting corn. Paminaka po tekhnike bezopasnosti pri rabote na mashinakh po vozleyvaniyu uborko kukurytzy. Moskva, Rossel'khozizdat, 1967, 12 p. (Paminaka po tekhnike bezopasnosti).

[Safety manual for work involving the use of machinery for cultivating and harvesting linx] Paminaka po tekhnike bezopasnosti pri rabote na mashinakh po vozleyvaniyu uborko linx. Moskva, Rossel'khozizdat, 1967, 13 p. (Paminaka po tekhnike bezopasnosti).

Statistical modeling of continuous production lines. V. P. Eliseev. *Trudy VIM* 40:321-331 '66.

Study of the active working organs of cultivators. S. M. Vasil'kovskii. *Trudy VIM* 40:176-184 '66.

Study of the dynamics of grain harvesting combines. I. A. Zolotare. *Trudy VIM* 40:277-291 '66.

Study of the energy indices of the SK-4 self-propelled grain harvesting combine with the aid of the TO-4M tensiometric oscillograph. V. V. Miroslavchenko, O. N. Abakumov. *Zap. LSKH* 109:116-124 '67.

Study of the introduction of material into a horizontal pneumatic conveyor. I. A. Kuz'min. *Trudy VIM* 40:217-224 '66.

Study of the technology and working organs of machines for harvesting peas by picking. A. T. Kovalov. *Trudy VIM* 40:292-320 '66.

Study of the work of the cutting apparatus of a harvesting assembly at increased speeds. A. V. Eremin. *Trudy VIM* 40:105-105 '66.

System of summary calculation of mechanized work. S. A. Ioffov, V. M. Shupovitskii. *Zap. LSKH* 109:16-21 '67.

Theoretical and experimental basis for the optimum parameters of a P-shaped self-propelled scraper feeder with rotating peels. G. I. Shinkov. *Trudy VIM* 40:156-175 '66.

Tractor engine load indicator. I. P. Loman, G. B. Chinnetski. *Zap. LSKH* 109:67-71 '67.

Vochera, N. D. [Use of electric power in agriculture] Primeneniye elektricheskoy energii v khoziaistvo. Moskva, "Kolos," 1966, 87 p.

631.52(471.62)—Krasnodar Territory
Introduction of *Solanum laetissimum* Ait. in the Krasnodar Territory. M. P. Karakoz, *Russ. res.* 4 no. 2:205-211 '65.

631.52(474.3)—Latvian S.S.R.
Five-day workweek for animal breeders. V. Zarhush, *Inform. biol. VDKU* no. 1:23-24 Ja '68.

631.52(477)—Ukrainian S.S.R.
Effect of soil moisture and mineral nutrition on sexualization of tassels of three-line corn hybrid Dneprovskii 98 and its parental forms. I. S. Zdanovskii, G. Kh. Molotkovskii, *Fiziol. rast.* 15 no. 4:674-679, 11-Ag '68.

631.52(478)—Moldavian S.S.R.
Introduction of *Daucus carota* L. geraniol-containing plants in Moldavia. G. V. Pigulevskii, V. I. Kavaleva, G. I. Vecherluk, *Russ. res.* 4 no. 2:178-183 '68.

631.52(479.24)—Azerbaijani S.S.R.
Present state and future development of research in the field of genetics and selection of perennial plants in Azerbaijan. I. K. Abdullin, *Izv. AN Azerb. SSR. Ser. Biol. nauk* no. 3/4:6-15 '67.
Study of wheat selection and genetics in Azerbaijan. I. D. Mustafayev, *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 3/4:16-32 '67.

631.6 Rural engineering
Bread crumb techniques without bank information. V. Sverdlov, *Gidrol. mel.* 20 no. 5:76-75 May '68.
Calculations on high mounds. Gidrol. mel. 20 no. 5:125-126 May '68.
From the work experience of the Scientific Scientific Institute of Hydraulic Engineering and Reclamation. N. F. Lashov, *Gidrol. mel.* 20 no. 5:76-75 May '68.

[Land reclamation in the U.S.S.R. during 50 years]
Molodtsova v SSSR za 50 let. Moskva, "Kolos," 1967. 299 p.
Machine for manufacturing large diameter epistyl-wound polyethylene pipes. I. V. Berezinskii, *Gidrol. mel.* 20 no. 5:76-75 May '68.

[Mechanization of draining and reclamation of new lands]
Mekhanizatsiia osusheniia i oboenitiia novykh zemel', Minsk, "Urodin", 1968. 100 p.
Reliability of automatic irrigation system regulators. V. V. Sidorov, *Fiziol. mel.* 20 no. 5:12-22 May '68.

631.0(571)—Akkite R. S. F. S. R.
Effect of lucerne on the land reclamation conditions of heavily reclaimed heavily saline lands of the Gobi-Sayano Steppe. I. A. Likhitsa, K. A. Akhmedov, *Trudy Soluz. NIKH* no. 14:143-152 '66.
Effect of manure on the land reclamation conditions of the soils of the Gobi-Sayano Steppe. I. A. Likhitsa, K. A. Akhmedov, *Trudy Soluz. NIKH* no. 14:153-157 '66.

631.0(575.1)—Uzbek S. S. R.
From the history of the struggle of the Communist Party of Uzbekistan in developing irrigational and ameliorative construction as a determining factor in the progress of cotton growing. I. U. I. Buragimov, Nanch. Itly TashGU no. 3:154-164 '67.
Land reclamation properties of some fertilizers used for saline soils. K. A. Davit, *Trudy Soluz. NIKH* no. 14:158-163 '66.

631.6 Fertilizers. Manuring
All-Union conference (seminar) of group leaders on analysis of fodder and plants of zonal agrochemical laboratories. G. I. Feslov, *Khim. v sel'khoz.* 6 no. 6:77-78 Ja '68.
[Brief results of a zonal study on the effectiveness of fertilizers in the geographical network of tests...]
Kratkie itogi zonal'nogo issledovaniia effektivnosti ispol'zovaniia v geograficheskoi seti opytov... Mskava, "Kolos," Vyp. 2, [...1963-1964]...1963-1964 gg. 1967. 100 p.
Centralized delivery of fertilizers. I. Polianskii, *Nat. tekhn. nauch.* 3 no. 5:36-41 May '68.
Doses and periods of application of liquid and concentrated nitrogenous fertilizers in cotton plants. R. K. Guseinov, F. G. Akhmedov, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:48-54 '67.
Effect of accompanying ions on magnesium intake in sugar beets. A. G. Trechelov, P. A. Larin, A. G. Rybalchenko, *Khim. v sel'khoz.* 6 no. 6:8-9 Je '68.
Effect of growth stimulants of petroleum origin on physiological processes under conditions of varying salinization. R. G. Andieva, *Dokl. AN Azerb. SSR* 23 no. 11:40-42 '67.
Effect of iodine-containing associated trace element fertilizers on the harvest and quality of sugar beets. Sh. N. Kuliev, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:109-165 '67.
Effect of irrigation and fertilization on the biochemical and physical properties of some soils of Azerbaijan. M. A. K. Khasanov, *Trudy VNIIZ* no. 56:142-143 '65.
Effect of long term usage of fertilizers on soil fertility. Harvest and green tea leaf quality. R. K. Guseinov, A. T. Mirzalan, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:8-25 '67.
Effect of magnesium fertilizers under various meteorological conditions. P. A. Larin, *Khim. v sel'khoz.* 6 no. 6:2-6 Je '68.
Effect of manure on the land reclamation conditions of the soils of the Gobi-Sayano Steppe. F. A. Likhitsa, K. A. Akhmedov, *Trudy Soluz. NIKH* no. 14:153-157 '66.

Effect of mineral supplements on the growth of pines in wind erosion hollows. S. A. Kazandev, *Izv. vys. ucheb. zav. i res. zhur.* 11 no. 1:163-164 '68.

Effect of the use of manganese in combination with greenman and hexachloron on the yield and sugar content of sugar beet roots. A. T. Gladkov, I. P. Rudits, *Khim. v sel'khoz.* 6 no. 6:15-17 Je '68.

Effect of vibration on the formation of arches by mineral fertilizers. V. A. Skol'zov, A. S. Butko, *Khim. v sel'khoz.* 6 no. 6:19-22 Je '68.

Experiments on the effect of mineral foliar feeding on the growth of chestnut, green ash, and black pine seedlings. A. K. Charehshchii, *Trudy Tbil. inst. lesa* 16:158-202 '67.

Explanation of the mechanism of the uptake of mineral nutrients in plant roots. M. G. Abutov, A. A. Mardanov, *Izv. AN Azerb. SSR. Ser. biol. nauk* no. 3/4:33-48 '67.

Method of determining assimilable phosphorus in mineral fertilizers in a glacial acetic acid medium. V. A. Dork, K. S. Salnikova, *Khim. v sel'khoz.* 6 no. 6:85-88 Je '68.

Methodology for calculating fluid-bed granulating towers for nitrogen fertilizers. E. A. Kazakova, *Khim. prom.* 44 no. 8:37-43 Je '68.

Microfertilizers. I. V. Pivov, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* no. 6:32-38 '68.

Obtaining granulated nitrogen fertilizers in fluid-bed towers. E. A. Kazakova and others, *Khim. prom.* 44 no. 8:53-58 Je '68.

Oxidation of the ligands by nitric acid with the production of nitrogenous fertilizers. S. V. Ganz, I. E. Kuznetsov, N. I. Pohl'skii, *Khim. tekhn.* no. 0:65-66 '67.

Production of mixed fertilizers abroad. T. P. Ustianina, *Khim. v sel'khoz.* 6 no. 6:31-36 Je '68.

Reverse-rate granulators. S. I. Klokholov, A. P. Golovko, I. A. Shumovskii, *Khim. prom. Ukr.* no. 2:43 Ja-F (i.e. Mr-Apr) '68.

[Soil science and agrochemistry] *Rel. zhur. i pochev. i agrokhim.* no. 6 Je '68.

Testing a pilot plant for obtaining granulated nitrogen-phosphorus-potassium fertilizer in a fluid bed. N. A. Shakhova and others, *Khim. prom.* 44 no. 6:46-48 Je '68.

Treatment of perennial legume grass seeds before sowing with trace element fertilizers. V. I. Zharinov, *Khim. v sel'khoz.* 6 no. 6:17-19 Je '68.

631.0(471.44)—Saratov Province
Use of molybdenum and boron in pea cultivation in ordinary Chernozem soil in Saratov Province. G. N. Popov, *Khim. v sel'khoz.* 6 no. 6:10-15 Je '68.

631.6(479.24)—Azerbaijani S.S.R.
Changes in complex and concentrated nitrogenous phosphorus fertilizers in the Steppes-Draught soil of the Apsheron Peninsula. V. A. Dzhahirova, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:55-71 '67.
Changes in the form of phosphorus fertilizers in the Grey-Brown forest soils of the Kuban-Khachma zone. M. G. Dzhahirova, M. G. Sakhkova, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:33-39 '67.
Content of nitrogenous compounds and the quality of the soil in relation to the conditions of nutrition. T. K. Badzhabova, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:102-107 '67.
Effectiveness of potassium fertilizers on vegetable cultures in the Apsheron Peninsula. M. G. Dzhahirova, A. I. Guseinov, *Trudy Inst. pochev. i agrokhim. AN Azerb. SSR* 15:60-62 '67.
Optimum distribution of mineral fertilizer warehouses in the Azerbaijan S.S.R. Sh. A. Samadov-Zade, F. A. Khasanov, *Za tekhn. prog.* 8 no. 1:47-49 Ja '68.

631.0(575.1)—Uzbek S. S. R.
Land reclamation properties of some fertilizers used for saline soils. K. A. Kavit, *Trudy Soluz. NIKH* no. 14:158-163 '66.
Troubles of a plant. V. Veltinskii, A. Mikhailov, *Uchen. izhizn.* 19 no. 3:12-13 Kr '68.

631.6 Agricultural influences, ecology, etc.
Effect of magnesium fertilizers under various meteorological conditions. P. A. Larin, *Khim. v sel'khoz.* 6 no. 6:2-6 Je '68.
Role of the temperature factor in the interruption of seed dormancy in dogwoods. V. G. Rudin, *Izv. vys. ucheb. zav. i res. zhur.* 11 no. 1:167 '68.

631.0(471.22)—Kazakhstan A. S. S. R.
Effect of climate on the chemical composition of some legumes. M. P. Miranova, T. I. Andreeva, *Kaz. zap. Pechozov. gos. un.* 10 no. 3:188-193 '68.

632 Crop damage and protection
Athalta rosea (L.) as a weed killer. B. N. Vorzhutskii, *Izv. SO AN SSSR* no. 10 Ser. biol. med. nauk, no. 2:112-117 Ag '67.
Changes in physiological processes in senescent infected with white rot. P. V. Polakov, *Fiziol. rast.* 15 no. 4:716-717 Ji-Ag '68.
Club root of cabbage (*Plasmodiophora brassicae* Wor.) in an aquatic culture. V. V. Mazin, E. P. Protchenko, *Mik. i Bion.* 1 no. 2:169-172 '67.
Drought resistance of winter wheat as related to its amino acid composition. D. F. Prodanov, I. G. Shumakov, E. A. Kabanov, *Fiziol. rast.* 15 no. 4:680-687 Ji-Ag '68.
Entomophilic pathogens of *Acyrtosiphon* plant Katt. E. G. Voronina, *Mik. i fitopat.* 2 no. 3:260-261 '68.

Large resources in the U.S.S.R. Report No. 1. Regions of stable epiphytotic of the fungus, distribution of alkaloid species, future supply of natural prod. N. I. Ostrovskii, A. N. Bakhovskaya, A. I. Stalovskii, *Ist. res.* 4 no. 2:152-174 '68.

Factors determining the dynamics of the epiphytotic of snow blight. V. G. Akayev, *Izv. vys. ucheb. zav. i res. zhur.* 11 no. 1:165-166 '68.

First All-Union Conference on Root Rot of Grain Cereals. V. B. Vasin, *Mik. i fitopat.* 2 no. 3:214-262 '68.

Flax injury by *Metoderomyces niarum* (Corm.) in the Ukraine. D. D. Sigareva, *Vest. zool.* 2 no. 2:82-83 Mr-Apr '68.

Forecasting the duration of incubation period of *Phytophthora infestans* (Mont.) D. By. Guzmanova, G. G. Filippova, *Mik. i fitopat.* 2 no. 3:254-255 '68.

Intraspecific heterogeneity of *Macrosorium solani* Mill. et Mart., a causative agent of early blight, spot in potatoes. Z. I. Kozarova, V. G. Ivanovskii, *Mik. i fitopat.* 2 no. 3:202-209 '68.

Long-term forecasting of apple scab caused by *Venturia inaequalis* (Cke.) Wint. under different ecologic conditions. A. A. Shifman, *Mik. i fitopat.* 2 no. 3:228-232 '68.

Means for preventing premature desiccation of stone fruit trees. S. M. Ivanov, *Fiziol. rast.* 15 no. 4:725-732 Ji-Ag '68.

New data on sclerotial diseases of tulips. I. P. Prodanov, *Mik. i fitopat.* 2 no. 3:252-253 '68.

Physiological variability of entomopathogenic fungus *Beauveria bassiana* (Hals.) Vahl., induced by physical and chemical mutagens. I. V. Khasanova, *Mik. i fitopat.* 2 no. 3:183-193 '68.

Relationship between the causative agents of Verticillium wilt of plants and actinomycetes. E. N. Ezruch, *Mik. i fitopat.* 2 no. 3:184-189 '67.

Study of the developmental process in the microscopical form of *Verticillium dahliae* Klob. a causative agent of cotton wilt. E. A. Bondarova, *Mik. i fitopat.* 2 no. 3:173-179 '68.

Taxonomy of some phytopathogenic species of the genus *Verticillium* in the U.S.S.R. T. I. Nikobeva, T. A. Davydina, *Mik. i fitopat.* 1 no. 2:173-178 '67.

632(471.22)—Kazakhstan A. S. S. R.
Methods of studying the frost resistance of potato haulms. S. N. Drazdov, N. P. Iul'yukina, *Uchen. zap. Pechozov. gos. un.* 14 no. 3:162-166 '68.
Sceptibility of soils of potato to rust (*Uromyces*) spot in different soil temperatures. T. A. Bakhova, T. I. U. Kozarova, *Ist. zap. Pechozov. gos. un.* 14 no. 3:153-155 '68.

632(471.5)—Lithuanian S. S. R.
Fusarium disease of pulse crop in Lithuania. Report No. 3: Basic forms of fusarium disease of lupine and its distribution. I. Saltenis, *Trudy AN Lit. SSR. Ser. V* no. 3:23-27 '67.

632(571.15)—Altai Territory
Purple spot disease of raspberry caused by *Didymella applanata* (Nees) Sacc. in Altai Territory. A. N. Kalinichuk, *Mik. i fitopat.* 2 no. 3:220-223 '68.

632(571.61)—Krasnoyarsk Territory
Biological role of predeceases in suppressing root rot of spring wheat. A. V. Mulkova, *Mik. i fitopat.* 2 no. 3:223-227 '68.

632(575.3)—Tajik S. S. R.
Almond mycorrhiza from Tajikistan. O. P. Mazur, *Mik. i fitopat.* 1 no. 2:146-151 '67.
Inoculation of rice (*Oryza sativa*) with *Trichoderma reesei*, the parasitoid of important agricultural pests of Tajikistan. I. S. Mikhlin, *Izv. Gid. biol. nauk AN Tadzh. SSR* no. 1:69-74 '68.

632.95 Crop protection. Pest control
All-Union coordinating conference on the protection of farm crops from pests, diseases and weeds. N. N. Motnikov, *Khim. v sel'khoz.* 6 no. 6:78 Je '68.
Basic prerequisites for the theory of plant protection against pests. I. A. Polakov, *Ent. obozr.* 47 no. 2:343-361 '68.
Effect of sodium trichloroacetate and delapone on some physiological processes and growth of sugar beet. I. I. Koutenko, *Khim. prom. Ukr.* no. 2:44-46 Ja-F (i.e. Mr-Apr) '68.
How to protect potatoes from premature sprouting. S. Gusev, *Zakup. sel'khoz. prom.* no. 12:52-53 D '67.
Study of antifungal properties of 8-oxyquinoline tartrate. M. N. Rumyantsev and others, *Mikrobiologiya* 37 no. 3:468-470 My-Je '68.

632.95 Pesticides and control chemicals
Aftereffect of herbicides on crop weed levels, yield and technological qualities of winter wheat seed. I. A. Duka, *Khim. v sel'khoz.* 6 no. 6:36-40 Je '68.
Atrazine effect on the biological activity and microflora of forest soils. M. I. Prozorova, *Izv. SO AN SSSR* no. 10 Ser. biol. med. nauk, no. 2:32-35 Ag '67.
Change in the succinic dehydrogenase activity in housefly following poisoning with chlorophos and gamma hexachloran. A. V. Kovalenko, T. I. Kazakova, *Izv. SO AN SSSR* no. 10 Ser. biol. med. nauk, no. 2:118-122 Ag '67.
Cross resistance of spider mites to acaricides. I. V. Zil'boim, I. U. N. Fadeev, I. M. Zhuravlova, *Khim. v sel'khoz.* 6 no. 6:23-26 Je '68.
Degree of spider mite resistance to methylmercaptaphos. G. M. Zaitudinova, L. A. Sitvuchkina, *Khim. v sel'khoz.* 6 no. 6:27-28 Je '68.

boya, Trudy Inal. pochv. i agrokhim. AN Azerb. SSR
15:102-107 '87.

2198

the connective tissue and high-quality meat for it. Volodina. Zakup. sel'khoz. prod. no. 4-68.

6, 08(471, 42)—Ulyanovsk Province
"Istok." Its work and concerns. S. Gavrilov. Zakup. sel'khoz. prod. no. 3:14-16 Mr '68.

6, 06(471, 63)—Stavropol Territory
and excellent quality. V. Olofinik. Zakup. sel'khoz. prod. no. 1:26-28 Jan '68.

6, 08(477)—Ukrainian S. S. R.
mixed feeds manufactured in the Ukraine. A. Koshchuk. Zakup. sel'khoz. prod. no. 1:34-36 Mr '68.

6, 08(470, 22)—Georgian S. S. R.
size of grass and significance of pasturage of the mountain for cattle of Georgia. K. V. Liganov. Istok. 16:170-170 '67.

6, 08(470, 24)—Azerbaijan S. S. R.
results and immediate tasks in studying the effectiveness of methods and means of M. A. Musayev. Izv. AN Azerb. SSR Ser. 1, no. 3:4-6 Mr '67.

6, 08(571, 12)—Tyumen' Province
control in the fattening of bull calves. A. Koshchuk. Zakup. sel'khoz. prod. no. 12:32-33 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

Objective evaluation of the quality of swine. N. Kuritsyn. Zakup. sel'khoz. prod. no. 4:12-14 Apr '68.

636, 4(474, 2)—Estonian S. S. R.
Estonian bacon. H. Ilva. Zakup. sel'khoz. prod. no. 1:8-9 Jan '68.

636, 4(474, 2)—Estonian S. S. R.
Estonian bacon. H. Ilva. Zakup. sel'khoz. prod. no. 1:8-9 Jan '68.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

636, 5(471, 22)—Karelian A. S. S. R.
Feed composition of domestic ducks during pasturage on Karelian lakes. V. D. Lopatin. Istok. zap. Petrozav. gos. un. 14 no. 3:79-85 '66.

ry in Azerbaijan. M. A. Rustamov, S. I. Ivanov. Za tekhn. prog. 8 no. 4:42-44 Apr '68.

Effect of drying by sublimation on changes of muscle tissue properties in fish. N. A. Voskresenskiy. Trudy VNRO 40:5-20 '68.

Effect of increased doses of yeast culture No. 304 on the spoilage resistance of mass-produced butter to storage. Characteristics of mass-produced butter. G. I. Blot, G. G. Blok. Trudy VMI no. 4:77-82 '66.

Effect of the degree of milk cooling after milking and of the storage conditions on its technological properties. M. I. Shubin. Trudy VMI no. 4:55-75 '66.

General mechanization and automation of dispatch work. A. Lapsin and others. Mias. ind. SSSR 39 no. 3:7-11 Mr '68.

Improving the quality of procured milk. A. Ljubavskiy. Zakup. sel'khoz. prod. no. 1:6-7 Jan '68.

Increasing the stability of butter in storage. O. G. Kozlov. Trudy VMI no. 4:93-101 '66.

Meat grinding at low temperatures. V. Gurvill, E. Kachchinskii, N. Prishchik. Mias. ind. SSSR 39 no. 3:9-12 Apr '68.

Method for the calculation of meat and fat production. P. Akashi. Mias. ind. SSSR 39 no. 3:16 Mr '68.

Organization and the potentialities of improving the economic efficiency of egg procurement. O. Dulepov. Zakup. sel'khoz. prod. no. 4:27-30 Apr '68.

Polyunsaturated fatty acid content in butterfat. M. M. Merzamatov. Vop. pit. 12 no. 1:84-85 Jan-F '68.

Practical steps in establishing a repair base. S. Bobylev. Mias. ind. SSSR 39 no. 3:5-7 Mr '68.

Preparing whitebait whole meat for food. A. N. Kulikov. Trudy VNRO 10:132-137 '65.

Preservation of eggs has improved. N. Donits. Zakup. sel'khoz. prod. no. 1:25 Jan '68.

Quantitative change in blood, bone marrow, and internal organs of large cattle depending on age. N. Sergeeva. Mias. ind. SSSR 39 no. 3:30-32 Mr '68.

Some problems of procuring milk and meat. A. Stepanov. Zakup. sel'khoz. prod. no. 12:15-18 Dec '67.

Study of the mechanical characteristics of meat by a wire strain gauge. A. Garkavov and others. Mias. ind. SSSR 39 no. 3:28-29 Mr '68.

Technical and economic evaluation of the estimated indices of the composition of produce in the production of canned milk. L. V. Chelkova. Trudy VMI no. 4:3-14 Apr '66.

Vitamin A content in milk related to different types of feeding of cows. A. M. Azhlov. Trudy VMI no. 4:3-14 Apr '66.

Water-containing capacity of fish meat and its role in salting. I. P. Levandov. Trudy VNRO 40:21-37 '68.

Weight and chemical composition of large sauer and its products. N. E. Kasheva. Trudy VNRO 46:121-131 '68.

Winters of the all-Union socialist competition in the 4th quarter of 1967. Mias. ind. SSSR 39 no. 3:1-2 Mr '68.

637(4)—Europe
18th European Congress of the Workers of the Scientific Research Institute of the Meat Industry. V. Garkavov, G. Faleev, A. Rudin. Mias. ind. SSSR 39 no. 3:29-31 Mr '68.

637(471, 12)—Vologda Province
Milk quality in the working area of the Vologda City Dairy. M. V. I. Pirova, Z. A. Mitrova. Trudy VMI no. 4:35-42 '66.

637(471, 22)—Karelian A. S. S. R.
Inheritance of some milk components in cows of the red-purple Swedish breed. I. P. Karmanova. Uch. zap. Petrozav. gos. un. 14 no. 3:18-21 '68.

Relationship between milk yield, live weight and the exterior characteristics of Ayrshire cows. A. T. Buelko. Uch. zap. Petrozav. gos. un. 14 no. 3:37-38 '68.

637(471, 232)—Leningrad City
Machine for cutting lard into strips. I. Nishitov. Mias. ind. SSSR 39 no. 3:25 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

6, 08(571, 15)—Altai Territory
of mixed feed enterprises of the Altai Ia A. Starikov. Zakup. sel'khoz. prod. no. 3:1-2 Mr '68.

637(497, 2)—Bulgaria
Study of seasonal fluctuations in meat production.
Zheltko Kh. Chalkov. Mias. ind. SSSR 39 no. 3 18-20
Mias. ind. SSSR 39 no. 3 18-20 '68.

637(571, 62)—Krasnodar Territory
Brigade wages. N. Orlovskii. Mias. ind. SSSR 39
no. 3 15 Mr '68.

637(571, 66)—Kamchatka Province
Physical and mechanical properties of commercial fishes
in Kamchatka. A. P. Krivtsov. Izv. DVO 57:225-
231 '67.

637(574)—Kazakh S.S.R.
Selection of optimal long-range plan for the distribution
of dairy industry enterprises in Kazakhstan. M. G.
Isaeva, S. Balzakov, G. G. Poleva. Probl. savr. ekon.
Kazakh. no. 3:182-209 '67.
Unused possibilities. V. Ontchenko. Zakup. sel'khoz.
prod. no. 1:32 Ja '68.

637(575, 1)—Uzbek S.S.R.
Use of milk resources correctly. Kh. Khabibov. Sov.
icrg. 41 no. 5:52-53 My '68.

637(575, 3)—Tajik S.S.R.
Yield of dressed meat from "Glasar" sheep. S. Parsykh.
nov. D. Sil'vestrov. Mias. ind. SSSR 39 no. 3 39
Mr '68.

637(575, 4)—Turkmen S.S.R.
Monitored with high titles. B. Dzhelelov. Mias. ind.
SSSR 39 no. 3-4 Mr '68.

638.1 Beekeeping
Learning capability of insects and their ability to gener-
ate visual stimuli. G. A. Mazukhin. Porostakov. Ent.
oboz. 47 no. 2:363-379 '68.
Yeast flora of honeybees (Apis mellifera L.). A. I.
Egorova, I. P. Batueva. Izv. SO AN SSSR no. 10 Ser.
biol. med. nauk. no. 2:127-132 Ig '67.

639.1 Hunting

639.1(471, 22)—Karelian A.S.S.R.
Use of the marlen resources in Karelia. P. I. Danilov,
O. A. Troitskii. Uch. zap. Petrozav. gos. un. 14 no. 3:
97-103 '68.

639.1(471, 42)—Ulyanovsk Province
Red tape hinders the procurement of squirrel. I. Gultsov.
Zakup. sel'khoz. prod. no. 3:39 Mr '68.

639.1(571, 58)—Yakut A.S.S.R.
Prospectors for "soft gold." S. Semkin. Zakup. sel'khoz.
prod. no. 1:38-39 Ja '68.

639.2 Fisheries

Calculation of hydrocyclone. I. U. N. Baidyev, I. V.
Kotlar. Trudy Kal. tekhn. inst. ryb. prom. 1 khaz.
no. 10:11-19 '68.

Characteristics of noncontinuous centrifugal oil filler for
medium marine engines. V. V. Shchagin and others.
Trudy Kal. tekhn. inst. ryb. prom. 1 khaz. no. 10:167-
173 '68.

Characteristics of power systems of whaling bases.
L. P. Korshunov. Trudy Kal. tekhn. inst. ryb. prom. 1
khaz. no. 10:78-82 '68.

Effect of the parameters of environment on power and
operational economy of engines. V. V. Shchagin and
others. Trudy Kal. tekhn. inst. ryb. prom. 1 khaz. no. 10:
174-180 '68.

Exploratory expedition aboard the RT "Mukam" to the
southwestern coast of Africa. I. A. Komarov, S. K.
Kuderskii. Trudy BaidNRO no. 9:13-18 '62.

Fishery studies off Malacca and Indochina conducted
aboard the trawler "Arseniev." A. N. Probatov.
Trudy BaidNRO no. 9:137-147 '62.

Generalizing the results of metal fatigue tests at various
tension states. L. P. Borovskaya. Trudy Kal. tekhn. inst.
ryb. prom. 1 khaz. no. 10:20-28 '68.

Higher efficiency of seawater distillation units on fishing
vessels. G. A. Lukin. Trudy Kal. tekhn. inst. ryb. prom.
1 khaz. no. 10:96-103 '68.

Increase in engine power of medium-size trawlers by
mechanical pressurization. V. V. Shchagin and others.
Trudy Kal. tekhn. inst. ryb. prom. 1 khaz. no. 10:133-
140 '68.

Individual pulse apparatus for catching tuna fish. I. F.
Tsyrenskii. Trudy BaidNRO no. 9:160-161 '62.

Materials on fish hybridization at the All-Union Confer-
ence on Remote Hybridization of Plants and Animals.
B. V. Verigin, G. V. Nikol'skii. Vop. ikht. 8 no. 4:771-
772 '68.

Oceanological orienting points in searching South African
pilchard during spring and summer seasons. I. U. A.
Khovanskii. Trudy BaidNRO no. 9:50-56 '62.

Operational engine resources and automatic recording of
their loads. V. V. Shchagin and others. Trudy Kal.
tekhn. inst. ryb. prom. 1 khaz. no. 10:181-189 '68.

Problems of fuel standardization in fishing fleets. L. P.
Korshunov. Trudy Kal. tekhn. inst. ryb. prom. 1 khaz.
no. 10:83-89 '68.

Some results of testing engines with injectors with
hydraulically blocking two-differential needles. G. N.
Shishlov. Trudy Kal. tekhn. inst. ryb. prom. 1 khaz.
no. 10:115-122 '68.

Structure of spawning population and spawning in white-
fish of Lake Balkal. A. G. Sarlatov. Izv. SO AN SSSR
no. 10 Ser. biol. med. nauk. no. 2:123-128 Ag '67.
Study of overregulation of the parameters of gas turbine
systems on ships. V. V. Selin. Trudy Kal. tekhn. inst.
ryb. prom. 1 khaz. no. 10:100-114 '68.
Study of the operation of blocked gas turbine systems on
ships at sudden disturbances in the torque. I. V. Kotliar,
V. V. Selin, V. M. Ermolchik. Trudy Kal. tekhn. inst.
ryb. prom. 1 khaz. no. 10:62-70 '68.
Test unit for studying new lamellar surfaces of heat
exchangers on ships. Sh. M. Aramovich. Trudy Kal.
tekhn. inst. ryb. prom. 1 khaz. no. 10:5-10 '68.

639.2(261)—Atlantic Ocean

Biology and Resources of herring in the Nova Scotia Shelf.
I. G. Fridland, A. T. Frokhin, M. P. Yakovchuk. Trudy
BaidNRO no. 9:86-122 '62.

Characteristics of promising fishing grounds off the coast
of Spanish Sahara and Mauritania. R. G. Bernikov, E. S.
Prosvirov. Trudy BaidNRO no. 9:70-80 '62.

Rate of herring maturity in the Georges Bank during
July and August of 1961. V. I. Sausan. Trudy
BaidNRO no. 9:158-159 '62.

Relationship between water and fish distribution in the
region of Nova Scotia. I. A. Viatov, E. A. Filippov,
E. I. Korovnikov. Trudy BaidNRO no. 9:123-130 '62.

Some problems of fishery development in the southern
Atlantic. S. A. Stetsenok. Trudy BaidNRO no. 9:146-
151 '62.

Some results of the oceanographic research by the Second
Expedition of the Baltic Scientific Research Institute of
Sea Fisheries and Oceanography off the coast of Nova
Scotia. G. D. Vasil'ev. Trudy BaidNRO no. 9:156-
157 '62.

State of the commercial Sardinella aurita population in the
regions of Tabarua and Makac. E. S. Prosvirov, I. I.
Osetinskii. Trudy BaidNRO no. 9:81-87 '62.

639.2(265)—Pacific Ocean

Methods of evaluating commercial resources of herring
of the Kori. Karaginsky popitatom. T. F. Kachina.
Izv. DVO 57:135-141 '67.

639.2(571, 63)—Maritime Territory

Why marketing costs have increased. I. V. Gotskii.
Maj. tekhn. anabaz. 3 no. 4:76-78 Ap '68.

639.2(571, 66)—Kamchatka Province

Resources of pikeperch and bottom fishes in waters
of Kamchatka and the development of fishing activities.
I. A. Polutov. Izv. DVO 57:98-121 '67.

639.3 Fish culture

Babalan, K. E., and J. M. Gordon. [Present status and
future development of pond fisheries in the U.S.S.R.]
Sovremennoe sostoyaniye i perspektivy razvitiya prudo-
vogo rybovodstva SSSR. Moskva, "Pishchevaya prom-
st." 1968. 89 p.

Resistance of developing sockeye salmon eggs to mechan-
ical effects. M. Ia. Iovleva. Izv. DVO 57:55-70 '67.

639.3(262, 5)—Black Sea

Penetration of *Lucioperca lucioperca* (L.) from the Kuban
River to the eastern part of the Black Sea off the shores
of the Caucasus. E. I. Drapkin. Vop. ikht. 8 no. 4:749-
751 '68.

639.3(474, 5)—Lithuanian S.S.R.

Ecologic and morphologic characteristics of tench
development in waters of Lithuania. Report No. 2:
Annual cycle of the development of ovaries and its
relation to parturition spawning. J. Vrubekas. Trudy
AN Lit. SSR. Ser. V no. 3:65-75 '67.

Ecologic and morphologic characteristics of tench
development in waters of Lithuania. Report No. 3:
Annual cycle of testicle development. J. Vrubekas.
Trudy AN Lit. SSR. Ser. V no. 3:77-83 '67.

Feeding habits and food relationships between young fish
and mature tench, feeding on Planitia, in the reservoir
of the Kumas Hydroelectric Power Plant in 1963. A. F.
Vaskeviciute. Trudy AN Lit. SSR. Ser. V no. 3:51-
61 '67.

64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING. HOME AND HOTEL MANAGEMENT. CATERING, ETC.

Artistic design of electric household appliances. O. Kilin.
Tekh. est. 5 no. 4:20-24 Ap '68.

Udenich, N. V., and I. S. Sonatov. [Statistics of the con-
sumer service industries] Statistika bytovogo obsluzhi-
vaniya naseleniya. Moskva, "Legkata Industriya." 1968.
132 p.

64(675, 1)—Uzbek S.S.R.

The industry of good humor. M. Ur'ev. Ekon. i zhizn'
10 no. 4:80 Ap '68.

Quantity and quality. A. Dzharabev. Ekon. i zhizn'. 10
no. 3:82-83 Mr '68.

64(713)—United States of America

The service industries in the U.S.A. S. Zaglobova.
Mtr. ekon. i mezhdunar. otn. no. 4:108-110 '68.

641 Food. Cookery. Cuisine
Materials on the study of potential possibility of the dis-
tribution of gastrointestinal diseases through the hands
of the workers in public dining establishments. M. P.
Vizul, L. V. Ganchev. Trudy Perm. gos. med. inst.
no. 69:101-105 '67.

641(471, 63)—Perm Province

Development of public eating establishments in Perm.
I. Ia. Ivanov, I. I. Orlova, N. S. Zhilnev. Trudy Perm.
gos. med. inst. no. 69:10-15 '67.

Experience in the organization of sanitary measures in
the public eating establishments of the Perm City
Restaurant Trust. K. S. Zhilnev. Trudy Perm. gos.
med. inst. no. 69:16-26 '67.

641(496)—European communist countries as a group

Production of articles of national consumption in the
countries participating in the Mutual Economic Assis-
tance Council. A. Strogova. Vop. ekon. no. 5:127-131
My '68.

642 Meats. Table service and cover

642(471, 21)—Murmansk Province

Numble fingers. G. Koplev. Sov. poireb. koop. 12 no. 2:
42 F '68.

643 The home. Household equipment

Service characteristics of household electric plates and
electric hobs. V. G. Zaitsev, H. U. Malukov. Stof.
mash. rob. INKI 1 no. 20:90-106 '61.

646 Clothing. General appearance. Cleanliness

Scientific organization of labor in general services.
I. M. Perchenok. Prom. Bol. 10 no. 12:7-8 D '67.
Some problems concerning the perfecting of price
determination for general services. M. M. Baidukov.
Prom. Bol. 10 no. 12:14-15 D '67.

648 Washing. Laundering. Cleaning

Scientific organization of labor in general services.
I. M. Perchenok. Prom. Bol. 10 no. 12:7-8 D '67.

Shoe care. K. Gullinava, I. Ieklenkova. Sov. poireb.
koop. 12 no. 2:103-104 F '68.

Some problems concerning the perfecting of price
determination for general services. M. M. Baidukov.
Prom. Bol. 10 no. 12:14-15 D '67.

Urban economy should be constantly improved. M. Ver-
shinin. Part. zhizn' no. 17:30-34 S '68.

65 MANAGEMENT, ORGANIZATION OF INDUSTRY AND COMMERCE. BUSINESS. COMMUNICATION AND TRANSPORT

65.01 Management theory, method, system

Certain problems in preparing initial data for the solu-
tion of planning problems in optimal composition of
automotive gasoline. A. N. Davydov and others. Khim.
i tekhn. 13 no. 4:30-40 '68.

Economically advantageous forms of the concentration of
mining operations in the Krivoy Rog Basin. I. I.
Shukin and others. Gor. zhur. 143 no. 4:11-16 Ap '63.

Efficient and well organized work of industrial enter-
prises are inseparable. V. Olenik. Avt. transp. 45
no. 12:7-8 D '67.

50th anniversary of the Leningradskiy Izhnitskiy Zavod
Ora Mining and Dressing Combine. V. A. Grechuk.
Gor. zhur. 143 no. 4:3-7 Ap '68.

Improving the drawing and transportation of ore from the
of the Sokol deposit. V. A. Isakov and others. Gor.
zhur. 143 no. 4:30-38 Ap '68.

Improving the system of depreciation allowances.
M. Bakh. Avt. transp. 45 no. 12:12-13 D '67.

Influence of ore impurities on technical and economic
indices of mechanical coal crushing. A. A. Fial'skii
and others. Gor. zhur. 143 no. 4:18-20 Ap '68.

Introduce modern and progressive methods into the
automobile industry. N. Nikonorov. Avt. transp. 45
no. 12:1-3 D '67.

Mathematical models of industrial management. C. A.
Borisov, G. V. Vinova. Mekh. stroj. 25 no. 3:21-23
Mr '68.

New principles in planning geological prospecting. R. M.
Kosov, M. A. Minashkin. Razved. i okh. nodr. 32 no. 8:
1-6 Jo '68.

Planning an experiment for the optimization of the N-per-
tance isomerization process. M. D. Volynskii and others.
Khim. i tekhn. 13 no. 6:31-33 '68.

Public bureau of economic analysis. V. Yakovlev. Rech.
transp. 27 no. 5:48 My '68.

Results of activity of the Permanent Commission of the
Mutual Economic Assistance Council. I. K. Mireev.
Razved. i okh. nodr. 32 no. 8:0-10 Jo '68.

Results of the review-competition for the best develop-
ment and introduction of plans for scientific organiza-
tion of labor. P. P. Korbutov. Organ. i upr. metod.
prom. no. 3:43-45 '68.

Scientific conference on the management of mining
enterprises. K. V. Zubov. Izv. vyz. ucheb. zav. i gos.
zhur. 11 no. 6:101-102 '68.

Technical and economical evaluation of the reliability
of automatic equipment. A. S. Brudnik. Stand. i kach.
31 no. 12:62-66 D '67.

Using boreholes with a reduced diameter at the Gornaya Sverdlovsk mine. I. A. Shulovich, A. I. Konnyukhin, K. S. S. Klov. *Gorn. zhur.* 143 no. 4-46-48 Apr '68.

65.01(471, 41)—Tatar A. S. S. R.

Organization of labor in a derrick crew employed in large block rig construction. M. Kh. Valeev, M. M. Naitkov. *Organ. i upr. nedob. prom.* no. 3-19-23 '68.

65.01(471, 531)—Komi-Permyak National District

Standard plans for scientific organization of labor. V. A. Viktorovich. *Organ. i upr. nedob. prom.* no. 3: 26-39 '68.

651 Office management, practice and equipment

Business correspondence in the supply of materials and equipment. N. Vasin. *Mak. i tekhn. snabz.* 3 no. 1-72-75 Apr '68.

How long shall we tolerate such practice? V. Dyorovskii. *Sov. iust.* no. 8-30-31 Apr '68.

Opredekovich, B. E. [Principles of commercial correspondence] *Osnovy deloproduktivnaya*, Izd. 5-o, 1987. 1 dop. Moskva, "Ekonomika," 1987. 152 p. "Orgatekhnika" in the year 1987. *Pril. i stat. upr.* no. 10-23-25 O '87.

654 Long-distance, telecommunication services. Signalling

Increasing the reliability of the start of a telemechanical system. B. I. A. Sovetov. *Izv. vys. ucheb. zav. i elektro-tekhn.* no. 6:642-646 Jo '68.

Methods for matching the output signals of the measuring elements of automatic control systems. G. D. Semilev. *Pril. i stat. upr.* no. 2-64-55 P '68.

Processes of information transmission by telemechanical systems. R. P. Zilabov. *Izv. vys. ucheb. zav. i elektro-tekhn.* no. 6:647-652 Jo '68.

654(470, 24)—Azerbaijan S. S. R.

Development of communications in Soviet Azerbaijan. B. M. Akhundov. *Za tekhn. prog.* 7 no. 11:32-34 N '67.

654.1 Use of telegraph and telephone. Radio and television broadcasting and receiving

Solov'evskiy, A. I. [Manual for televisioners] *Spravochnik televidenstva*, Izd. 2-o, dop. Moskva, "Svyaz," 1968. 63 p.

654.1(477)—Ukrainian S. S. R.

Powerful instruments of communist education. N. Skachko. *Komm. Ukr.* 43 no. 6:38-40 Jo '68.

655 Printing. Publishing. Book trade

Author's remuneration and alimony. I. A. Zenin. *Vop. zhur.* no. 4:63-65 '68.

[Collection of regulations on protection of labor for the personnel of the press. (The printing industry, book trade, and publishing houses)] *Shornik rukovodivshichikh materialov po okhrane truda dlia rabotnikov polchit. (Poligraficheskoi promyshlennosti, knizhnoi i zhurn. izdatel'stv)*. Moskva, "Kniga," 1967. 911 p.

May Day celebration by the enterprise. First day of the workers' press. Z. Mirkin. *Sov. iust.* 41 no. 5:34-37 May '68.

Nemirovskiy, E. L. [Patent literature on the problems of the printing and publishing industry. Inventions of Soviet printers during the last 50 years, 1917-1967. An index of licenses and patents in the field of printing] *Patentnaya literatura po voprosam poligraficheskogo proizvodstva. Izobreteniya sovetskikh poligrafistov za 50 let. 1917-1967. Ukazatel' avt. i izobretel'stv i patentov po voprosam poligrafii*. Moskva, "Kniga," 1967. 268 p. (Seriya bibliogr. spravochnikov).

On the road toward unity. *Mezhduim. zhizn'* 15 no. 5: 130-141 '68.

[Technology and equipment of the woodpulp, paper, and printing industry] *Ref. zhur.*; *Tekhn. i obrab. stol. bum. i poligr. protov.* no. 0 Jo '68.

655(470, 22)—Georgian S. S. R.

Eight million books were sold. I. Chaniuridze. *Sov. potrebn. koop.* 12 no. 2:32-34 P '68.

655(671, 316)—Moscow City

Vasilevskiy, K. V., and others. ["Pravda" is printed here] *Zdes' pechatnolisa "Pravda"*. Pod obshch. red. A. E. Mitkhina i B. A. Fel'dmana. Moskva, "Kniga," 1967. 137 p.

656 Transport and postal services

Liability of railroads for failure to deliver transport vehicles for loading. B. N. Mezrin. *Sov. gos. i pravo* no. 6:83-91 Je '68.

On a dusty road. M. Gutov. *Tekhn. i voornz.* 28 no. 4: 30 Apr '68.

Parakhovskiy, B. M., and V. A. Sabolin. [Distribution of passenger traffic according to types of transportation systems and their regionalization] *Raspredelenie passazhirskikh peresovok po vidam transporta i ikh regionalizatsiya*. Moskva, "Transport," 1968. 120 p.

Scientific problems of the development of a diversified transportation system. A. V. Gornov. *Izv. AN SSSR. Energ. i transp.* no. 1-3-9 Ja-F '68.

656.1 Road transport, haulage

About the coefficient of putting motor vehicles in service on roads. M. Bash. *Avt. transp.* 36 no. 3:23 Mr '68.

Achievements of better drivers should be emulated at all enterprises. *Avt. transp.* 48 no. 4-4-5 Ap '68.

Achievements of the leading collective. S. Sigatov. M. Khokhlov. *Avt. transp.* 46 no. 3:8-9 Mr '68.

Advanced method of shipment of grain and silage. A. Saburov. *Avt. transp.* 46 no. 4-19 Ap '68.

[Automotive and city transportation] *Ref. zhur.*; *Avt. i gor. transp.* *Predmoiny ukazatel'* za 1967 g.

The central dispatcher system under new conditions. *Avt. transp.* 45 no. 12-16 D '67.

Complete servicing of the transportation needs of enterprises and organizations. R. Levit, B. Kirillov. *Avt. transp.* 45 no. 12-14-15 D '67.

Conference on traffic safety. *Avt. transp.* 46 no. 3:53 Mr '68.

Information of the pulp of fruits and vegetables during transportation. V. S. Zavadnov. *Trudy VIM* 40:107-119 '66.

A deserved award for an excellent work. *Avt. transp.* 45 no. 12-3-5 D '67.

Drivers are repaying. K. Shmukov, I. Mokshov. V. Ilyukhin. *Avt. transp.* 45 no. 3:11 Mr '68.

Dumper for parcel trucks in the makeup of a traveling and transportation brigade. P. Klepikov, V. Taranda. *Avt. transp.* 45 no. 4:16-17 Ap '68.

Experience in the haulage of blocks of drilling rigs by heavy-duty prime movers. M. M. Tsigor. *Mash. i nef. otov.* no. 5:24-28 '68.

First All-Union Meeting of Young Workers of the Soviet Service Industry. *Avt. transp.* 46 no. 3:57-58 Mr '68.

Improving the estimates and distribution of overhead expenses in motor vehicle transportation enterprises. I. Lapshin. *Avt. transp.* 45 no. 4:12-13 Ap '68.

Improving the system of depreciation allowances. M. Bash. *Avt. transp.* 45 no. 12:12-14 D '67.

Increase the level of work on patents and licenses. S. Zaitsev. *Avt. transp.* 46 no. 3:13 Mr '68.

Introduce modern and progressive methods into the automobile industry. N. Nikanorov. *Avt. transp.* 46 no. 12-1-3 D '67.

Investigating the effects of the ambient air temperature on the technical and operational performance of a gas-cylinder motor vehicle operating on liquefied petroleum gas. I. I. Ostalov, S. G. Dzhamalov. *Za tekhn. prog.* 6 no. 5:30-40, 16 My '68.

More attention should be given to training institutions. I. Tumanov. *Avt. transp.* 46 no. 3:50-51 Mr '68.

Motor vehicle transportation should be used effectively in harvesting. V. Bulanov. *Avt. transp.* 49 no. 4:14-15 Ap '68.

New system of organizing harvesting and crop transportation. S. Shupakov. *Avt. transp.* 46 no. 4:1-2 Ap '68.

An operational group is in charge of shipments. P. Agabailov. *Avt. transp.* 46 no. 4:19 Ap '68.

On work experience. A. Izhev. *Avt. transp.* 46 no. 3: 20-21 Mr '68.

Overall transportation and expediting service to customers. I. Sergetnikov, P. Perepoltin. *Avt. transp.* 46 no. 4:50-52 Ap '68.

Regulating the expenses of road freight terminals. R. Lashko, A. Tsvetkov. *Avt. transp.* 46 no. 3:18-19 Mr '68.

Revising autobus schedules. V. Andreovskiy. *Avt. transp.* 46 no. 3:23 Mr '68.

Scientific labor organization should be adopted on a large scale. V. Umenskii. *Avt. transp.* 46 no. 4-8-9 Ap '68.

She is proud of her profession. A. Dilibkov. *Avt. transp.* 48 no. 4:5 Ap '68.

Some problems of the economic reform in motor vehicle transportation. T. Koshlan, V. Shpenet. *Avt. transp.* 46 no. 3:15-17 Mr '68.

System of automatic control of technical services in motor vehicle transportation enterprises. R. Kolner. B. Skirio. *Avt. transp.* 46 no. 4:26-28 Ap '68.

They are proud of their profession. G. Kozlov. *Avt. transp.* 46 no. 3:12-13 Mr '68.

Traffic control of city transportation with the help of electronic computers. M. L. Petrovich, F. G. Glik. A. N. Kuzmina. *Prima. Bel.* 10 no. 12-59 D '67.

Traffic safety lessons should be conducted in a practical way. S. Pevzner. *Avt. transp.* 48 no. 4:50-51 Ap '68.

The use of tractor trains should be broadened. A. Pili. *Avt. transp.* 45 no. 12:43-44 D '67.

Vehicular passenger transportation should have a rational system. M. Blatov. *Avt. transp.* 45 no. 12: 20-22 D '67.

We are learning traffic regulations. O. Khadzh-Muradov, V. Zhukov. *Avt. transp.* 48 no. 3:61 Mr '68.

656.1(437)—Czechoslovakia

Conference on traffic safety in Praha. A. Sokolov. *Avt. transp.* 48 no. 4:45-47 Ap '68.

656.1(471, 62)—Krasnodar Territory

These problems should be resolved correctly and speedily. V. Khodorovskiy, I. U. Zyrin. *Avt. transp.* 46 no. 12-48 D '67.

656.1(474, 2)—Estonian S. S. R.

Economic reform and the unused potential. A. Orechkin. *Avt. transp.* 46 no. 12:11-12 D '67.

656.1(476)—White Russian S. S. R.

Successes of Minsk highway transportation workers. V. Chukovich. *Avt. transp.* 48 no. 4:3-4 Ap '68.

656.1(477)—Ukrainian S. S. R.

Organizational structure of the traffic safety service in the Ukrainian S. S. R. L. Hlyavko. *Avt. transp.* 46 no. 3:52-53 Mr '68.

656.1(476)—Moldavian S. S. R.

Potentialities of transport. M. Recheser. *Sov. potrebn. koop.* 12 no. 3:26-27 Mr '68.

656.1(470, 24)—Azerbaijan S. S. R.

Development of road transport in Azerbaijan. M. A. Habaev. *Za tekhn. prog.* 7 no. 11:21-25 N '67.

656.1(574)—Kazakh S. S. R.

Creative work of volunteer workers. V. Kizhakov. *Avt. transp.* 45 no. 12:10 D '67.

658.2 Railway transport

Activities on the alert. M. Sh. Vaisman. *Pu'ti put. khoz.* 12 no. 7-13-15 '68.

Al'terman, S. I., and I. N. Pavlov. [Handbook for station shift engineers] *Posobie dezhurnom u stantsii*. Moskva, "Transport," 1968. 286 p.

Business accounting in locomotive and car manufacturing plants. N. K. Mar'in. *Trudy VZIT* no. 28:5-28 '87.

Certain potentials for increasing labor productivity of locomotive repair workers. P. M. Ponomarev. *Trudy MIIT* no. 268:38-50 '68.

Certain potentials for increasing the productivity of divisional railroad track workers. V. N. Osipov, O. I. Klenin. *Trudy MIIT* no. 268:60-78 '68.

Commission of track management. M. A. Chernyshev. V. S. Buzichko. *Pu'ti put. khoz.* 12 no. 4-36-37 '68.

Information of the pulp of fruits and vegetables during transporting. V. S. Zavadnov. *Trudy VIM* 40:107-119 '66.

Editors' mailbox. *Pu'ti put. khoz.* 12 no. 3-42-43 '68.

Experience in the operation of (ASN) automatic signal light block system at the No. 55 Mine. E. V. Koshchikov. *Gor. zhur.* 113 no. 4:55-59 Ap '68.

Feklistov, V. A. [Statistics on capital investments in railroad transport]. *Textbook for fourth-year students specializing in "Economics and organization of railroad transport"*. "Economics and organization of construction work (on railroads)" "Organization of mechanized processing of economic information" *Statistika kapitalnykh vlozheniy v shelochnodorozhnyi transport*. Ucheb. posobie dlia studentov IV kursa spetsial'nostei "Ekonomika i organizatsiya zh.-d. transporta," "Ekonomika i organizatsiya stroitel'stva (na zh.-d.)", "Organizatsiya mekhanizirov. obrabotki ekon. informatsii." Moskva, 1968. 23 p.

First results of operating a railroad line with narrowed gauge. G. E. Andreuev. *Sov. iust.* 11:121-122 no. 248-100-111 '68.

Liability for failure to carry out the plan of rail transportation. I. Iukosev. *Sov. iust.* no. 6:23-28 Ap '68.

More efficient use of electric locomotives is the potential for increasing the effectiveness of the transportation industry. *Trudy MIIT* no. 268:91-97 '68.

New methods introduced, old ways improved. T. K. Ushakov. *Pu'ti put. khoz.* 12 no. 3-11-12 '68.

New ways of planning. V. I. Mili, V. A. Terebkhov. *Pu'ti put. khoz.* 12 no. 3-8-10 '68.

Polynov, V. P., and S. F. Malafayev. [Freight and commercial operations on railroads] *Gruzovaya i kommercheskaya rabota zheleznitsykh dorog*. Moskva, "Transport," 1967. 360 p.

Problems of improving railroad management work. P. I. Kuznetsov. *Trudy MIIT* no. 268:128-141 '68.

Productivity of labor and development of railroad transportation in the Soviet Union. N. D. Aralov. *Trudy MIIT* no. 268:4-20 '68.

Raise socialist competition to a high level. I. A. Simonov, N. T. Fedosova. *Pu'ti put. khoz.* 12 no. 4-1-4 '68.

Revised passenger train platforms built on DS-type supports. G. M. Kirzhakov. *Transp. stroit.* no. 6: 0-10 My '68.

Raising the cultural and technological levels of railroad workers as a potential growth of labor productivity. M. B. Narovskaya. *Trudy MIIT* no. 268:103-113 '68.

Scientific organization of labor in railroad transportation is the most important factor in labor productivity growth. Zh. I. Il'yarionova. *Trudy MIIT* no. 268:114-127 '68.

Technical progress and rise of labor productivity in locomotive and car manufacturing plants. S. G. Binias. *Trudy VZIT* no. 28:57-82 '67.

[Time-table for suburban trains. Moscow-Borodino. Belorusskii Station of the Moscow Railroad. Summer 1967] *Raspisanie dvizheniya prigorodnykh poezdov*. Moskva-Borodino. Belorusskii vokzal Moskovskoi zh. d. Loto 1967 g. Moskva, "Transport," 1967. 63 p.

Unjustified losses. P. Matvosov, S. Polukhin. *Zakup. sel'khoz. prod.* no. 4:36-37 Ap '68.

Wages under the new management conditions and railroad workers' labor effectiveness. A. V. Orlov. *Trudy MIIT* no. 268:87-102 '68.

656.2(471, 62)—Krasnodar Territory

Obstacles on the tracks. I. Antkin. *Zakup. sel'khoz. prod.* no. 1:31 Ja '68.

656.2(479, 24)—Azerbaijan S. S. R.

Railroad transport in Azerbaijan is on the increase. A. M. Bagirov. *Za tekhn. prog.* 7 no. 11:29-31 N '67.

656, 2(515)—Central Asia

Effectiveness of using automation and telematics in railway transportation in Central Asia. RU. A. Smolnitskiy. *Sbornik VZIT* no. 20-73-86 '69.
Mechanized computers plan for transportation. S. K. Kozlov, V. I. Kozlovskiy. *Eksp. zhizn.* 10 no. 3-70-22-31 '69.

656 G Marine, water transport

Belkin, S. I. [Blue ribbon of the Atlantic] Golubaya lentia Atlantiki. Leningrad, "Sudostroenie," 1967. 289 p.
Creating and applying the method of automating navigation on rivers. G. Pavlenko. *Rech. transp.* 27 no. 5:39-43 My '68.
The economic reform creates obligations. V. Kosterin. *Rech. transp.* 27 no. 5:8-9 My '68.
Handling a motorship with a barge in tow on the Moscow Canal. V. Oplakov. *Rech. transp.* 27 no. 5:13-13 My '68.
Improvements of business accounting relations in river transportation. E. Lomov. *Rech. transp.* 27 no. 5:9-11 My '68.
Make fuller use of river transportation potentialities. *Rech. transp.* 27 no. 5:1-4 My '68.
Working use of various kinds of tanker fleets. I. Andreev. *Rech. transp.* 27 no. 5:11-13 My '68.
Optimum control of a ship's movement. I. S. Brovko, T. B. Gerasimov. *Zitkh. prom.* 8 no. 3:10-12, 48 My '68.
[Practical] technical conditions and standards for siting piece cargoes in warehouses. Vremennye tekhnicheskie usloviya i normy razraski skladov chuzhinykh tovarov. *Uzv.* 28/III 1967 p. Mskra, "Transport," 1967. 51 p.
Public bureau of economic analysis. V. Iakovlev. *Rech. transp.* 27 no. 5:48 My '68.
Why the above-normal incomes are growing. N. Zarubin. *Mal. tekhn. snabzh.* 3 no. 5:52-57 My '68.

656, 6(262, 8)—Caspian Sea

Caspian merchant marine prepares for the 50th anniversary of the Great October. I. D. Kilmun. *Zitkh. prom.* 7 no. 11:26-28 N '67.
Problems of storage, transportation, and bunkering of liquefied gas aboard ships. M. B. Matvedova. *Zitkh. prom.* 8 no. 1:40-43 Ja '68.

656, 8(57)—Atlantic U. S. S. R.

Steamship companies of eastern basins in the third year of the five-year plan. V. Ivanenko. *Rech. transp.* 27 no. 5:6-7 My '68.

656.7 Air transport

[Air transportation] Ref. zhur.: *Vozd. transp.* nos. 5-6 My-Je '68.
[Construction of airports] Stroitel'stvo aerodromov. Pod red. N. I. Ivanova. Moskva, "Transport," 1968. 412 p.
[Instructions on meteorological service to civil aviation (NMO GA-86)] Nastavlenie po meteorologicheskemu obsluzhivaniyu grazhdanskoy aviacii (NMO GA-86). Leningrad, Gidrometeoizdat, 1967. 105 p.
On all continents. B. I. Kharchenko. *Kryl. rod.* 10 no. 6-19 Je '68.

658.835 Fracking. Sismop. Philately

Hydraulic engineering in Soviet philately. L. M. Khan, V. S. Smetanich. *Gid. stroit.* 38 no. 12:41-42 D '67.

657 Accountancy. Bookkeeping

Analysis of carrying out the plan for procurement of agricultural products and raw materials by a regional union of consumer societies. V. Andrushev. B. Zhima. *Zakup. sel'khoz. prod.* no. 3:24-27 Mr '68.
Basic principles of intraplant business accounting. E. I. Khudok. *Kozh. obuv. prom.* 10 no. 3:10-15 Mr '68.
Charges which must be made. R. Uraev. *Zakup. sel'khoz. prod.* no. 3:38 Mr '68.
Control over the use of containers. K. Givoronskaya. *Sov. potreb. kosp.* 13 no. 2:51-52 Y '68.
Improving intraplant business accounting under new planning and economic incentive conditions. M. M. Rozentaller. *Khim. prom. Ukr.* no. 1:42-45 Ja-F '68.
Intraplant business accounting should be improved. G. D. Maksimenko. *Kozh. obuv. prom.* 10 no. 4:8-12 Ap '68.
Mark lumber accurately. K. Mleichenko. *Mal. tekhn. snabzh.* 3 no. 5:91 My '68.
Methods for the analysis of statistical reports. A. Pugacheva. *Mal. tekhn. snabzh.* 3 no. 5:88-75 My '68.
Regulating the expenses of road freight terminals. R. Lakho, A. Tsvetkov. *Avi. transp.* 44 no. 3:18-19 Mr '68.
Unify invoices. V. Sveitchin. *Mal. tekhn. snabzh.* 3 no. 4:74-75 Ap '68.

657(471, 41)—Tatar A. S. S. R.

Experience in the application of accounting of raw materials and mixed feed production of flour mills of the Tatar A. S. S. R. K. Skobennikov, S. Popov. *Muk. elev. prom.* 34 no. 3:10-11 Mr '68.

657(476)—White Russian S. S. R.

Organization of bookkeeping of intraplant cost-accounting indices. R. G. Prusov. *Prom. del.* 10 no. 12-9-10 D '67.

658 Business, works and shop management and techniques

Adoption of an overall scientific organization of labor in production. I. I. Fedulov, A. A. Baskirskaya. *Kozh. obuv. prom.* 9 no. 5:4-9 My '68.
Conference of the workers of laboratories for the study of labor norms. I. M. Zolotovskiy, L. I. Zaitseva. *Kozh. obuv. prom.* 12 no. 7:45-51 '68.
Concept, conditions and problems of the scientific organization of production and labor in the plant of the paint materials. M. M. Ostrovskiy. *Lakras. mol. i kh. prom.* no. 2:77-80 '68.
Development of good working conditions is an inherent part of its scientific organization. A. F. Zverov. *Kozh. obuv. prom.* 9 no. 5:12-13 My '68.

[Economic aspects, organization and planning of an industrial enterprise] Ekonomika, organizatsiya i planirovaniye promyshlennogo predpriyatiya. Moskva, 1967. 148 p. (Aktual'nye problemy tekhniki)

[Economic reform in operation] Ekonomicheskaya reforma v delstvii. Leningrad, Leningrad, 1967. 95 p.

Efficiency of production specialization in the field of the papermaking industry. I. I. Kuznetsov, E. M. Stabin, N. A. Godel. *Mash. no. 15:14-19 '67.*

Evaluating the wear resistance of leathers for shoe lining. E. A. Rodina, E. E. Sidorova, S. M. Zimin. *Sov. mash. rab. INKh* no. 20:142-147 '61.

Industrial aesthetics for the enterprises of the alcohol, liqueur and vodka industry. F. V. Aboelov, N. K. Kestereva. *Ferm. i spir. prom.* 34 no. 5:31-34 '68.

Turkin, R. V., V. V. Glotov, and S. I. Razin. [Economy, organization and planning of forest industry enterprises] Ekonomika, organizatsiya i planirovaniye predpriyatiy lesnoi promyshlennosti. Moskva, "Lesnaya prom.-st.", 1967. 331 p.

Kozlov, I. D. M. [How a socialist enterprise is managed. (A textbook)] Kak upravlyatsya socialisticheskomu predpriyatiyu. (Ucheb. posobie). Moskva, "Znanie," 1968. 77 p. (Nar. uch. i. Fak. pravoviykh znaniy. 8).

Method of determining the output of stiff leathers according to the areas they occupy. S. I. Smolov. *Kozh. obuv. prom.* 9 no. 5:24-26 My '68.

Methods of preliminary analysis of continuous technological processes as units for automatic control. I. U. B. Kiselev. *Mash. i avtom. upr.* no. 6:7-9 N-D '67.

New conditions, new requirements. I. I. Godel. *Khim. prom. Ukr.* no. 2:59-34 Ja-F '68. Mr-Apr '68.

Overall mechanization of data processing in planning and accounting for work and wages using electronic computers. B. O. Krilis, E. M. Tabolin. *Pril. i stat. upr.* no. 12:41-43 D '67.

Principal trends in mechanized processing of economic information in enterprises. V. B. Liberman. *Pril. i stat. upr.* no. 13:40-41 Ja '68.

[Principles of the economics and planning of industrial enterprises] Osnovy ekonomiki i planirovaniya promyshlennykh predpriyatiy. Moskva, "Statistika", 1968. 256 p.

Problem regarding cleanness. P. N. Ivanov. *Sov. slakki.* 15 no. 12:11 D '66.

The role of cost accounting in the new system of planning in plants of the paper industry. I. I. Kuznetsov, B. I. Kikot. *Mash. i avtom. upr.* no. 15:7-13 '67.

Scientific organization of labor in every place of work. G. I. Paschenko. *Kozh. obuv. prom.* 9 no. 5:9-11 My '68.

Timely preparations for the new production season in alcohol, liqueur and vodka plants. N. S. Ternovskiy. *Ferm. i spir. prom.* 34 no. 3:1-4 '68.

Use of computers in overall mechanization of accounting. V. S. Borzhov. *Pril. i stat. upr.* no. 1:41-43 Ja '68.

Use of permanent punched cards in evaluating the commodity output. V. N. Urtsev, T. S. Butina. *Pril. i stat. upr.* no. 1:43-45 Ja '68.

The work of business enterprises under the new rules of industrial management. A. K. Kravtsov, V. M. Eltingon. *Sov. gos. i priv. no. 6:82-87 Je '68.*

Youth improve their knowledge of economics. E. Fishov. *Sov. potreb. kosp.* 12 no. 3:28-30 Mr '68.

658(471, 311)—Moscow Province

In the Gerasimovskiy Trust named after the 60th anniversary of the Great October Revolution, S. Pavlov, I. Onufriev, I. Bobrovich. *Ekon. stroit.* 10 no. 6:20-24 Je '68.

658(471, 318)—Yaroslavl Province

Scientific organization of labor, production, and control at the Rybnik Engine Plant. P. F. Derunov. *Prom. Bol.* 10 no. 12:3-7 D '67.

658(471, 61)—Rostov Province

Results of work under new conditions. P. A. Alokasov. *Kozh. obuv. prom.* 9 no. 5:13-18 My '68.

658(474, 2)—Estonian S. S. R.

Economic reform and the unused potential. A. Orechkin. *Avi. transp.* 45 no. 12:11-12 D '67.

658(479, 26)—Armenian S. S. R.

Towards new achievements. *Prom. Arm.* 10 no. 12:3-4 '67.

658(471, 17)—Kemerovo Province

On the construction sites of the Glazkovskiy, I. Gelfand, R. Rabinovich. *Ekon. stroit.* 10 no. 5:24-26 Jr '68.

658(574)—Kazakh S. S. R.

From practice in planning for industrial aesthetics in the production and equipment supply base of the "Kazakhstanmash." G. M. Stalitskiy, M. G. Shteyn, G. V. Levenchenko. *Organ. upr. i tekhn. del.* no. 3:31-36 '68.

658.1 Forms of business enterprise. Finance

Business accounting and improving the system of accounting in industry. V. G. Lavrov. *Organ. upr. i tekhn. del.* no. 4:119-127 '68.
Concept of the enterprise as an industrial collection of workers. V. A. Taitova. *Vest. Moskov. univ.* 23 no. 1:57-67 Ja-Ag '68.

Economic effectiveness of crossings on the basis of comprehensive evaluations. A. P. Babin. *Stroitel'stvo.* 12 no. 4:19-21 Ap '67.

Efficiency index of utilizing production capital assets in specialized branches of industry. V. S. Vainstein. *Trudy IJL* no. 6:55-57 '67.

Efficient system of payments for the use of machinery. N. Barishnikov, M. Khimich. *Stroitel'stvo.* 12 no. 1:21-22 Ap '67.

Expenditures for research in the chemical and ferrous chemical industries of capitalistic countries. N. I. Gorkhina. *Uzv.* 7:51-62 '68.

Improvement of business accounting relations in river transportation. E. Lomov. *Rech. transp.* 27 no. 5:9-11 My '68.

Improving intraplant business accounting under new planning and economic incentive conditions. M. M. Rozentaller. *Khim. prom. Ukr.* no. 1:42-45 Ja-F '68.

Indices of the management operations of enterprises. M. Fedorovich. *Vop. ekon.* no. 5:17-40 Ja '68.

Indices of utilization of production capital assets in the chemical industry. V. S. Vainstein. *Trudy IJL* no. 6:52-64 '67.

Industrialization of construction and planning capital investments in river transportation. E. Korf. *Rech. transp.* 27 no. 5:45 My '68.

Intraplant business accounting in the basis of economic reform. A. Platinin. *Rech. transp.* 27 no. 5:15-17 My '68.

Profile, profitability and use of further resources. I. N. Vovodin. *Izv. vys. uch. ziv.; i os. zhur.* 11 no. 1:100-102 '68.

The reform and the profitability. G. Gichin. *Avi. transp.* 41 no. 5:20-23 Ja '68.

Udelin, I. A. [Practice in management and business accounting under new conditions] Opyt kharakteristiki i kharakteristiki v novykh usloviyakh. Leningrad, 1967. 34 p. Leningradskiy inzh. nauchno-tekhnicheskii inzh. nauch. tsentr. (Seriya "Ekonomika i planirovaniye proizvodstva").

Slavina, S. A., and V. A. Sorokina. [Fixed payments] Fixirovannyye platizhi. Moskva, "Finansy," 1968. 56 p.

Some problems of the creation of working capital and crediting of nonpayments. A. I. Pashkova. *Kozh. obuv. prom.* 10 no. 4:20-33 Ap '68.

Strengthening business accounting in consumer's cooperative procurement. A. Zavarzhnykh. *Zakup. sel'khoz. prod.* no. 12:18-20 D '67.

Territory and the concentration of means. V. Derjasev, R. Derjasev. *Ekon. stroit.* 10 no. 6:52-54 Ja '68.

Use of bank credit for the acceleration of technological progress. I. I. Kolpashnikov. *Kozh. obuv. prom.* 10 no. 4:16-18 Ap '68.

658, 1(471, 61)—Liplov Province

Business accounting in auxiliary production. V. Bratko. *Ekon. i zhizn.* 10 no. 4:51-55 Ap '68.

658, 1(471, 62)—Krasnodar Territory

The Krasnodarskiy cereal combine in the starting point of the route. V. Supunov. *Zakup. sel'khoz. prod.* no. 4:16-17 Ap '68.

658, 1(477)—Ukrainian S. S. R.

Business accounting in the workshops of the "Svet Slava" Plant. G. Trigor. *Plan. i kuz.* 44 no. 4:42-47 Ag '68.

Recommendations of the school of economics in Vologda. A. Shchukin, N. Dostoyevskiy. *Ekon. Red. Ukr.* 10 no. 2:05-06 F '68.

658.2 Establishments. Works, plants and equipment

Belov, R. P., and R. N. Ovelanikov. [Work organizations for the safe moving of RU-75B equipment] Organizatsiya rabot po bezopasnomu peremeshcheniyu ustroystv RU-75B. Moskva, "Nefta," 1968. 60 p.

Brazhnikov, N. V., I. S. Papanov, and E. U. Elsklad. [Reducing power consumption in metallurgical plants] Snizhenie energoeticheskikh zatrat na metallurgicheskikh zavodakh. Moskva, "Metallurgiya," 1968. 135 p.

Design projects and experience in starting large ore dressing plants. V. I. Konstantinov, K. P. Reinko. *Obog. rud.* 12 no. 4:6-61-68 '67.

Everything about the ladder. Okhr. i izda i sots. strakh.

11 no. 4:15-17 Ap '68.

Experience in designing and building iron ore dressing plants. V. N. Landgraf, B. M. Kuz'min, E. T. Rodchenko. *Obog. rud.* 12 no. 4:5-60-64 '67.

- Effecting in industry. T. Glagoleva. *Otkr. truda i strokh*, 11 no. 6:17-19, 1968.
- Methodology of planning and calculating expenses for experimental work. E. M. Tort. *Trudy LPI* no. 61: 21-27 '67.
- New design projects of smelting and metallization plants. A. F. Palkovskii. *Otkr. truda*, 12 no. 4:5-6, 7-10 '67.
- Perfecting equipment stock to an important mineral potential in the increase of capital return. E. I. Petrushev. *Prum. Bel.* 10 no. 12:16-17 '67.
- Preparing for the new harvest. R. Sakulidze. *Mekh. i avtom. stroi.* 14 no. 4:2-3 '68.
- Statistical modelling of continuous production lines. V. P. Elizarov. *Trudy VTI* 40:321-331 '66.
- Statistical modelling of enterprises for the positive treatment of grain. V. M. Bunko. *Trudy VTI* 40:251-258 '66.
- 656, 2(477)—Ukrainian S. S. R.**
- Changes and indices of the efficient use of capital assets. I. V. Pliker. *Ekon. Rad. Ukr.* 10 no. 2:54-58 '68.
- Recalculation of equipment and the yield of capital. I. Ilyko. V. Babin. *Ekon. Rad. Ukr.* 10 no. 2:49-51 '68.
- Ways of the efficient use of capital assets in the industry of the Ukrainian S. S. R. N. N. Skvortsov. *Otkr. truda i strokh*, 11 no. 4:26-31 '68.
- 658, 2(477, 6)—Dnieper Basin**
- Establishing norms and the use of production stocks in metallurgical plants. T. A. Gulevova. M. M. Pukhin. *Otkr. truda i strokh*, 11 no. 4:120-124 '68.
- 658, 2(474)—Kazakh S. S. R.**
- Effect of the rationalization of capital assets on the efficiency of production in the textile industry. M. Sporysheva. *Prum. Bel.* 10 no. 12:16-17 '67.
- Efficiency of capital assets in industry. U. Babinurlov. P. A. Savov. *Ekon. Kazakh.* 10 no. 3:21-37 '67.
- 658, 3 Personnel, Human relations**
- Actual results. O. O. Stebunin. G. A. Polovinskii. *Stand. i kach.* 31 no. 12:76-77 '67.
- At the enlarged session of the Committee of the State Mining Inspection of the U. S. S. R. Bezop. truda v prom. 12 no. 4:57-60 Ap '68.
- The Ulyanovsk Central Coal Preparation Plant striving for profitability. A. A. Melnichenko. *Ugl. Prom.* 12 no. 5:33-37 May '68.
- Building sites operate on the five-day workweek schedule. A. Gaiduk. *Ekon. stroi.* 10 no. 6:6-12 Jr '68.
- Options potentials for increasing labor productivity of track machinery station workers. V. G. Pivni. *Trudy VTI* no. 268:77-80 '68.
- Options potentials for increasing the productivity of electrical railroad track workers. V. N. Ostapov. O. I. Klemin. *Trudy VTI* no. 268:69-70 '68.
- Post-employment on the main building. V. Terakhanov. *Sov. strokh.* 15 no. 12:14 '68.
- Current conditions and problems of the scientific organization of production and labor in the plants of the metal materials. M. M. Ostrovnikov. *Lakotse. mat. i tekhn. prom.* 10 no. 2:77-80 '68.
- Development of socialist competition. U. A. Petrushev. *Trudy VTI* no. 268:97-123 '67.
- Encouraging labor. G. V. Karpenko. *Sov. strokh.* 15 no. 12:3-4 Jr '68.
- Utilization of vibration during the handling of material in a hopper. S. D. Demidov. *Bezop. truda v prom.* 12 no. 4:40-49 Ap '68.
- First International Congress on the Prevention of Accidents and Occupational Diseases. V. S. Nikitin. *Bezop. truda v prom.* 12 no. 4:56-59 Ap '68.
- Workshop for fireproofed ceiling of the technological process with kerolite. T. A. Azaykov. E. A. Kalitarko. *Bezop. truda v prom.* 12 no. 4:41-42 Ap '68.
- Call to work without sparing any effort! *Sov. strokh.* 15 no. 12:1-2 Jr '68.
- Hygienic estimate of the welding in carbon dioxide in copper welding. M. I. Berman. E. K. Bakskii. A. G. Polovinskii. *Avtom. svar.* 21 no. 4:63-67 Ap '68.
- Welding inflammable mixtures with separate impacts and methods of sparking processes. *Bezop. truda v prom.* 12 no. 4:43-50 Ap '68.
- Improving visual teaching aids. V. Veisshkin. *Avi. transport.* 15 no. 12:45-46 Jr '67.
- In order to have safe labor. V. Andreev. *Otkr. truda i strokh*, 11 no. 4:7-9 Ap '68.
- Introduction of drawing blanks in designing organizations. M. A. Keshelov. *Stroitel. dor. mash.* 13 no. 3:33-38 '68.
- Utilized recording of personnel in industrial enterprises. A. L. Lushkin. *Mekh. i avtom. upr.* no. 6:19-21 N D '67.
- Worthy labor achievements in honor of the glorious anniversary. V. D. Kosarev. *Stroitel. stroi. prom.* 12 no. 7:6-7 Jr '67.
- Novopredskii, U. F., and N. M. Khatkin.** [Training cadres for industry] *Podgotovka kadrov ilia promyshlennosti.* Moskva, "Ekon. ika." 1968. 72 p.
- On the training of economists and improving the economic applications of the managerial personnel. N. I. Mokhov. *Prom. khoz.* 14 no. 7:67-70 Jr '68.
- Party organization and problems of labor safety. U. A. Machula. *Bezop. truda v prom.* 12 no. 4:38-40 Ap '68.
- Petrov, A. P. [The foreman, his labor rights and duties. A legal reference book] *Master. Trudovye prava i obiazannosti. Spravochnoe posobie po zakonodatel'stvu.* Izd. 2-e. [Moskva], Promizdat, 1968. 151 p.
- Earning to reduce alkylates. P. M. Sorokin. *Bezop. truda v prom.* 12 no. 4:28 Ap '68.
- Problems of improving railroad management work. P. I. Krutkov. *Trudy MIIT* no. 268:120-141 '68.

- Productivity of labor and development of railroad transportation in the Soviet Union. E. D. Aralovskii. *Trudy MIIT* no. 268:4-20 '68.
- Increasing cultural and technological levels of railroad workers as a potential growth of labor productivity. M. H. Narovskaya. *Trudy MIIT* no. 268:103-113 '68.
- [Safety rules and industrial sanitation in machinery industry] *Pravila tekhnicheskoy bezopasnosti i proizvodstvennoy sanitarii v mashinostroitel'noy promyshlennosti.* Izv. 19/XI 1958 g. S izm. i dop. 12 avg. 1965 g. Moskva, "Mashinostroenie," 1967. 71 p.
- Scientific organization of labor and the economics of building production. P. Panfilov. *Ekon. stroi.* 10 no. 6:13-19 Jr '68.
- Scientific organization of labor in rail and transportation. Is the most important factor in labor productivity. *prom. ika.* 11 no. 11:10-14 '68.
- Seminars on problems of investigating accidents, accounting for and analyzing industrial injuries and accidents, and also putting periodic reports in order. *Bezop. truda v prom.* 12 no. 4:50 Ap '68.
- Service crane beams, with the old of traveling rigs and repair sites. V. P. Titov. *Bezop. truda v prom.* 12 no. 4:30-33 Ap '68.
- He is proud of her profession. A. Bikhov. *Avi. transport.* 14 no. 3:5 Ap '68.
- Technical progress and place of labor productivity in locomotive and car manufacturing plants. S. G. Babin. *Trudy VTI* no. 268:78-82 '67.
- Technical progress and rise of labor productivity in transportation machinery building. O. P. Davva. *Trudy VTI* no. 268:27-56 '67.
- Thus economy labor during the period of building communism. B. I. Kozachenko. *Trudy VTI* no. 268:83-96 '67.
- Wages under the new management conditions and railroad workers' labor effectiveness. A. V. Orlov. *Trudy MIIT* no. 268:87-102 '68.

658, 3(471, 232)—Leningrad City

- Glorious traditions. I. Litvinenko. *Otkr. truda i strokh*, 11 no. 4:11-12 Ap '68.

658, 3(471, 43)—Kuybyshev Province

- Leading managerial personnel of the alcohol, flour and vodka industry of the Ministry of the Food Industry of the R. S. F. S. R. *Form. i spets. prom.* 34 no. 3:44-45 '68.

658, 3(470, 25)—Armenian S. S. R.

- The first steps. V. Bagdas. *Prom. Arm.* 10 no. 2:47-48 '68.

658, 3(466)—European communist countries as a group

- Indicators, indices, and norms. U. Garov. V. Karavayev. *Ekon. stroi.* 10 no. 6:55-62 Jr '68.

658, 3(571, 62)—Krasnodar Territory

- Brigade wages. I. Orlovskii. *Mos. kol. SSSR* 30 no. 3:15 Mr '68.

658, 3(575, 4)—Turkmen S. S. R.

- Harvest with high titles. B. Dzholilov. *Mos. ind. SSSR* 30 no. 3:1 Mr '68.

658, 5 Production management and control

- Alcon ore parality in the application of the sequential analysis method. A. B. Osterman. *Stand. i kach.* 31 no. 12:45-46 Jr '67.
- About the selection of controlled parameters. V. A. Pukhin. L. S. Timonin. *Stand. i kach.* 31 no. 12:41-43 Jr '67.
- Achievements of better drivers should be evaluated at all enterprises. *Avi. transport.* 16 no. 4:4-5 Ap '68.
- Align on the standard bearers of slack bridged. *Prom. Bel.* 10 no. 12:1-2 Jr '67.
- All-Union Public Inspection of Building Quality. E. Rikunov. *Zh. stroit.* 11 no. 2:26-27 '68.
- Analyzing network schedule graphs. A. S. Mogilevskii. P. A. Titarenko. *Stroitel. stroi. ika.* 8 no. 11:12-14 N '67.
- Application for an efficiency promotion proposal. E. P. Gavrilov. *Vop. izobr.* no. 4:24-28 '68.
- Attaining planned economic efficiency of chemical enterprises. M. A. Chukharev. *Trudy LPI* no. 61: 9-14 '67.
- A bubbling, unique drink. S. Krutkova. *Stand. i kach.* 31 no. 12:82 Jr '67.
- The central dispatcher system under new conditions. *Avi. transport.* 16 no. 12:16-19 Jr '67.
- Centralization and flow-line arrangement in servicing motor vehicles. V. F. Venchukovich. *Prom. Bel.* 10 no. 12:3 Jr '67.
- Checking the quality of sucker rods in the field. G. I. Tverinov. *IK. G. Rozhdestvenskii. Mash. i nef. obor.* no. 5:11-14 '68.
- Classification and certain peculiarities of economically efficient variants of technical solutions in welding. A. I. Feerman. *Avtom. svar.* 21 no. 4:68-70 Ap '68.
- Classification of factors and components of working conditions affecting work output. A. G. Kutuzov. *Trudy LPI* no. 60:115-122 '67.
- Classifier for economic information on the production of technical rubber and asbestos. Z. F. Pogrebinskii. I. A. Gnilorbov. V. K. Solopko. *Khim. prom. ika.* no. 2: 54-57 Jr F. (E. Mr. Ap) '68.
- Competition. P. P. Bazarov. V. S. Fomina. *Prom. Bel.* no. 12:11-13 Jr '67.

- Construction of a cost curve of a project taking into account limitations of resources. V. L. Nukonov. I. N. Plushnikov. *Izv. AN SSSR. Tekh. kib.* no. 1:41-50 Ja-F '68.
- Control computers in automated systems of management. U. P. Lapshin. *Prib. i stat. upr.* no. 10:21-23 O '67.
- Correlation analysis of indices determining the profit level in the fur industry. U. A. Kelbanov. *Kozh. i obuv. prom.* 10 no. 4:19-22 Ap '68.
- Cost of the construction of prospecting wells. G. E. Sour. *Izv. vys. uch. zav. i nef. i gaz* 11 no. 4:113-116 '68.
- Creativeness, initiative of the masses as an inexhaustible source of unused possibilities. *Avi. transport.* 16 no. 3: 1-4 Mr '68.
- Determining annual "critical" program for the output of forgings. K. M. Velikarov. U. S. Prokofiev. *Trudy LPI* no. 268:75-80 '67.
- Determining axial and sliding directions of supporting rollers. A. N. Mikol'skii. I. T. Zelenskiy. *TSement* 34 no. 1:20-21 Ja-F '68.
- Determining the average hourly working efficiency of construction machinery. *Mekh. stroi.* 21 no. 4:10-11 Ap '67.
- Increasing the standard load on the cutter-loader and hammer-mined boggy in steeply pitching seams. B. A. Il'den. *Ugol. Prom.* 12 no. 3:37-39 May '68.
- Develop the mixed feed industry, and improve the quality of mixed feeds. A. Baum. *Zakup. sel'khoz. prod.* 11:12-15 Jr '68.
- Developing consolidated network schedule graphs for project assignments. A. N. Vysotskii. *Stroitel. stroi. prom.* 12 no. 7:14-15 Jr '67.
- Distribution and ways of development of the metal industry in Azerbaijan. A. A. Mustamov. S. I. Ivanov. *Za tekhn. prog.* 6 no. 4:42-44 Ap '68.
- Drawing up production plans for final steps. R. I. Sotnikovskii. *Stand. i kach.* 31 no. 5:32-33 Jr '68.
- Economic basis of quality indices regulating standards for welding. A. I. Kuz'menko. *Stand. i kach.* 31 no. 12:55-57 Jr '67.
- Economic evaluation of the advisability of operating standby generators in a synchronous compensator regime in small hydroelectric power stations. F. N. Nachabov. *Za tekhn. prog.* 6 no. 3:13-14 Mr '68.
- Economic evaluation of the effectiveness of the use of current assets in pipelines. V. B. Savitskii. I. U. Karas'. *Nef. khoz.* 36 no. 7:40-51 Jr '68.
- Economic indices as criteria of optimal management based on an example in ore dressing. U. D. Tshkov. *Izv. AN SSSR. Tekh. kib.* no. 1:51-50 Ja-F '68.
- Economic indices of the evaluation and justification of the future specialization of production of units and parts. E. M. Korik. A. P. Gurev. A. R. Brit'. *Trudy LPI* no. 268:5-12 '67.
- Economic problems of selecting a variant of technological process for the final machining of parts. M. I. U. Shreiner. *Trudy LPI* no. 268:60-74 '67.
- [Economic, production organization and planning in coal preparation plants] *Ekon. ika.* 11 no. 12:10-11 '68.
- Effect of blowing the bath with a steam-oxygen mixture on the quality of rails and furnace performance. A. G. Berfel' and others. *Stroitel. stroi. ika.* 8 no. 13:80-85 '67.
- Effect of the parameters of a control system on the readiness factor of the object. U. V. Kalatazhov. *Stand. i kach.* 31 no. 12:44-45 Jr '67.
- Efficiency promoters are demonstrating and explaining. V. Tsherekin. *Inform. bl. VDNKH* no. 1:31 Ja '68.
- Efficient organization of production as a means to increase labor productivity. N. N. Shchegolev. *Kozh. i obuv. prom.* 10 no. 4:12-15 Ap '68.
- Efficient use of potentialities in a plant. U. I. Dushko. V. I. Sidenovich. D. I. Golitskii. *TSement* 34 no. 1:13 Ja-F '68.
- Increasing the introduction of new time norms for construction. *Ind. stroi. tekhn.* 23 no. 1:6-8 Ja '67.
- The exhibition bears witness to the experience of the economic reform. S. Osadchenko. *Inform. bl. VDNKH* no. 1:4-6 Ja '68.
- Existence of solutions for multiaxis problems in optimization of processes. V. V. Paltovskii. *Izv. AN SSSR. Tekh. kib.* no. 1:33-34 Ja-F '68.
- Experience of work under new conditions. V. M. Sukholovskii. V. I. Vrublevskii. *Prom. Bel.* 10 no. 12: 22-23 Jr '67.
- First stage in reaching the planned production capacity of a new enterprise. V. S. Smirnovskii. *Trudy LPI* no. 61: 15-16 '67.
- For the efficient use of material resources. S. Semlin. *Mos. kol. enabiz.* 3 no. 5:76-78 May '68.
- [General engineering norms for metal-cutting operations used in the standardization of work on machine tools] *Oshchekomashinostroitel'nye normativy rezhimov rezaniia dia tekhnicheskogo normirovaniia rabot na metalloobrabotnykh stankakh.* Moskva, "Mashinostroenie." Ch. 1. [Turning, vertical boring and turning, turret, diamond-boring, drilling, planing, slotting, and milling machines] Tokarnyye, karusel'nye, tokarno-revol'yutsionnye, almazno-rasichnyne, sverlil'nye, strogail'nye, dolbezhnyie i trozernyye stanki. 1967. 412 p.
- General plans for oil and gas prospecting operations as basic prerequisites for the economically founded preparation of reserves. E. F. Frolov. *Nef. i gaz. prom.* 10 no. 3:11-13 My-Je '68.
- High standards of production is the guarantee of success of an enterprise. M. I. Kolesnik. *Ogneuproy* 33 no. 5: 0-11 '68.

- Ashen'kin, N. I.** [Economic aspects of inventions and efficiency promotion in an enterprise operating on a business accounting basis] *Voprosy ekonomiki izobretatel'stva i racionalizatsiya na khozraschetnom predpriyatii*. Leningrad, 1967. 24 p. (Leningr. dom nauch. i tekhn. propagandy. Seriya "Ekonomika i planirovaniye proizvodstva").
- Important factor for increasing the efficiency of production.** E. Grigorian. *Prum. Arm.* 13 no. 2:43-44 '68.
- Important potentiality for improving the efficiency of production.** M. Siverskiy, H. Chernenko. *Ekon. Rad.* 10 no. 2:61-69 F '68.
- Improvement in branch planning and managing of industrial enterprises.** A. F. Sokolovskiy. *Vest. mashinost.* 48 no. 5:81 My '68.
- Improvement of in-plant planning.** V. A. Karchulov. *Tsment.* 33 no. 3:17-18 My-Je '67.
- Improving the organization of quality control.** L. G. Patel. *Stand. i kach.* 31 no. 12:47-48 D '67.
- Improving the quality of 17GS steel for large diameter pipes by the method of refining with synthetic slag in the ladle.** F. S. Katinikov and others. *Stal* 12 no. 3:264-266 Apr '68.
- Industrial sections of the All-Union Society of Inventions and Efficiency Promoters.** M. Begozov. *Avt. transp.* 45 no. 12:6-7 D '67.
- Intelligent conference of scientific principles of high efficiency technological processes in the machine and cutting-tool industry.** E. A. Stetl'. *Vost. mashinost.* 48 no. 5:81-82 My '68.
- Internal resources for the increase of shoe output.** O. A. Marekhdov. *Khoz. obuv. prom.* 10 no. 4:1-7 Apr '68.
- Introducing scientific organization of labor into the "Vostokskoye proizvodstvo" Trust.** Kh. A. Lekhakov. *Stroitel'stvo* 12 no. 12:20-31 D '67.
- Isomina, L. I.** [Mathematical economics methods of developing norms for materials] *Ekonomiko-matematicheskiye metody razrabotki material'nykh normativov*. Moskva, "Ekonomika," 1968. 54 p. (Iz chita khaz. rukovoditel'ov).
- Item specialization in the shoe industry.** V. A. Afanas'yev. *Khoz. obuv. prom.* 10 no. 3:15-18 Mr '68.
- Kamenetskii, L. E., and M. F. Glrko.** [Technical and economic grounds and calculations in the design of open-pit coal mines] *Tekhniko-ekonomicheskiye osnovaniya i raschety pri projektirovani ugol'nykh kar'yerov*. Moskva, "Nedra," 1968. 144 p.
- Kozko, F. I.** [Economics, production organization and planning in open-pit mining] *Ekonomika, organizatsiya proizvodstva i planirovaniye na okrytykh gornykh rabotakh*. Izd. 2-e, pererabot. i dop. Moskva, "Nedra," 1967. 288 p.
- A laboratory three-stack electric furnace with an automatic temperature control.** G. I. Semlet. *Prum. Bel.* 10 no. 12:28-29 D '67.
- Limitless supply of petroleum products.** V. V. Razumov. *Transp. i khran. nefti i nefteprod.* no. 4:23-24 '69.
- Machine molding in small batch production.** V. V. Chisnikov. *Lit. proizv.* no. 1:48 Ja '68.
- Management of reserves for randomly distributed reorder points.** I. U. I. Ryzhikov. *Izv. AN SSSR, Tekh. kib.* no. 1:21-32 Ja-F '68.
- Mathematical modeling and precision calculation of some technological processes.** A. M. Gavrilov, L. R. Sizemov. *Stand. i kach.* 31 no. 12:26-31 D '67.
- Mechanization and automation of operative production planning by using electronic computers.** A. I. Tamarkin. *Prum. Bel.* 10 no. 12:18-19 D '67.
- Mechanization in documentation and payroll preparation by means of electronic computers.** K. A. Verzunov. *Vest. mashinost.* 48 no. 5:76-79 My '68.
- Meeting of party economic activities of the Ministry of Machine-Tool and Cutting-Tool Industry.** *Vest. mashinost.* 48 no. 5:83 My '68.
- Method and practice in using motion-picture films in planning for the labor process in lowering and lifting the drilling tool.** L. A. Freger, I. B. Shmakov, S. N. Afarov. *Organ. i upr. nefteudob. prom.* no. 3:7-10 '68.
- Method and theoretical basis for the unification of products in the machinery construction industry.** P. M. Poddesiatki. *Stand. i kach.* 31 no. 12:9-10 D '67.
- Method for analyzing digit computer models as multiphase queueing systems with finite times.** G. T. Artamonov, E. A. Buzagin. *Izv. AN SSSR, Tekh. kib.* no. 3:3-13 My-Je '68.
- Method for the analysis of the technical level of articles.** V. N. Shchukov. *Trudy LPI* no. 288:48-50 '67.
- Method of controlling slurry flow into kilns.** S. A. Popov. *Tsment.* 33 no. 3:18-19 My-Je '67.
- Method of establishing time norms for attaining planned production capacity.** M. Melashukin, A. Sidorov, I. Cherevko. *Plan. khoz.* 44 no. 8:28-34 Ag '68.
- Method of solving one class of problems in the scheduling theory.** S. I. Zhuravchenko. *Izv. AN SSSR, Tekh. kib.* no. 1:69-67 Ju-F '68.
- Methods of calculating standards for the formation of funds for economic incentives in shipbuilding.** A. V. Stepanko. *Sudostroenie* 58 no. 3:40-64 Mr '68.
- Methods of planning labor productivity in mines of the Krivoy Rog Basin.** V. T. Kovat'. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 5:97-91 '68.
- Millions saved by innovators.** L. A. Velich. *Prum. Bel.* 10 no. 12:45-46 D '67.
- Motto of the scientific technical societies is to accelerate the technical progress.** *Avt. transp.* 46 no. 3:5-7 Mr '68.
- Network schedule graph for equipment repair.** S. I. Sukhorukov. *Tsment.* 34 no. 1:19 Ja-F '68.
- New concept of the economic responsibility of enterprises and organizations.** R. A. Khachaturov. *Stroitel'stvo*. Uzb. 9 no. 1:42-43 Ja '68.
- New system of planning and economic stimulation in operation.** S. M. Levyn. *Nef. khoz.* 49 no. 5:1-5 My '68.
- The 1957 production quota was filled ahead of time.** *Stroitel'stvo*. Uzb. 9 no. 1:13 F '68.
- Onsk longshoremen are organizing their work.** P. Shrikov. *Rech. trazar.* 27 no. 5:13-15 My '68.
- On the problem of planning for time schedule.** A. N. Aronovich. *Ekon. i mat. metod.* 4 no. 3:401-408 My-Je '68.
- On the quality of forgings.** I. P. Rogachev. *Stand. i kach.* 31 no. 12:17-18 D '67.
- Opposite compressors at the Sumy Plant made after France.** I. V. Simonovskii. *Khim. i nef. mashinost.* no. 3:43-44 Ap '68.
- Optimization of costs.** S. A. Pilevskii. *Izv. AN SSSR, Tekh. kib.* no. 1:53-60 Ja-F '68.
- Optimum distribution of mineral fertilizer warehouses in the Azerbaijan S.S.R.** Sh. A. Samad-Zadeh, F. A. Kasumiy. *Za tekhn. prog.* 8 no. 1:47-48 Ja '68.
- Optimum scale of production in machinery construction.** A. I. Ikin. *Vest. mashinost.* 48 no. 5:72-74 My '68.
- Organization of production in various branches of the machine-tool industry. Bibliographical index of Soviet literature (1917-November 1967)** *Organizatsiya proizvodstva v razlichnykh otzvalakh stankostroitel'noy promyshlennosti. Bibliograficheskiy ukazatel' otechestvennoy literatury (1917-nolabr' 1967 gg.)*. Moskva, 1967. 84 p.
- Pay greater attention to studying and checking technical documentation.** N. P. Zubenko. *Transp. stroit.* no. 5:38, 47 My '68.
- Pollavets, V. V. and I. B. Strashnikov.** [Improving the quality of cast iron] *Povysheniye kachestva chuguna. Dnepropetrovsk, "Promin," 1967. 88 p.*
- Positively for reducing costs in setting up light equipment in Western Siberia.** I. A. M. Kagan, S. N. Vasnerman. *Stroitel'stvo*. Uzb. 9 no. 1:11-13 Ap '67.
- Potapov, V. P., and S. F. Malashov.** [Freight and commercial operations on railroads] *Gruzovaya i kommercheskaya rabota zheleznnykh dorog*. Moskva, "Transport," 1967. 360 p.
- Potentialities for increasing labor productivity in blanket production.** I. M. Gratsershteyn, I. A. Sh. Sosnovskii. *Tsvet. met.* 41 no. 2:59-64 F '68.
- Present-day state of the art and prospects for the development of instrument technology.** A. N. Gavrilov. *Prub. i stat. upr.* no. 10:64-65 O '67.
- Present state and prospects of specialization in the production of the equipment.** I. K. Porokil. *Vost. mashinost.* 48 no. 5:74-75 My '68.
- Pressing problems in the development of technical means for production management.** M. E. Bakhovskii, D. V. Svecharkin. *Prub. i stat. upr.* no. 10:3-6 O '67.
- Principal problems in the construction of automated systems of management for the national economy.** K. M. Rudnev. *Prub. i stat. upr.* no. 10:1-2 O '67.
- Principal trends and problems in the construction of automated systems for the management of discrete production processes.** R. L. Ashatkin. *Prub. i stat. upr.* no. 10:11-14 O '67.
- Principal trends and problems in the construction of automated systems for the management of technological processes.** I. K. Petrov. *Prub. i stat. upr.* no. 10:14-16 O '67.
- Production quality constitutes an important problem of economics.** K. Kholevitskaya-Goz'dik. *Stand. i kach.* 31 no. 12:56-59 D '67.
- Properties of commodity use value and improving the planning.** T. D. Aitova. *Vest. LGU* 23 no. 5:11-23 Mr '68.
- Reorganizing standardization service into a standardization and quality service.** N. V. Tshkurin, A. N. Zaitsev. *Stand. i kach.* 31 no. 12:34 D '67.
- Schedule graphs in designing.** A. P. Prizhalko. *Khim. stroit. tekhn.* 29 no. 1:35-38 Ja '67.
- Scientific labor organization should be adopted on a large scale.** V. Timanskii. *Avt. transp.* 46 no. 4:6-8 Ap '68.
- Scientific organization of labor in an enterprise.** V. Voronkov. *Vop. ekon.* no. 5:18-128 My '68.
- Scientific organization of labor in the machine tool industry.** M. I. Golovanova. *Khleb. i kond. prom.* 12 no. 7:30-32 Ji '68.
- Seminar "Algoritmizatsiya proizvodstvennykh protsessov."** [Seminar "Algorithmization of production processes"; reports] *Seminar "Algoritmizatsiya proizvodstvennykh protsessov"; doklady*. Kiev. Vyp. 1. 1966. 102 p.
- Setting work norms in the examination of patent rights.** A. G. Tomachev, S. A. Levitskii. *Vop. izob.* no. 5:42-44 My '68.
- Shor, A. A., and N. G. Varakhtin.** [Establishing norms and wages for workers of sea harbors] *Normirovaniye i opлата truda rabotnikov morezkh portov*. Izd. 2-a, dop. i pererabot. Moskva, "Transport," 1967. 212 p. (Ekonomika i ekspluatatsiya morskogo transporta).
- Some problems of determining the optimum level of the dependency of machinery from the economic point of view.** I. A. Matveev. *Trudy LPI* no. 288:81-87 '67.
- Some recommendations for organizing technological processes at a plant supplying materials for large-panel house construction.** R. R. Khalilov. *Stroitel'stvo*. Uzb. 8 no. 11:11 '67.
- Soviet system of reporting on production quality.** V. Stekhov. *Tekh. est.* 3 no. 1:2-3 Ap '68.
- Special features of goodette alignment of high capacity rotary kilns.** D. A. Rotak, V. S. Platonov. *Tsment.* 33 no. 3:11-12 My-Je '67.
- Specialization and its economic effectiveness.** N. G. Aitov. *Za tekhn. prog.* 8 no. 3:47-48 My '68.
- Standardization and quality in instrument manufacture.** I. I. Shmakov. *Prub. i stat. upr.* no. 10:62-63 O '67.
- Standardization in the national economy of the U.S.S.R. (1917-1967)** *Standartizatsiya v narodnoy khozaystvennoy SSSR. 1917-1967*. Pod red. V. V. Dolzova. Moskva, Izd. standartov, 1967. 274 p.
- Standardization of scales of electronic automatic bridges operating with semiconductor thermistors.** O. S. Seib, S. V. Lachikov. *Prub. i stat. upr.* no. 2:9-10 F '68.
- Starobil'seva, V. S.** [Collection of problems on the establishment of engineering norms for machinery manufacture. (Metal-cutting and fitting-assembling operations)] *Sbornik zadach po tekhnicheskoy normirovaniyu v mashinostroenii*. (Sbornik yel'sleznarobochnoy raboty). Moskva, "Mashinostroenie," 1967. 151 p.
- Studying the meaning flow of claims for oil well repairs.** V. V. Kuz'ka, A. A. Kosharkenko. *Izv. vuz. ucheb. zav. i nef. i gaz.* 11 no. 1:70-93 '68.
- Studying time norms.** S. V. Smirnov. *Vost. mashinost.* 48 no. 5:70-80 My '68.
- System of automatic control of technical services in motor vehicle transportation enterprises.** R. Khelner, B. Skirina. *Avt. transp.* 46 no. 4:26-28 Ap '68.
- Technical and economic analysis and the justification of plans.** M. Chumikov. *Plan. khoz.* 44 no. 8:23-27 Ag '68.
- Technical and economic evaluation of the estimated results of the compilation of produce in the production of canned milk.** I. V. Cherkutnev. *Trudy VNI* no. 43:141-147 '60.
- Technical information volume.** I. T. Bulko. *Prum. Bel.* 10 no. 12:38 D '67.
- Technological program and the scientific organization of labor.** V. Il'inskiy. *Prum. i khim.* 10 no. 4:43-43 Ap '68.
- Tikhonov, D. I.** [How to organize efficiently the use of new articles] *Kak racional'no organizovat' ispol'zovanie novykh izdelii*. Moskva, "Ekonomika," 1968. 56 p. (Dzika khoz. rukovoditel'ov).
- Two extremum problems of network planning.** I. A. Radchuk. *Khim. i mat. metod.* 4 no. 3:401-421 My-Je '70.
- Using electronic computers for selecting the optimum capacity of an enterprise.** K. V. Zaitsev, N. A. Kiselev, I. A. Isomina. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 5:97-100 '68.
- Using electronic computers to calculate the daily plan for work assignment to shifts in harbors.** V. Savin, N. Fadeyev. *Avt. transp.* 27 no. 6:20-21 My '66.
- Utilizing economic mathematical methods in determining the optimum content of useful matter in the initial raw material.** E. V. Ilyuzgailov, V. I. Nalazov. *Trudy LPI* no. 18:71-80 '67.
- Volkov, O. I.** [Economic efficiency of production mechanization and automation in small and large-scale production] *Ekonomicheskaya effektivnost' mekhanizatsii i avtomatizatsii proizvodstva v mashinostroenii v usloviyakh massovogo i krupnoyemnogoproizvodstva*. Moskva, "Mashinostroenie," 1966. 124 p.
- Ways for improving the organization of work in core recovery.** M. A. Alekseyev, I. P. Konstantinov, P. A. Ilin. *Ref. khoz.* 41 no. 6:20-22 My '66.
- What is now in making up complete sets of equipment and supplies needed in construction.** M. Garat'at'i of others. *Prum. i khim.* 10 no. 4:27-30 Je '66.
- What should the chapters be like on water engineering and savings in construction norms and regulations.** *Vod. i snab. tekhn.* no. 7:1-2 '68.
- Why the above-norm inventories are growing.** N. Zard'at'. *Mat. i tekhn. anal.* 3 no. 6:52-57 My '68.
- Work experience of ferrous metallurgy plants as for the new condition.** V. I. Savvin. *Stal* 12 no. 3:272-276 Mr '68.
- Zhelezov, V. A., and S. M. Polotskii.** [An industrial branch under new conditions] *Otrast' v novykh usloviyakh*. Moskva, "Ekonomika," 1968. 54 p. (Ob ekonomike, glivk. otrast' v novykh usloviyakh).

658.5(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

Increased the speed and improve the quality in the construction of granaries and grain processing plants at the Russian Federation. I. Kachilov. *Khoz. obuv. prom.* 34 no. 3:12-14 Mr '68.

658.5(471.232)—Leningrad City

Organization of work for using the STU system in machinery manufacturing. I. K. Knezelin. *Trudy LPI* no. 288:100-100 '67.

Practices in using a system of continuous operative and production planning in the instrument industry. A. N. Kilmov, E. K. Tshurkov. *Trudy LPI* no. 288:107-111 '67.

Studying the influence of specialization on the use of different types of assembly lines. I. M. Karlik, A. P. Oranlov. *Iz. Sh. Gel'gor. Trudy LPI* no. 288:21-30 '67.

658.5(471.310)—Moscow City

The number of lines. I. U. Molodov. *Stand. i kach.* 31 no. 12:81 D '67.

658.5(471.311)—Moscow Province

Adoption of the scientific organization of labor by an enterprise. A. I. Bolinov. *Khleb. i kond. prom.* 12 no. 7:26-27 Ji '68.

658.5(471.41)—Tatar A.S.S.R.

Improve the efficiency of audits. M. Suleimanov. A. Grinits. *Mat. i tekhn. anal.* 3 no. 4:68-69 Ap '68.

- 658, 5(471, 52)—Bashkir A. S. S. R.
Establishing work norms for hourly workers in the "Purpashen" Oil Field Administration. V. G. Sorokolev, N. A. Zaitseva. Organ. i upr. metodob. prom., no. 3:26-28 '68.
Organization of production and labor in the underground repair of wells in the "Buzhinskii" Oil Field Administration. G. S. Vasil'ov. Organ. i upr. metodob. prom., no. 3:24-26 '68.
- 658, 5(471, 531)—Komi A. S. S. R.
The new goals of scientific organization of labor. A. M. Fedorov. Organ. i upr. metodob. prom., no. 3:30-32 '68.
- 658, 5(471, 6)—North Caucasus
Utilization of radio communications in dispatching services of the Glavsevkavst. IG. K. Glukh, V. M. Markin. Mekh. stnt. 24 no. 4:8-11 Ap '67.
- 658, 5(471, 61)—Roslov Province
Incentives for technological progress and socialist production of the means of production. N. Gurolovetki, M. Khoez. 31 no. 9:35-42 Ap '68.
A party province committee on technical re-equipment of enterprises. Part. zhizn. no. 17:66-67 S '68.
- 658, 5(477)—Ukrainian S. S. R.
Achievements in the scientific organization of labor. V. Khilimchenko. Stan. ind. SSSR 30 no. 3:17-18 '68.
Contribution in the field of grain production in the Ukrainian S. S. R. B. Gornilukh, B. Shuklov. Mekh. stnt. 34 no. 3:14-15 Ap '68.
Economic work in an enterprise. B. Maloyev. Ekon. i zhizn. 10 no. 2:11-14 F '68.
Establishing work norms and material incentives in enterprises. L. Kryzha. Ekon. i zhizn. 10 no. 2:25-30 F '68.
P. K. K. L. K. and A. I. Vygodskii. [Mechanization of operations in machinery plants of the Dnepropetrovsk Metallurgical Plant na mashinostroitel'nykh zavodakh Dnepropetrovsk. Dnepropetrovsk, "Trudilnik" 1967, 62 p.]
Improving the management of the process of specialization of production. IU. Lohynskiy. Ekon. i zhizn. 10 no. 5:30-31 My '68.
Criteria of economy and thrift. B. Maloroda. Mat. i tekhn. snabzh. 3 no. 8:20-30 My '68.
Organization and means for improving the work in the scientific organization of labor. Z. Surkhenko. Ekon. i zhizn. 10 no. 5:60-73 My '68.
To a higher level through confidence. B. Babitsenko. Ekon. i zhizn. 10 no. 5:62-67 My '68.
Ways of improving the quality of industrial products. V. S. Prokopenko, A. M. Gukh. Drg. i plan. str. nar. khoz. no. 4:97-101 '68.
- 658, 5(477, 6)—Donets Basin
Comparison of potentialities. I. Poloka, V. Pronkin. Mat. i tekhn. snabzh. 3 no. 8:62-93 My '68.
- 658, 5(477, 8)—Western Ukraine
Carr for savings: timing and quality. F. Seleznev. Agitator no. 9:12-24 My '68.
- 658, 5(478)—Moldavian S. S. R.
Industrial enterprises and production management. S. Orlov. Plan. khoz. 14 no. 7:101-103 M '68.
- 658, 5(478, 21)—Azerbaijan S. S. R.
Scientific and technical information about the enterprises of the Azerbaijan S. S. R. D. M. Mekhtiev. Za tekhn. prog. 3 no. 5:10-16 My '63.
- 658, 5(571, 14)—Novosibirsk Province
Regime of economy and procurement. N. Dybenko. Mat. i tekhn. snabzh. 3 no. 4:10-19 Ap '68.
Scientific organization of labor at the Novosibirsk Machine Factory. I. A. Matdan, B. G. Lina. Khleb. i knd. prom. 12 no. 7:28-29 Ji '68.
- 658, 5(571, 17)—Kemerovo Province
Experience of the Kemerovo State Control Laboratory. P. V. Gagarin. Stand. i kach. 31 no. 12:77 D '67.
- 658, 5(574)—Kazakh S. S. R.
Some results and problems of the economic reform. T. A. Aslimbaev, K. K. Zlobin. Probl. sovr. ekon. Kazakh. no. 3:3-20 '67.
- 658, 5(575, 1)—Uzbek S. S. R.
Bastilles of the reform. B. Bezrukov. Ekon. i zhizn. 13 no. 4:38-42 Ap '68.
Establishing work norms. V. Shchil. Ekon. i zhizn. 10 no. 4:66-68 Ap '68.
The experience shows. S. Salimov. Ekon. i zhizn. 10 no. 3:32-33 Mr '68.
The fall and the upsurge. I. Kas'kov. Ekon. i zhizn. 10 no. 3:34-38 Mr '68.
For introducing the scientific methods of management. Ekon. i zhizn. 10 no. 4:21-22 Ap '68.
Potentialities of the coal industry. I. Savchukov. Ekon. i zhizn. 10 no. 3:28-31 Mr '68.
Remember the consumer. A. Bukharboev. Ekon. i zhizn. 10 no. 4:47-50 Ap '68.
- 658, 5(575, 4)—Turkmen S. S. R.
Improving methods for establishing norms for auxiliary works in drilling. I. V. Agatonov, V. O. Ermekeov. Organ. i upr. metodob. prom. no. 3:20-33 '68.
- 658, 567 Utilization and control of waste, scrap, old material Bonus for metal waste collection. S. Gerasimov. Prom. Arm. 10 no. 2:78 '68.
Ergochemical treatment of wood wastes. D. V. Tshetenko. Stan. ind. SSSR no. 10:29-36 '67.
Industrial wastes as substitute for lime. N. L. Rashchuk, A. L. Rabinovich. Ved. i sn. tekhn. no. 7:29-30 Ji '68.
Selenium recovery from slanting dusts by electric leaching. E. V. Davydov, IU. A. Kuz'min. TSvet. mel. 41 no. 2:71-73 F '65.
- 658, 567(574)—Kazakh S. S. R.
Effectiveness of the comprehensive use of raw materials in nonferrous metallurgy. Sh. D. Urpikov. Probl. sovr. ekon. Kazakh. no. 3:107-116 '67.
- 658, 567 Commercial and trading business technique
Improving the system of depreciation allowances. I. Bronshteyn, A. Shul'man. Avt. transp. 46 no. 4:8-11 Ap '68.
Polov, N. V. [Inspection of the quality of grain products and of faced cakes during transportation] Inspektirovante kachestva zernoproduktov i zhmykhov pri pererabotkakh. Izd. 3-e, pererabot. i dop. Moskva, "Kolos," 1967, 95 p.
- 658, 567 Buying, procuring and management of stock
Difficulties accounting in farm procurement. I. Karlyuk. Mat. i tekhn. snabzh. 3 no. 5:42-47 My '68.
Difficulties correspondence in the supply of materials and equipment. N. Vasin. Mat. i tekhn. snabzh. 3 no. 4:72-73 Ap '68.
Centralized delivery of fertilizers. I. Polonskiy. Mat. i tekhn. snabzh. 3 no. 5:38-41 My '68.
Conference of workers of enterprises. I. Belov. Mat. i tekhn. snabzh. 3 no. 4:60-61 Ap '68.
Disorders in the procurement of material. G. Elashchenko. Mat. i tekhn. snabzh. 3 no. 3:91-92 My '68.
Distribute supplies efficiently. K. Makhmudov. Mat. i tekhn. snabzh. 3 no. 4:23-29 Ap '68.
For cashing in export steel in materials. B. Klen. Mat. i tekhn. snabzh. 3 no. 4:67-68 Ap '68.
Improve the procurement system periodically: review of letters received by the editor. Mat. i tekhn. snabzh. 3 no. 5:61-66 My '68.
- 658, 567 Management and principles of the mechanization of procurement organizations [Skidskoo khoziasitvo i osnovy mekhanizatsii zagotovki i zhizn. predpriyati. Moskva, "Ekonomika," 1968, 203 p.]
- 658, 567 [Supplying materials to individual building firms. (Based on the practice and examples of construction organizations of the Ministry of the Construction of Transportation Systems of the U. S. S. R.) Miroslav-zhizniet stroitel'stva. (Na osnove i primerakh stroitel'nykh organizatsii Ministerstva transportnykh stroitel'stva SSSR. Moskva, "Transport," 1967, 80 p.)
- 658, 567 Methods for the analysis of statistical reports. A. Puzorcheva. Mat. i tekhn. snabzh. 3 no. 5:68-75 My '68.
News from regional administrations. A. Muratov. Mat. i tekhn. snabzh. 3 no. 4:93-94 Ap '68.
Problems of improving the supply of materials and equipment. Mat. i tekhn. snabzh. 3 no. 5:8-26 My '68.
Problems of the optimal attachment of the consumer to the suppliers. N. Fedorenko, E. Nestorov, E. Khritskit. Mat. i tekhn. snabzh. 3 no. 4:10-22 Ap '68.
Provide the workshops with centralized procurement. M. Karanik. Mat. i tekhn. snabzh. 3 no. 5:65-67 My '68.
Simplify forms for the application and calculation of needs for material resources. I. Burshetov, P. Karpov. Mat. i tekhn. snabzh. 3 no. 5:36-38 My '68.
Supplying national economy with nonferrous metals. K. Barchenov. Mat. i tekhn. snabzh. 3 no. 4:41-43 Ap '68.
V. I. Lenin on the supply organization of the national economy. D. Ignatiev, B. Lakovtov. Mat. i tekhn. snabzh. 3 no. 4:1-8 Ap '68.
Ways of improving the organization of working out the material balances. A. M. Nevelov. Org. i plan. str. nar. khoz. no. 4:111-116 '68.
- 658, 7(470)—White Russian S. S. R.
Concerns of the procurement agents of enterprises. V. Kulik. Mat. i tekhn. snabzh. 3 no. 4:62-64 Ap '68.
- 658, 7(477)—Ukrainian S. S. R.
Eliminate deficiencies in the formation of stocks of ferrous metals. V. Titarenko. Mat. i tekhn. snabzh. 3 no. 5:38-39 My '68.
Methods for machine processing of applications. V. Seleznevskii, M. Lebedev, S. Kogan. Mat. i tekhn. snabzh. 3 no. 5:67-64 My '68.
Our claims toward the manufacturing plants. L. Merentsev. Mat. i tekhn. snabzh. 3 no. 4:61 Ap '68.
Use of computers in planning for procurement. V. Roznitskov, A. Nevelov. Mat. i tekhn. snabzh. 3 no. 4:40-54 Ap '68.
- 658, 7(477, 8)—Donets Basin
Economic criteria for selecting a form of machinery supply under the conditions of the Donets Basin. L. V. Kolabin. Org. i plan. str. nar. khoz. no. 4:12-40 '68.
Improving the procurement of geological organizations. N. Isaeva. Mat. i tekhn. snabzh. 3 no. 4:78-77 Ap '68.
- 658, 7(479, 25)—Armenian S. S. R.
Operate transport more efficiently. M. Arakelian. Sov. iorg. 41 no. 5:18-19 My '65.
- 658, 7(57)—Asiatic U. S. S. R.
Organization of workpieces procurement for enterprises. T. Golovina. Mat. i tekhn. snabzh. 3 no. 5:47-52 My '68.
- 658, 7(571, 14)—Novosibirsk Province
Regime of economy and procurement. N. Dybenko. Mat. i tekhn. snabzh. 3 no. 4:10-19 Ap '68.
- 658, 7(571, 63)—Martime Territory
Why marketing costs have increased. I. Vlovskii. Mat. i tekhn. snabzh. 3 no. 4:75-76 Ap '68.
- 658, 7(574)—Kazakh S. S. R.
Supplying enterprises of Kazakhstan under the new conditions. A. Kuz'min. Mat. i tekhn. snabzh. 3 no. 4:44-46 Ap '68.
- 658, 7(574) Marketing, Selling, Distribution
Decisions of arbitration agencies. Sov. iorg. no. 0:32 My '65.
Guz, R. Z. [Organization of the trade of industrial goods] Organizatsiia torgovli promyshlennymi tovarami. Moskva, "Ekonomika," 1968, 288 p.
May Day celebration by the enterprise. First day of the workers' process. Z. Murkin. Sov. iorg. 41 no. 5:34-37 My '68.
Methodological recommendations on the development and introduction of plans for scientific organization of labor: a sequel. Sov. iorg. 41 no. 5:44-45 My '68.
Organization of small-scale wholesale trade. L. Sakharova. Mat. i tekhn. snabzh. 3 no. 4:78-84 Ap '68.
- 658, 8(471, 311)—Moscow Province
Organization in the main thing. IA. Khamshev. Sov. iorg. 41 no. 5:39-33 My '68.
- 658, 8(477, 8)—Western Ukraine
Trade discounts and the profitability of public dining rooms. IU. Kuz'min, O. Iliia. Sov. potreb. koop. 12 no. 2:50-51 F '68.
- 658, 8(477, 9)—Crimea
Regularize the marketing of canned fruit and vegetables produced on collective and state farms. I. Mal'kov. Zakup. sel'khoz. prod. no. 3:21-22 Mr '68.
- 658, 8(479, 22)—Georgian S. S. R.
Give more attention to the enrollment in trade schools. Sh. Mgrulishvili. Sov. iorg. 41 no. 5:54 My '68.
- 658, 8(571, 11)—Kurgan Province
Scientific organization of labor laboratories need guidance. M. Kabanov. Sov. iorg. 41 no. 5:55 My '69.
- 658, 8(571, 14)—Novosibirsk Province
How we train salespeople-window trimmers. L. Gurlovich. Sov. iorg. 41 no. 5:60-62 My '68.
- 658, 8(575, 1)—Uzbek S. S. R.
The propeller should propel. E. Zhislin. Ekon. i zhizn. 10 no. 3:84-87 Mr '68.
- 658, 8(575, 2)—Kirgiz S. S. R.
Put the art of trade in the foreground. Sov. potreb. koop. 12 no. 3:14-15 Mr '68.
- 659 Publicity, Information
Qualifying as a method of studying public opinion. T. I. Pavlova. Nauch. dokl. vys. shkoly. filoz. nauk II no. 3:114-121 '68.
Results of the all-Union competition. N. Minasova. Sov. iorg. 41 no. 5:56-59 My '68.
Safety measures on the screen. B. Mal'chavskii. Okhr. truda i zots. strakh. 11 no. 4:30-31 Ap '68.
- 659(479, 24)—Azerbaijan S. S. R.
Scientific and technical information about the enterprises of the Azerbaijan S. S. R. D. M. Mekhtiev. Za tekhn. prog. 3 no. 5:46-48 My '63.
- 659(571, 14)—Novosibirsk Province
How we train salespeople-window trimmers. L. Gurlovich. Sov. iorg. 41 no. 5:60-62 My '68.
- 659(575, 1)—Uzbek S. S. R.
The propeller should propel. E. Zhislin. Ekon. i zhizn. 10 no. 3:84-87 Mr '68.

66 CHEMICAL INDUSTRY. CHEMICAL TECHNOLOGY

- Analysis of the equation of concentrations of the stepped countercurrent interphase exchange. B. G. Mel'nikov. Zhur. prikl. khim. 41 no. 3:671-578 Mr '68.
Attaining planned economic efficiency of chemical enterprises. M. A. Chikmarov. Trudy LIF no. 81: 8-14 '67.
Conditions and prospects for the adoption of digital computers in the management system of the chemical industry. V. I. Grubov, V. G. Medynskii. Khim. prom. tkr. no. 2:21-28 Jo-F [i.e. Mr-Apr] '68.

- tion between phases and the degree of emulsion polymerization of styrene. V. V. Oshers, *Vysokom. sool. Ser. A* 10 no. 3: 159.
- fluid-bed flotation machines for the sulfur ores. N. F. Meschchenko and others, *prom.* 44 no. 6:70-71 Je '68.
- Industrial crystallization of sodium fluid-bed apparatus. V. G. Khorooshilin, S. I. A. Pashchenko, *Khim. prom.* 44 no. 6:68.
- fluidized granulated material through a vertical wall. N. I. Gol'perin and others, *prom.* 44 no. 6:15-21 Je '68.
- in reactors with ascending movement of phases. I. M. Nazimov and others, *Khim. prom.* 44 no. 6:5-7 Je '68.
- drying potassium chloride in a fluid-bed apparatus. V. N. Pashchenko, *Khim. prom.* 44 no. 6:2 Je '68.
- sodium bichromate in a fluid bed under a flux. V. F. Volkov and others, *Khim. prom.* 44 no. 6:49-51 Je '68.
- urea in a fluid bed. N. A. Shakhova and others, *prom.* 44 no. 6:44-46 Je '68.
- between a fluid bed and staggered horizontal plates. N. I. Gol'perin, V. G. Anshel, L. A. Kuznetsov, *Khim. prom.* 44 no. 6:27-31 Je '68.
- conversion of urethane in the fluid bed under pressure. G. P. Sechenov, V. S. D. Lennova, *Khim. prom.* 44 no. 6:50-52 Je '68.
- calculation of grids of the upper fluid furnaces. I. A. G. Korenberg and others, *prom.* 44 no. 6:60-62 Je '68.
- of phenylacetylene on palladium in the presence of aniline and nitrobenzene. L. V. Sobol' and others, *AN Kazakh SSR, Ser. Khim.* 18 no. 4:1-4 Je '68.
- ability of polymerizing emulsion systems under radiation. V. I. Lohovitskiy and others, *sool. Ser. A* 10 no. 6:1247-1252 Je '68.
- structure of a viscose fiber on the peculiarities of its polymerization. A. S. Pashkov and others, *Khim. prom.* 44 no. 6:11-13 Je '68.
- ideal polymerization of 2-methyl-2-butene and its salts. V. G. Kuznetsov and others, *sool. Ser. A* 10 no. 6:1343-1347 Je '68.
- liquid decomposition in the two-phase system. I. N. Pashchenko, V. I. Kozlov, *Khim. tekhn.* no. 9:123-125 Je '68.
- calculating fluid-bed granulating towers. I. A. Kuznetsov, *Khim. prom.* 44 no. 6:73-75 Je '68.
- crystallization of malic acid by the olefins on a catalyst. K. I. 2. B. P. Starikov, L. A. Baranov, *Zhur. prikl. khim.* 41 no. 3:608-610 Je '68.
- stabilization. I. A. Vukhrov, V. A. Baranov, *prom.* 44 no. 6:1-2 Je '68.
- activated carbon in an anthracite fluid bed. I. A. Kuzlov, K. I. Makhorin, *Khim. prom.* 44 no. 6:72-73 Je '68.
- activated nitrogen fertilizers in fluid-bed apparatus. K. I. Makhorin and others, *Khim. prom.* 44 no. 6:73-75 Je '68.
- of the equipment for drying and calcinating urea in a fluid bed of inert material. I. S. Oshers, *Khim. i tekhn. topl. i masel* no. 2:1-3 Je '68.
- of a monolithic catalyst on iron surface. V. A. M. Pashkov, V. I. Nazimov, *sool. Ser. A* 10 no. 6:1303-1311 Je '68.
- of N-tolylmalimide under the action of Co⁰. I. I. Migonov, V. S. Jannov, *sool. Ser. A* 10 no. 3:633-639 Je '68.
- of 1,1-butadiene under the effect of urea studied by the radiolabel method. I. A. Kuzlov, *Dokl. AN SSSR* 180 no. 2:1-3 Je '68.
- of vinyl chloride under the action of anionic complexes on its basis. V. G. Gassanov, V. P. Sklyarov, *Vysokom. sool. Ser. A* 10 no. 6:1303-1311 Je '68.
- hydrogen from hydrocarbon gases by the amine-oxygen conversion in a fluidized bed. G. P. Sechenov, V. S. Pashchenko, L. I. Oshers, *Khim. tekhn.* no. 7:21-23 Je '68.
- heat conductivity of the fluid bed of a catalyst. A. V. Anshel, D. A. Gurevich, *prom.* 44 no. 6:25-26 Je '68.
- lytic oxidation of paraffin. A. S. Trozov, N. F. Meschchenko, *sool. Ser. A* 10 no. 3:159-161 Je '68.
- hydrogenated synthetic oil alcohol. I. S. Shakhova, M. D. Anshel, N. F. Meschchenko, *sool. Ser. A* 10 no. 3:159-161 Je '68.
- The polymerization of vinylalkyl esters of carboxylic acids. G. N. Frolov, K. A. Solov, *sool. Ser. A* 10 no. 3:521-527 Mr '68.
- flow devices in a stage-counterflow fluid bed of the KU-2 cation exchanger. I. M. S. Vorobeyev, *Khim. prom.* 44 no. 6:68.
- of the kinetics and molecular weight distributions in the stereospecific polymerization of styrene in the presence of titanium tetrachloride. A. M. Anshel and others, *Dokl. AN SSSR* 180 no. 2:1-3 Je '68.
- Some special features of the oxidation of decalin in the presence of polymethacrylate. G. N. Vasilev, S. Z. Kaplan, K. P. Mischchenko, *Zhur. prikl. khim.* 41 no. 3:674-676 Mr '68.
- Special features of anionic polymerization of α -caprolactam in organic solvents. A. M. Anshel, A. M. Anshel, V. V. Korotkiy, V. A. Sergeev, *Vysokom. sool. Ser. A* 10 no. 6:1303-1311 Je '68.
- Special features of radical copolymerization of N-vinylpyrrolidone with maleic anhydride and vinyl-n-butyl ether. A. F. Nikolaev, M. A. Andreeva, *Vysokom. sool. Ser. A* 10 no. 3:502-506 Mr '68.
- Speed of the fluidization of polydisperse layers. M. Kh. Sosna, N. B. Kondakov, *Khim. prom.* 44 no. 6:10-12 Je '68.
- Structural-chemical transformations in the process of heterogeneous graft copolymerization of polyethylene and styrene. A. S. Kuzlov, D. N. Anshel, *Vysokom. sool. Ser. A* 10 no. 3:531-535 Mr '68.
- Study of the kinetics of preparation of graft copolymers of styrene and rubber. G. S. Kozlov, I. A. Kuznetsov, *Vysokom. sool. Ser. A* 10 no. 3:515-520 Mr '68.
- Study of the relationship between some polymerization and polymerization processes in model systems. Interaction of tertiary amines with carboxylic acid anhydrides. S. B. Gol'perin, S. D. Savitskiy, S. S. Anshel, *Vysokom. sool. Ser. A* 10 no. 3:57-61 Mr '68.
- Studying heat exchange between heating surfaces and a circulating fluid bed. M. F. Bukareva, V. A. Cherenov, N. V. Mikhaylov, *Khim. prom.* 44 no. 6:32-34 Je '68.
- Studying the aerodynamic structure of a conical fluid bed and determining the optimum angle of the opening of cone. M. S. Ilyu and others, *Khim. prom.* 44 no. 6:8-9 Je '68.
- Studying the flow of fluidized material through an annular lattice. V. A. Shakhov and others, *Khim. prom.* 44 no. 6:21-25 Je '68.
- Studying the intensity of the mixing of solid particles in adjacent fluid beds using the nonstationary method. A. P. Shakhov, E. I. Gurevich, *Khim. prom.* 44 no. 6:12-14 Je '68.
- Synthesis of acrylonitrile copolymers containing highly reactive anhydride groups. L. D. Miro, A. I. Fartukov, E. S. Roskin, *Zhur. prikl. khim.* 41 no. 3:670-673 Mr '68.
- Synthesis of glycols and carbonyls of the isopropylacetylene series and structure of their homopolymers. E. M. Gurevich and others, *Vysokom. sool. Ser. A* 10 no. 6:1235-1239 Je '68.
- Testing a pilot plant for obtaining granulated nitrogen-phosphorus-potassium fertilizer in a fluid bed. M. A. Shakhov and others, *Khim. prom.* 44 no. 6:46-48 Je '68.
- Thermal decomposition of ethyl nitrate at low temperatures. A. A. Lurie, B. S. Svetlov, *Trudy MKITP* no. 53:40-51 Mr '68.
- Thermal decomposition of hexamethylenetetramine. A. A. Lurie, B. S. Svetlov, *Trudy MKITP* no. 53:51-63 Mr '68.
- Use of compounds for operational chemical cleaning of the electrochemical power equipment. T. Kh. Margulova, *Vysokom. sool. Ser. A* 10 no. 6:1247-1252 Je '68.
- Use of heat in roasting pyrite in DKSM furnaces. I. A. G. Korenberg and others, *Khim. prom.* 44 no. 6:66-68 Je '68.
- 661.1 Special chemical industries. Fine chemicals
- Ammonification of the ash for preliminary refining of phenol-acetone mixture before rectification. Kh. I. Gurevich, V. N. Kuznetsov, D. N. Gurevich, *Khim. i tekhn. topl. i masel* no. 2:1-3 Je '68.
- Calculation of the viscosity of oil-glycol emulsions during the manufacture of glycol resins. E. B. Manuylov and others, *Lokomotiv. i tekhn. topl. i masel* no. 2:1-3 Je '68.
- Catalytic resins based on aminopolystyrene and monooxide derivatives of chromotropic acid. S. B. Savin, G. P. Lushchik, I. G. Gurevich, *Dokl. AN SSSR* 180 no. 2:1-3 Je '68.
- Caking of silicate extracts as raw material for the production of carbon black. A. S. Anshel and others, *Khim. i tekhn. topl. i masel* no. 13 no. 4:24-26 Je '68.
- Condensation of phenylhydrazones with formaldehyde in the presence of KU-2. V. I. Isagullants, T. G. Khatimova, A. I. Arkhipova, *Zhur. prikl. khim.* 41 no. 3:690-692 Mr '68.
- Condensation of some terpene hydratecarbons with formaldehyde in the presence of cation exchange resin KU-2. V. I. Isagullants, S. V. Khonko, *Zhur. prikl. khim.* 41 no. 3:695-698 Mr '68.
- Effect of surface-active impurities on the microstructure of the surface of growth of NaCl. V. M. Rosevich, L. S. Pashchenko, A. I. Solov, *Dokl. AN SSSR* 180 no. 2:341-342 Mr '68.
- Evaluation of the quality of binding hydrothermal setting. E. S. Savin, I. U. M. Dali, V. M. Kolbasov, *Trudy MKITP* no. 60:134-139 Je '68.
- Monomer and dialkylalation of guaiacol by the olefins on a cation exchanger KU-2. S. P. Starikov, E. A. Baranov, M. N. Volkov, *Zhur. prikl. khim.* 41 no. 3:688-690 Mr '68.
- Obtaining activated carbon in a synthetic fluid bed. I. K. Novikov, I. U. A. Kozlov, K. A. Makhorin, *Khim. prom.* 44 no. 6:72-73 Je '68.
- Redox polymers with improved kinetic properties. N. M. Kruglikova, A. B. Pashkov, *Zhur. prikl. khim.* 41 no. 3:651-658 Mr '68.
- Resistance of anion exchanger AV-17 to the heating in phenol and acetone. M. A. Shakhov, K. M. Saldadze, *Zhur. prikl. khim.* 41 no. 3:692-698 Mr '68.
- number of cross linkages. L. K. Arshangel'skiy, E. N. Malozemov, *Vest. LGU* 23 no. 10:146-148 Mr '68.
- Some surface and volume properties of potassium and sodium salt solutions of fluorocarbon-saturated fatty acids. L. A. Shikh and others, *Dokl. AN SSSR* 180 no. 2:416-419 Mr '68.
- Stabilization of aqueous dispersions of montmorillonite by sodium humates. N. N. Kruglikov and others, *Khim. prom. Ukr.* no. 2:15-18 Ja-F [i.e. Mr-Apr] '68.
- Study of the effect of the processes of complexing of germanium with tartaric acid on its sorption from the solutions by activated carbon. E. A. Kuzan, D. I. A. Evdokimov, *Zhur. prikl. khim.* 41 no. 3:579-582 Mr '68.
- Studying the properties of snice sulfocid ion exchangers based on linear polymers. A. A. Vasil'ev, T. S. Tsyganova, V. S. Malozemov, *Zhur. prikl. khim.* 41 no. 3:603-612 Mr '68.
- Synthesis and study of inorganic ion exchanger based on zirconium and vanadium. V. A. Shikhov, E. S. Brichonova, *Zhur. prikl. khim.* 41 no. 3:526-531 Mr '68.
- Use of bentonite in the forestry production in Canada. O. A. Vasil'ev, *Lit. prozv.* no. 1 p. 3 of cover, Ja '68.
- 661.2 Sulfur and compounds
- Effect of sulfur compounds on the category of ethylene diamine complexes of copper. I. E. Gurevich, A. P. Eklits, P. I. Dymarskiy, *Zashch. mel.* 4 no. 3:215-217 Mr-Apr '68.
- Preparation of colloid sulfur. E. G. Kaplina, N. A. Prokopenko, *Koks, i khim.* no. 2:35-37 '68.
- Selecting an effective flow sheet for treating pyrolytic sulfur. I. U. M. Dali, *Zashch. mel.* 4 no. 3:215-217 Mr-Apr '68.
- Use of heat in roasting pyrite in DKSM furnaces. I. A. G. Korenberg and others, *Khim. prom.* 44 no. 6:66-68 Je '68.
- 661, 2(471, 52)—Bashkir, A. S. S. R.
- Content of petroleum sulfides in the 170 - 310° C fraction of Arlan petroleum. I. A. G. Cherkov, V. G. Spirkin, G. F. Bol'shakov, *Khim. i tekhn. topl. i masel* 13 no. 6:19-22 '68.
- 661.3 Potassium and sodium compounds
- Prospecting for natural soda. V. A. Ivanov, I. U. M. Dali, I. I. Shomanskiy, *Nefted. i tekhn. topl. i masel* 31 no. 5:4-9 Mr '68.
- Use of hydrocyclones for removing waste liquors from soda in manufacturing sodium hydroxide by the lime method. A. I. Postorunko, V. S. Derzhanov, I. I. Rosenko, *Zhur. prikl. khim.* 41 no. 3:563-568 Mr '68.
- Volkov, G. I. [Production of chlorine and caustic soda by means of electrolysis with a mercury cathode] *Proizvodstvo khim. i kaushticheskoi sody metodom elektroliza s rzhutyni katodom*, Pod red. L. M. Lukimenko, Moskva, "Khimiya," 1968, 220 p. (Proizvodstvo khim. i kaushticheskoi sody)
- 661.4 Halogens. Halides
- Electrochemical production of sodium chloride. V. A. Shikhov, V. N. Suchkov, V. A. El'isov, *Zhur. prikl. khim.* 41 no. 3:514-521 Mr '68.
- Experiment in industrial crystallization of sodium chloride in a fluid-bed apparatus. V. G. Khorooshilin, V. M. Podkov, S. I. A. Pashchenko, *Khim. prom.* 44 no. 6:57-58 Je '68.
- Granulating and drying potassium chloride in a fluid-bed unit. A. F. Lezhkin, V. N. Pashchenko, *Khim. prom.* 44 no. 6:51-52 Je '68.
- Kinetics of the dissolution of carbon steel in hydrochloric acid. N. I. Podobayev, V. V. Vasil'ev, *Zashch. mel.* 4 no. 2:223-227 Mr-Apr '68.
- New corrosion-resistant materials for hydrochloric acid solutions. S. V. Cheklovskiy and others, *Khim. i tekhn. topl. i masel* no. 4:21-23 Ap '68.
- Feasibility of the vaporization of ammonium salts. A. V. Savorov, V. I. Shakhov, *Probl. sovr. khim.* no. 2:76-80 '68.
- Salt case shell cores. F. K. Novozhilov, N. S. Sevast'yanov, *Lit. prozv.* no. 11:11-13 Ja '68.
- State of water in some crystalline hydrates of lithium salts. T. G. Balchova, B. B. Lavrov, *Probl. sovr. khim.* no. 2:190-204 '68.
- Volkov, G. I. [Production of chlorine and caustic soda by means of electrolysis with a mercury cathode] *Proizvodstvo khim. i kaushticheskoi sody metodom elektroliza s rzhutyni katodom*, Pod red. L. M. Lukimenko, Moskva, "Khimiya," 1968, 220 p. (Proizvodstvo khim. i kaushticheskoi sody)
- 661.5 Nitrogen compounds
- Catalytic nitrogen fixation in the presence of transition metal compounds. M. E. Volpin and others, *Dokl. AN SSSR* 180 no. 1:103-105 My-Je '68.
- Equilibrium between nitrogen oxides and nitric acid solutions. I. A. Tereschenko, V. P. Pnov, M. E. Pozin, *Zhur. prikl. khim.* 41 no. 3:487-492 Mr '68.
- Interaction of ammonia with nitrogen oxides. S. N. Ganz, A. M. Vashkevich, *Khim. tekhn.* no. 9:89-93 '67.
- Study of the process of oxidation of ferrous oxide sulfate by nitrogen oxides. V. V. Zubov, V. G. Nagorniy, I. D. Sergiyenko, *Khim. tekhn.* no. 9:94-98 '67.

661.5 (Continued)

Use of quaternary ammonium compounds in processing molasses for alcohol. R. I. Kvasnikov, T. P. Silusarenko. *Ferm. i prikl. prom.* 34 no. 5:6-9 '68.

661.5 (471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

Study and generalization of practices in preparing ammonium sulfate at the advanced plants of the R.S.F.S.R. and the Kazakh S.S.R., according to materials of the intrafactory school. N. Vangnits. *Koks. i khim.* no. 2:49-50 '68.

661.5 (574)—Kazakh S.S.R.

Study and generalization of practices in preparing ammonium sulfate at the advanced plants of the R.S.F.S.R. and the Kazakh S.S.R., according to materials of the intrafactory school. N. Vangnits. *Koks. i khim.* no. 2:49-50 '68.

661.6 Various nonmetals and compounds

Developing the technology of producing macrocrystalline phosphates of ammonium. G. D. Kharalampovich and others. *Koks. i khim.* no. 2:37-41 '68.

Effect of phosphorus on the copper recrystallization temperature. O. D. Bostomo, O. S. Mnyushkin, V. F. Shtrut. *Tsvet. met.* 41 no. 2:67 '68.

Extracts of gas oils from Grozny petroleum coking residues as raw material for carbon black. V. I. Zavidov, N. I. Shapchenko. *Khim. i tekhn. i masel* 13 no. 6:15-16 '68.

Kinetics of urea decomposition in phosphoric acid solutions. N. N. Murashkin, V. A. Borzhomskaya. *Izv. AN Kazakh SSR, Ser. khim.* no. 2:82-84 *Mir-Ap* '68.

Selecting designs for reservoir covers in their modernization. N. M. Kaskovich. *Khim. i tekhn. i masel* 13 no. 6:38-41 '68.

Study of magnesium polyphosphates. A. B. Bekurov and others. *Izv. AN Kazakh SSR, Ser. khim.* no. 2:1-16 *Mir-Ap* '68.

661.7 Organic substances

Carboxylating alkylphenols. I. U. T. Gordash, S. A. Gorslov. *Neft' i neftekhim.* no. 7:34-35 '68.

Change of the activity of silicon-copper alloys in the synthesis of methylchlorosilanes in storage. N. P. Lobushevich and others. *Zhur. prikl. khim.* 41 no. 3:835-837 *Mir* '68.

Continuous process of the condensation of benzyl chloride, p-xylol chloride and p-xylene dichloride with toluene. N. K. Moschinskaya, A. M. Karateev, N. G. Glukhovskaya. *Zhur. prikl. khim.* 41 no. 3:860-862 *Mir* '68.

Effect of the conditions of synthesis on the product quality in methanol manufacturing. M. M. Kerevov, A. A. Lender, I. G. Popov. *Khim. prom. Ukr.* no. 1:3-7 *Je-F* '68.

Effect of the molecular weight on hydrodynamic properties and optical anisotropy of ladder polyphenyleneoxanes. V. N. Tsvetkov and others. *Vysokom. soed. Ser. A* 10 no. 3:547-555 *Mir* '68.

Esterification of mono- and polyhydric alcohols with acid chlorides of hexahydrobenzoic and petroleum naphthoic acids. A. G. Ismailov, B. A. Salimova. *Khim. i tekhn.* no. 0:78-84 '67.

Granulation of urea in a fluid bed. N. A. Shakhov and others. *Khim. prom.* 44 no. 6:44-46 *Je* '68.

Heterocyclic dialkylphosphonic compounds. I. N. Azerbaev and others. *Izv. AN Kazakh SSR, Ser. khim.* no. 2:56-60 *Mir-Ap* '68.

Increasing the life of equipment for synthesizing urea. M. M. Kuzmak and others. *Khim. i tekhn. i masel* 13 no. 4:37-39 *Ap* '68.

Insecticidal and fungicidal activity of alkyl- and arylsulfamides of 0,0-dialkyl-S-carbamoylmethylthio- and dihydrophosphates. I. A. Mandelbaum and others. *Khim. v sel'khoz.* 6 no. 6:33 *Je* '68.

Leakage, E. A., and M. G. Voronkov. [Organosilicon water-repellent roofs in construction work] *Kremnii-organicheskie vodootslavushchie pokrytiya v stroitel'stve*. Kiev, "Budivelnik", 1968. 92 p.

Nature of nitrogen of the organic matter in dihydrogenic state. A. S. Poinina, L. A. Nappa. *Geokhimiya* no. 2:163-176 *F* '64.

New method of the synthesis of 5,8-cellulose and preparation of the new derivative of cellulose by the method of the transformation of double bonds in this compound. D. G. Dimitrov and others. *Vysokom. soed. Ser. A* 10 no. 6:1372-1380 *Je* '68.

Optical anisotropy and rigidity of the molecules of cellulose ester in salt solutions. V. N. Tsvetkov, E. N. Zakharova, M. M. Krunchak. *Vysokom. soed. Ser. A* 10 no. 3:885-891 *Mir* '68.

Oxidation of naphthalene-ortho-xylene mixture. V. N. Shik and others. *Neft' i neftekhim.* no. 7:48-50 '68.

[Production of abrasive materials] *Proizvodstvo abrazivnykh materialov*. Pod red. V. N. Krylova. Leningrad, "Mashinostroyeniye", 1966. 179 p.

Production of wood chemical acetic acid and acetate solvents in the U.S.S.R. V. P. Sumarnikov. *Sbor. trud. TSNIKHI* no. 16:37-46 '67.

Smirnov, A. A. [Principles of automation and control-and-measuring devices of cellulose and paper production] *Osnovy avtomatizatsii i kontrol'no-izmeritel'nye pribory tselulozno-bumazhnoy proizvodstva*. Moskva, "Leksatya prom-st", 1967. 256 p.

Some regularities of the hydrogenation of furan in the fluid bed of a catalyst. I. E. Nosovskii and others. *Khim. prom.* 44 no. 8:62-65 *Je* '68.

Some surface and volume properties of potassium and sodium salt solutions of fluorine-substituted fatty acids. I. A. Slits and others. *Dokl. AN SSSR* 160 no. 2:456-459 *My* '68.

Special features of the infrared spectra of cellulose acetates dependent on their phase state and orientation. R. G. Zhabakov and others. *Vysokom. soed. Ser. A* 10 no. 3:821-828 *Mir* '68.

Study of mercerization and inclusion of hydrocellulose. Kh. U. Usmanov and others. *Nauch. trudy TashGU* no. 284:133-137 '67.

Use of intercalation reaction for the synthesis of cellulose esters. A. I. Laletin, L. S. Gal'braikh, Z. A. Rogovin. *Vysokom. soed. Ser. A* 10 no. 3:652-656 *Mir* '68.

661.7 (471, 43)—Kuybyshev Province

Rectification of hydroalcoholic synthetic alkyl alcohol. R. F. Ozerovskiy, E. S. Salsova, M. D. Ashikhmin. *Neft' i neftekhim.* no. 7:27-29 '68.

661.8 Metallic compounds. Mineral pigments

Chlorination of lithium-magnesium slag. I. A. Ivashontsev, L. P. Ponomareva. *Zhur. prikl. khim.* 41 no. 3:631-632 *Mir* '68.

Complexing in fluoride systems of alkali and bivalent metals. G. A. Bakhutova, V. T. Borshchik, *Probl. sov. khim. i teoreti. fiz.* no. 2:166-171 '68.

Complexing of metaphosphates and halides of alkali metals. G. A. Bakhutova, V. V. Nardozova, *Probl. sov. khim. i teoreti. fiz.* no. 2:166-171 '68.

Diffusion of silver into semiconducting boron. A. S. Luvovich and others. *Izv. AN SSSR, Neorg. mat.* 3 no. 4:600-601 *Ap* '68.

Effect of composition of the "Novot" powder on the isolation of barite. A. N. Grebnev, L. K. Stofanovskaya, E. V. Nagornaya. *Tsvet. met.* 41 no. 2:10-18 *F* '68.

Effect of high-dispersion metal powder on physico-mechanical properties of rubbers. K. I. Dolgopetrova and others. *Khim. prom. Ukr.* no. 2:39-41 *Ja-F* [i.e. *Mir-Ap*] '68.

Calvanomagnetic effect of the cast cobalt in the range of ϵ_{22} transformations. V. V. Zubov, I. G. Sleser. *Izv. vuzov, fiz. i tekhn. i masel* 11 no. 5:10-120 '66.

Granulation of sodium blebromate in a fluid bed under a nonreturn regime. V. F. Volkov and others. *Khim. prom.* 44 no. 8:49-51 *Je* '68.

Hydration of tricalcium silicate in the presence of pech at different temperatures. A. V. Lagoda, I. M. Dui, V. M. Kolbasov. *Trudy MKITI* no. 50:123-127 '68.

Inhibiting effect of pyryl salts. V. P. Grigor'ov, V. V. Kuznetsov. *Zashch. met.* 4 no. 2:205-206 *Mir-Ap* '68.

Molecular orbits and absorption spectra of intrachloride ions of palladium III and platinum III. O. A. Lobanova, I. A. Kozlovskaya. *Probl. sov. khim. i teoreti. fiz.* no. 2:180-190 '68.

Requirements toward a barite concentrator as raw material for the chemical industry. F. I. Strigunov. *Tsvet. met.* 41 no. 2:10-19 *F* '68.

Semiconducting properties of aerodically formed silver oxides. F. I. Kukoz, V. I. Doglomov. *Trudy NPI* 170:79-83 '67.

Solid-phase transfer of oxygen in silver oxides. F. I. Kukoz, N. M. Osipchuk, M. P. Skolobov. *Trudy NPI* 170:84-90 '67.

Synthesis of methylene and its derivatives. N. A. Topov, A. A. Imetov. *Dokl. AN SSSR* 160 no. 4:800-801 *Je* '66.

Study of the hydrolysis process of aluminum chloride solutions in vanadium oxychloride by the infrared spectroscopy method. E. A. Kopylova and others. *Izv. AN Kazakh SSR, Ser. khim.* no. 2:10-14 *Mir-Ap* '68.

Study of the reaction in the system $\text{CaO} - \text{Na}_2\text{SiO}_3 - \text{H}_2\text{O}$. E. L. Knykova, S. T. Talpov. *Trudy TashGU* no. 284:93-97 '67.

Study of the reactivity of calcium carbonate in the system $\text{CaO} - \text{SiO}_2 - \text{CaCO}_3 - \text{H}_2\text{O}$ under hydrothermal conditions. E. S. Savin, I. M. Dui, V. M. Kolbasov. *Trudy MKITI* no. 50:128-133 '68.

Study of vitrification in alkaline silicate zirconium systems. I. I. Kitalgorodskii, O. A. Elitov. *Trudy MKITI* no. 50:26-31 '68.

Thermal stability of some metal alcohols. N. K. Man'kovskaya, B. K. Davurov. *Neft' i neftekhim.* no. 7:38-41 '66.

661.9 Various industrial gases

Derivation of formulas determining the relationship of parameters of ideal gases in the process of inflow and outflow from containers. L. A. Petrov. *Trudy Kal. i tekhn. inst. ryb. prom. i khoz.* no. 19:194-198 '68.

Effect of inert gases on physicochemical properties of gas-oil systems. A. M. Sadykhov, N. M. Rafiboll. *Izv. vuzov, fiz. i tekhn. i masel* 11 no. 4:73-78 '68.

Head for automatic CO_2 welding with carbon electrode. B. P. Peregodin. *Svar. prozv.* no. 6:47-49 *Je* '68.

Laboratory equipment for the preparation of ozone with a transferor interruptor. Kh. U. Usmanov and others. *Nauch. trudy TashGU* no. 284:131-132 '67.

Production of hydrogen from hydrocarbon gases by the method of steam-oxygen conversion in a fluidized bed under pressure. G. P. Sechanov, V. S. Al'fanzulov, L. D. Lomova. *Neft' i neftekhim.* no. 7:21-24 '68.

Proportioning the consumption of carbon dioxide using throttle washers in welding. N. N. Koltsin, V. A. Ershov. *Svar. prozv.* no. 6:42-43 *Je* '68.

662 Explosives. Fuels

Basic factors determining the possibility of the combustion of porous explosives changing over from normal to accelerated conditions. K. K. Andreev. *Trudy MKITI* no. 53:126-135 '67.

Combustion of dynamite and ammonite. K. K. Andreev, A. P. Glazkova. *Trudy MKITI* no. 53:331-328 '67.

Combustion of explosives transforming into detonation. K. K. Andreev. *Trudy MKITI* no. 53:237-252 '67.

Dependence of the combustion rate of explosives on initial temperature. K. K. Andreev, N. S. Pitsinov. *Trudy MKITI* no. 53:263-268 '67.

Effect of combustion conditions and charge characteristics on the stability of combustion of powdered explosives. K. K. Andreev, V. V. Gorbunov. *Trudy MKITI* no. 53:140-103 '67.

Effect of pressure and temperature on the combustion of powdered explosives at low density charges. B. N. Kondrikov, Mo Ch'in-min [Mo Ch'in-min] *Trudy MKITI* no. 53:207-221 '67.

Effect of pressure on the capacity of secondary explosives to combustion. V. E. Annikov, B. N. Kondrikov. *Trudy MKITI* no. 53:300-309 '67.

Effect of some additives on combustion ammonium nitrate. K. K. Andreev, A. P. Glazkova. *Trudy MKITI* no. 53:314-321 '67.

Effect of some combustion additives on the stability of combustion of ammonium nitrate and perchlorate mixtures based on it. K. K. Andreev, V. M. Bogdanov. *Trudy MKITI* no. 53:103-175 '67.

Further study of emulsifying effect. A. I. Gol'tsman, V. F. Tyukovich. *Trudy MKITI* no. 53:349-352 '67.

Inflammation of explosives. K. K. Andreev, V. N. Rogozhnikov. *Trudy MKITI* no. 53:283-300 '67.

Intensity of self-ignition of explosives during self-heating at boiling. I. V. Malashov, D. N. Kondrikov. *Trudy MKITI* no. 53:222-237 '67.

Progressive dependence of the combustion rate of some salts of explosive acids. B. S. Svetlov, A. I. Peregudov. *Trudy MKITI* no. 53:320-338 '67.

Some factors for determining the development of self-ignition acceleration of powdered explosives under increasing pressure. K. K. Andreev, V. N. Rogozhnikov. *Trudy MKITI* no. 53:100-109 '67.

Stability of normal combustion of powdered explosives. K. K. Andreev, V. V. Gorbunov. *Trudy MKITI* no. 51:136-140 '67.

Thermomechanical aspect of the reactions of oxidizing explosives with metals. K. K. Andreev. *Trudy MKITI* no. 53:302-304 '67.

Thermomechanical aspect of the reactions of metals. *Trudy MKITI* no. 53:304-307 '67.

662.2 High explosives

Capacity of nitrocellulose as self-accelerating decomposition. D. A. Lur'ev, B. S. Svetlov. *Trudy MKITI* no. 53:30-40 '67.

Effect of some substances on the thermal decomposition of nitrocellulose. K. K. Andreev, B. S. Svetlov. *Trudy MKITI* no. 53:22-30 '67.

Thermal decomposition of ethyl nitrate at low temperatures. D. A. Lur'ev, B. S. Svetlov. *Trudy MKITI* no. 53:40-61 '67.

Thermal decomposition of nitrocellulose during the removal of gaseous products decomposition and in their presence. K. K. Andreev, B. S. Svetlov. *Trudy MKITI* no. 53:7-22 '67.

662.4 Primary explosives. Detonations

Combustion of explosives transforming into detonation. K. K. Andreev. *Trudy MKITI* no. 53:237-252 '67.

662.6 Fuels. Combustion. Heat economy

Composition of ash portion of jet fuels. V. N. Yelov, N. I. Shvachenko. *Neft' i neftekhim.* no. 7:3-7 '68.

Conditions and problems of studying oil shales. A. S. Poinina and others. *Khim. i tekhn. i masel* 13 no. 3:9-15 *Je* '68.

Dependence of the burning rate of solid fuel particles on the flow rate. I. U. A. Poinina. *Vestn. AN SSSR, Ser. fiz.-tekhn. nauk.* no. 1:100-102 '63.

Development and use of oil shale reserves on the eve of the forthcoming symposium of the United Nations Organization. I. U. A. Poinina. *Khim. i tekhn. i masel* 13 no. 1:140-150 *My-Je* '68.

Direct-flow and direct-flow-counterflow contact economizers for industrial boilers. I. Z. Aronov. *Gaz. prom.* 13 no. 5:43-46 *My* '68.

Don't allow the overexpenditure of fuel mass. A. I. Shukhov. *Khim. i tekhn. i masel* 13 no. 4:70-71 *Ap* '68.

Effect of the transition of basic anions by hydrochloric acid on their hydration process. I. A. Mator, I. U. A. Poinina. *Trudy MKITI* no. 53:133-168 '68.

Nikiforov, V. A. [Winning peat deposits and the mechanical cutting of peat] *Kazakhstan forlanlyk mestozhizni i mekhanicheskaya pererabotka torfa*. Msk. "Vyetelsh. shkola", 1968. 331 p.

Redesigning of the drive of the cutoff of a sampling unit of a fuel supply system. I. U. A. Poinina, I. U. A. Poinina. *Elek. in.* 39 no. 6:76-78 *Je* '68.

Regularities of combustion in a turbulent flow and the length of vortex gas burners. I. A. Sigal, I. A. Gurevich. *Gaz. prom.* 13 no. 5:35-30 *My* '68.

Some results of the performance of a precombustion chamber type of a diesel engine operating on light fuel. V. S. Poinina, N. A. Korovin, A. M. Kulirv. *Zashch. proz.* 6 no. 0:38-41 *Je* '68.

Study of the catalytic burning of gases in radiator boilers. I. A. Poinina. *Gaz. prom.* 13 no. 6:10-11 *My* '68.

Studying the performance of an electric gas burner. V. F. Kopytov and others. *Gaz. prom.* 13 no. 5:31-31 *My* '68.

Volatile substances of coals, coals, and residues of their combustion. A. P. Kuznetsov, M. S. Orenbakh. *Toplonergetika* 16 no. 6:40-42 *My* '68.

When does fuel on a ship become dangerously explosive. A. T. Solovskii. *Mor. sbor.* 61 no. 3:93-94 *Mir* '68.

Physicochemical characteristics of the coal of the Tom'-Vansk deposit of the Kuznetsk Basin, N. V. Novitskiy, M. I. Martynova, V. P. Lialin, *Teplotekhnika* 15 no. 3 21-24 Apr '68.

682, 6(575, 1)—Uzbek S.S.R.

Gas, coal, and oil. K. Kim, *Eksp. i zhizn'* 10 no. 4: 29-32 Apr '68.

682.7 Thermally or chemically produced fuels

An excess factor in the heating of coke ovens with gas mixtures, R. I. A. Livshits and others, *Koks i khim.* no. 5 22-23 '68.

Analyzing general expenses of by-product coke plants, E. A. Dmitriyenko, L. A. Gaidina, *Koks i khim.* no. 4: 52-55 '68.

Automatic regulation of the consumption and pressure of heating gas, A. M. Sogut', *Koks i khim.* no. 4: 13-16 '68.

Automation of equipment for the rectification of naphthalene containing oils, I. S. Zorukhinskiy and others, *Koks i khim.* no. 2: 32-35 '68.

Automation of the by-product coke industry, V. I. Zayits'nikov, *Koks i khim.* no. 2: 46-48 '68.

Change of physicochemical properties of coke lumps during the process of breaking, T. B. Ivanov, N. I. Kachuk, *Koks i khim.* no. 5: 25-27 '68.

Changing shunting locomotives by car pushers in service car dumps, A. E. Skripin, *Koks i khim.* no. 2: 46-48 '68.

Characteristics of the initial cooling of coke oven gas, V. M. Zaitchenko, A. M. Grinberg, V. K. Shpilkin, *Koks i khim.* no. 4: 27-30 '68.

Coke manufacture in rotary kilns from brown coals for the electrics of iron ores, G. N. Mukorov and others, *Khim. i ver. topl.* no. 3: 123-127 May '68.

Dependence of the yield of coke products on the specific amount of gas coals in the mixture, M. G. Skitar and others, *Koks i khim.* no. 5: 26-31 '68.

Desulfurization of sulfurous coals by the method of hydrazine separation, V. S. Kaminskiy and others, *Koks i khim.* no. 2: 6-10 '68.

Developing the technology of producing macrocrystalline phosphates of ammonium, G. D. Khairanovich and others, *Koks i khim.* no. 2: 37-41 '68.

Designing and regulating equipment for the system of programming and automatic charging of batch-coke ovens, V. P. Sanner and others, *Koks i khim.* no. 5: 44-48 '68.

Distribution of streams over hydraulic models of regenerators, I. V. Virozub, I. U. S. Vasil'ev, E. M. Soldatko, *Koks i khim.* no. 2: 23-29 '68.

Effect of additives, obtained from the by-products of petroleum refining, on the performance of a high-speed diesel engine, V. P. Alekseyev, S. M. Adamov, *Izv. vuz. ucheb. zav. i nauch. i izn.* 11 no. 4: 60-72 '68.

Effect of surface properties of coals on their floatability, J. Laskowski, *Khim. i ver. topl.* no. 3: 110-115 May '68.

Evaluating the effect of charge moisture on coke quality, E. I. A. Livshits, *Koks i khim.* no. 2: 13-16 '68.

Experience in the operation of drum dryers with a capacity of 300 tons per hour, A. S. Turaev, O. P. Nagibin, A. I. Vorilov, *Koks i khim.* no. 4: 13-17 '68.

Getting ready for the all-Union conference of the by-product coke industry workers, A. K. Shetkov, *Koks i khim.* no. 2: 60-63 '68.

Grinberg, A. M. (Dephenolization of waste waters of coke chemical plants) *Chesnostnoye stechnykh vod koksokhimiicheskikh zavodov*, Moskva, "Metallurgizdat," 1968, 211 p.

Industrial effects of the phenol plant thrust into the atmosphere, I. I. Elifman, N. D. Khizimskiy, *Koks i khim.* no. 5: 10-12 '68.

Isolification of C₆ hydrocarbons in the ethylene fraction with the aid of a mass spectrometer, V. G. Sokolov and others, *Koks i khim.* no. 4: 39-38 '68.

Identification of the aromatic part of pitches in the course of industrial rectifying, G. V. Dmitriyev and others, *Khim. i ver. topl.* no. 3: 92-101 May '68.

Improving operating conditions of intermediate columns, S. I. Aikhina, *Koks i khim.* no. 4: 33-35 '68.

Improving the quality of foundry coke, B. P. Kislov, V. D. Frishberg, *Koks i khim.* no. 4: 25-27 '68.

Increasing the service life of oiling tanks, L. P. Vladimirov, I. P. Komarov, *Koks i khim.* no. 5: 48-50 '68.

Industrial chemical preparation of brown coals in the Ukraine, B. I. Sanner, I. I. Svatets, *Ugol' Ukr.* 12 no. 5: 30-34 May '68.

Influence of various technological factors on the yield of coking products and the quality of coke, M. G. Skitar, V. I. A. Tsepur, L. P. Svetlovskaya, *Koks i khim.* no. 5: 14-17 '68.

Intensifying the process of coal briquet dehydration at coal preparation plants, A. I. Oifort, A. A. Kiosmin, *Koks i khim.* no. 4: 6-8 '68.

Kinetics of thermal decomposition of coals, M. G. Skitar, V. I. Suvaitov, I. V. Virozub, *Khim. i ver. topl.* no. 3: 22-32 May '68.

Mathematical method of determining the content of certain coal ash components in the preparation process, A. M. Khiesin and others, *Koks i khim.* no. 5: 12-13 '68.

Mechanical strength of coke, K. A. Bogolavitskiy, V. G. Danilova, A. A. Lobov, *Koks i khim.* no. 4: 10-20 '68.

Net cost of gas turbine fuel production, V. G. Nikolajeva and others, *Khim. i tekhn. topl. i masel* 13 no. 8: 28-31 '68.

Potentiometric method of analyzing coal bases, V. K. Kondratov and others, *Koks i khim.* no. 4: 36-43 '68.

Preparation of colloid sulfur, E. G. Kaplina, N. A. Prokopenko, *Koks i khim.* no. 2: 36-37 '68.

Preparation of xylene with a low pyridine-base content, L. K. Gorin and others, *Koks i khim.* no. 4: 43 '68.

Prospects for overall utilization of Krasn-Achinsk lignite in steam-vapor systems, I. U. A. Vasil'ev, V. G. Kashirskiy, *Izv. vuz. ucheb. zav. i energ.* 11 no. 6: 65-72 Je '68.

Purification of raphthalene fractions by hydrogen fluoride, N. I. Plotkina and others, *Koks i khim.* no. 5: 24-27 '68.

Quality of coal for coking, and ways of its improvement, A. I. Oifort, I. P. Muller, *Koks i khim.* no. 2: 1-6 '68.

Regeneration of spent sulfuric acid, M. I. A. Pinskiy, N. A. Gurevich, *Koks i khim.* no. 5: 38-39 '68.

The scientific and technical progress and nature, N. A. Gledkov, *Nov. vrom.* 28 no. 34: 15-19 Apr '68.

Selection and testing of new control fuels for IT9-2M, IT9-6 and UIT-65 units, E. I. Zabrutskiy and others, *Khim. i tekhn. topl. i masel* 13 no. 6: 51-53 '68.

Selecting indices for the evaluation of the grade of highly purified raphthalene, M. K. Fakter, R. M. Pats, A. K. Spitsyn, *Koks i khim.* no. 2: 29-32 '68.

Separation of ammonia from tar water in columns with grid plates, P. S. Chetukh and others, *Koks i khim.* no. 5: 31-34 '68.

Study of coal pitches and their fractions using X-ray structural analysis and infrared spectroscopy, N. A. Rekin, M. A. Stepanenko, N. A. Matusak, *Khim. i ver. topl.* no. 3: 102-103 May '68.

Study of the oxidative pyrolysis of natural gas, V. I. Isomina and others, *Gaz. prom.* 13 no. 5: 47-50 May '68.

Studying properties of coke of secondary heating, A. V. Vikharov, K. M. Sinol'shchikov, *Khim. i ver. topl.* no. 3: 85-91 May '68.

Studying the operation of hammer crushers, B. I. Popovskiy and others, *Koks i khim.* no. 4: 47-52 '68.

Uniflow battery dust collectors, A. V. Kalyaykov, M. T. Gubanov, *Koks i khim.* no. 5: 6-12 '68.

Uniformity of heating through coal charges from various mixtures in the length a furnace chamber, A. G. Polich, *Koks i khim.* no. 5: 17-19 '68.

Vibration separation used in coal tar purification from its heavy fractions and water, N. M. Savits'ev and others, *Koks i khim.* no. 2: 41-46 '68.

Vyschislennyye nachno-issledovaniya dlya izmeneniya proizvodnykh gazov. (Reports at the meeting of the scientific council dedicated to the 50th anniversary of the Great October Revolution, October 18-19, 1967) Doklady na zasedaniya Uchenogo soveta, poavshchennymi 60-letny Vostochnykh Otkrytykh sovetakh i naucheskoy revoliutsii. 18-19 okt. 1967 g. [Moskva,] 1967, 133 p.

682, 7(574)—Kazakh S.S.R.

Determining the cost of coke to substitute it with natural gas, A. G. Avanesov, I. I. Mintz, *Probl. sov. ekon. Kazakh.* no. 3: 112-112 '67.

682.8 Mechanically produced (artificial) fuels

Determination of the bulk density of pulverized coal, coal, and shales, E. V. Lifshits, *Elek. sta.* 39 no. 6: 12-13 Je '68.

Efficient shape and optimum dimensions of coke briquettes, S. I. Pichuk, *Koks i khim.* no. 2: 16-20 '68.

Investigating parameters related to the technology of coal briquetting with binders, A. T. Elisevich, I. V. Iuzhnik, V. E. Satriakov, *Ugol' Ukr.* 12 no. 5: 28-30 May '68.

682.9 Furnace and combustion engineering

Automatic regulation of combustion efficiency in tube still heaters, F. I. Khramov, *Zo tekhn. prog.* 5 no. 5: 32-41 May '68.

Design of a tube for measuring dust content of flue gases in boilers with large evaporative capacity, K. A. Urekskiy, *Energetik* 16 no. 2: 18-19 Fe '68.

Elimination of shortcomings in the speed control systems of pulverized coal feeder drives, B. M. Ukin, *Elek. sta.* 39 no. 2: 78-81 Fe '68.

Experience in adjusting regenerative VPR-2 air heaters, V. I. Dombrovskiy, I. A. Potkachiuk, *Elek. sta.* 39 no. 3: 31-35 Mr '68.

Experience in burning heavy marut and tar, G. Ukhaly, T. Trompos, B. G. Sinskevich, *Elek. sta.* 39 no. 8: 34-37 Ag '68.

Gravimetric composition of roasted material in "Lepol" furnaces, I. U. M. Bul, V. V. Tikhonov, L. M. Sultimov, *Trudy MIKIP* no. 60: 151-154 '68.

Increasing the efficiency of the use of fuel in industrial furnaces, I. Borkhadarin, I. Arutunova, *Prorn. Arm.* 10 no. 2: 6-10 '68.

Measurement of the magnitude of local leakages in a furnace chamber, G. P. Zhukov, *Elek. sta.* 39 no. 6: 24-27 Je '68.

Methodology for evaluating the flow-through part of vortex burners, A. G. Ivanov, *Teplotekhnika* 15 no. 5: 36-40 May '68.

Nechayev, G. A. (Insulation of heating pipelines by hydrophobic asphalt karamuzh concrete) *Izvestiya teploprovozdov gidrofobnykh asfal'tokaramuzhobetonom*, Leningrad, 1968, 27 p. (Leningr. dom nauch. tekhn. propagandy, Seriya "Stroitel'nyye materialy i konstruktivnyye")

Network for temperature stabilization of heater elements, G. A. Vinnik, V. M. Klein, *Pril. i sluzh. upr.* no. 1: 23-25 Ja '68.

Perlite-based heat insulation for pipes, I. S. Nikol'skiy, *Vod. i san. tekhn.* no. 3: 38-39 Mr '68.

Problems of gas supply discussed at a conference held at the Leningrad Construction Engineering Institute, B. M. Krivonozov, *Gaz. prom.* 13 no. 5: 52 May '68.

Recommendations on the design of swirl nozzles in turbulent burners operating on pulverized coal, V. P. Romadin and others, *Teplotekhnika* 15 no. 3: 77-81 Mr '68.

Resolving the heat of rotary kilns, V. I. Safarin, L. T. Vorobeychikov, *Tsement* 34 no. 1: 10 Ja '68.

Selecting a variant in connecting gas consumer groups to city networks, V. A. Smirnov, M. S. Kupritanov, I. M. Fashov, *Gaz. prom.* 13 no. 5: 24-27 May '68.

Selection of burners for tunnel kilns, S. A. Shtravov, *Ogneuproy* 33 no. 5: 11-13 '68.

Selection of inlet pressure for gas-distributing units for consumers, L. M. Fashov, I. A. L. Rabinovich, *Gaz. prom.* 13 no. 5: 29-30 May '68.

Study of gas distributor grids in fluidized bed equipment, I. M. Razumov and others, *Khim. i tekhn. topl. i masel* 13 no. 4: 44-46 '68.

Study of the operation of the peak load PTVM-100 water heating boiler operating on sulfurous marut, E. L. Bil'ke, N. I. Zhirnov, V. A. Zemisev, *Elek. sta.* 39 no. 3: 24-27 Mr '68.

Technology of pipe insulation with reinforced foam concrete cured in an autoclave, D. N. Pravdin, *Vod. i san. tekhn.* no. 3: 3-5 Mr '68.

Throttling of moisture-containing natural gas in gas distributive stations, N. P. Grigor'enko, V. I. Mogil'nyi, *Nef. i gaz. prom.* no. 3: 15-19 May '68.

Using natural gas and oxygen in the production of foundry pig iron, R. N. Starshinov and others, *Svor. trud.* UNIM no. 12: 15 '67.

682, 9(471, 232)—Leningrad City

[Leningrad gas supply] *Gazovoe khozaystvo Leningrada*, Leningrad, "Nedra," 1967, 129 p.

683 Beverages, Stimulants, Water

All-Union seminar of the workers of the alcohol industry, G. G. Dodonov, *Ferm. i spir. prom.* 34 no. 5: 43-44 '68.

Anticorrosion protection for yeast-growing vats, I. U. M. Kravets, K. S. Shmakov, A. I. Karlishov, *Ferm. i spir. prom.* 34 no. 3: 37-38 '68.

A bubbling, unique drink, S. Kriukova, *Stand. i kach.* 31 no. 12: 82-81 '67.

Comparative evaluation of methods for clarifying beer, Sh. B. Gornishtin, *Ferm. i spir. prom.* 34 no. 3: 26-31 '68.

Determination of the actual density of alcohol-containing syrups and beverages, A. G. Kruglikov, A. P. Azila, *Ferm. i spir. prom.* 34 no. 3: 32-33 '68.

Economic model of a continuous malt mashing process, E. K. Shigin, P. I. Tolis, *Ferm. i spir. prom.* 34 no. 5: 27-31 '68.

Effect of protein content in clear barley malt on the accumulation of coloring substances during its heating, N. N. Shveta and others, *Ferm. i spir. prom.* 34 no. 3: 20-23 '68.

Equipment for continuous processing of granules of rocca, A. E. Shklovskaya, *Khieb. i kond. prom.* 12 no. 7: 41-42 Ji '68.

For a defective production output, *Ferm. i spir. prom.* 34 no. 6: 1-3 '68.

Fractionation of beer proteins by electrophoresis, K. I. Forman, Sh. B. Gornishtin, *Ferm. i spir. prom.* 34 no. 5: 15-18 '68.

Higher efficiency of seawater distillation units on fishing vessels, G. I. Lukin, *Trudy Kal. tekhn. inst. ryb. prom.* 13 no. 2: 10-16 '68.

Improving the malting and generative activities in yeast, V. P. Kozlovskiy, *Khieb. i kond. prom.* 12 no. 7: 39-40 Ji '68.

Industrial aesthetics for the enterprises of the alcohol, liqueur and vodka industry, E. V. Molosov, N. K. Nealerova, *Ferm. i spir. prom.* 34 no. 5: 31-34 '68.

Liqueur and vodka products produced for the anniversary year, N. I. Stavutskaya, *Ferm. i spir. prom.* 34 no. 3: 10-15 '68.

Meeting of party members and of the leading managerial personnel of the all-Union Scientific Research Institute of the Alcohol, Liqueur and Vodka Industry, L. N. Aganovskaya, *Ferm. i spir. prom.* 34 no. 3: 45-46 '68.

New machinery and technology in beer brewing, A. M. Zhuravskiy, A. P. Kiemenchuk, *Ferm. i spir. prom.* 34 no. 3: 5-10 '68.

Overall mechanization of malt growing, R. B. Nepomniashchii, S. A. Kucher, *Ferm. i spir. prom.* 34 no. 3: 34-38 '68.

Practice in processing of sugar beets for alcohol with extraction of the diffusion juice, I. A. V. Voronov and others, *Ferm. i spir. prom.* 34 no. 5: 36 '68.

Qualitative changes in aminoacids of molasses at Allga food yeast, A. G. Zbrodskiy, G. A. Grymova, M. A. Parkhomchuk, *Ferm. i spir. prom.* 34 no. 5: 12-14 '68.

Reform and management of an enterprise, P. I. A. Bachurin, *Ferm. i spir. prom.* 34 no. 5: 4-6 '68.

Reinforcing action of vent-type grid plates during rectification, A. P. Beepal'ko, I. F. Malozhuk, *Ferm. i spir. prom.* 34 no. 5: 10-11 '68.

Results of the All-Union socialist competition of food industry enterprises for the first quarter of 1968, *Ferm. i spir. prom.* 34 no. 6: 42-43 '68.

Sanitary and hygienic evaluation of health-endangering workshops of the liqueur and vodka combine in Samarkand with respect to the study of the effect of alcohol vapors on human health, V. P. Kadykov, G. A. Ryzhkov, *Trudy Semipal. med. inst.* 4: 171-176 '68.

Semikhalova, N. M., M. V. Malysina, and S. P. Papok. [Production of yeast] *Proizvodstvo drozhdzhev*, Moskva, "Pishchevaya prom.-st," 1967, 154 p. (Uchebnoe posobie dlya podgotovki kadrov massovykh professiy)

683 (Continued)

Study of starch hydrolysis during industrial and laboratory conditions of a series of analogs of barley malt. B. G. Karshova, A. F. Fedorova. *Trudy SPIrit. prom.* 34 no. 15:16 '68.
 Thiol preparations for the extraction of starch from alcohol, liquor and vodka plants. N. S. Tikhonova. *Ferm. i spir. prom.* 34 no. 3:4 '68.
 Treatment of alcohol with calcium peroxide. L. S. Kuznetsova, M. I. Sidanov. *Khleb. i kond. prom.* 12 no. 7:15-17 '68.
 Use of natural amylose for the improvement of fermentation (conclusion). M. T. Tikhonova and others. *Ferm. i spir. prom.* 34 no. 15:17 '68.
 Use of cement and polymer concretes for brewery floors. A. V. Chukko, B. R. Prosmushkin. *Ferm. i spir. prom.* 34 no. 5:19-20 '68.
 Use of quaternary ammonium compounds in processing molasses for alcohol. E. I. Kvasilov, T. P. Shchegoleva. *Ferm. i spir. prom.* 34 no. 5:6-9 '68.
 Yield of still extract during washing in partially deaerated water. G. I. Furtuk, V. G. Tikhonov. *Ferm. i spir. prom.* 34 no. 3:25-26 '68.

663(471, 312)—Tula Province

Moskvskiy Alcohol Plant strives for the better Enterprise of the Communist Labor. A. L. Babal. *Ferm. i spir. prom.* 34 no. 3:17 '68.

663(471, 43)—Kuybyshev Province

Leading managerial personnel of the alcohol, liquor and vodka industry of the Ministry of the Food Industry of the R.S.F.S.R. *Ferm. i spir. prom.* 34 no. 3:44-45 '68.

663(474, 2)—Estonian S.S.R.

Work practice of breweries of the Estonian SSR under the new planning and economic incentive system. V. A. Dralik. *Ferm. i spir. prom.* 34 no. 5:25-26 '68.

663(476)—White Russian S.S.R.

For the table of a clip dealer. E. Brilevskii. *Sov. i prib. khoz.* 12 no. 3:39 '68.

663(477)—Ukrainian S.S.R.

Conference of the active members of the potash chain industry in the Ministry of Manufacture of the Ukrainian S.S.R. *Slek. i ker.* 23 no. 5:45-46 May '68.
 Improved continuous-action vertical mill drier. N. P. Bulko, V. G. Garbarenko. *Ferm. i spir. prom.* 34 no. 5:35-36 '68.

663(479, 24)—Azerbaijan S.S.R.

Development of the canning and tea industries in Azerbaijan. G. A. Seidov. *Za tekhn. prog.* 7 no. 12:42-43 N '67.

New selective varieties of Azerbaijani tea and their qualities. E. P. Nasacheva. *Za tekhn. prog.* 5 no. 5:48-48 May '68.

Viticulture and wine making in Azerbaijan. M. A. Ragimov. *Za tekhn. prog.* 7 no. 12:44-45 N '67.

663(479, 25)—Armenian S.S.R.

Orbalekhaya carbonated water. E. Khalatyan. *Prom. Arm.* 10 no. 12:49-50 '67.

663(574)—Kazakh S.S.R.

Scientific organization of labor at the liquor and vodka distilleries. N. K. Kestlerova. *Ferm. i spir. prom.* 34 no. 5:44-45 '68.

664 FOOD INDUSTRIES. PRESERVATION

Babicheva, O. I., G. A. Ivanova, and S. M. Nemolov. [Technological and chemical control of the vegetable-drying and food-concentrating industry] *Tekhnokhimicheskiy kontrol' ovoshchesushil'nogo i pishchekonsentratnogo proizvodstva. Moskva, "Pishchevaya prom-st", 1967, 283 p.*

Nisin and its use in the food industry. A. V. Guckov. *Trudy VNI* no. 42:43-64 '68.

Preservation of eggs has improved. K. Donets. *Zakup. sel'khoz. prod.* no. 1:25 '68.

Professor Nikolai Ivanovich Kozin, on his 60th birthday. *Vop. pit.* 27 no. 1:89-98 Ja '68.

664(471, 54)—Sverdlovsk Province

35th anniversary of the Sverdlovsk Technological School of the Food Industry. I. F. Potanin, *Khleb. i kond. prom.* 12 no. 7:45 '68.

664(477)—Ukrainian S.S.R.

Far from all potentialities have been exhausted. N. Serov. *Zakup. sel'khoz. prod.* no. 12:12-14 D '67.

Ways of improving the use of capital production funds in the food industry of the Ukrainian S.S.R. E. V. Zhidkova. *Org.-i plan. otr. nrr. khoz.* no. 4:54-58 '68.

664(477, 8)—Western Ukraine

Trade discounts and the profitability of public dining rooms. I. U. Korennoi, O. Bita. *Sov. poireb. khoz.* 12 no. 2:60-61 F '68.

664(478, 24)—Azerbaijan S.S.R.

Azerbaijani food industry. T. M. Radirov. *Za tekhn. prog.* 7 no. 11:38-39 N '67.

664(479, 25)—Armenian S.S.R.

The first steps. V. Bagdad. *Prom. Arm.* 10 no. 2:47-48 '68.

664(571, 122)—Krasnodar National District

Rayon like folk parallel. *Sov. poireb. khoz.* 12 no. 2:48-49 F '68.

664(574)—Kazakh S.S.R.

Economic efficiency of the transportation of food products and ways of improving it. S. Bakhtechin. *Probl. sov. khoz. Kazakh.* no. 3:201-224 '67.

The "Reperator" invents. M. Morozov. *Sov. poireb. khoz.* 12 no. 2:38-39 F '68.

Rates of the development and formation of the branch structure of group "R" industry. B. I. Vlasov. *Probl. sov. khoz. Kazakh.* no. 3:65-65 '67.

664.1 Sugar industry

Automatic control and regulation of esterification processes. K. A. Babatova, B. G. Susorov. *Trudy TSINS* no. 9:4-25 '62.

Correction of equilibria and characteristics of standard links of systems of automatic control. B. A. Eremenko. *Trudy TSINS* no. 9:3-10 '62.

Determining the coefficient of sugar dilution in beet inters. E. T. Kuvshin, A. M. Zagorakho. *Trudy TSINS* no. 9:132-140 '62.

Dynamics and automation of the burning processes in a furnace with a chain grate. A. I. Tsenzura. *Trudy TSINS* no. 9:120-120 '62.

Effect of absorbed impurities on the rate of growth and habit of sucrose crystals. A. Vanhook, Rosi Krist. 6:45-50 '68.

Firmness of caramel products. G. A. Marshalkin, V. V. Simchenko. *Khleb. i kond. prom.* 12 no. 7:1-13 '68.

Mathematical analysis of the diffusion process in retaining water from pressed beet pulp. E. T. Kuvshin, A. M. Zagorakho. *Trudy TSINS* no. 9:120-122 '62.

Organization of therapeutic and prophylactic nutrition for workers in the confectionery industry. A. K. Koshelev, G. I. Vasilina. *Trudy Perm. gos. med. inst.* no. 63:97-106 '67.

Testing of electrode stations for pH control and regulation. B. A. Eremenko, B. G. Susorov. *Trudy TSINS* no. 9:51-69 '62.

Testing of electrodes for the control of pH volume under industrial conditions. B. A. Eremenko, B. G. Susorov, K. A. Babatova. *Trudy TSINS* no. 9:55-61 '62.

Testing the elements of the automatic control system of an evaporation plant. B. A. Eremenko and others. *Trudy TSINS* no. 9:75-82 '62.

Use of baker's yeast for the production of candies with pastelike filling. A. E. Vashish and others. *Khleb. i kond. prom.* 12 no. 7:13-15 '68.

664.1(471, 62)—Krasnodar Territory

Testing of an RPH-5P-type pH-meter. B. A. Eremenko, B. G. Susorov. *Trudy TSINS* no. 9:48-55 '62.

Testing the automation of a continuous inclined two-acrow diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:34-38 '62.

664.1(477)—Ukrainian S.S.R.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

664.1(478)—Moldavian S.S.R.

Determining the filling in finished candies. G. N. Kovitetskii. *Khleb. i kond. prom.* 12 no. 7:37 '68.

Testing the automation of a continuous inclined two-acrow diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:34-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Testing the automation of a continuous column-type diffuser. B. A. Eremenko, A. I. Tsenzura, B. G. Susorov. *Trudy TSINS* no. 9:10-28 '62.

Testing the automation of a continuous rotary diffuser. B. A. Eremenko, B. G. Susorov, A. I. Tsenzura. *Trudy TSINS* no. 9:28-38 '62.

Special features in shifting grain product and feed industry enterprises to the new system of planning and economic incentives. T. Pavlova. *Zakup. sel'khoz. prod.* no. 4:10-12 Ap '68.

"Strength" of wheat and changes in the physical properties of the dough in the process of ripening. N. N. Avdeyeva, A. B. Vikun. *Trudy VNIIZ* no. 5:113-111 '66.

Study of carbonates in macaroni production. M. I. Vasilov, S. S. Kondratyuk, G. N. Shchegoleva. *Khleb. i kond. prom.* 12 no. 7:23-24 '68.

Studying the process of dough mixing in the N-12 mixer. P. T. Trubnikov. *Khleb. i kond. prom.* 12 no. 7:23-24 '68.

Temporary technological conditions for semi-finished products manufactured from dough. G. R. Loshakov, N. P. Uspenskiy. *Khleb. i kond. prom.* 12 no. 7:41 '68.

Under conditions of the new economic system. S. V. Bodukhin. *Khleb. i kond. prom.* 12 no. 7:2-4 J '68.

664.1(471, 232)—Leningrad City

Dough-mixing ring with reversible motion. A. I. Vasilev. *Khleb. i kond. prom.* 12 no. 7:34-36 J '68.

664.1(471, 311)—Moscow Province

Adoption of the scientific organization of labor by an enterprise. A. I. Iellinov. *Khleb. i kond. prom.* 12 no. 7:25-27 J '68.

664.1(477)—Ukrainian S.S.R.

New varieties of farinaceous confectionery products. E. I. Loshakov, I. G. Rudkov, *Khleb. i kond. prom.* 12 no. 7:13-14 J '68.

664.1(479, 22)—Georgian S.S.R.

Experimental planning of plants for baking (conclusion). B. A. Agababov, B. I. Nikoladze, B. I. Gamsakhuridze. *Khleb. i kond. prom.* 12 no. 7:2-3 J '68.

Practice in the adoption of fermentation processes in the enterprises of "Gruzkhleb". B. I. Gamsakhuridze, S. D. Vashakova. *Khleb. i kond. prom.* 12 no. 7:13-14 J '68.

664.1(479, 21)—Azerbaijan S.S.R.

Searching for the potentialities. B. I. Iellinov, I. G. Rudkov. *Sov. poireb. khoz.* 12 no. 3:36-37 F '68.

664.1(571, 13)—Omsk Province

Not only the quantity. A. Krasin. *Sov. poireb. khoz.* 12 no. 3:8-11 Mr '68.

664.1(571, 14)—Novosibirsk Province

Scientific organization of labor at the Novosibirsk Macaroni Factory. I. A. Makhin, B. G. Loshakov, A. I. Kond. *prom.* 12 no. 7:20-20 J '68.

664.1(571, 17)—Kemerovo Province

Improvement of the AVH-100-M tubes. B. A. Krasin. *Khleb. i kond. prom.* 12 no. 7:37 '68.

664.1(579, 1)—Uzbek S.S.R.

The experience shows. S. Gamsakhuridze. *Khleb. i kond. prom.* 12 no. 3:32-33 Mr '68.

664.7 Flour and corn milling. Grain processing. Awarding of emblems of honor to the winners of the competition. *Zakup. sel'khoz. prod.* no. 12:6-11 D '67.

Contrafugal coating and electrochemical method for increasing the durability of rolls in rolling mills. A. I. Loshakov and others. *Muk. olov. prom.* 34 no. 23-25 Mr '68.

Changes in the methods of corn embryo selection in ears in a thick husk of corn. B. E. Kravtsov, B. I. Kononov. *Trudy VNIIZ* no. 55:151-150 '68.

Comparative evaluation methods of determining the molasses of soy bean seeds. A. I. Loshakov, B. I. Gamsakhuridze. *Muk. olov. prom.* 34 no. 3:11-11 to Mr '68.

Determining the fitness of barley by the method of working in sodium alkali. I. Nopordzhichan. *Muk. olov. prom.* 34 no. 3:28 Mr '68.

Development and study of the optimum dose of barley disinfection of grain against the grain weevil. B. A. Zakhvalov, V. F. Kabanov. *Trudy VNIIZ* no. 54:116-125 '68.

Drying of sunflower seeds with a preliminary heating. V. A. Ioshkov, V. Zhidko, A. I. Loshakov. *Muk. olov. prom.* 34 no. 3:16-17 Mr '68.

Effect of the rotation speed of the working organ of a corn sheller on different indices of damp corn at filling. A. I. Klimovskii. *Trudy VNIIZ* no. 53:23-40 '68.

From the history of the development of separating machinery in Western Europe. G. I. Loshakov. *Muk. olov. prom.* 34 no. 3:32-3 of cover Mr '68.

Improvement of the receiving devices on typical lines. A. V. Gudin, B. P. Pervov. *Trudy VNIIZ* no. 56:3-6 '68.

Information cards. P. Barenin. *Zakup. sel'khoz. prod.* no. 12:38-40 D '67.

Notas damp installation in ventilating systems. M. Taratkovskii. *Muk. olov. prom.* 34 no. 3:21-27 Mr '68.

Obtaining the protein concentrate of peas by a pressure separator. S. Z. Zolov, I. A. Shvachko. *Trudy VNIIZ* no. 56:68-68 '66.

On the problem of grain pressure in silos. P. Plutonov, B. Ivanov. *Muk. olov. prom.* 34 no. 3:20 Mr '68.

- Effectiveness of utilizing grain subjected to the effects of gamma radiation for disinfection purposes. E. V. Perekhin. *Trudy VNIIZ* no. 56:126-132 '68.
- Post-harvest treatment and storage of seeds of leguminous crops. S. I. Akhmetov, H. L. Medvedev. *Trudy VNIIZ* no. 56: 67-77 '68.
- Preparing for the new harvest. R. Shkharov. *Muk. - elev. prom.* 34 no. 3:2 Mr '68.
- Pressure losses as a result of pneumatic lifting of products. G. Koshuk. *Muk. - elev. prom.* 34 no. 3: 18-20 Mr '68.
- Irreversible loss of moisture in frosty harvested lupine seeds. A. Skazodnikov. *Muk. - elev. prom.* 34 no. 3:19 Mr '68.
- Search for new methods of evaluation of millet during storage. V. D. Druva. *Trudy VNIIZ* no. 56:149-155 '68.
- State of characteristics of the physicochemical properties of rough rice. A. I. Aprut, Z. I. Hattori. *Trudy VNIIZ* no. 56:153-159 '68.
- State of characteristics of the post-harvest treatment of peas, soybeans, beans, etc. and soybeans. N. A. Tsyglov. *Trudy VNIIZ* no. 56:161-166 '68.
- Special features in utilizing grain product and combined feed for dairy enterprises in the new system of planning and economic incentives. T. Pavlova. *Zakup. sel'khoz. prod.* no. 3:10-12 Ap '68.
- Study of the contact sharpening of little-sharpened grain products. E. S. Peresovskii, R. H. Lerman, K. I. Gliner. *Trudy VNIIZ* no. 56:19-20 '68.
- Screen cleaning of damp earth of overhead silo conveyors. I. G. Shabanov. *Muk. - elev. prom.* 34 no. 3:23-26 Mr '68.
- Technological properties and chemical composition of groups of domestic rice varieties. A. P. Smolnikov, Z. P. Anikina. *Trudy VNIIZ* no. 56:60-66 '68.
- Treatment of wheat with lowered initial moisture. P. I. Serdyukov, S. G. Bakhmatov, A. V. Kuchina. *Trudy VNIIZ* no. 56:10-18 '68.
- Wet type of granulation should be built within the province. K. Zolotarevskii. *Muk. - elev. prom.* 34 no. 3: 27 Mr '68.

664.7(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

- Increase the speed and improve the quality in the construction of granulation and grain processing plants in the Russian Federation. V. Kachalov. *Muk. - elev. prom.* 31 no. 3:12-14 Mr '68.

664.7(471, 311)—Moscow Province

- From the experience of the Molokovo Combined Larder Plant. A. Zholtalin. *Muk. - elev. prom.* 31 no. 3:8-9 Mr '68.

664.7(471, 312)—Tula Province

- Memoria of automation at the Tula Flour Combine. T. Khizina. *Muk. - elev. prom.* 31 no. 3:20-21 Mr '68.

664.7(471, 41)—Tatar A. S. S. R.

- Experience in the application of lot accounting of raw materials and mixed feed production at flour mills of the Tatar A. S. S. R. G. Shkharov, S. Popov. *Muk. - elev. prom.* 31 no. 3:10-11 Mr '68.

664.7(471, 62)—Krasnodar Territory

- Communist labor section. N. Strel'tsov. *Zakup. sel'khoz. prod.* no. 1:40 Ja '68.
- The Krasnodarmeykaya Serech Combine in the starting point of the state. V. Suprunov. *Zakup. sel'khoz. prod.* no. 4:19-17 Ap '68.

664.7(471, 63)—Stavropol Territory

- Cat growth. G. Khripkov. *Zakup. sel'khoz. prod.* no. 12: 19-11 D '67.

664.7(476)—White Russian S. S. R.

- At the progressive Mogilov Flour Combine in White Russia. M. Belkov. *Muk. - elev. prom.* 34 no. 3:4-6 Mr '68.

664.7(477)—Ukrainian S. S. R.

- Combination in the field of grain production in the Ukrainian S. S. R. D. Gorozhin, B. Sobolov. *Muk. - elev. prom.* 31 no. 3:14-15 Mr '68.

664.8 Preservation of organic products. Fruit and vegetable products

- Chemical preservation of clover. N. P. Drozdov, I. A. Sushchikov. *Khim. v sel'khoz.* 6 no. 6:67-58 Ju '68.
- Effect of the degree of milk cooling after milking and of the storage conditions on its technological properties. M. I. Stabin. *Trudy VNIIZ* no. 48:65-75 '68.
- Methods of fermenting cabbage. M. Usatuk. *Sov. iorg.* 41 no. 5:46-49 My '68.
- Some characteristics of spectrographic determination of trace elements in food products of vegetable origin. G. V. Novikov, A. E. Roiman. *Trudy Perin. gos. med. inst.* no. 68:60-63 '67.

664.8(477, 9)—Crimen

- Organize the marketing of canned fruit and vegetables produced on collective and state farms. I. Nal'tsev. *Zakup. sel'khoz. prod.* no. 3:21-22 Mr '68.

664.8(479, 24)—Azerbaijan S. S. R.

- Development of the canning and tea industries in Azerbaijan. G. A. Seidov. *Za tekhn. prog.* 7 no. 11:42-43 N '67.

664.9 Preservation of animal products

- Changes in nitrous substances of fish in producing and preserving canned fish in tomato sauce. M. V. Kalantarova. *Trudy VNIIZ* 40:74-80 '59.
- Effect of increased doses of yeast culture No. 384 on the spoilage resistance of mass-produced butter in storage. Characteristics of mass-produced butter. G. I. Bick, G. G. Bick. *Trudy VNIIZ* no. 49:77-82 '66.
- Effect of ptyalotin enzymes on fish proteins in the presence of calcium chloride. B. K. Kovalchuk. *Trudy VNIIZ* 40:63-65 '59.
- Freezing and preserving crabs at low temperatures. G. K. Kovalchuk, Z. S. Parshina. *Trudy VNIIZ* 40:117-120 '59.
- Increasing the stability of butter in storage. O. G. Kotova. *Trudy VNIIZ* no. 49:91-101 '66.
- Interaction of lactose with amino acids. S. L. Bernman. *Trudy VNIIZ* no. 49:13-14 '66.
- Microscopic fish study during salting. A. I. Vidskai. *Trudy VNIIZ* 40:67-73 '59.
- New drying method. A. I. Vidskai, V. I. Troshcheva, V. V. Koshchev. *Trudy VNIIZ* 40:37-37 '59.
- Nikolai, B. P. [Fish products] Rybnye produkty. Moskva, "Pishchevaya prom.-st." 1968. 310 p.
- Role of hydrogen peroxide in the aerobic oxidation processes. I. G. Gerasimov, E. I. Zakhara. *Trudy VNIIZ* no. 47: 15-18 '65.
- Salt brine for salting fish in a container. A. I. Sakrutov. *Trudy VNIIZ* 40:104-114 '59.
- Sterilization of cod liver in containers aboard a trawler and the production of canned fish from it. K. A. Mochalov. *Trudy VNIIZ* 40:38-45 '59.
- Technology and quality of dried whitefish. T. S. Shmakova. *Trudy VNIIZ* 40:144-149 '59.

664.9(202, 8)—Chaplin Sea

- Sardines from Chaplin sprits. M. V. Kalantarova, M. V. Makstomova, I. K. Rogova. *Trudy VNIIZ* 40:81-83 '59.

664.9(470, 54)—Azerbaijan S. S. R.

- Development of the Azerbaijan fish industry. A. M. Makhmudov. *Za tekhn. prog.* 7 no. 11:43-48 N '67.

665 Oils. Fats. Waxes

- Effect of the temperature of paraffin oxidation on the composition of fatty acids. A. A. Perelutskii, M. A. Marchenko. *Neftepr. i neftekhim.* no. 7:41-43 '68.
- Hydrogenation of cottonseed oil on mixed palladium catalysts. B. V. Sokol'skii, H. E. Kozlovskaya. *Izv. Akad. Nauk SSSR, Ser. Khim.* 19 no. 2:36-43 Mr '68.
- Method for the calculation of heat and fat production. P. Lukash, *Mik. ind.* SSSR 33 no. 3:16 Mr '68.
- Methods of drying cotton beans in active ventilation installations. M. I. Husamova and others. *Trudy VNIIZ* no. 56:1-52 '66.
- Petrov, N. V. [Inspection of the quality of grain products and oilseed cakes during transportation] Inspektirovaniye kachestva zernoproduktov i zhnyzhovnykh porevz-lukh. Izd. 3-6, pereabotat. 1 dop. Moskva, "Kolos," 1967. 85 p.
- Radial-catalytic oxidation of paraffin. A. S. Drozdov and others. *Neftepr. i neftekhim.* no. 2:35-38 '68.
- Study of incomplete hydrogenation of oil fat. V. I. Troshcheva. *Trudy VNIIZ* 40:46-62 '59.
- Study of the process of hydrogenation of tall oil to obtain special technical lubricants. N. V. Torogorin, M. S. Paschenko, F. A. Medvedev. *Nauka, Trudy LTA* no. 105: 82-88 '66.
- Technology of sewage purification on biofilters and in aerobically of the synthetic fatty acids industry. L. A. Kul'shik, A. D. Stum, E. V. Solovikova. *Khim. prom. Ukr.* no. 1:54-56 Ja-F '68.

665(477)—Ukrainian S. S. R.

- Catalytic reforming of the 62 to 85° C fraction of the Lysyakov petroleum deposits. I. E. Smolnik and others. *Khim. i tekhn. topl. i masel* 13 no. 6:10-12 '68.
- Obstacles which can be removed. I. Nosenko. *Zakup. sel'khoz. prod.* no. 12:44-45 D '67.

665(575, 3)—Tajik S. S. R.

- Chemical composition of natural and casing-head petroleum gases of Tajikistan oil fields. I. V. Valtukov, G. M. Bolotov, I. V. Retman. *Dokl. AN Tadzh. SSR.* 11 no. 1:46-49 '68.

665.5 Petroleum. Mineral oil processing

- Analysis of flow sheets for stabilizing petroleum in fields. I. S. Vol'ison and others. *Nef. khoz.* 46 no. 7:45-48 Ji '68.
- Caking distillate extracts as raw material for the production of carbon black. A. S. Andreeva and others. *Khim. i tekhn. topl. i masel* 13 no. 4:24-25 '68.
- [Collection of articles on design and research costs in construction] Stornik tezen na proektirovaniye i izyskatel'nyye raboty dlya stroitel'stva. Izd. ofits. Moskva, Stroiizdat.
- Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhej.
- Izhd. 8. [Petroleum refining and petrochemical industries] Nefteperabatyvatel'skaya i neftekhimicheskaya promyshlennost'. Uv. 15/VIII 1967 g. 1968. 19 p.
- Composition of ash portion of jet fuels. V. N. Zretov, N. I. Marichenko. *Neftepr. i neftekhim.* no. 7:5-7 '68.

- Deaeromatization of liquid paraffin with dimethylformamide. G. E. Lednitskaya, I. L. Raiburskaya. *Khim. i tekhn. topl. i masel* 13 no. 4:21-22 '68.
- Determining the sizes of particles of a carboxylic paraffin complex by x-ray topography. O. I. Bruk, V. S. Kaminskii, E. A. Orlov. *Khim. i tekhn. topl. i masel* 13 no. 4: 53 '68.
- Disorders in the procurement of mazut. G. Litshenko. *Mak. - elev. prom.* 3 no. 5:91-92 Mr '68.
- Effect of the size of catalyst particles on the indices of the catalytic refining of cracked gasolines in the fluidized bed of an alumina-silicate catalyst. Abdul-Khalim, M. I. Rustamov, V. S. Alier. *Izv. vys. ucheb. zav. i nelli* 1:65-68 '69.
- Effect of the structure of the alkylating agent and the nature of the catalyst on the relationship of ortho- and para-isomers in the products of phenol alkylation. K. I. Zil'mina and others. *Neftepr. i neftekhim.* no. 7: 11-13 '68.
- Esterification of mono- and polyhydric alcohols with acid chlorides of hexahydro-naphthalene and petroleum naphthalenic acids. A. G. Ismailov, B. A. Salimova. *Khim. i tekhn. topl. i masel* 13 no. 4:65-68 '67.
- Evaluating and correction properties of motor oils with additives. N. N. Ryzanisev, V. S. Demchenko. *Khim. i tekhn. topl. i masel* 13 no. 6:48-51 '68.
- Experiences in burning heavy mazut and tar. G. Ilyaly, F. Tromposh, B. C. Shtakovich. *Khim. i tekhn. topl. i masel* 13 no. 6:13-15 '68.
- Experiment in pyrolysis of benzene raffinate in a unit with a dense bed of moving heat medium. V. M. Petrov, E. S. Bezinizgin, A. S. Strel'tsov. *Khim. i tekhn. topl. i masel* 13 no. 6:13-15 '68.
- Extraction of naphthalenic acids from oil field waters by the method of their extraction by kerosene in the presence of iron (III). G. E. Efendiev, R. A. Alkerperov, B. I. Kurimova. *Tr. zap. AGU. Ser. Khim. nauk* no. 4: 5-6 '68.
- High-intensity conversion of methane in the fluid bed of a catalyst under pressure. G. P. Sclerov, V. S. Al'tshuler, L. D. Leonova. *Khim. prom.* 44 no. 6:59-61 Ju '68.
- Instantaneous temperature coefficients for liquid ethane, propane, n-butane, and n-pentane. N. K. Kadyrov and others. *Gaz. i teplo* no. 3:34-37 '68.
- L'vov, B. L. [Ways of treasures] Dorogi sokrovishch. Moskva, "Mysl'" 1967. 60 p.
- Macromoleculars of the formation of individual products and selectively in catalytic cracking of petroleum distillates. D. I. Oruchko, G. N. Chernakova. *Khim. i tekhn. topl. i masel* 13 no. 6:16-19 '68.
- Mathematical modeling of petroleum refining. S. M. Zaslavskii and others. *Neftepr. i neftekhim.* no. 7: 44-45 '68.
- Meeting seasonal requirements for petroleum products. V. S. Ashurov, V. I. Gubernik, I. A. Tashirova. *Khim. i tekhn. topl. i masel* 13 no. 4:35-37 '68.
- Method for studying the oxidation stability of oils and effectiveness of inhibitors. I. U. V. Dandarehuk, V. P. Baranovsk. *Izv. vys. ucheb. zav. i nelli* 1:62-62 '68.
- Molecular content of hydrogenated natural gases. G. V. Vialkina, N. V. Zil'mova, A. M. Kholmatov. *Gaz. i teplo* no. 3:20-34 '68.
- Nomograms for the calculation of the structural group composition of hydrocarbon fuels and oils. L. P. Glibatidzev. *Khim. i tekhn. topl. i masel* 13 no. 6: 67-69 '68.
- On coke production. N. A. Salimova, D. A. Alier, L. A. Gul'man. *Izv. vys. ucheb. zav. i nelli* 1:64-64 '68.
- Optimization of the production of aromatic hydrocarbons. D. I. Andreev, S. G. Lopatin. *Izv. vys. ucheb. zav. i nelli* 1:64-64 '68.
- The output of high-quality petroleum coke is of great importance to the national economy. P. P. Lomako. *Khim. i tekhn. topl. i masel* 13 no. 4:4-4 '68.
- [Petroleum products. Test methods] Nefteprodukty. Metody ispytaniy. Izd. ofits. Moskva, Izd. standartov. (Gos. standardy SSSR)
- Ch. 1. 1967. 745 p.
- Ch. 2. 1967. 304 p.
- [Petroleum refining and petrochemistry] Nefteperabatyvatel' i neftekhimika. Kiev, "Naukova dumka."
- Vyp. 2. 1967. 291 p.
- Planning to redesign alkylating units. P. M. Sorokin. *Brop. i truda v prom.* 12 no. 4:28 Ap '68.
- Possibility of using the equilibrium constant in the isomerization of hydrocarbons for evaluating temperatures of oil and condensate formation. I. A. D. Savina, A. A. Vektovskii. *Gaz. i teplo* no. 5:6-11 My '68.
- Preliminary petroleum refining in the Akhlyr' Petroleum Production Administration of the Dnepropetrovsk Association. T. G. Alier. *Nef. khoz.* 46 no. 7:81-82 Ji '68.
- Preparing petroleum for processing. I. A. I. Pivovarkii. *Khim. i tekhn. topl. i masel* 13 no. 4:29-32 '68.
- Production of high-melting cereasins and protective waxes from highly viscous residual fractions. P. A. Zolotarev and others. *Khim. i tekhn. topl. i masel* 13 no. 6:23-24 '68.
- Quinoline as a stationary liquid phase in gas-liquid chromatography of hexano hexeno gnosel fraction hydrocarbons. V. I. Sokolova, R. P. Katunov. *Khim. i tekhn. topl. i masel* 13 no. 8:54-56 '68.
- Reaction of petroleum with nickel and zinc in aqueous solutions. I. F. Loshitskaya, L. A. Gulteva. *Uch. zap. Atil', Sur. Khim. nauk* no. 4:44-57 '68.
- Redesigning the T-A-type catalytic cracking unit. M. E. Lovitser and others. *Neftepr. i neftekhim.* no. 7: 1 '68.
- Regeneration of the active aluminum oxide desiccant by propylene. V. S. Koshelov, V. I. Fomina, S. Sh. Byk. *Khim. i tekhn. topl. i masel* 13 no. 4:23-24 '68.

665, 5 (Continued)

- Selecting an effective flow sheet for treating hydrogen sulfide in sulfur. I. U. Brodskii. *Gaz.prom.* 13 no. 5:50-52 My '68.
- Sensitivity of formalin reaction. I. M. Bratse, I. U. V. Popov. *Neftper. i neftekhim.* no. 7:49-53 '68.
- Separation of alkylphenol additives from oil solutions by dialysis. L. A. Stobdn, T. G. Malysheva. *Khim. i tekhnol. i masel* 13 no. 4:55-57 '68.
- Solvent treatment of coked catalyst in hydrocracking. V. M. Karyanov and others. *Neftper. i neftekhim.* no. 7:13-15 '68.
- Some characteristics of the distribution of micro-organisms, assimilating hydrocarbons, in soils of oil deposits. E. I. Krasnikov, I. P. Krivitskii. *Mikrobiologiya* 37 no. 2:321-328 Mr-Apr '68.
- Structure of solid petroleum hydrocarbons developing on carbamide complexes. A. N. Guseva, I. E. Leifman. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 4:61-64 '68.
- Study of aminophenol additives for fuel oils. L. M. Pashchik and others. *Khim. i tekhnol. i masel* 13 no. 4:51-54 '68.
- Study of diaphragm-type mixers. N. O. Kevorkian. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 4:100-103 '68.
- Stud. of the catalytic reforming of low-octane gasolines. V. I. Dab' and others. *Khimi. i tekhnol. i masel* 13 no. 5:63-65 '68.
- Study of the lubricating properties of automatic brake fluids. P. G. Filatov, R. I. Khimov. *Khim. i tekhnol. i masel* 13 no. 4:54-62 '68.
- Study of units of low-temperature separation as objects for automatic control. V. T. German. *Gaz.delo* no. 1:22-26 '68.
- Studying the content of trace elements in separate petroleum fractions. D. I. Zil'berg, B. K. Karabekova, V. I. Ermakova. *Uch. zap. AGU. Ser. Khim. nauk* no. 4:41-43 '65.
- Studying the kinetics of mass transfer in plates with two phase-contact zones. P. A. Belozorov, O. S. Cherkov, P. G. Bolarskii. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 4:53-57 '68.
- Studying the optical activity of petroleum of the Nakhla field. I. S. Sattar-Zade, I. A. Kh. Shukhverdiev, A. Dzh. Sattar-Zade. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 1:47-48 '68.
- Tenth anniversary of the Ufa Oil Refinery named after the 22nd Congress of the Communist Party of the Soviet Union. D. F. Varfolomeev. *Khim. i tekhnol. i masel* 13 no. 6:1-3 '68.
- Testing of circulatory heating of low-viscosity paraffinic marul. F. G. Guear. *Enorgitich* 10 no. 2:28-30 F '68.
- Time of great deals: from the meeting of activists workers of the petroleum production, gas, petroleum refining, and petrochemical industries. N. I. Iliak 13 no. 5:17-19 My '68.
- Using the method of gas-liquid chromatography for studying the composition of 62-105°C fractions from the block for platforming and platforming catalyzate. N. A. Butovitch. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 4:56-60 '68.

665, 5(4/9, 104)—Capitalist countries of the world

Expenditures for research in the chemical and petrochemical industries of capitalist countries. Neftper. i neftekhim. no. 7:51-52 '68.

665, 5(471, 472)—Tatar A.S.S.R.

Analyzing the performance of an isotopic column with grid trays in the 5/6 factory of the Minshevro Gaseing-head Plant. I. A. Alekseyev, E. N. Turevskii, O. S. Bakhtshin. *Gaz.delo* no. 3:38-41 '68.

Wide-molecular compounds of petroleum stabilizing plants and stable casing-head gasolines. R. V. Vialok, M. N. Teleshova, V. A. Razumov. *Neftper. i neftekhim.* no. 7:25-26 '68.

665, 5(471, 52)—Bashkir A.S.S.R.

Content of petroleum sulfides in the 170-316°C fraction of Arlan petroleum. I. A. B. Cherkov, V. G. Spirkin, G. F. Bol'shakov. *Khim. i tekhnol. i masel* 13 no. 6:19-22 '68.

665, 5(471, 53)—Perm Province

Transformer oil from the Kamshiny Log petroleum. N. A. Butovitch, N. N. Sarkova. *Neftper. i neftekhim.* no. 7:4-5 '68.

665, 5(471, 62)—Krasnodar Territory

Production of high-octane reforming gasoline on a pilot plant unit. A. P. Fedorov and others. *Khim. i tekhnol. i masel* 13 no. 4:5-8 '68.

665, 5(471, 66)—Chechen-Ingush A.S.S.R.

Properties of emulsions of the petroleum of the Khayankort and Alt-Yurt fields and methods for their dewatering and desalting. R. A. Filina, R. K. Khabibulina, M. I. Rebeca. *Neftper. i neftekhim.* no. 7:7-10 '68.

665, 5(474)—Baltic Republic

First oil fields of the Baltic area. Z. V. Driatekale, S. V. Zavershinskaya. *Khim. i tekhnol. i masel* 13 no. 8:7-10 '68.

665, 5(477)—Ukrainian S.S.R.

Composition of n-paraffins ($C_3 - C_{17}$) of some petroleum and condensates of the Ukraine. E. V. Bolarskaya, E. P. Shevchenko. *Neft. i gaz.prom.* no. 3:37-40 My '68.

Group composition of Karadian straight run distillation petroleum. E. F. Shevchenko. *Khim. i tekhnol. i masel* 13 no. 4:8-11 '68.

On some problems of the production and consumption of petroleum products in the South-eastern Economic Region of the Ukrainian S.S.R. N. Zurbach. *Org. i plan. dir. nar. khoz.* no. 4:152-156 '66.

665, 5(479, 24)—Azerbaijan S.S.R.

Alekperov L. L. [Comparative characteristics of morbidity among the workers of the petroleum industry in Azerbaijan] *Sravnitel'naya kharakteristika zabolevannosti rabochikh nefteknol. promyshlennosti Azerbaidzhana*. [Sumgait, 1966] 68 p.

Communist voluntary work on Saturdays in the petroleum industry. N. I. Leibman. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 4:5 '68.

Present state of and prospects for the development of automatics in the Azerbaijan oil industry. A. A. Abdullayev. *Za tekhn. prog.* 7 no. 11:4-6 K '67.

665, 5(571, 13)—Omsk Province

Effect of the mixture of hydrocarbons and hydrogen sulfide on the histological structure of the central nervous system. V. M. Kamnev, T. M. Khutikova. *Nauch. trudy OMI* no. 61:141-146 '65.

Hygienic evaluation of the air in the area of Omsk Petroleum Refinery. R. A. Posokhin. *Nauch. trudy OMI* no. 61:128-133 '65.

Hygienic evaluation of work conditions in the production of oil in the Omsk Petroleum Refinery. N. K. Iyevliankova, Z. K. Padeeva. *Nauch. trudy OMI* no. 61:202-207 '65.

665, 5(574)—Kazakh S.S.R.

Petroleum from the Tasbulat deposit on the Mangyshlak peninsula. E. S. Levenchenko, E. A. Ponomareva. *Khim. i tekhnol. i masel* 13 no. 6:3-7 '68.

Production of diesel fuel from Mangyshlak petroleum. M. G. Miroslavov and others. *Khim. i tekhnol. i masel* 13 no. 4:19-21 '68.

Thermophysical properties of narrow fractions of Mangyshlak petroleum. I. U. K. Rostorginev, V. Z. Geller. *Khim. i tekhnol. i masel* 13 no. 4:11-14 '68.

665, 5(73)—United States of America

Use of propylene in the petrochemical industry in the U.S.A. L. G. Shlafer. *Khim. i tekhnol. i masel* 13 no. 6:60-62 '68.

Using digital control computers for the automation of catalytic cracking. I. K. Parra, J. A. Sigov. *Nucl. i gaz.prom.* no. 3:51-54 My '68.

666 Glass, ceramic, clay, etc., industries

Economic efficiency of using bentonites in the ceramic industry. R. Bogdanian. *Prom. Arm.* 10 no. 12:34 '67.

Effect of thermoelectronic factors of oxide melts on their surface properties. V. V. Pokrovskii and others. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:513-517 Ap '68.

Electric conductivity of molten lead silicate and lead borate glass. K. A. Kabanov, O. K. Gekelchik. *Arm. khim. zhur.* 21 no. 3:234-240 '68.

In the Ministry of Manufactures of the U.S.S.R. A. P. Litovko. *Slek. i ker.* 25 no. 5:7-8 My '68.

Investigating effective ways of dealing with "difficult" grains in vibrator classification. A. Akopov. *Prom. Arm.* 10 no. 12:30-41 '67.

Present state and further developments in the production of consumer goods. A. I. Boguslavskii. *Slek. i ker.* 25 no. 5:4-6 My '68.

666.1 Glass industry and technology

Accelerating the cooling of the glass batch with the help of special barrier devices. L. G. Geronimovskaya and others. *Slek. i ker.* 25 no. 5:23-26 My '68.

Additive electroconductivity of polyalkaline silicate glasses. A. A. Frankin. *Vest. LGU* 23 no. 10:119-150 My '68.

Analysis of gases dissolved in alkali-free aluminum boron silicate glass. K. V. Nagdevich, V. P. Poltavov, I. U. I. Kolesov. *Slek. i ker.* 25 no. 5:23-26 My '68.

Boring holes in glass with a diamond drill. M. M. Pridler. *Slek. i ker.* 25 no. 5:18-19 My '68.

Certain characteristics of slip casting of quartz glass ceramics. I. U. E. Pivinskii, F. T. Gorobova. *Slek. i ker.* 25 no. 5:10-22 My '68.

Colorimetric determination of sulfur in glasses. N. M. Pavlushkin, R. M. Chernyakova. *Trudy MKHTI* no. 60:81-83 '66.

Creative activity of Professor Isaak Michailovich Kitagorodskii. N. M. Pavlushkin. *Trudy MKHTI* no. 50:6-8 '68.

Crystallization glasses in the system $Li_2O - CaO - SiO_2$. S. K. Dubrov, T. S. Tsekhomskaya, M. V. Zaslavskaya. *Dokl. AN SSSR* 180 no. 1:172-174 My '68.

Crystallization of the glass of composition $Li_2O - CaO - 2SiO_2$. T. S. Tsekhomskaya, S. K. Dubrov. *Zhur. prikl. khim.* 41 no. 3:480-487 Mr '68.

Dielectric losses of some pyrocerams at superhigh frequency. M. D. Maslovich, E. N. Svetlanovskaya, R. G. Varskii. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:590-593 Ap '68.

Effect of titanium dioxide on phase composition of pyroceramic materials. N. M. Pavlushkin, M. Sh. Shorafiev, S. T. Suleimanov. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:636-637 Ap '68.

Effective cross sections of atomic displacement in some two-component glasses due to γ -rays. V. M. Nostrov. *Izv. vyz. ucheb. zav. i nelt' i gaz* 11 no. 5:87-90 '68.

Electric melting of milky glasses. A. M. Milk-Akchamir, K. Tatarov, K. Kozdantau. *Prom. Arm.* 10 no. 1:26-28 '68.

Electron paramagnetic resonance spectra, electric absorption spectra and structure of glasses of the system $K_2O - TiO_2 - SiO_2$. T. A. Shibaev, V. A. Tikhonin. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:578-581 Ap '68.

Glass melting with rare-earth elements. N. A. Fedorova. *Slek. i ker.* 25 no. 5:22-23 My '68.

Hardening of glasses in polyethylaloxane and polyethyl heavy metal melts. I. I. Kitagorodskii, S. S. Tsekhomskaya, V. M. Pirov. *Trudy MKHTI* no. 50:63-65 '66.

Heat exchange in a flame zone of glass furnace. E. B. Ginzburg and others. *Trudy MKHTI* no. 60:53-54 '66.

Interacting the between-graphite of glass tank furnace. I. A. Kulazev and others. *Slek. i ker.* 25 no. 5:11-12 My '68.

Large-size glass blocks as a new building material. E. A. Obolshchik and others. *Slek. i ker.* 25 no. 5:12-13 My '68.

Method for calculating two-ply melt-glass plates. I. I. Kozlovskii. *Khim. i tekhnol. i masel* 13 no. 4:72-73 Ap '68.

Method of studying the chemical stability of glasses. N. N. Kuchergina, A. I. Puzikova, T. A. Puzikova. *Vest. LGU* 23 no. 10:144-145 My '68.

New method of preheating the melting zone of an electric glass furnace. M. I. Kuvshinov. *Slek. i ker.* 25 no. 5:11-12 My '68.

New method of the calculation of glass composition. D. B. Ginzburg, A. A. Rapoport. *Trudy MKHTI* no. 47:54 '66.

Profile as raw material for the glass industry. A. C. Manuilov and others. *Slek. i ker.* 25 no. 5:27-31 My '68.

Preparation of glass ultrathin films of geocellulose. I. A. Kozlovskii, I. A. Kozlovskii, I. A. Kozlovskii. *Vest. LGU* 23 no. 10:115-120 My '68.

Quartz process of high silica porous glasses. I. I. Kuvshinov, N. I. Anan'ev, O. I. Puzikova. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:632-634 Ap '68.

Rating the technical level of production in the glass industry. *Slek. i ker.* 25 no. 6:1-3 My '68.

Relation of glass intercalation values in the optical band. I. V. Razumovskii, D. S. Kuvshinov. *Zhur. prikl. khim.* 41 no. 3:351-352 '68.

Some special features of chemical etching of glasses. S. I. Sil'vovskii, V. M. Pirov. *Trudy MKHTI* no. 60:70-71 '66.

Study of the crystallization process of some glasses. N. M. Pavlushkin, G. P. Litovskaya. *Trudy MKHTI* no. 50:16-28 '66.

Study of the dependence of some properties of glasses on physical and chemical composition. I. I. Kitagorodskii, I. I. Kuvshinov. *Trudy MKHTI* no. 50:31-33 My '68.

Study of the effect of titanium dioxide on glass crystallization in the system $SiO_2 - Al_2O_3 - MgO$. I. I. Kitagorodskii, I. I. Kuvshinov, M. I. Kuvshinov. *Trudy MKHTI* no. 50:40-45 '68.

Study of the glass formation and properties of barium phosphate glasses. I. N. Ushakovskii, V. M. Kuvshinov, H. I. Buldakov. *Zhur. prikl. khim.* 41 no. 3:600-604 Mr '68.

Study of the initial stages of pyroceram formation by photochemical means. A. I. Kuvshinov, I. I. Kuvshinov. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:584-587 Ap '68.

Study of the luminescence and absorption of some glasses. I. I. Kitagorodskii, I. I. Kuvshinov, M. V. Zaslavskaya. *Trudy MKHTI* no. 50:70-80 '66.

Study of the possibility of obtaining glasses with a content of rare earth elements. I. I. Kitagorodskii, I. I. Kuvshinov. *Trudy MKHTI* no. 60:39-41 '68.

Study of the solubility of glasses in the system alkali-sodium oxide - vanadium oxide. M. A. Mayshev, V. V. Voronin. *Trudy MKHTI* no. 60:71-76 '66.

Study of vitrification in alkaline silicate-aluminum systems. I. I. Kitagorodskii, G. A. Puzikova. *Trudy MKHTI* no. 60:20-31 '66.

Studying the structural position of divalent cations in fluoroborate and phosphate glasses using electron paramagnetic resonance data. O. A. Tsurkova and others. *Izv. AN SSSR. Neorg. mat.* 4 no. 4:511-511 Ap '68.

Synthesis of glasses based on Pyrex glass and large amounts of their physicochemical properties. I. I. Kitagorodskii, I. S. Egorova. *Trudy MKHTI* no. 50:32-36 '66.

Technology of the manufacture of precast-type refractory light guides. Kh. I. Guprudashvili, I. A. Ostrovich. *Trudy i statopr.* no. 1:36-37 Ja '68.

666, 1(471, 64)—Kabardin-Balkar A.S.S.R.

Preparation of pyroceramics based on Pyrex-type "ballings". I. I. Kitagorodskii, S. V. Pirov, M. P. Boris. *Trudy MKHTI* no. 60:40-40 '66.

666, 1(474, 6)—Lithuanian S.S.R.

At the Pavlovskaya Glass Plant. I. I. Guprudashvili. *Slek. i ker.* 25 no. 5:43-45 My '68.

666, 1(470, 25)—Armenian S.S.R.

Production of new materials based on certain rocks. M. Oganezian, K. Aratova. *Prom. Arm.* 10 no. 1:11-15 '68.

666.2 Enamels and glazes

Acid-resistant enamels for steel coating. B. A. Cherkovskii, A. S. Tumanov. *Slek. i ker.* 25 no. 5:20-22 My '68.

- Precision turning of brass and duralumin with synthetic cerium cutting tools. S. O. Geulakian, Stan. Instr. 39 no. 5:18 My '68.
- 666.3 Clay and ceramic ware**
 Ceramics: characteristics of slip casting of quartz glass ceramics. I. U. K. Pivinskii, F. T. Gornbata, Stek. i ker. 25 no. 5:19-22 My '68.
 Determining the impact strength of ceramic materials. B. S. Skidan, A. S. Vlasov, D. N. Polubotarinov. Trudy MKITTI no. 50:210-212 '68.
 Developing parameters for the production of facade tiles with angle firing in roller furnaces. P. I. Bercnashin, A. I. Ermolaeva, Stek. i ker. 25 no. 5:28-31 My '68.
 Device for the control of slotted furnace rollers and for signaling their breakdown. L. S. Zilbert, I. M. Sokharinov, V. N. Smirnova, Stek. i ker. 25 no. 5:35-38 My '68.
 Effect of the degree of purity of ZrO_2 and stabilization method of some properties of zirconium ceramics. I. A. Demons, G. P. Kalliga, Trudy MKITTI no. 60: 165-190 '68.
 Effect of the width of a tunnel kiln channel on the uniformity of firing of the products. O. P. Ostrovskii, V. L. Kozlenko, N. G. Shkharovskii, Stek. i ker. 25 no. 5: 32-35 My '68.
 Glazed ceramic coatings with increased density obtained by the gas flame deposition method. I. D. Svirskii, I. U. A. Pirogov, Khim. tekhn. 9:128-131 '67.
 Perfecting the technology and improving the working conditions in the production of Metekhin tiles. V. V. Kuznetsov, V. S. Stepanov, I. A. Podshvalova, Stek. i ker. 25 no. 5: 41-43 My '68.
 Processes taking place during roasting ceramics based on quartz glass. R. I. A. Popov, I. E. Natanova, Trudy MKITTI no. 40:105-109 '66.
 Refractory bases are a raw material for the production of stone ceramics by extrusion. A. V. Abramyan, V. G. Aramian, M. T. Melkonian, Stek. i ker. 25 no. 5:37-39 My '68.
 Study of the effect of vacuum firing on the properties of ceramics from TiO_2 . A. F. Belikov, V. N. Belikov, A. I. Bulavin, Izv. AN SSSR, Neorg. mat. 4 no. 4:548-548 Ap '68.
 Study of the impact strength of ceramics of the system Al_2O_3 - Me. B. S. Skidan, A. S. Vlasov, D. N. Polubotarinov. Trudy MKITTI no. 50:213-216 '68.
 Thermodynamic analysis of the equilibrium in the system CaO - CaO_2 . F. A. Akopov, D. N. Polubotarinov, Trudy MKITTI no. 50:191-194 '66.
 Vaporization and creep of sintered oxide ceramics. V. S. Bakunov, E. S. Lukin, D. N. Polubotarinov, Trudy MKITTI no. 50:218-220 '66.
- 666.5 Porcelain and china**
 Adding the production of telegraph insulators on automatic lines. V. K. Golashvili, V. V. Zimkovskii, Stek. i ker. 25 no. 5:39-40 My '68.
 Comparative study of porcelain china and earthenware for public eating enterprises. L. M. Shcheglov, N. S. Alekseev, Sbor. nauch. rab. INKII no. 20:70-84 '61.
- 666.6 Pottery**
 Comparative study of porcelain china and earthenware for public eating enterprises. L. M. Shcheglov, N. S. Alekseev, Sbor. nauch. rab. INKII no. 20:70-84 '61.
- 666.7 Heavy clayware and refractories**
 All-Union conference of refractory workers. K. K. Strelov. Stal. 20 no. 3:225-228 Ap '68.
 Measures for increasing the quality of the production of the Zaporozhye Refractories Plant. I. A. Dolgorukov, A. D. Pashko, B. A. Kostenko, Ognepopy 33 no. 5:55-56 '68.
 Effect of certain technological factors on the heat resistance of porcelain-spinel refractories. G. V. Kukolev, I. I. Nemets, V. A. Shekhtavaya, Ognepopy 33 no. 5: 31-39 '68.
 Effect of density on strength changes in refractory materials. G. A. Prantekavichius, Ognepopy 33 no. 5: 45-49 '68.
 Effect of mechanical stresses on the stability of open-hearth furnace crowns. G. I. Tikh, I. P. Rastias, Ognepopy 33 no. 5:28-31 '68.
 High refractory materials with a granular structure mode of fused MgO . V. L. Bakkevich, V. G. Lemashev, Ognepopy 33 no. 5:49-52 '68.
 High standards of production is the guarantee of success of an enterprise. M. I. Kolesnik, Ognepopy 33 no. 5: 9-11 '68.
 Interconnection of phase transformations and technical properties of materials on the basis of the system ZrO_2 - CaO_2 . I. A. V. Kitucharov, V. I. Strukhov, Ognepopy 33 no. 5:40-43 '68.
 Lightweight refractory products for use in controlled gas media. M. A. Rabinovich, N. M. Baulovich, Ognepopy 33 no. 5:6-9 '68.
 Mechanism of hearth disintegration. A. G. Khoruzhii, V. P. Onoprienko, Sbor. trud. UNIM no. 12:83-86 '67.
 Relation of the temperature of deformation under load to the distribution of condensed phases. K. K. Strelov, Ognepopy 33 no. 5:43-46 '68.
 Selection of burners for tunnel kilns. S. A. Sitriyev, Ognepopy 33 no. 5:11-13 '68.
 Service in the crown of an open-hearth furnace of basic refractories with an addition of fused aluminomagnesite spinel. G. I. Antonov and others, Ognepopy 33 no. 5: 22-27 '68.
- SM-488B ruberoid unit. V. I. Malyshev. Stal. i dor. mash. 13 no.1:10-21 Ja '68.**
 Societal obligations taken for 1968 by enterprises of the refractories industry. Ognepopy 33 no. 5:1-5 '68.
 Studying the kinetics of phase transformations during the heating of a specimen of zirconium dioxide and copper oxide. A. F. Bessonov, G. A. Takals, Ognepopy 33 no. 5:53-63 '69.
 Ultrasonic flaw detector for revealing cracks in unfired grog products resulting from overpressing. V. G. Shushch, I. A. Roznik, Ognepopy 33 no. 5:13-17 '68.
 Using different types of conveying in the mining of refractory clays and kaolins. G. N. Batsukov, S. V. Eroshkin, V. I. Seronatin, Ognepopy 33 no. 5:18-22 '68.
- 666.7(477.8)—Donets Basin**
 Device for the disconnection of automatic mass weighing and charging machines. G. I. Sapunov, Ognepopy 33 no. 5:57 '68.
- 666.8 Gypsum and other plasters**
 Effect of preliminary holding on structure formation of atomized samples from clinker minerals. M. K. Imashev, I. U. M. Butt, V. M. Kolbasov, Trudy MKITTI no. 50:100-106 '68.
 Study of the process of chemical concentration of nepheline syenites. R. G. Arshakun, R. G. Gevorgian, Izv. AN SSSR, Neorg. mat. 4 no. 4:638-640 Ap '68.
- 666.9 Lime, cement, mortar, concrete**
 Adapting the production of self-healing resistant Portland cement. I. M. Sidchenko, N. S. Zavgoradnii, A. I. Korogly, Tsement 32 no. 4:10-17 Ji-Ag '68.
 Aerated concrete for laying heating pipe systems without ducts. M. S. Kozlaushenko, Vod. i spon. tekhn. 3:346 Mr '68.
 Automating the heat treatment of reinforced concrete products at Gvozdnoprovoyrovo plants. S. I. Lyubenko, V. P. Abramov, Bet. i zhol. - bet. 13 no. 4:25-29 Ja '67.
 Automation of vacuum pumps. V. V. Shaposhnikov, I. U. V. Panatkin, A. N. Neboga, Tsement. 33 no. 3:20-21 My-Je '67.
 Bunching in slope conditions with use of borehole charges. A. N. Birtukhenov, Tsement 32 no. 4:21-22 Ji-Ag '68.
 Cast links of welded chain for heat exchange installations of rotary kilns. L. I. Cherap, Tsement. 33 no. 3:20 My-Je '67.
 Concrete and concrete for winter concreting. M. Saakian, Prom. Arm. 10 no. 12:17-19 '67.
 Chemical mechanism of hydration of quick hardening slag-Portland cement. V. I. Satorin, I. A. Myrkin, V. M. Mirak'ian, Tsement. 33 no. 3:5-7 My-Je '67.
 Computer calculation of the charge of raw materials. F. A. Govirts, I. G. Lazovska, Tsement 33 no. 1:0-10 Ja '67.
 Concrete made with quick hardening Portland-cement cement. V. I. Satorin, I. A. Myrkin, L. P. Shatukhina, Bet. i zhol. - bet. 13 no. 2:31-32 F '67.
 Continuous machine for installing granite supports. I. Z. Kataev, G. A. Bogdanov, P. I. Stukin, Shakh. stroi. 12 no. 3:18-21 Mr '68.
 Contracting method of time determination for isothermal heating of concrete. R. O. Krasovskii, L. A. Shcheglov, T. S. D. Urova, Bet. i zhol. - bet. 13 no. 2:32-34 F '67.
 Controlling the slurry making process by an x-ray goniometer. I. D. Borkhord and others, Tsement 33 no. 1:11-12 Ja-F '68.
 Crack resistance and strength of spherical precast reinforced concrete shells. S. M. Medin, Bet. i zhol. - bet. 12 no. 8:36-40 Ap '68.
 Cyclonic separator. N. F. Pofanov, L. V. Boliav, V. P. Sobol', Stal. i dor. mash. 13 no. 4:19-20 Ap '68.
 Dependence of concrete strength and bond with the reinforcement on the parameters of steam curing of thin-walled products. V. A. Shmidt, Stal. i dor. mash. 13 no. 1:36-40 Ja '68.
 Design faults of the kiln with cyclonic heat exchanger. P. F. Detogorov, Tsement 32 no. 4:3-4 Ji-Ag '68.
 Determining size and shifting directions of expiring rollers. I. U. M. Nikitich, I. T. Zolonyi, Tsement 33 no. 1:20-21 Ja-F '68.
 Determining the content of certain minerals in clinkers by the rational chemical analysis. N. I. Fetsava, V. K. Kostova, Tsement 32 no. 4:13-14 Ji-Ag '68.
 Double curvature shells made of precast reinforced concrete with metal membrane trusses. V. V. Shugakov, V. A. Vankovich, Bet. i zhol. - bet. 12 no. 8:15-23 Ag '68.
 Economic services in plants should be improved. S. I. Blyn, Tsement 32 no. 4:1-2 Ji-Ag '68.
 Economics are in the focus of attention. L. V. Kovalenko, Tsement 32 no. 4:2-3 Ji-Ag '68.
 Effect of corrosive waters on the stability of shafts reinforced by monolithic concrete lining. G. G. Mirzaev, A. G. Khutshvili, Gor. zhur. 143 no. 4:39-40 Ap '68.
 Effect of raw material impurities and addition agents on the viscosity of the liquid phase of Portland cement clinker. M. M. Sychev and others, Tsement 32 no. 4: 6-7 Ji-Ag '68.
 Effect of the addition of abietic acid sodium salt on the properties of mortars. V. I. Shishukina, Sbor. nauch. rab. DVNIS no. 8:134-138 '68.
 Effect of vibration intensity on physicochemical and deformability properties of concrete. I. N. Akhverdov, I. U. Deltova, Bet. i zhol. - bet. 13 no. 1:15-16 Ja '67.
 Effect of water-cement ratio on physicochemical properties of cement stone steam-treated at accelerated conditions. M. K. Imashev and others, Trudy MKITTI no. 50:101-108 '68.
- Effect of water-cement ratio on the processes of setting, structure, and properties of cements at lower temperatures. O. V. Topil'skii, I. U. M. Butt, V. M. Kolbasov, Trudy MKITTI no. 50:107-112 '68.
 Effective method for preserving the properties of grout Portland cement. V. S. Klement'eva, M. G. Tolochkova, G. M. Tarnarukhii, Tsement. 33 no. 3:4-5 My-Je '67.
 Effects of preloading on the formation of cracks in lightweight reinforced concrete. S. Ionnian, Prom. Arm. 10 no. 12:41-44 '67.
 Efficient methods of clinker bleaching. I. F. Ponomarev, A. N. Grachin, A. P. Kolesnikov, Tsement 32 no. 4: 11-12 Ji-Ag '66.
 Efficient use of potentialities in a plant. I. U. Dushko, V. I. Sidemovich, D. I. Gol'dinskii, Tsement 31 no. 1: 13 Ja-F '68.
 Electrically preheated concrete mix for manufacturing panels in curing chambers. G. I. Tselisuri and others, Bet. i zhol. - bet. 14 no. 3:4-8 Mr '68.
 Elimination of dialling during the loading of cement into railroad cars. S. A. Ladin, Tsement 34 no. 1:18-19 Ja-F '68.
 Estimating separation efficiency with consideration of surfaces. V. V. Tovarov, G. N. Oskalenko, A. F. Shevchenko, Tsement 32 no. 4:9-11 Ji-Ag '66.
 Estimating the quality of concrete by nondestructive methods. M. I. Leshchinskii, Bet. i zhol. - bet. 14 no. 3:24-25 Mr '68.
 Experience in the operation of a cement separating mill 3 by 14 m in size. S. N. Volkov, N. N. Verashina, Tsement 32 no. 4:20-21 Ji-Ag '68.
 Experience of using agglomerate in the construction of highway bridges. L. V. Pollakov, Bet. i zhol. tekhn. 29 no. 4:39 Ja '67.
 Factors hindering production of white and desolved cements. N. I. Dladshchev, Tsement 32 no. 4:12-13 Ji-Ag '66.
 50 years of progress. V. N. Poltynov, Tsement. 33 no. 3:3-3 My-Je '67.
 Fluorite-gypsum sludge as a mineralizer. N. V. Shklyunogon, Tsement 34 no. 1:1-7 Ja-F '68.
 Following this example of Buzai cement workers. L. N. Shukhov, F. Z. Zebitolekii, N. M. V'yun, Tsement 31 no. 1:14 Ja-F '68.
 Formation and properties of calcium aluminate hydrate $4CaO \cdot Al_2O_3 \cdot 10H_2O$. I. U. M. Butt, V. M. Kolbasov, G. V. Topil'skii, Izv. AN SSSR, Neorg. mat. 4 no. 4:566-572 Ap '68.
 Formulas for cement-sand mixtures used in piling. M. O. Dushchenko and others, Gidr. stroi. 36 no. 6:14-16 Ag '68.
 Fully mechanized handling of packaged cement shipments. S. E. Shilunskii, Tsement 32 no. 4:15-16 Ji-Ag '68.
 Goals of the cement industry in the year 1968. Tsement 31 no. 1:1-2 Ja-F '68.
 Granulometric composition of roasted material in "Leopold" furnaces. I. U. M. Butt, V. V. Timashev, I. M. Shulmonko, Trudy MKITTI no. 50:151-154 '68.
 Grinding slag Portland cement on the base of acid blast furnace slag. G. N. Kluukhina, Tsement 34 no. 1: 8-6 Ja-F '68.
 Growth rate of silicate crystals during the rapid heating of a Portland cement raw mixture. P. P. Dudnikov, Z. B. Litvin, N. G. Kozireva, Dokl. AN SSSR 180 no. 1: 189-171 No-Je '68.
 High capacity vibration stand with nonlinear oscillations. M. N. Louchev and others, Bet. i zhol. - bet. 13 no. 1: 8-11 Ja '67.
 Improvement of in-plant planning. V. A. Kambulov, Tsement. 33 no. 3:17-18 My-Je '67.
 Improving the clinker quality. A. P. Ritskhvili, N. M. Endrikson, T. A. Lebedeva, Tsement 32 no. 4:18-19 Ji-Ag '66.
 Improving vibrated concrete technology. I. A. Sulkovskii, Stal. i dor. mash. 13 no. 1:17-19 Ja '67.
 Increasing the durability of steam-cured reinforced concrete members used in hydraulic constructions. M. I. Kldgorovich, A. B. Kuchkov, I. L. Vologin, Gidr. stroi. 36 no. 6:12-17 My '68.
 Increasing the reliability of vibrator operations on forms at large-panel house building plants. N. A. Komisarukh, L. I. Ilabov, Stal. i dor. mash. 13 no. 1:22-24 Ja '68.
 Increasing the rotation speed of a kiln without auxiliary hydraulic pumps. K. A. Anasheva, Tsement 34 no. 1:14 Ja-F '68.
 Increasing the service life of reinforced concrete water-cooling towers. B. G. Skramlov, D. I. Trinker, Bet. i zhol. - bet. 13 no. 1:11-13 Ja '67.
 Intensifying the grinding process. I. B. Evzel'man and others, Tsement 34 no. 1:16-17 Ja-F '68.
 Joining of precast reinforced concrete pipes by the direct butt joining method. A. B. Il'vovskii, Vod. i spon. tekhn. no. 8:32-33 Jo '68.
 Kherkhalidze, I. L. [Lattice-type flow-through protective and regulating structures of sectional reinforced concrete for use in mountain rivers] Skvotnyo zashchitnykh i reguliruyushchikh sooruzheniy iz sbornogo zhelezobetona na gornykh rekakh. Pod red. G. N. Khmaladzo, Moskva, Gidrometeoizdat, 1967. 120 p.
 Kiln units for dry process cement production. Zdenek Zacepal, Tsement 32 no. 4:4-6 Ji-Ag '68.
 Laying of reinforced concrete pressure pipeline with rubber seal joints. S. L. Leshchenko, Vod. i spon. tekhn. no. 7:30-31 Ji '66.
 Main goal of cement workers. Tsement 32 no. 4:22 Ji-Ag '66.
 Making use of the plant potential. G. N. Nazarov, p. 2 of cover, Tsement 32 no. 4:23 Ji-Ag '68.
 Materials for the sanitary and hygienic characteristics of working conditions for the workers of the Senipalinsk Cement Plant. Report No. 1. G. A. Ryzhkov, G. M. Makulova, Trudy Sempal. mod. inst. 4:168-191 '68.
 Mechanism of water seepage through concrete. A. P. Kirillov, Gidr. stroi. 36 no. 6:20-31 My '68.

- rate of diffusion in capillaries in the general process of colophony extraction from wood by traidination. I. P. Sidorenko and others. *Izv. vys. ucheb. zav. i iss. zhur.* II no. 1124-130 '68.
- Resin and turpentine production. V. I. Piliolov, G. D. Alimovskiy. *Shor. trudy TSNIKH* no. 1116-1117 '67.
- Study of the additive properties of aqueous prehydrolyzates of larch. S. D. Antonovskii, A. F. Zaitseva, A. S. Abramova. *Nauch. trudy LTA* no. 105:96-107 '68.
- Study of the process of hydrogenization of tall oil to obtain special technical lubricants. N. V. Terent'eva, M. S. Pashchuk, F. A. Mednikov. *Nauch. trudy LTA* no. 103:82-83 '68.
- Study of the rapid pyrolysis of wood for the purpose of increasing, improving the content of phenols. V. N. Piliolov, A. K. Slavianskii. *Nauch. trudy LTA* no. 105:31-32 '68.
- Synthesis of some new azo dyes based on anthracene. I. K. Kozlovskaya, Sh. F. Piliolov, A. I. Kirika. *Nauch. trudy TSNIKH* no. 244:10-11 '67.
- Synthetic and modified products based on resin and turpentine. I. I. Danilovskiy. *Shor. trudy TSNIKH* no. 111:51 '67.
- Use of aqueous prehydrolyzates extracted from larch to obtain polyglycolic alcohols. L. A. Belozorova. *Nauch. trudy LTA* no. 105:88-95 '68.
- Use of the conductivity method in studying melting process of gelatin. S. V. Rudenko, S. M. Lova, V. Yankov. *zest. Ser. A* 10 no. 3:447-451 My '68.
- Use of the wastes from woodworking combines by means of low temperature distillation in a furnace powerplant. E. M. Tsatska. *Nauch. trudy LTA* no. 103:1-10 '68.
- Yield of levoglucosan during the gasification of spruce chips. T. I. Prokhorchuk, V. A. Lamin. *Nauch. trudy LTA* no. 105:21-26 '68.
- Yield of phenols from soluble resin obtained in the process of wood pyrolysis. Z. O. Matveyeva, A. K. Sharianskii. *Nauch. trudy LTA* no. 105:46-50 '68.
- 668(471, 315)—Evanovo Province**
- Indriyanka Wood Chemical Plant. A. D. Maklov. *Shor. trudy TSNIKH* no. 10:120-124 '67.
- 668(471, 341)—Gorkiy Province**
- Gorkiy organic synthesis factory. "Organolites" (former resin and turpentine factory). K. P. Mikheev. *Shor. trudy TSNIKH* no. 10:108-111 '67.
- "Vallin" Factory, the first of the resin and wood product extraction industry. N. K. Molodtsov. *Shor. trudy TSNIKH* no. 10:116-119 '67.
- Vilga Wood Chemical Combine. V. G. Acedora. *Shor. trudy TSNIKH* no. 10:134-139 '67.
- 668(471, 54)—Sverdlovsk Province**
- Nyazhnyaya Wood Chemical Combine, the first of the wood chemical industry of the Ural. A. A. Kiselev. *Shor. trudy TSNIKH* no. 10:112-116 '67.
- Verkhnyaya-Sinyachikha Wood Chemical Plant. P. G. Zaitseva. *Shor. trudy TSNIKH* no. 10:131-133 '67.
- 668(471, 10)—Altai Territory**
- Barnaul Resin and Turpentine Plant. V. A. Tarasov, N. V. Charkhin. *Shor. trudy TSNIKH* no. 10:120-116 '67.
- 669 Metallurgy**
- Analysis of the hardened layer of metal using the microchemical method. D. L. Iudin. *Trudy MIIT* no. 220:100-106 '66.
- Bardin, L. P. [Selected works] Izbrannye trudy. Moskva, T. 2. 1968. 287 p.
- Basic parameters of electrodes determining the degree of chemical macroheterogeneity of a deposited metal in alloying through coatings. A. A. Trokhin, G. N. Kotov. *Fiz. i khim. obr. mat.* no. 1:64-61 Jan '68.
- Brazhnikov, N. V., I. S. Rastoplin, and K. U. Fiskind. [Reducing power consumption in metallurgical plants] Sazhenie energeticheskikh zntat na metallurgicheskikh zavodakh. Moskva, "Metallurgiya," 1968. 135 p.
- Completion of the production of 11 m³ slag-car buckets. B. A. Akhmedov and others. *Za tsekh. prog.* 3 no. 5:24-25 My '63.
- Distribution of alloying elements in the laminar secondary layer during the pulling of semiconductor single crystals according to the Czochralski method. G. A. Trokhin. *Trudy MIIT* no. 254:11-17 '67.
- Experimental investigation of the velocity field of a melt during the pulling of single crystals. I. U. P. Konakov, G. A. Trokhin. *Trudy MIIT* no. 254:18-24 '67.
- Fatigue resistance of reconditioned GAZ-61 engine crankshafts. G. A. Galitsin. *Zap. LSXII* 109:174-80 '67.
- Gas chromatography method of determining germanium in coals. M. L. Sazonov and others. *Khim. i ver. topl.* no. 3:61-70 My-Jo '68.
- Growing nondissolvable single crystals. G. E. Vorobeychik, L. A. Zoruvinskii. *Trudy MIIT* no. 254:77-81 '67.
- Longitudinal impurity distribution in semiconductor single crystals being grown according to the Czochralski method. O. A. Rastvorov. *Trudy MIIT* no. 254:48-53 '67.
- Measuring the time of heating and the temperature of metal surface in continuous furnaces. I. N. El'ko and others. *Stal* 28 no. 3:277-278 My '68.
- Microanalysis for preparation of alkaline metals. T. E. Kofarev. *Za tsekh. prog.* 0 no. 5:7-9 My '66.
- Movement of liquid metal near the crystallization front. I. U. P. Konakov. *Trudy MIIT* no. 254:3-10 '67.
- [Optimization of metallurgical processes] Optimizatsiya metallurgicheskikh protsessov. Moskva, "Metallurgiya." Vyp. 1. [Materials of a conference on the results of scientific research in the field of metallurgy.] Materialy konferentsii po itogam nauchno-issledovatel'skikh rabot v oblasti metallurgii. Pod red. I. U. P. Solov'eva I. A. V. Kuzina. 1967. 208 p.
- Practice in determining long-range average demand for basic products. calculations for 1975 using ferrous metallurgy as an example. B. M. Mikhailovskii, I. U. P. Solov'ev. *Ekonom. mat. metod.* 4 no. 3:315-324 My-Jo '68.
- 669(471, 315)—Gorkiy Province**
- Sverdlovsk Chemical Combine. E. N. Molokan, I. K. Rudenko, A. G. Smirnov. *Shor. trudy TSNIKH* no. 10:125-128 '67.
- 669(471, 24)—Azerbaijan S. S. R.**
- Scientific and technical progress in the mining and metallurgical industries of Azerbaijan. E. N. Huseynov, Sh. N. Musayev, H. A. Abulajlov. *Za tsekh. prog.* 7 no. 11:19-20 E '67.
- 669(574)—Kazakh S. S. R.**
- Developing equitative metallurgy. I. V. Tarasik. *Fiz. i khim. obr. mat.* no. 3:122-121 '67.
- Some problems of increasing the efficiency of capital investments in ferrous metallurgy. M. Darstov, A. Khasanov. *Probl. suv. ekon. Kazakh.* no. 3:117-114 '67.
- High Temperature Lead and Zinc Kombinatsiya after V. I. Lenin. S. Tazhganov. *Stal*, 1 kach. II no. 12: 80 D '67.
- 669(617) Physical metallurgy**
- Aluminum solubility in single crystals of silicon. V. N. Lozovskii, A. I. Udanskaya. *Trudy NPI* 170:54-55 '67.
- Analysis of the heterogeneous diffusion of an impurity in the interaction process of solid and liquid metal phases. V. S. Novosadov, A. A. Kuzhda, M. K. Shoroborov. *Fiz. i khim. obr. mat.* no. 1:42-48 Jan '68.
- Anomalous change of the electrical resistance at the ordering of Mg₂Cu-type alloys. A. A. Tukhatellin, M. B. Mikheev, R. M. Tukhatellin. *Izv. vys. ucheb. zav. fiz.* II no. 5:50-53 '68.
- Changes in the electrical properties of silicon during impurity concentration reduction by the method of zone melting with a temperature gradient. E. A. Nikolaeva, V. N. Lozovskii. *Trudy NPI* 170:20-22 '67.
- Characteristics of the changes of the Hall constant due to the plastic deformation of alloys with low energy of the packing defect. V. E. Pannin and others. *Izv. vys. ucheb. zav. fiz.* II no. 4:13-18 '68.
- Concentration dependence of the short-range order in annealed copper-aluminum alloys. V. E. Kulakov, O. N. Salvin. *Izv. vys. ucheb. zav. fiz.* II no. 5:55-59 '68.
- Distribution of alloying elements in the zone of the laser radiation effect. A. N. Kokoro, I. P. Rikman. *Fiz. i khim. obr. mat.* no. 1:11-15 Jan '68.
- Oxide and acceptor reactions in a solid phase are the basis of the nature of friction, wear, and freezing of metals. A. A. Dyckko, G. L. Ryzhikova. *Trudy OXIIT* no. 55:36-31 '65.
- Dynamic characteristics of magnetically soft alloys. O. N. Aligamov, O. V. Ljubetskaya, N. A. Semenov. *Shor. trudy TSNIKH* no. 54:81-90 '68.
- Effect of addition elements on the thermal expansion of transition alloys with a thermal expansion anomaly. N. A. Solov'ev. *Shor. trudy TSNIKH* no. 54:77-84 '68.
- Effect of chemical composition and conditions of heat treatment on the magnetic properties of highly coercive cobalt-platinum alloys. I. U. A. Gratsianov, A. G. Rishchik. *Shor. trudy TSNIKH* no. 54:60-57 '68.
- Effect of donor impurities on gold solubility in silicon. V. N. Lozovskii, V. H. Gurslarov. *Trudy NPI* 170:23-26 '67.
- Effect of the characteristics of the electron structure of elements on their surface properties. G. V. Sazonov, A. D. Danileuk, G. K. Kozina. *Porosh. met.* 8 no. 5:30-46 My '68.
- Effect of the configuration of a temperature field on the character of the zone movement during zone melting with a temperature gradient. E. A. Nikolaeva, V. S. Novosadovskii. *Trudy NPI* 170:56-58 '67.
- Effect of the phase constitution on the technological plasticity of stainless steels. V. S. Borkovskii and others. *Fiz. i khim. obr. mat.* no. 1:83-90 Jan '68.
- Effect of the rate of fluctuation of the zone of melting on the orientation of single crystals produced in crucibles under electron-beam zone melting. V. O. Esin, E. P. Romanov, L. V. Smirnov. *Rost krist.* 7:241-245 '67.
- Electric and corrosion properties of alloys in the titanium corner of the system Ti - V - Mo. O. P. Elvina, G. P. Kalina. *Shor. trudy TSNIKH* no. 54:71-76 '68.
- Elastomagnetic effect and elastoresistance in iron-nickel alloys with addition elements. V. P. Popova. *Shor. trudy TSNIKH* no. 54:53-60 '68.
- Investigating properties of alloys in systems Mn - Pd, Mn - Ge and Mn - Co. M. P. Ravidol. O. I. Evdokimova. *Shor. trudy TSNIKH* no. 54:35-42 '68.
- Investigation of silicon diffusion in liquid silver. V. N. Lozovskii, N. F. Poltova. *Trudy NPI* 170:64-67 '67.
- Knives of reducing impurity concentrations in a semiconductor crystal by the zone melting method with a temperature gradient. V. N. Lozovskii, E. A. Nikolaeva. *Trudy NPI* 170:13-19 '67.
- Method of calculating the partial coefficient of chromium diffusion in porous ceramic-metal. I. D. Rulomyslovskii, V. B. Dolomovitch. *Porosh. met.* 8 no. 5:68-72 My '68.
- Micromerology of the mechanism of superplasticity. I. A. Moshynskaya, O. M. Smirnov. *Fiz. i khim. obr. mat.* no. 1:76-82 Jan '68.
- Rate of travel of the zone during zone melting with a temperature gradient. V. N. Lozovskii. *Trudy NPI* 170:51-52 '67.
- Reduction of copper oxide by aluminum at the sintering of the Al - CuO system. A. P. Savitskiy, I. S. Starosheva. *Izv. vys. ucheb. zav. fiz.* II no. 1:151-159 '68.
- Short-range order in the alloy Pd-Pt-40 at. %Pd. A. A. Katsenelson, I. I. Pilyava. *Vest. Mosk. un. Ser. 3: fiz. i matemat.* 23 no. 1:127-129 Jan '68.
- Silicon diffusion in liquid aluminum. N. F. Poltova, V. N. Lozovskii. *Trudy NPI* 170:68-70 '67.
- Spectral analysis method to investigate the distribution of cerium following its diffusion in steel. O. I. Nalitskaya, A. E. Goryavskaya. *Shor. trudy UNIM* no. 12:468-471 '67.
- Study of ordered structures of silicides Zr₂O and Zr₃O. L. M. Koshka and others. *Dokl. AN SSSR* 180 no. 2:360-363 My '68.
- Studying the diffusion of impurity atoms from a finite thickness layer into an unalloyed silicon crystal. A. I. Udanskaya, M. S. Shevchenko, S. Zh. Kolomoien. *Trudy NPI* 170:71-74 '67.
- Studying the mechanism of silicon crystallization from a melt by the zone melting method with a temperature gradient. V. N. Lozovskii, E. A. Nikolaeva. *Trudy NPI* 170:49-53 '67.
- Studying zone melting with a temperature gradient in the system silicon - aluminum. A. I. Udanskaya. *Trudy NPI* 170:31-39 '67.
- Transformations in the system lanthanum - vanadium - tungsten in the solid state. L. S. Gusev and others. *Vest. Lening. un. Ser. 2: Khim.* 23 no. 3:62-65 My-Jo '68.
- Use of the spin wave method in examining the transfer phenomena in ferromagnetic metals at high temperatures. V. M. Vorobeychik, F. G. Serova. *Izv. vys. ucheb. zav. fiz.* II no. 5:7-12 '68.
- Zone melting with a temperature gradient in the system silicon - silver. E. A. Nikolaeva. *Trudy NPI* 170:10-48 '67.
- 669(618) Ceramic metals**
- Antifriction properties of ceramic-metal piston rings. Ispyt. No. 1. I. M. Fedorenko, B. I. Chalka, E. T. Mamykin. *Porosh. met.* 8 no. 5:79-86 My '68.
- Casting properties of alloys. H. A. Bekhendel. *Lit. protiz.* 19:123-31 Jan '68.
- Comments for the fastening of mica-ceramic materials to titanium. M. E. Belitskii, F. U. Abzal'din, S. O. Trevalskii. *Porosh. met.* 8 no. 5:102-108 My '68.
- Developing the technology of producing nickel reinforced with filamentlike crystals of inulite. D. M. Karpinos and others. *Porosh. met.* 8 no. 5:17-22 My '68.
- Developing wear-resistant materials of titanium-steel cermet. I. U. I. Rogevol. *Porosh. met.* 8 no. 5:23-27 My '68.
- Effect of surface conditions on the strength of ceramic metal specimens. A. L. Lantini, M. A. Fedotov, V. V. Glogolov. *Porosh. met.* 8 no. 5:97-101 My '68.
- [Hard ceramic metal alloys and powder metals] Splavy tvoroye metallokeramicheskie i poroshki metallicheskoe. Izd. ofits. Moskva, Izd. Sstandartiz, 1967. 176 p. (Gos. standarty SSSR)
- Low temperature treatment of magnesium modified cast iron. K. V. Gorov, I. N. Belozerskii. *Vest. AN SSSR. Ser. fiz. i tekhn. nau.* no. 1:81-85 '68.
- Preparing and investigating certain properties of NbC-WC and TaC-WC alloys. V. S. Panov, G. A. Meerson. *Porosh. met.* 8 no. 5:46-53 My '68.
- New corrosion-resistant materials for hydrochloric acid solutions. V. V. Chekhovskii and others. *Khim. i met. mashinost.* no. 1:21-23 Jan '68.
- Normal elasticity modulus of nonporous titanium and zirconium nitrides. K. I. Porfirov and others. *Porosh. met.* 8 no. 5:87-90 My '68.
- Preparation of reinforced coatings. L. D. Svirskii, I. U. A. Pirogov. *Khim. i tekhn.* no. 9:132-135 '67.
- Reinforcement of heat-resistant coatings. I. L. Reva, Z. B. Shapira, V. V. Kocherov. *Lit. protiz.* no. 1:45-48 Jan '68.
- 669(618(477)—Ukrainian S. S. R.**
- Using substitutes for deficit materials in machinery manufacturing. N. F. Rybenok. *Org. i plan. obr. nar. khoz.* 4:85-90 '68.
- 669(648) Heating processes**
- Changes in the heat content of converter slags during their electrothermal processing. I. P. Pashnikov, V. I. Smirnov, V. I. Deev. *Tsvet. met.* 41 no. 2:35-38 E '68.
- Changes in the thickness of a plane zone during zone melting with a temperature gradient. A. I. Udanskaya, V. N. Lozovskii. *Trudy NPI* 170:26-30 '67.
- Devices for measuring the speed of heating and cooling of liquid steel. V. S. Koshko, A. A. Likhin. *Izv. vys. ucheb. zav. i prib.* II no. 1:100-111 '68.
- Effect of the bath structure on nonfluid losses. V. F. Goloveshko, I. A. F. Shabashov, L. N. Sergeev. *Tsvet. met.* 41 no. 2:88-87 E '68.
- Efficient molting during contact in vacuum of graphite with iron and the Fe-37B alloy. L. B. Kraposhina, V. V. Pashnikov, A. P. Semenov. *Fiz. i khim. obr. mat.* no. 1:107-112 Jan '68.

- Instability of linear zones during zone melting with a temperature gradient. V. P. Popov, V. N. Lefrinskiy. *Trudy NPI* 170-31-53 '67.
- New method of spectral analysis of metallurgical slags of various types for the form of liquid and solid media. G. I. Shukina, I. I. Gaidar, L. P. Kolesnikov. *Sov. fiz. khim.* no. 12-45-457 '67.
- Calculation of the period during the period of charging and melting in electric arc furnaces. G. M. Palko, A. G. Pashchenko, A. A. Dolobokhin. *Stal'* 28 no. 3-221-223 Mr '68.
- Studying zone melting with a temperature gradient in the system silicon-aluminum. A. I. Ulanovskiy. *Trudy NPI* 170-31-39 '67.
- Viscosity and the deaeration capacity of magnesia blast furnace slags. N. M. Arkharov, V. G. Mamchinskii, L. A. Pashchenko. *Stal'* 28 no. 3-202-208 Mr '68.
- Zone melting with a temperature gradient in the system silicon-silver. E. A. Nikolova. *Trudy NPI* 170-40-48 '67.
- 669.1 Ferrous metals. Iron. Steel**
- Automation in metallurgy. V. M. Artyukhin. *Prom. energ.* 27 no. 5-12-16 My '68.
- [Collection of articles on design and research costs in construction] *Sbornik tsen na proektirovaniye i issledovaniye raboty dlya stroitel'stva*. Moskva, "Metallurgiya."
- Ch. 3. [Costs for the preparation of working drawings] *Tseny na razrabotku rabochikh chertezhej*.
- Razd. 3. [Ferrous metallurgy]. Chernaya metallurgiya. Lit. 24/VII 1967. Vved. v kolektive 1-20 izd. 1968 g. 1968. 36 p.
- Device for measuring the speed of heating and cooling of liquid steel. V. S. Kochko, A. A. Kuvshinov. *Izv. vuz. učeb. zav. prib.* 11 no. 1-109-111 '68.
- Effect of fatigue damage on the brittle strength of low-carbon steel. R. E. Kochergova. *Prom. stali*. 48 no. 7-38-39 '67.
- Effect of plastic deformation on the intensity of the X-ray fluorescence of iron. G. M. Vorobiev, A. D. Likhachev. *Izv. vuz. učeb. zav. prib.* 11 no. 4-107-109 '68.
- Effect of repeated strain aging on the mechanical properties of iron. L. K. Gordinenko, I. I. Piramias, K. B. Toluts. *Fiz. i khim. obr. mat.* no. 1-65-70 Ja-F '68.
- Eutectic melting during contact in vacuum of graphite with iron and the Fe-37B alloy. L. I. Krasovskaya, V. V. Pozdnyakov, A. P. Semenov. *Fiz. i khim. obr. mat.* no. 1-107-112 Ja-F '68.
- Fractography of the propagation of clipping in commercial iron. I. S. Veselinskii. *Sbor. trud. UNIM* no. 12: 418-443 '67.
- Improving the technology of ferrous metal ore dressing. A. I. Akimov and others. *Onog. rud.* 12 no. 4-5-28-31 '67.
- Increasing the efficiency of dual collecting by turbulence washers, open for discussion. V. I. Slavina. *Stal'* 28 no. 3-283-284 Mr '68.
- Investigating mechanical properties of some steel types for glassware with isothermal hardening. I. E. Uman, M. M. Letzerova, A. P. Zakharova. *Trudy CHIMESKII* no. 24-231-238 '65.
- Investigating the metallurgical properties of Kremazhug deposit iron ores. I. S. Lyashko, O. S. Gerasimov. *Sbor. trud. UNIM* no. 12:37-40 '67.
- Mechanical properties and microstructure of the L53 glassware steel after isothermal treatment. A. I. Ogloblin, A. P. Zakharova. *Trudy CHIMESKII* no. 24-239-244 '65.
- Modernization of electric drive of continuously reducing pipe mills. O. Z. Panch and others. *Stal'* 28 no. 3-284-285 Mr '68.
- Present-day means for the automation of processes in ferrous metallurgy. I. A. Charikhov. *Pril. i sluz. opr.* no. 10-42-46 O '67.
- Relaxation processes in iron alloys with boron. S. A. Gotsman, M. A. Krut'ko, A. N. Svobodov. *Fiz. i khim. obr. mat.* no. 1-110-121 Ja-F '68.
- Repeated mechanical thermal treatment of iron at various aging temperatures and rates of deformation. L. K. Gordinenko, I. I. Piramias, K. B. Toluts. *Fiz. i khim. obr. mat.* no. 1-71-75 Ja-F '68.
- Strengthening heat treatment from rolling heat. F. L. Levin. *Stal'* 28 no. 3-252 Mr '68.
- Study of the properties of Mn-Cr-Mo-V in austenitic steel. V. N. Gultsev, I. N. Tsybina. *Teplotnergetika* 15 no. 5: 45-53 My '68.
- Technology of the production of nonaging tying wires. S. A. Morozov. *Stal'* 28 no. 3-282 Mr '68.
- Twenty-fifth anniversary of the Chelyabinsk Metallurgical Plant. *Stal'* 28 no. 3-193-195 Mr '68.
- Work experience of ferrous metallurgy plants under the new conditions. V. I. Suvorin. *Stal'* 28 no. 3-272-278 Mr '68.
- 669.1 (479.25)—Armenian S. S. R.**
- Overall treatment of iron ores of the Sparantaskoye deposit. A. Segraden. *Prin. Arm.* 10 no. 12-7-8 '67.
- 668.13 Cast iron**
- Analysis of wear resistance of cast iron in the ribbed pulleys of an R-652 excavator clutch. V. I. Ierlin, M. A. Chupakhina. *Trudy MNT* no. 220:13-19 '68.
- Calculating gating systems of small iron castings. K. V. Maslov, N. F. Shishov. *Lit. protz.* no. 1-8-9 Ja '68.
- Calculating the degree of ductility of magnesium cast iron. N. G. Pitman, U. S. Lerner. *Lit. protz.* no. 5-33 My '68.
- Calculation of gating systems with centrifugal disk traps for small iron castings. V. V. Chistakov. *Lit. protz.* no. 5-33 My '68.
- Cast iron for thin-walled castings. P. A. Tetikh, B. Z. Dumin, G. I. Neumayr. *Lit. protz.* no. 5-34-35 My '68.
- Centrifugal casting of 50 mm diameter pipes in rigidly cooled cast iron molds. V. G. Salian, L. A. Semenov. *Lit. protz.* no. 5-35-36 My '68.
- Correlation between manganese and sulfur in malleable cast iron. L. M. Baryshnikov, P. T. Shevchuk. *Lit. protz.* no. 5-35 My '68.
- Corrosion resistance of nickel-copper-chromium cast iron. I. N. Ukslov, V. S. Fedorov, M. A. Frolov. *Lit. protz.* no. 1-7-8 Ja '68.
- Determining the temperature field of a sand mold in centrifugal casting of cast iron pipes. V. G. Poliatuk, A. S. Srolovskiy. *Lit. protz.* no. 1-36-37 Ja '68.
- Effect of chemical composition and technology of casting on the structure, graphitization, annealing, and mechanical properties of cast iron modified by magnesium. K. V. Gorov, I. N. Belozerskiy. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 1-69-75 '68.
- Efficiency of calcium in complex inoculants of permagmatic cast iron. A. A. Shetko, E. G. Filip. *Lit. protz.* no. 5-19-20 My '68.
- Influence of crystallization pressure on preheating expansion. V. R. Balinskii. *Lit. protz.* no. 1-23 Ja '68.
- Influence of the interphase distribution of alloying elements on properties of cast iron. I. E. Lev and others. *Lit. protz.* no. 5-17-19 My '68.
- Influence of the shape and dimensions of a specimen on indices of mechanical properties of cast iron. P. S. Filatov. *Lit. protz.* no. 1-47-48 Ja '68.
- Kinetics of the crystallization of yttrium cast iron. I. U. V. Moiseev, G. A. Kuts, A. V. Chisnov. *Lit. protz.* no. 5-21-23 My '68.
- Kinetics of the removal of magnesium in isothermic soaking of cast iron. I. U. N. Levenchenko. *Lit. protz.* no. 1-40-41 Ja '68.
- Mechanism of the malleable cast iron wheels for narrow gauge freight cars. G. V. Robin and others. *Trudy SNT* no. 230-73-84 '68.
- Smelting the gray cast iron in foundry plants of the automobile and tractor industry. A. N. Kravtsov and others. *Lit. protz.* no. 5-1-3 My '68.
- Stability of the primary austenite of cast iron. M. E. Fedotkov, M. I. Pristomayev. *Lit. protz.* no. 6-23-25 My '68.
- Welding extruded plates from spheroidal cast iron. Z. I. Kopol'man-Serpishov, M. Z. Pogorelskaya. *Svar. protz.* no. 6-18-20 Je '68.
- Welding of iron castings. G. G. Lovchikov. *Stroitel'stvo mash.* 13 no. 4-28-30 Ap '68.
- 668.14 Steel**
- Brass-plating of steel bars for tube sheets. V. G. Ilyakov, I. M. Kravtsov. *Khim. i metallurgiya* no. 4-26-28 Ap '68.
- Conditions for obtaining a bright surface during the heat treatment of stainless steel. L. A. Kurlov, A. O. Petrenko. *Sbor. trud. TSNICHIM* no. 54:14-16 '68.
- Contact strength of the case-hardened 25Kh2N2TA steel. A. L. Gollor, L. G. Korobovskiy. *Metallurg. i term. obr. mat.* no. 6-64 Je '68.
- Control of nonmetallic inclusions in cast steel. I. U. A. Stal'ko and others. *Lit. protz.* no. 1-40-47 Ja '68.
- Creep of steel at high temperatures. S. Dzhanizhan. *Prin. Arm.* 10 no. 2-31-33 '68.
- Dependence of the magnetic properties of N32Kh10 and N32Kh12 steels on the heat treatment. B. P. Khromov, G. N. Demchenko, D. A. Buzinov. *Izv. vuz. učeb. zav. i fiz.* 11 no. 4-85-89 '66.
- Distribution of nonmetallic inclusions and residual aluminum in a 100-kg ingot of low-carbon electrical steel. V. I. Doroshov and others. *Sbor. trud. UNIM* no. 12:107-118 '67.
- Effect of a laser pulse with a modulated Q-factor on steel. L. N. Kaporskiy and others. *Fiz. i khim. obr. mat.* no. 1-3-10 Ja-F '68.
- Effect of nickel, copper, and aluminum on the boring of medium carbon steels. L. S. Likhovitch, L. R. Voronin. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 1-93-98 '65.
- Effect of residual austenite on the wear resistance of steel surfaces of a hardening convention. V. P. Lavrentyev. *Sbor. nauch. rab. INKII* no. 20:100-112 '61.
- Effect of zinc on the weldability of steel. V. A. Saychikov, I. S. Sotnik, V. S. Kovalevskiy. *Sbor. trud. UNIM* no. 12:404-410 '67.
- Effect on arene on the chemical and thermal treatment of high-quality structural carbon steel. T. F. Filippova. *Sbor. trud. UNIM* no. 12:422-429 '67.
- Electric slag welding of heat resistant austenitic steels alloyed with manganese and nitrogen. A. N. Safonnikov. *Svar. protz.* no. 6-16-18 Je '68.
- Electron microscope study of the structure of film phases in the FeNi7W alloy. M. F. Longhinov. *Metallurg. i term. obr. mat.* no. 6-48-69 Je '68.
- Equipment for the proportioning of steel. E. S. Sidaali, I. V. Frestaurer, G. I. Radtka. *Lit. protz.* no. 5-16-17 My '68.
- Form of a formula expressing the dependence of unit losses in electrical steel on the amplitude of magnetic induction and frequency of the current. I. D. Zaitman. *Elektricheskoye* no. 3-81-83 Mr '68.
- Foundry corrosion-resistant steels of higher strength. I. N. Ukslov and others. *Lit. protz.* no. 6-15-17 My '68.
- Full-scale corrosion testings of aluminum and steel welded joints. M. A. Langor and others. *Aviom. svar.* 21 no. 4-23-28 Ap '68.
- Graphitization of silicon steel. K. V. Gorov, L. A. Shovchuk, L. R. Dudetskaya. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 1-64-67 '68.
- Heat resistance and mechanical properties of H17Kh2N1 and H17Kh2N1S2 steels. A. A. Matavin. *Metallurg. i term. obr. mat.* no. 8-60-64 Ja '68.

- High-temperature thermomechanical treatment of 15Kh18Ni9Ti steel. I. A. Nikonov and others. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 1-70-73 '67.
- Improving the quality of steel for deep drawing by local applying of hydrogen with aluminum. A. A. Fata and others. *Stal'* 28 no. 3-223-225 Mr '68.
- Inclusion annealing of industrial steels. M. M. Pashchenko and others. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 23-26 '65.
- Influence of the final decarburization on the properties of steel. V. S. Matkov, B. A. Gerasimov. *Lit. protz.* no. 5-25-27 My '68.
- Investigating properties of heat-resistant 15Kh18Ni9Ti steel. A. S. Zakharenko, M. M. Timochuk, V. G. Gollor. *Metallurg. i term. obr. mat.* no. 1-73-75 Mr '68.
- Investigating the cyclical durability of 15Kh18Ni9Ti steel. H. E. Effer. *Trudy MNT* no. 220:144-147 '67.
- Mechanical properties of steel in magnetic casting. D. I. Ponomarev and others. *Lit. protz.* no. 1-17-20 Ja '68.
- Mechanical properties of steel sheets. M. M. Pashchenko, V. I. Vetrov, A. A. Kuznetsov. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 6-5-9 My '68.
- Mechanism of the δ -phase nucleation phase nucleation during the 1400-1200°C. V. F. Sakharov, V. V. Korovin. *Izv. vuz. učeb. zav. i fiz.* 11 no. 4-12-13 '68.
- Nature of light spots in fracture of tensile-test steel specimens. I. M. Iosadina, N. A. Vetrov, I. A. Kozlovskiy. *Sbor. trud. UNIM* no. 12:45-47 '67.
- Properties of malleability of austenitic and ferritic steels. N. F. Lyubchik, V. A. Savchenko, L. K. Toluts. *Sbor. trud. UNIM* no. 12:106-107 '67.
- Properties of cast and strain-hardened 15Kh18Ni9Ti steel. M. M. Pashchenko. *Lit. protz.* no. 11-12-12 My '68.
- Protective properties and structure of colorized layer of high carbon steels. N. O. Andropova, I. I. Pashchenko, A. A. Astasova. *Metallurg. i term. obr. mat.* no. 6-71-74 Je '68.
- Rapid method of determining phosphorus in cast iron. I. U. A. Stal'ko, I. N. Belozerskiy, I. U. A. Stal'ko, I. N. Belozerskiy, I. U. A. Stal'ko, I. N. Belozerskiy. *Lit. protz.* no. 1-40-41 Ja '68.
- Roostallization of steel having high-temperature thermomechanical properties. I. U. A. Stal'ko, I. N. Belozerskiy. *Lit. protz.* no. 1-40-41 Ja '68.
- Roostallization processes in 15Kh18Ni9Ti steel. I. U. A. Stal'ko, I. N. Belozerskiy, I. U. A. Stal'ko, I. N. Belozerskiy. *Lit. protz.* no. 1-40-41 Ja '68.
- Roostallization of carbon in 15Kh18Ni9Ti steel. I. U. A. Stal'ko, I. N. Belozerskiy, I. U. A. Stal'ko, I. N. Belozerskiy. *Lit. protz.* no. 1-40-41 Ja '68.
- Structure of tempered two-phase steel of the type 15Kh18Ni9Ti. I. U. A. Stal'ko, I. N. Belozerskiy, I. U. A. Stal'ko, I. N. Belozerskiy. *Lit. protz.* no. 1-40-41 Ja '68.
- Study on the cooling rate of a nickelized cast steel. S. V. Zaitman. *Vestn. AN BSSR. Ser. fiz.-tekhn. nau.* no. 1-60-61 '65.
- Temperature effect on the rate of etching reaction on the surface of low-carbon steel. T. V. Malysheva, A. A. Stal'ko, I. U. A. Stal'ko, I. N. Belozerskiy. *Aviom. svar.* 21 no. 4-23-28 Ap '68.
- Temperature range in the carbide phase formation. I. U. A. Stal'ko, I. N. Belozerskiy, I. U. A. Stal'ko, I. N. Belozerskiy. *Lit. protz.* no. 1-40-41 Ja '68.
- Use of a solid solution agent for producing a solution of chromium nickel austenitic steels and alloys. V. S. Nemchik, I. I. Ukslovskiy, A. A. Stal'ko, I. N. Belozerskiy. *Aviom. svar.* 21 no. 4-20-22 Ap '68.
- Using thermal film etching for the investigation of the structure and low-temperature properties. N. N. Popov, I. I. Ukslovskiy, I. I. Ukslovskiy. *Sbor. trud. UNIM* no. 12:143-148 '67.
- Ways of hardening steel products. V. T. Karpov, Z. I. Kopol'man, I. A. Makhovskiy. *Sbor. nauch. rab. INKII* no. 20:124-132 '61.
- 669.15 Alloys of iron. Alloy steels. Ferroalloys**
- Alloy of chromium-nickel austenitic ferritic steel alloyed with molybdenum, copper, and titanium. I. M. Zhuravskiy and others. *Metallurg. i term. obr. mat.* no. 6-74-76 Je '68.
- Alpha to gamma transformation in the N16Kh18Ni9Ti alloy. I. N. Bolshakov, V. I. N. Bolshakov, S. I. Tytyuk, Metallurg. i term. obr. mat. no. 20-32 Je '68.
- Connection between the dispersion of hardening phases and resistance of metal to creep and relaxation. I. A. Petrovskiy, S. A. Ilyukh, Metallurg. i term. obr. mat. no. 6-42-46 Je '68.
- Constitutional diagram of the weld metal in chromium-manganese steel joints. M. I. Iosadina, G. N. Kozlov, L. G. Toluts. *Aviom. svar.* 21 no. 4-1-5 Ap '68.
- Dynamic characteristics of magnetically soft alloys. O. N. Al'gazonov, O. V. Lyubetskaya, N. A. Semenov. *Sbor. trud. TSNICHIM* no. 54:101-107 '68.
- Effect of dilution elements on the thermal expansion of iron-nickel alloys with a thermal expansion anomaly. N. A. Solov'ev. *Sbor. trud. TSNICHIM* no. 54:77-80 '68.
- Effect of heat treatment on the magnetocrystalline texture of the 18U alloy. Z. N. Dulyctova, V. I. Samoilovskiy, S. I. Tytyuk. *Sbor. trud. TSNICHIM* no. 54:81-83 '68.
- Effect of transverse compression on the magnetic properties of magnetically soft alloys. I. O. Smirnov. *Sbor. trud. TSNICHIM* no. 54:19-25 '68.
- Feeding the 13L steel castings. B. I. Ulanin, T. F. Vashchinskii, P. I. Poshchikov. *Lit. protz.* no. 5-6-8 My '68.

- Calvanomagnetic effect and elastoresistance in iron-nickel alloys with addition elements. V. P. Popova. Sbor. tr. TSNICHM no. 54:55-60 '88.
- Heat treatment of the 00M8K9M5T martensitic aging steel. S. S. Myzak and others. Metalloved. i term. obr. met. no. 6:20-22 Je '88.
- High-strength martensitic aging steel with a low content of cobalt. V. M. Kardoski, M. D. Perkaa. Metalloved. i term. obr. met. no. 6:32-35 Je '88.
- High-strength martensitic aging steels. M. D. Perkaa. Metalloved. i term. obr. met. no. 6:2-14 Je '88.
- Increasing the resistance of the upsetting tool of Kh12M steel. A. N. Tarasov. Metalloved. i term. obr. met. no. 6:85 Je '88.
- Investigating the DINKTA alloy by the X-ray method. M. M. Borodkina, N. G. Chemova, I. V. Egle. Sbor. tr. TSNICHM no. 54:3-7 '88.
- Martensitic aging steel with a low content of cobalt. D. A. Litvinenko. Metalloved. i term. obr. met. no. 6:35-39 Je '88.
- Mechanical and corrosion properties of welded joints of steel and aluminum alloys with bimetallic inserts. P. I. Razdai, V. P. Silalov. Svar. protz. no. 6:27-31 Je '88.
- Methods for improving the reliability and durability of G1M steel parts. P. F. Parasiuk. Vest. mashinost. 49 no. 5:47-48 My '88.
- Modification of ferroalloy with rare-earth elements. A. K. Vechkov, A. I. Zorn, V. S. Lavchenkov. Lit. protz. no. 1:35-36 Ja '88.
- The N8K9M5T (M5200) high-strength martensitic aging steel. G. A. Boreanev and others. Metalloved. i term. obr. met. no. 6:15-16 Je '88.
- Properties of O5G2 low-alloy steel prepared by converting phosphorus cast iron. N. I. Sandler and others. Sbor. tr. UNIM no. 12:378-388 '87.
- Properties of O5G2B low-alloy niobium steel. N. I. Sandler and others. Sbor. tr. UNIM no. 12:369-378 '87.
- Refining ferroalloy by the oxygen-blown converter duplex process. S. P. Kornulitayn, L. Sh. Tsemekhan. TSvet. met. 41 no. 2:38-42 F '88.
- Reactive change in surface energy for faces (110) and (100) of single crystals of a (3%) iron-silicon alloy due to the annealing atmosphere. I. U. S. Avramov. Dokl. AN SSSR 180 no. 1:78-81 My '88.
- Segregation in cast high-chromium pig iron, and its heat treatment. S. N. Ivanov, I. E. Lev, K. N. Minialovskii. Lit. protz. no. 5:26-28 My '88.
- Shrinkage of the antimony-alloyed gray cast iron. I. M. Kovalov, H. A. Nuskov. Lit. protz. no. 5:38-39 My '88.
- Use of oxygen for smelting high-manganese steel by the remelting method. I. U. A. Shul'te and others. Lit. protz. no. 5:40-41 My '88.

669.16 Production of pig iron and iron of first melt

- Effect of the level of charging and the gas pressure in the blast furnace top on processes of reduction and slag formation. B. N. Starshinov, V. D. Sinitskii. Sbor. tr. UNIM no. 12:50-64 '87.
- Experimental blast furnace smelting on sorted coke. V. F. Krol' and others. Koks. i khim. no. 4:21-24 '88.
- Heat balance of hearth disintegration. A. G. Khoruzhii, V. P. Onopriyenko. Sbor. tr. UNIM no. 12:83-86 '87.
- Pollavits, V. V. and I. B. Strashnikov. Improving the quality of cast iron Polyvalent kachestva chuguna. Dnepropetrovsk, "Promin", 1987. 98 p.
- Silicon carbide in calcium silicon. O. S. Beltaev. Stal' 28 no. 3:230-240 Mr '88.
- Tendency to brittle failure of the N8K9M5T (M5200) martensitic aging steel and the high-strength steel of the martensitic class. G. A. Boreanev, V. P. Vylezhev, V. I. Sarraik. Metalloved. i term. obr. met. no. 6:22-26 Je '88.
- Using natural gas and oxygen in the production of foundry pig iron. B. N. Starshinov and others. Sbor. tr. UNIM no. 12:5-15 '87.

669.10(471.54)—Sverdlovsk Province

- Adoption of blast furnace smelting with the use of natural gas at the Nizhny Togli Metallurgical Combine. V. K. Korov and others. Stal' 28 no. 3:100-201 Mr '88.

669.18 Production of steel and wrought iron

- All-Union conference of refractory workers. K. K. Strolcov. Stal' 28 no. 3:225-228 Mr '88.
- Analyzing the effect of the chemical composition and heat treatment on the structure and mechanical properties of 35GL steel. V. I. Berlin, V. N. Shengalov, B. V. Zakharenko. Trudy NIIT no. 220:5-12 '86.
- Automatic control by the temperature and heat conditions of open-hearth furnaces operating with the use of oxygen. I. U. Tulavevskii and others. Stal' 28 no. 3:216-220 Mr '88.
- Automation of oxygen converter smelting with the use of computers. D. I. Turkentch and others. Stal' 28 no. 3:215-217 Mr '88.
- Conditions for increasing the plasticity and the toughness of acid electric steel. N. D. Maletnikov, V. A. Voronina. Sbor. tr. UNIM no. 12:310-316 '87.
- Determining the optimum composition of aluminum shot for the capping of rimmed steel ingots through the tumpel. G. M. Kovalev, I. A. Shnerov, B. I. Parich. Sbor. tr. UNIM no. 12:130-138 '87.
- Digital devices for controlling oxygen blast in a converter. K. I. Didenko and others. Mekh. i avtom. upr. no. 8:30-40 N-D '87.
- Effect of blowing the bath with a steam-oxygen mixture on the quality of rolls and furnace performance. A. G. Derfel and others. Sbor. tr. UNIM no. 12:88-93 '87.

Effect of electron beam melting on the strength, plasticity and resistance of high-strength structural steel. I. U. M. Efimenko and others. Fiz. i khim. obr. mat. no. 1:91-95 Ja-F '88.

Effect of harmful impurities on the mechanical properties of acid electric steel. N. D. Maletnikov, V. A. Voronina. Sbor. tr. UNIM no. 12:305-308 '87.

Effect of inoculation with rare earth elements on the structure and properties of cast carbon steel of hyper-eutectoid composition. V. A. Voronina, T. F. Filippova. Sbor. tr. UNIM no. 12:411-421 '87.

Effect of mechanical stresses on the stability of open-hearth furnace crowns. G. I. Tili'k, I. P. Baatay. Ogneupry 33 no. 5:26-31 '86.

Effect of secondary steel oxidation on its contamination by oxide inclusions. V. I. Dorokhov, G. A. Klemeshev. Sbor. tr. UNIM no. 12:96-100 '87.

Effect of thermomechanical treatment on chromium-silicon steel on its mechanical properties. V. N. Dantlov, F. A. Bafalov. Trudy NIIT no. 220:95-99 '86.

Experience in the production of capped steel in Soviet plants. B. I. Parich, G. M. Kovalev, I. A. Shnerov. Sbor. tr. UNIM no. 12:189-129 '87.

Heat exchange between ingot and ingot mold during horizontal continuous steel casting. O. A. Shatagin and others. Sbor. tr. UNIM no. 12:147-151 '87.

Hydraulic modelling of the filling of square, radial molds. V. I. Ispatikh and others. Sbor. tr. UNIM no. 12:154-160 '87.

Improving the quality of ingots in casting stainless steel with exothermic briquettes. I. D. Donets and others. Stal' 28 no. 3:235-237 Mr '88.

Improving the quality of steel for deep drawing by chemical capping of ingots with aluminum. A. A. Kazakov and others. Stal' 28 no. 3:223-225 Mr '88.

Improving the quality of 17G5 steel for large diameter pipes by the method of refining with synthetic slag in the ladle. E. S. Kalinikov and others. Stal' 28 no. 3:261-269 Mr '88.

Ingot behavior in the mold during horizontal continuous steel casting. O. A. Shatagin and others. Sbor. tr. UNIM no. 12:139-146 '87.

Installing the support frame for the charging equipment of a blast furnace. F. A. Solov'ev. Mont. i spets. rab. v stroit. 29 no. 8:18-19 Je '87.

New developments in research. B. A. Furlov and others. Stal' 28 no. 3:228 Mr '88.

Oxidation of the scrap during the period of charging and heating in open-hearth furnaces. G. M. Pohl, A. G. Panchenko, A. A. Dobrokhlov. Stal' 28 no. 3:221-223 Mr '88.

Possibilities of improving the technology of the blowing of open-hearth furnace balls. D. I. Markov and others. Stal' 28 no. 3:209-214 Mr '88.

Properties of rolls made of steel vacuum-treated in the ladle. T. M. Ravitskaya and others. Sbor. tr. UNIM no. 12:342-355 '87.

Refining electric steel with synthetic slag obtained from kaolin based on the electrically produced corundum. S. I. Klutits and others. Stal' 28 no. 3:233-234 Mr '88.

Refining steel of different assortments by means of lime-alumina slag with high content of silicon. S. G. Volnov and others. Stal' 28 no. 3:234-236 Mr '88.

Service in the crown of an open-hearth furnace of basic refractories with an addition of fused aluminum-magnesia spinel. G. I. Antonov and others. Ogneupry 33 no. 6:22-27 '86.

Smelting OOKh6M5M3 low carbon stainless steel in vacuum high-frequency induction furnaces. I. V. Klutits and others. Stal' 28 no. 3:229-231 Mr '88.

Smelting 38KhMUA steel in 100-ton electric furnaces. D. G. Zubkov and others. Stal' 28 no. 3:231-233 Mr '88.

Temperature field in a heat-insulating briquet. V. A. Efimov, V. G. Petrenko. Fiz. i khim. obr. mat. no. 1:100-105 Ja-F '88.

Vacuum treatment of ball-bearing steel combined with synthetic slag processing. I. I. Ansholes and others. Stal' 28 no. 3:227-228 Mr '88.

Weldability of low-carbon cast steel in a thermally strengthened state. A. Nukerova. Trudy NIIT no. 220:49-53 '86.

669.18(471.12)—Vologda Province

- Not for the sake of glory... I. I. Tereshkov. Okhr. i tuda i zate. strakh. 11 no. 6:12-13 Je '88.

669.18(471.55)—Chelyabinsk Province

- Admission of mazut by natural gas in burners of open-hearth furnaces at the Magnitogorsk Metallurgical Combine. A. D. Filotov and others. Stal' 28 no. 3:270-280 Mr '88.

669.10(477)—Ukrainian S. S. R.

- Reconditioning of equipment and the yield of capital. L. Iupko, V. Trishin. Ekon. Rad. Ukr. 10 no. 2:46-53 F '88.

669.18(477.6)—Donets Basin

- Establishing norms and the use of production stocks in metallurgical plants. T. I. A. Golezova, M. M. Plakida. Org. i plan. obr. nar. khoz. no. 4:128-134 '86.

669.2 Nonferrous metals

- Effect of the bath structure on nonfluid losses. V. F. Golovinski, I. A. F. Shabashov, L. N. Sergeev. TSvet. met. 41 no. 2:85-87 F '88.
- Efficient flowchart for the retreatment of soda-tellurium slags. T. N. Grover and others. TSvet. met. 41 no. 2:69-71 F '88.
- Measures for reducing the consumption of nonferrous metals. I. A. Ulin, G. I. Shandrenko. Za tekhn. prog. 8 no. 4:26-31 Ap '88.

New developments in automation in nonferrous metallurgy; present state and prospects. G. A. Zubkov. Prikl. i sist. upr. no. 10:46-52 O '87.

Price to a most important instrument for increasing the production quality and technical progress. G. D. Kuznetsov. TSvet. met. 41 no. 2:1-3 F '88.

Production of a three-layer strip nickel-copper-nickel. M. I. Khorov, I. I. Zav'talov. TSvet. met. 41 no. 2:75-77 F '88.

Readers are discussing the work of the Journal "TSvelno Metalloved." TSvet. met. 41 no. 2:88-92 F '88.

Selenium recovery from sintering dusts by electric leaching. E. V. Davydov, I. A. Koz'min. TSvet. met. 41 no. 2:71-73 F '88.

Supplying national economy with nonferrous metals. M. Bezhenov. Met.-tekh. snabz. 3 no. 4:41-43 Ap '88.

Technical and economic analysis and the justification of plans. M. Glushkov. Plan. khoz. 44 no. 6:20-27 Ag '88.

Theory of processes occurring in centrifugal reactors-separators. I. U. N. Svaldoshch, D. D. Ponomarev. TSvet. met. 41 no. 2:4-6 F '88.

Titanium processing equipment in nonferrous metallurgy. G. M. Ite'lon. TSvet. met. 41 no. 2:47-50 F '88.

669.2(480)—Finland

- Kokkola process and the possibility of its application in the U. S. R. K. I. Ushakov, Z. L. Berlin, V. A. Pogovkin. TSvet. met. 41 no. 2:43-48 F '88.

669.2(574)—Kazakh S. S. R.

- Efficiency of the comprehensive use of raw materials in nonferrous metallurgy. Sh. D. Urpekov. Prohl. savt. ekon. Kazakh. no. 3:107-110 '87.

669.22 Silver and silver alloys

- Studying the mechanism of silicon crystallization from a melt by the zone melting method with a temperature gradient. V. N. Lozovskii, E. A. Nikolaeva. Trudy NPI 170:49-53 '87.

669.23 Platinum and metals of the platinum group

- Alloy with an exceptionally high specific electric resistance and low temperature coefficient of resistance in a wide temperature range. M. P. Ilavol', O. I. Evdokimova. Sbor. tr. TSNICHM no. 54:28-34 '88.

669.24 Nickel and nickel alloys

- Aging of chromium-nickel austenitic ferritic steels alloyed with molybdenum, copper and titanium. I. U. O. Mezheny and others. Metalloved. i term. obr. met. no. 6:74-75 Ja '88.

Cathodic conditioning spring alloys. A. K. Borisova. Sbor. tr. TSNICHM no. 54:80-103 '88.

Electrolytic deposition of the palladium-nickel alloy. S. N. Vinogradov, N. T. Kudrinsk. Zashch. met. 4 no. 2:145-151 Mr-Ap '88.

Improving the technology of purifying a nickel electrolyte. D. A. Nikituk. TSvet. met. 41 no. 2:32-38 F '88.

Influence of the amount and size of particles of gamma prime phase on the stress-rupture strength of Ni-Cr-Al-Ti alloys. I. U. G. Sorokina, S. A. Iuganova. Metalloved. i term. obr. met. no. 6:45-48 Je '88.

Using the method of thermomagnetic treatment in a transverse magnetic field to produce alloys with constant permeability. Sh. I. Zisman. Sbor. tr. TSNICHM no. 54:43-51 '88.

669.25 Cobalt and cobalt alloys

- Effect of chemical composition and conditions of heat treatment on the magnetic properties of highly coercive cobalt-platinum alloys. I. U. A. Gratsianov, A. G. Rabin'kin. Sbor. tr. TSNICHM no. 54:60-67 '88.

Effect of the rate of cooling on the structure and properties of the permanent alloy. G. V. Pashchenko, I. I. E. Mal'nev. Sbor. tr. TSNICHM no. 54:65-68 '88.

Texture and magnetocrystalline of the permanent (50K) alloy. M. M. Borodkina, G. F. Chumova. Sbor. tr. TSNICHM no. 54:52-64 '88.

669.26 Chromium and chromium alloys

- Aging of chromium-nickel austenitic ferritic steels alloyed with molybdenum, copper and titanium. I. U. O. Mezheny and others. Metalloved. i term. obr. met. no. 6:74-75 Ja '88.

Corrosion resistance of chromium-manganese-nitrogen alloys in certain organic acids. F. N. Tavadze and others. Zashch. met. 4 no. 2:103-105 Mr-Ap '88.

Electrodeposition of chromium from complexes of violet and green modification. A. T. Vagranian, G. N. Tomashova, G. F. Savchenko. Zashch. met. 4 no. 2:130-144 Mr-Ap '88.

Increasing the resistance of the upsetting tool of Kh12M steel. A. N. Tarasov. Metalloved. i term. obr. met. no. 6:65 Je '88.

Influence of the amount and size of particles of gamma prime phase on the stress-rupture strength of Ni-Cr-Al-Ti alloys. I. U. G. Sorokina, S. A. Iuganova. Metalloved. i term. obr. met. no. 6:45-48 Je '88.

Magnetic susceptibility and electroconductivity of the highest chromium germanite. V. L. Zaglinskii, P. V. Gel'd, A. K. Shal'ta. Izv. vyz. ucheb. zav. fiz. 11 no. 6:48-49 '88.

Preparation of diffusion coating applicable to plastic deformation. I. U. K. Belov and others. Stal' 28 no. 3:243-244 Mr '88.

669.27 Tungsten and tungsten alloys
Certain properties of tungsten and tungsten-base alloys.
V. A. Boruk, Zh. I. Dzavazde, I. O. Frishva, Porosh.
met., 8 no. 5:54-58 My '69.
Investigating the nature of the strength of a tungsten-
nickel-iron alloy. Report No. 1. R. V. Mirakova and
others. Porosh. met., 8 no. 5:73-78 My '69.
Brittural diffusion of tungsten and tungsten. I. A.
Troshin, I. N. Kuznetsov, O. S. Litvinov. Metall. Engng.
10 no. 1:42-44 My '69.

669.28 Molybdenum and molybdenum alloys
Increasing the resistance of the uppering tool of Khl2M
steel. A. M. Tarasov. Metall. obr. term. obr. met.,
no. 6:65-66 My '69.
Heat-treating molybdenum from fluid systems. A. Birtogian.
Izvest. Akad. Nauk, 13 no. 2:11-12 '68.
Holding molybdenum in vacuum in an argon atmosphere.
I. L. L. Zolotarev and others. Spets. trud. UNIM no. 12:
11-17 '67.
Studying the internal friction of alloyed molybdenum.
I. L. L. Zolotarev and others. Spets. trud. obr. met., no. 1:
117-119 Jan '68.

669.29 Titanium and titanium alloys
Chlorination of titanium-magnesium slag. I. A. Ivashen-
tsev, L. P. Ponomareva. Zhur. prikl. khim., 41 no. 3:
631-632 Mr '68.
Effect of short-term heating of a deformed β -phase on
the cyclic strength of the VT15 alloy. G. I. Kairoua,
V. E. Terent'ev, Izv. khim. obr. met., no. 11:115-
116 '68.
Electric and corrosion properties of alloys in the titanium
corner of the system Ti-V-Mo. O. P. Elitkin, G. P.
Kobin. Spets. trud. TSNIIChM no. 34:7-16 '68.
Electrolyte titanium and vanadium coatings from molten
salts. I. U. Andreev, G. Kolobov, V. Lysov. Inform.
biul. VONKh no. 1:29-31 Ja '68.
Electrographic study of ground titanium alloy. S. T.
Prigorov. Trudy LII no. 63:85-88 '67.
Examination of the ground VT2-1 alloy. M. S. Belitskii,
S. T. Prigorov. Trudy LII no. 69:75-84 '67.

Influence of the amount and size of particles of gamma
phase on the stress-rupture strength of Ni-Cr-
Al-Ti alloys. I. U. G. Sorokina, S. A. Uganova. Metallo-
ved. i term. obr. met., no. 6:45-48 Jo '68.
Interaction between titanium tetrachloride metallic copper,
and oxygen. D. P. Babakov, L. A. Zueva. TSvet. met.,
41 no. 2:65-68 F '68.
Portable apparatus box for welding of titanium with
consumable and nonconsumable electrode. O. I. Stekov,
I. U. Khramogin. Svar. prozv. no. 8:43-44 Je '68.
Potentialities for increasing labor productivity in titanium
production. L. M. Gratevskii, I. A. Sh. Susnovskii.
TSvet. met., 41 no. 2:59-64 F '68.
Properties of titanium alloys during hot working. I. P.
Odinokova, B. S. Baakashvili, I. U. I. Odinkov. TSvet.
met., 41 no. 2:80-81 F '68.
Residual stresses formed in surface layers of NPMK
chromium steel during turning. P. I. Bobrik, Vest.
mashinost., 48 no. 5:64-68 My '68.
Retreatment of titanium alloys by the sodium-thermy
method through lower chlorides. A. I. Volynskii, S. V.
Alukandrovskii, V. P. Kiselev. TSvet. met., 41 no. 2:
66-68 F '68.

Studying the passivation of titanium in a 5 n. sulfuric
acid with and without the addition of oxidizing-type
inhibitors. A. P. Bryzga, V. P. Fedash, V. I. Solnikova.
Zashch. met., 4 no. 2:189-192 Mr Ap '68.
[Titanium metallurgy] Metallurgiya titana. Moskva,
"Metallurgizdat," 1968, 243 p.
Titanium processing equipment in nonferrous metallurgy.
G. M. Nelson. TSvet. met., 41 no. 2:47-50 F '68.
Weldability of a thermally stable titanium alloy. S. M.
Gurevich, V. E. Blazhukov. Avtom. svar., 21 no. 4:
8-9 Ap '66.
X-ray examination of ground VT2-1 alloy. M. S.
Belitskii, T. N. Smirnova, G. I. Tkach. Trudy LII
no. 69:71-76 '67.

669.292 Vanadium
Transformations in the system tantalum - vanadium -
tungsten in the solid state. L. S. Guzel and others.
Vest. Mosk. un. Ser. 2: Khim., 23 no. 3:62-65 My-
Jo '68.
669.293 Niobium
Internal oxidation of niobium-zirconium alloys. M. S.
Tsirlin. Zashch. met., 4 no. 2:266-207 Mr Ap '68.
Studying the superconduction properties of niobium-based
alloys. B. G. Lazarev and others. Zhur. eksp. i teor.
fiz. 54 no. 4:1031-1036 Ap '68.

669.296 Zirconium
Heat capacity of alloys of the uranium - zirconium sys-
tem. G. D. Fedorov, E. A. Smirnov. Atom. energ. 25
no. 1:54-58 Ji '68.
669.297 Copper and copper alloys
Autocatalytic reduction of copper by formaldehyde.
E. I. Saranov, K. K. Bulatov, S. G. Mokrushin. Zashch.
met., 4 no. 2:161-169 Mr Ap '68.
Brass-plating of steel bars for tube sheets. V. G. Dri-
akov, I. M. Kremetskii. Khim. i nef. mashinost.,
no. 4:26-28 Ap '68.

Chromatizing of copper. G. V. Zenskoy, L. B. Stepa-
nenko. Zashch. met., 4 no. 2:175-177 Mr Ap '68.
Concentration dependence of the short-range order in
annealed copper-aluminum alloys. E. V. Kulminev,
O. N. Shvirc, Izv. vys. ucheb. zav. fiz., 11 no. 3:95-
99 '68.

Copperizing from polyethylene-polyaniline electrolytes.
A. V. Blashchenko, A. A. Gerasimov. Zashch. met.,
4 no. 2:172-180 Mr Ap '68.
Effect of phosphorus on the copper recrystallization
temperature. D. G. Bolomo, O. S. Muehskii, V. F.
Shirin. TSvet. met., 41 no. 2:67 F '68.
Fully acid composition of some oil-rich sunflower and
sunflower varieties. N. I. Kuznetsov, N. I. Gritskina.
Vop. pri. 27 no. 1:72-78 Ja F '68.

Formation of a sulfide scale on copper. V. N. Kono-
v, N. A. Krushchova, M. A. Rillet. Zashch. met., 4 no. 2:
187-188 Mr Ap '68.
Inhibitors of zinc removal from brass. A. P. Korotkova,
I. K. Marashov, S. M. Melnik. Zashch. met., 4 no. 2:
211-213 Mr Ap '68.
Manufacturing technology of copper powder by direct
recovery. N. Sankian, V. Anzhan, M. Zurnachin.
Pion. Arm., 10 no. 12:14-17 '67.
Optical conditions for the process of producing copper
powder by the ammonia-sulfate flowchart. A. V.
Konoov, S. I. Sobol'. TSvet. met., 41 no. 2:29-32
F '68.

Relation between the peak temperature on the differential
scanning curve and the fast neutron integrated dose in
irradiated copper, copper-aluminum, and copper-
silicon alloys. I. A. Sankian, Kh. Mohammadi. Atom.
energ., 25 no. 4:30-35 Ja '68.

Research in the field of chemical methods of mineral
dressing. N. N. Maslennikov. Geol. raz. 12 no. 4:75-
83-87 '67.
Results of testing an experimental deep bath for copper
cementation. K. N. Golubov, P. A. Pashchikov. TSvet.
met., 41 no. 2:26-28 F '68.

Studying the process of cold translocation of copper con-
centrations. B. L. Kiliacv. TSvet. met., 41 no. 2:23-
26 F '68.
Technology of making casings of impellers for vacuum
pumps. A. A. Markov. Khim. i nef. mashinost., no. 1:
11-13 Ap '68.

Vibrated blow-out gas and lime concrete from waste
products of the Kacharhan Copper and Mollidom
Combino. Zh. silvestratian, M. Suroshin, I. Eglza-
rova. Prom. Arm., 10 no. 12:44-45 '67.

669.3(471.310)—Moscow City

The number of alloys. N. M. Mosseev. Stand. i kach. Ji
no. 1:12-14 D '67.

669.3(479.25)—Armenia S. S. R.

Enterprises of the copper industry and prospects for
their development. I. Kasparyan, E. Ovanishin,
K. Sevanian. Prom. Arm., 10 no. 12:36-37 '67.

669.5 Zinc and zinc alloys

Production of zinc foil by the ribbon method. S. I.
Chizhov, V. I. Lavin. TSvet. met., 41 no. 2:74-76
F '68.

669.6 Tin and tin alloys

Electrodeposition of tin from a tripropyl phosphite electro-
lyte. V. S. Galinkov, O. K. Kufra, G. A. Furukov.
Zashch. met., 4 no. 2:167-180 Mr Ap '68.
Electrolyte regeneration of tin and acid from a phenol-
sulfonic lining electrolyte. N. S. Golikov and others.
Zashch. met., 4 no. 2:221-223 Mr Ap '68.

669.71 Aluminum and aluminum alloys

Centrifugal casting of Al-4 alloy compressor wheels.
S. S. Gvozdev, E. A. Grigor'ev. I. E. prozv. no. 8:
32 Mr '68.
Complex loads affecting aluminum drill pipes. N. P.
Protopopov. Izv. vys. ucheb. zav. i nef. i gaz Ji
no. 4:29-32 '68.

Connection between the structure of the Al-Mn alloy
and the temperature of casting. R. H. Malinovskii.
TSvet. met., 41 no. 2:85 F '68.
Full-scale corrosion testing of aluminum and steel
welded joints. N. A. Langer and others. Avtom. svar.,
21 no. 4:23-28 Ap '68.

Influence of certain technological factors on the quality
of AMg5 alloy welded joints in the three-phase arc
welding. K. I. Nikonorov, I. V. Varovo, O. V. Meshkova.
Svar. prozv. no. 6:25-26 Je '69.

Influence of the amount and size of particles of a gamma
phase on the stress-rupture strength of Ni-Cr-
Al-Ti alloys. I. U. G. Sorokina, S. A. Uganova. Metallo-
ved. i term. obr. met., no. 6:46-48 Jo '68.

Mechanical and corrosion properties of welded joints of
steel and aluminum alloys with bimetallic inserts.
F. I. Razdeli, V. P. Shalov. Svar. prozv. no. 6:27-31
Je '68.

Properties of Al-Li alloys. Z. A. Sytkovskaya, V. I.
Kuzmina. TSvet. met., 41 no. 2:82-84 F '68.
Properties of aqueous sodium aluminate solutions. A. S.
Baginov. TSvet. met., 41 no. 2:56-59 F '68.

Role of the metal level in heat transfer and its effect
on the electrolysis of aluminum. M. A. Korobov, E. A.
Ianko. TSvet. met., 41 no. 2:51-53 F '68.
Roll stability in the hot rolling of aluminum and its
alloys. A. F. Kulkov, E. M. Kravchenko. TSvet. met.,
41 no. 2:77-78 F '68.

Smelting of a primary silicon-aluminum alloy using
electrolytically produced corundum and quartz.
S. I. Khitrik and others. TSvet. met., 41 no. 2:91-94
F '68.

Structural changes during the breakdown of a solid so-
lution in the Al-3% Cu-0.6% Sn alloy. M. I. Zolotarev,
V. V. Kozheshnikov, N. A. Mikhaylova. Vest. Mosk. un.
Ser. 2: Fiz. i khim., 23 no. 2:58-62 Mr Ap '68.

A unit for continuous heat treatment of alloys. V. A.
R. A. Sorokina and others. Metalloved. i term. obr. met.,
no. 6:58-60 Jo '68.
Using the electroresistance method in the heat treatment
of the high temperature strength of the heat-treated
heat-treating of Al-Cu alloy. K. V. Goryunov, R. I. G.
L. A. Vasil'eva. Vest. AN SSSR. Ser. Fiz. i khim. na-
u. 1:50-63 '68.

669.721 Magnesium

Effect of conditions of high-temperature heat treatment
and treatment of MgSO₄ on the properties of magnesium
alloys with additions of neodymium. M. E. Kuznetsov,
A. A. Orlovskii, Z. A. Sidorovskii. Khim. i nef. mashinost.,
no. 1:132-134 Ja F '68.

Effect of thermal treatment on the properties of a
magnesium alloy from magnesium alloys. I. A. Pashchikov,
V. T. Kuznetsov. Spets. trud. TSNIIChM no. 34:15-18
'68.
Effect of unscheduled impurities on the basic properties
of the Mg-Sn alloy. I. A. M. Sontsov, I. A. Pashchikov.
TSvet. met., 41 no. 2:78-79 F '68.

669.74 Manganese

Alloy with an exceptionally high specific electric resis-
tance and low temperature coefficient of resistance in a
wide temperature range. M. P. Rylov, I. I. Pashchikov,
A. A. Orlovskii, Z. A. Sidorovskii. Khim. i nef. mashinost.,
no. 1:132-134 Ja F '68.

Investigating properties of alloys in systems Mn-Cr,
Mn-Cu and Mn-Co. M. P. Rylov, I. I. Pashchikov, Z. A.
Sidorovskii. Spets. trud. TSNIIChM no. 34:15-18 '68.

669.82 Uranium

Heat capacity of alloys of the uranium - zirconium sys-
tem. G. D. Fedorov, E. A. Smirnov. Atom. energ. 25
no. 1:54-58 Ji '68.

669.85 Rare earth metals

Anisotropic exchange and the anisotropy of the magnetic
properties of rare earth metals. I. U. P. Likhachev, V. V.
Druzhinin, A. A. Kuzakov. Zhur. eksp. i teor. fiz. 51
no. 4:1183-1188 Ap '68.

Effect of terbium dilution by yttrium on the helical
structure of terbium-yttrium alloys. K. P. Fed and
others. Zhur. eksp. i teor. fiz. 51 no. 2:304-309
F '68.

Methods of preparing and testing specimens of rare
earth and other metals with special properties. A. S.
Chernik, V. A. Sankian, I. I. Pashchikov. Zashch.
met., 4 no. 2:167-180 Mr Ap '68.

Modification of ferroalloys with rare earth elements.
A. K. Volkov, A. I. Zolotarev, V. S. Loshakov. Svar.
prozv. no. 1:34-36 Ja '68.

Investigating compounds in systems of rare earth metals
and calcium and their crystal structure. P. I. Bobrik,
O. S. Zarevskii. Spets. trud. TSNIIChM no. 34:15-18
'68.

Solubility of cerium phosphate in HNO₃ and H₂SO₄.
I. I. Kuznetsov, S. T. Prigorov, M. A. Mikhaylova.
Spets. trud. TSNIIChM no. 34:15-18 '68.

Study of the reaction in the system FeCl₃ - NaCl - H₂O.
I. I. Kuznetsov, S. T. Prigorov. Spets. trud. TSNIIChM
no. 34:15-18 '68.

669.801 Calcium

Alloys combining with rare earth elements. N. A. Pashchikov,
V. A. Fedorova. Spets. trud. TSNIIChM no. 34:15-18
'68.

07/08 MANUFACTURES

All-Union public checkup on production development and
the improvement of working conditions in enterprises
of light industry in honor of the 100th anniversary
of V. I. Lenin's birthday. Kozh. i nef. mashinost. 13
no. 4:00-01 Ap '68.

Org. R. Z. [Organization of the trade of industrial goods]
Organizatsiya torgovykh promyshlennyykh tovarov. Moskva,
"Ekonomika," 1968, 280 p.
Models of the All Congress of the Scientific-Technical
Society of the Light Industry. Kozh. i nef. mashinost. 13
no. 3:1-6 Mr '68.

07/00(477)—Ukrainian S. S. R.

The production base of consumer goods is growing.
Interview with the minister. I. kon. Raz. i nef. 10 no. 1:
59-01 My '68.

07/08(574)—Kazakhstan S. S. R.

Notes of the development and formation of the basic
structure of group "II" industry. I. I. Vlasov. Prom.
sovr. ekon. Kazakh., no. 3:65-65 '67.

07 Industries and crafts based on processable materials

Contact of the designer with the industries. M. K. Kozlov.
Tekhn. obz. 5 no. 2:24-25 F '68.

Recommendations on acoustics in industrial plants and
areas. I. U. Laphin, A. Ustinov, B. Sankov. Tekhn. obz.
5 no. 2:10-21 F '68.

(479, 24) -- Azerbaijan S.S.R.
of Azerbaijan light industry. S. G. Hagimov.
Kozh.-obuv. prom. 9 no. 5:23-32 My '68.

(496) -- European Communist countries as a group

of articles of national consumption in the
participating in the Mutual Economic Assist-
ant. A. Strogova. Vop. ekon. no. 5:127-131

Materials

age wastes of chemical mining combines as
fuel for the cement industry. K. V. Rostovko.
M. Ukr. no. 1:61-62 Ja-F '68.

Steel goods

of weldless chain for heat exchange installa-
tion of kilns. I. L. Cherep. Tsement. 33
no. 1:5-16 '67.

Wood and woodworking industry

of raw materials, resins and chemicals for
the production of chip board. I. A. Olov, G. A. Parle-
v. Vys. ucheb. zav.; les. zhur. 11 no. 1:84-

s of mechanical dehydration of wood. A. I.

les. zhur. 11 no. 1:51-

on the of a new method of work. M. N.

Put' prikhoz. 12 no. 4:17-19 '68.

of work under new conditions. V. M.

V. I. Vichnevskii. Prom. stol. 10 no. 12-

'67.

on determination of the amount of torque on the

anion guide shafts of ironed frame machines.

et. I. I. Lur'ev, V. A. Kuvshinov. Izv. vys.

les. zhur. 11 no. 1:80-81 '68.

on the of sheeting of various thicknesses. A. A.

ich. Prom. stol. 10 no. 12:54-55 11 '67.

on the of methyl methacrylate to wood by the use of

on reduction of the system Fe²⁺ - H₂O₂.

ilov, N. I. A. Sotnikov. Izv. vys. ucheb. zav.;

11 no. 1:117-120 '68.

on the of circular saws used for longitudinal

wood. A. E. Grubov, V. I. Smey, V. K. Pasukov.

ich. zav.; les. zhur. 11 no. 1:79-83 '68.

on the of accurately. K. M. Balchinko. Mai. tekhn.

no. 5:91 My '68.

on the of age of sapwood cuttings in the center

of the European part of the U.S.S.R. V. M.

V. I. Stepin. Izv. vys. ucheb. zav.; les. zhur.

43 '68.

on the of the process of multistage piece selection of

on the of material in millifayer storage in the feed

of a M. Malykh. Izv. vys. ucheb. zav.; les. zhur.

8-10 '68.

on the of wood. Mollifikatsiya drevesiny. Riga,

1967. 228 p.

on the of the rabbit center to be selected on the SVPA

ans. V. I. Duboslavskii. Izv. vys. ucheb. zav.;

11 no. 1:98-104 '68.

on the of psychological loads on operators of crosscut

with the air of modeling schemes. A. A.

Izv. vys. ucheb. zav.; les. zhur. 11 no. 1:

34 '68.

on the of wastes from woodworking combines by means

of a pressure distillation in a furnace generator.

aska. Nauch. trudy LTA no. 105:4-10 '66.

on the of A. [Antiseptic treatment of power transmis-

sion poles] Antiseptirovaniye opor linii elektro-

transmissii. Moskva, "Energiya," 1966. 94 p. (B-k)

on the of Antiera. Vyp. 249.

74(571, 13) -- Omsk Province

on the of mechanical properties of Siberian spruce wood

Province. G. I. Zinkov. Izv. vys. ucheb. zav.;

11 no. 1:92-94 '68.

Industry

on the of conveyor-lines in the production and the

significance in the development of the leather

industry. D. A. Kozlov. Khoz.-obuv. prom.

10:20 Ap '68.

on the of the net cost of leather production. V. A.

Kozh.-obuv. prom. 9 no. 5:19-24 My '68.

on the of the degree of intraplant business accounting. E. I.

Kozh.-obuv. prom. 10 no. 3:10-15 Mr '68.

on the of the degree of moisture in the MKH-30 disper-

sion under the influence of various factors. R. T.

lan, K. A. Origoriam. Kozh.-obuv. prom. 9

no. 5:68.

on the of the degree of staining with the use of surface-active substances

and chromium liquor. M. L. Denharemdiker.

Kozh.-obuv. prom. 9 no. 5:27-28

on the of the degree of staining of leather footwear. E. A. Kedar. Sbor.

trud. INKIL no. 20:66-69 '61.

on the of the degree of evaluation of the electric conductivity

of materials. A. F. Miglachenko. Kozh.-obuv.

prom. 9 no. 4:34-38 Ap '68.

on the of the degree of analysis of indices determining the profit

of the fur industry. I. A. Klebanova. Kozh.-

obuv. prom. 10 no. 4:19-22 Ap '68.

Effect of chemical materials on the hydrophily of chrome

leathers. V. F. Fedorovskii, A. I. Mironov. Kozh.-obuv.

prom. 9 no. 5:23-32 My '68.

on the of Evaluating the wear resistance of leathers for shoe

lining. E. A. Kedar, E. I. Svorova, S. N. Zimr.

Sbor. trud. INKIL no. 20:142-147 '61.

on the of Impregnation with synthetic latex of fibrous foundations

of a varied moisture degree. I. F. Chukova and others.

Kozh.-obuv. prom. 10 no. 3:35-40 Mr '68.

on the of Improving used chromium salts by means of polymers.

E. M. Kharichuk, I. M. Levina. Kozh.-obuv. prom. 9

no. 5:53-59 My '68.

on the of Indices for the evaluation of the quality of leather. A. I.

Beloshilin. Kozh.-obuv. prom. 10 no. 3:26-30 Mr '68.

on the of Manufacture of defects in chrome leathers and their effect

on the quality of production. Report No. 2. M. I.

Kutovskii. Kozh.-obuv. prom. 9 no. 5:46-51 My '68.

on the of Method of determining the output of stiff leathers according

to the area they occupy. S. I. Sauster. Kozh.-obuv.

prom. 9 no. 5:24-26 My '68.

on the of A new standard for the undressed anilin polia. K. Khli-

dev. Zakup. sel'khoz. prod. no. 1:29-30 Ja '68.

on the of New standards for horse and cattle hair. I. I. Mikaelson.

V. K. Novodvinskaya, S. I. Loshenkova. Kozh.-obuv. prom.

10 no. 3:10-21 Ja '68.

on the of Production defects in chrome leathers and their effect

on the quality of production. Report No. 1. M. I.

Kutovskii. Kozh.-obuv. prom. 10 no. 3:48-53 Mr '68.

on the of Results of the all-Union socialist competition. Kozh.-

obuv. prom. 10 no. 3:61-62 Mr '68.

on the of Some problems of the creation of working capitals and

crediting of associations. A. I. Parshkova. Kozh.-

obuv. prom. 10 no. 4:29-33 Ap '68.

on the of Studying the production of artificial leather for the lining

of shoe parts. V. S. Georgieva, V. V. Abramova, A. N.

Kopyl. Kozh.-obuv. prom. 10 no. 4:38-39 Ap '68.

on the of Synthesis of protein-acetate grafted copolymers with

elevated fluidity temperature based on nonoxide proteins.

S. T. Trakhtenberg and others. Kozh.-obuv. prom.

10 no. 4:53-58 Ap '68.

on the of Use of bank credit for the acceleration of technological

progress. R. I. Koshnashnikova. Kozh.-obuv. prom.

10 no. 4:15-18 Ap '68.

on the of Use of blocked diisocyanates for improving the properties

of coatings for the finish of artificial leathers. G. A.

Sul'yra and others. Kozh.-obuv. prom. 10 no. 4:

42-44 Ap '68.

on the of Use of high-frequency units in the production of shoes

from artificial leathers. S. K. Larechuk. Kozh.-obuv.

prom. 10 no. 4:50-52 Ap '68.

on the of Use of waste waters from the production of 2,3-bis(hydro-

xyethyl) oxazepinone in the leather industry. N. F.

Stafonova, Z. F. Shul'man. Kozh.-obuv. prom. 9

no. 5:33-36 My '68.

67(471, 33) -- Kalining Province

on the of From the practice of the Olenoksk Leather Factory in

the use of leathers for shoe upper 6. I. I. Gurovskii.

Z. A. Lebedeva. Kozh.-obuv. prom. 9 no. 5:51-53

My '68.

67(474, 3) -- Lithuan S.S.R.

on the of Leather, shoe and leather accessories industry of the

Lithuan S.S.R. T. V. Eronoseva. Kozh.-obuv. prom.

10 no. 3:6-9 Mr '68.

117(470) -- White Russian S.S.R.

on the of Organizing the production of leather accessories goods in

the White Russian S.S.R. O. V. Egorchenko, A. Sh.

I. Shilte. Kozh.-obuv. prom. 10 no. 4:23-25 Ap '68.

67(479, 26) -- Armenian S.S.R.

on the of Latex I. NAC, a new chloroprene copolymer for leather

finishing. R. T. Shakhbazov, K. A. Origoriam, I. V.

Ter-Grigoriam. Kozh.-obuv. prom. 10 no. 3:30-32

Mr '68.

67(5) -- Africa

on the of Leather industry of African countries. G. A. Rozov.

Kozh.-obuv. prom. 10 no. 3:55-59 Mr '68.

676 Paper and pulp industries

A7-11 and A7-12 chipping machines. G. Z. Rozenfeld.

Bumagodel. mash. no. 15:36-40 '67.

on the of Analytical study of the feed process of material in disc

chipping machines. N. M. Val'shteyn. Bumagodel.

mash. no. 15:10-28 '67.

on the of B-40 papermaking machine for bag manufacture. G. I.

Tsirel'man. Bumagodel. mash. no. 15:45-50 '67.

on the of B-41 paper machine for the manufacture of wrapping and

packing paper. M. V. Winskii. Bumagodel. mash.

no. 15:60-63 '67.

on the of Calculating foam extinguishers of pressure boxes. A. V.

Kutuzov, A. A. Melnikov. Bumagodel. mash. no. 15:

61-74 '67.

on the of Calculating the plug-chasing section of the worm pressure

feeder in installations of continuous cooking of pulp and

semipulp. B. M. Astumovski. Bumagodel. mash.

no. 15:41-44 '67.

on the of Central Scientific Research and Design Institute of the

Wood Chemical Industry. A. M. Chashchin. Sbor. trud.

TSNIIKIL no. 18:4-18 '67.

on the of Changes in the oscillographic indices in sportsmen

under the effect of active and passive load-down

position. K. I. Galikman. Trudy Perm. gos. med. inst.

no. 6:175-184 '63.

on the of Chemical changes in woodpulp residues and liquor during

the process of broadleaf woodpulp. V. N. Shchitko-

leva, I. U. N. Nupeln. Bum. prom. no. 3:4-6 Mr '68.

on the of Choice of optimal methods for cleaning industrial sewers.

Bum. prom. no. 3:3 Mr '68.

on the of Construction and kinematic parameters of helical chipping

machines. K. I. Val'shteyn. Bumagodel. mash.

no. 15:27-35 '67.

Control of lifting, lowering, tightening and releasing

operations of press rolls. V. A. Lazareva, D. S. Shugol.

Bumagodel. mash. no. 15:178-183 '67.

on the of Creative research guarantees the success of Stalnoi

paper manufacturers. I. I. Lert, I. I. Makstomov.

Bum. prom. no. 3:15 Mr '69.

on the of Dyes for coloring newspaper. I. A. Lebedeva, S. P.

Krecheleva, T. P. Gornikova. Bum. prom. no. 3:3-10

Mr '68.

on the of Efficiency of production specialization in the field of the

papermaking industry. I. I. Kuznetsov, E. M. Mishin.

Bumagodel. mash. no. 15:14-18 '67.

on the of Experimental determination of basic parameters in

calendering condenser papers. I. K. Kalugin.

Bumagodel. mash. no. 15:91-110 '67.

on the of Experimental methods of determining dynamic character-

istics of systems of automatic speed control of paper-

making machine sections. B. M. Shabman. Bumago-

del. mash. no. 15:184-202 '67.

on the of Foaming of black liquor. N. F. Komashov and others.

Bum. prom. no. 3:11-12 Mr '68.

on the of Imported papermaking equipment. M. I. Melnikov. Bum.

prom. no. 3:15-17 Mr '68.

on the of Improved quality of wood chips. T. A. Grigor'eva. Bum.

prom. no. 3:25 Mr '68.

on the of Improving newspaper. A. I. Pereygin. Bum. prom.

no. 3:1-3 Mr '68.

on the of Improving the purification of the mass in the production

of condenser paper. V. I. Klimov, A. S. Ignatenko, N. I.

Vanitsa. Bum. prom. no. 3:21-22 Ja '68.

on the of Industrial branches need a single experimental center.

I. A. Pechko. Bum. prom. no. 3:27-28 Mr '68.

on the of Installation of a center-fastened press roll as a Lottom

roll. G. Z. Rozenfeld. Bumagodel. mash. no. 15:71-

78 '67.

on the of Investigating the dynamic and some of the static character-

istics of the high-speed drying cupolas as an object for

regulation. K. P. Alyozov, M. D. Loktyov, O. K. Shapo-

rov. Bumagodel. mash. no. 15:206-223 '67.

on the of Investigating the wear of cutters in the sections of paper-

making machines. A. M. Levinov, E. N. Vilenskii.

Bumagodel. mash. no. 15:228-238 '67.

on the of Kinematics of the synchronizing mechanism of a cutter.

G. N. Katsnel'son, V. A. Fisman. Bumagodel. mash.

no. 15:120-130 '67.

on the of Machine for testing paper tear. N. M. Anishevskii, V. I.

Mikhlin, A. K. Mar'chenko. Bum. prom. no. 3:14

Mr '68.

on the of Mathematical description of the dehydration process of the

pulp mass in the drying section of the papermaking

machine. B. A. Filimonov. Bumagodel. mash. no. 15:

162-177 '67.

on the of Microcorrelation of bag papers. S. A. Alexonov, I. I.

Prithivya. Bumagodel. mash. no. 15:144-160 '67.

on the of Motors needed for the electric drives of papermaking

machines. G. P. Paimel. Bum. prom. no. 3:17-18

Mr '68.

on the of New method of binding handi leader fittings. A. M.

Levinov, I. U. P. Filimonov. Bumagodel. mash. no

- Radical-chemical transformations of poly- ϵ -caprolactone and some aliphatic amides. I. S. Kabanov, N. I. Kabanova, V. A. Kabanova, V. A. Kabanova, V. A. Kabanova. *Vysokom. soed. Ser. A* 10 no. 3:562-574 '68.
- Radical copolymerization of oligoetheral glycidyl ether adipate with varied monomers. S. I. Onieva, V. S. Volentina, L. N. Chervonova, Khim. prom. (Kazh.) 3: 3-11 Ja-E (1.0. Mr.-Apr.) '68.
- Role of amorphous blocks in the crystal formation of polyester-oluthin block copolymer. L. F. Onieva, V. S. Volentina, Khim. AN SSSR 179 no. 3:624-625 '68.
- Solubility of graft copolymers of perchlorophenyl styrene obtained by the emulsion method. S. I. Onieva, T. A. Tashmukhametov, Kh. t. Umanov, N. S. T. I. V. Vysokom. soed. Ser. A 10 no. 6:1303-1307 '69.
- Some physical properties of polyvinyl chloride grafted films depending on the length of hydrocarbon radicals of plasticizers. L. I. Abramova, N. I. Onieva, Vysokom. soed. Ser. A 10 no. 6:1314-1318 '69.
- Some principles of the synthesis of polyoligoglycidyl copolymers. V. A. Kabanov, N. I. Kabanova, S. I. Splatyn. Vysokom. soed. Ser. A 10 no. 3:701-702 '68.
- Sorption study of the structure formation in a chemically solution of polypropylene. T. A. Bogachuk, A. V. Gerasimova, V. A. Kargin. Vysokom. soed. Ser. A 10 no. 6:1357-1361 '69.
- Special features of the infrared spectra of poly- ϵ -caprolactone dependent on their phase state and substituents. B. G. Zilinskiy and others. Vysokom. soed. Ser. A 10 no. 3:671-678 '68.
- Statistical analysis of the experimental polymerization diagrams. V. A. Grechanskikh, I. A. P. Vysokom. soed. Ser. A 10 no. 6:1440-1444 '69.
- Structural-chemical transformations in the process of heterogeneous graft copolymerization of styrene and isobutylene. M. S. Akutin, N. N. Antonov, Vysokom. soed. Ser. A 10 no. 3:661-668 '69.
- Structure formation of polyamides containing amino groups. M. N. Bogachuk and others. Vysokom. soed. Ser. A 10 no. 6:1251-1264 '69.
- Structure of polyarylates and their thermal stability. V. A. Kabanova, V. A. Kabanova, Vysokom. soed. Ser. A 10 no. 6:1322-1327 '69.
- Studies in the field of a synthesis and properties of a containing polymer complex of vinylpyrrolidone. B. Shostakovskiy and others. Vysokom. soed. Ser. A 10 no. 3:671-674 '68.
- Study of sedimentation and diffusion of macromolecules of graft copolymers in solution. A. N. Chernikov, T. Y. Galanova, S. I. Kabanov. Vysokom. soed. Ser. A 10 no. 6:1340-1350 '69.
- Study of swelling of graft copolymers in different solvents. U. M. Khayrov, R. S. T. I. V. Vysokom. soed. Ser. A 10 no. 6:1322-1327 '69.
- Study of the chlorination mechanism of oligoetheral elastomer. A. K. Postanovich, T. S. N. Vysokom. soed. Ser. A 10 no. 6:1334-1400 '69.
- Study of the dipole moments of methyl methacrylate-oligostyrene block copolymer. G. P. Sukharov, Vysokom. soed. Ser. A 10 no. 3:550-559 '68.
- Study of the effect of olefinic monomers on the properties of molecular chains of polyimide and polyacrylate. I. A. P. Vysokom. soed. Ser. A 10 no. 6:1281-1283 '69.
- Study of the effect of complexing on electrochemical properties of polyvinylpyrrolidone solution. B. I. Kargin, B. I. Vysokom. soed. Ser. A 10 no. 6:1349-1353 '69.
- Study of the effect of some lithium compounds on the oxidation stability of 1,4-cyclohexadiene. I. G. Angart, A. I. Andreeva, A. S. Kabanova, Vysokom. soed. Ser. A 10 no. 3:580-584 '68.
- Study of the kinetics and electron absorption spectra of the formation reaction in solution in the presence of stabilizers. I. A. P. Vysokom. soed. Ser. A 10 no. 3:602-702 '68.
- Study of the kinetics of preparation of graft copolymers of styrene and isobutylene. A. S. Kabanov, I. A. Kabanova, Vysokom. soed. Ser. A 10 no. 3:515-520 '68.
- Study of the mobility and steric effect of methyl methacrylate in copolymers of methyl methacrylate with methyl acrylate and styrene by the pulse method of nuclear magnetic resonance. G. P. Sukharov, V. A. Suvorov. Vysokom. soed. Ser. A 10 no. 3:517-518 '68.
- Study of the rubberlike state of a graft copolymer of polybutadiene. V. I. Potanov, S. I. Vysokom. soed. Ser. A 10 no. 3:612-616 '68.
- Study of the coloring of some polyarimides and structural chemical transformations original in their heating. A. V. Sidorovich, I. V. Kabanov, Vysokom. soed. Ser. A 10 no. 6:1401-1407 '69.
- Study of the viscoelastic properties and crystallization of copolymers of isobutyrofuran and 2-vinyl-2-methoxyacrylonitrile. A. I. Kabanov and others. Vysokom. soed. Ser. A 10 no. 3:542-546 '68.
- Studying the effect of the nature of polar groups of the polymer on mechanical and adhesive properties of coatings. I. A. Sufkharov and others. Laborator. i Kh. prim. 2: 2-27-30 '68.
- Studying the production of artificial leather for the shoes of shoe parts. V. S. Georgieva, V. V. Abramova, A. N. Kopyl. Kazh. - obuv. prom. 10 no. 4:38-39 '68.
- Studying the stability of some polymer coatings in equilibrium carbonic-bicarbonic electrolyte. V. T. Lozov, P. G. Mina, A. I. A. Kabanov. Laborator. i Kh. prim. 2: 2-10-20 '68.
- Synthetic and properties of ion exchangers based on α -amino acids and halomethylated copolymers obtained with divinylbenzene. S. V. Bogozhin and others. Vysokom. soed. Ser. A 10 no. 6:1277-1282 '69.
- Synthesis of protein-acrylic grafted copolymers was obtained fluidity temperature based on nondegradable S. T. Trakhtenberg and others. Kazh. - obuv. prom. 10 no. 4:63-66 '68.
- Thermal degradation of polymer films of methylmethacrylate. B. V. Tkachuk, V. M. Kolotylnik, G. G. Kargin. Vysokom. soed. Ser. A 10 no. 3:565-568 '68.
- Thermal degradation of some aromatic polyesters. V. A. Zhuravova, V. V. Rode. Vysokom. soed. Ser. A 10 no. 3:606-673 '68.

Thermal transformations of polyacrylonitrile in solution. N. A. Kubasova and others. *Vysokom. soed. Ser. A* 10 no. 8:132-1328 Je '68.

Trends in designing rotary table machines; according to foreign data. E. P. Koltman-Ivanov, N. N. Kreinin, K. M. I. neti, moshinov, no. 4:44-47 Ap '68.

Tsygankov, I. P. [Vulcanization equipment of fire plants] Vulkanizatsionnoe oborudovanie shlyungh zavodov. Moskva, "Mashinostroenie," 1967. 324 p.

Use of active, clear serosil-175 filler for rubbers of a noncellulose and porous structure. A. U. Levina, A. P. Nikiforova, I. A. Safat. *Kozh.-obuv. prom.* 10 no. 3:40-43 Mr '68.

Use of blocked diisocyanates for improving the properties of coatings for the finish of artificial leathers. G. A. Sviridov and others. *Kozh.-obuv. prom.* 16 no. 4:42-44 Ap '68.

Use of emulsions to eliminate adhesion during the preparation of rubber parts. L. V. Makarov and others. *Kozh.-obuv. prom.* 9 no. 5:58-59 My '68.

Use of rubber parts in oil field equipment. S. M. Mirzoeva. *Za tekhn. prog.* 3 no. 5:28-28 My '63.

Use of the conductivity method in studying molting processes of gelatin gels. S. V. Rudenko, S. M. Levi. *Vysokom. soed. Ser. A* 10 no. 3:647-651 Mr '68.

Velocity of sound and compressibility of copolymers of methyl methacrylate with methacrylic acid. L. I. Pavlov and others. *Vysokom. soed. Ser. A* 10 no. 6:1210-1216 Ja '68.

Zelozov, V. A., and S. M. Polotskii. [An industrial branch under new conditions] Otkrytiye v novykh usloviyakh. Moskva, "Ekonomika," 1968. 54 p. (Ob'edinenie, glav. otrasl' v novykh usloviyakh).

678(177)—Ukrainian S. S. R.

Using substitutes for deficit materials in machinery manufacturing. N. F. Hychenok. *Org. i plan. utr. nar. khoz.* no. 4:85-90 '66.

678.4 Rubbers and natural macromolecules

Adopting some economic and mathematical methods to determine the unused potential of increase in the volume of rubber technical products. O. V. Itonanova. *Trudy ILEI* no. 61:46-51 '67.

Algorithm of direct calculation of the production capacity of a rubber footwear plant. G. F. Kuznetsova. *Trudy ILEI* no. 61:58-64 '67.

Experience in applying the simplex method and electronic computers for calculation of the production capacity of rubber mixing equipment. G. P. Kuznetsova. *Trudy ILEI* no. 61:65-70 '67.

Reaction grafting of vinyl chloride to SKN-40. Kh. U. Usmanov, A. A. Ilichshvili, M. K. Asanov. *Nauch. trudy TbilGU* no. 284:123-126 '67.

678, 4(477)—Ukrainian S. S. R.

Economic work in an enterprise. B. M. Mityayev. *Kon. Rad. Ukr.* 10 no. 2:11-14 F '68.

678.5 Plastics

Blended cotton fabrics with viscose staple fibers. N. A. Arkhangelskii, M. S. Palladova. *Sbor. nauch. rab. INKIL* no. 20:10-10 '61.

Decorative effects obtained with plastics. F. Sergeeva. *Tekhn. ont.* 5 no. 3:25 F '68.

Enikolopov, N. S., and S. A. Vol'fon. [Chemistry and technology of polyformaldehyde] Khimika i tekhnologiya poliformal'degida. Moskva, "Khimiya," 1968. 270 p.

Experimental unit for testing sliding bearings made from plastic materials. S. M. Mutsafov, A. D. Agasov. *Za tekhn. prog.* 6 no. 8:36-44 Jo '68.

Fast method for the determination of the migration stability of plasticates. E. S. Khoshnash and others. *Khoz.-obuv. prom.* 10 no. 4:48-49 Ap '68.

Machine for manufacturing large diameter spirally-wound polyethylene pipes. D. V. Derzhimol. *Gidrot. i mel.* 20 no. 5:57-60 My '68.

Method for calculating two-ply metal-glass plastic plates. I. M. Kershtain. *Khim. i nef. mashinost.* no. 4:7-9 Ap '68.

Method of crack fixation in plastic specimens. R. M. Geishkovich. *Zav. lab.* 34 no. 3:226-228 '68.

New materials for instruments. D. D. Churba. *Pril. i sluzh. upr.* no. 2:37-39 F '68.

A peculiarity of welding polycarbonate films. M. O. Boinin, A. V. Gerasimov. *Avtom. svar.* 21 no. 4:58-59 Ap '68.

Plastic boats "Malysh." I. E. Gushchin. *Sudostroenie* 58 no. 3:80 Mr '68.

Pleasure and travel boats made of glass-reinforced plastic with a new hull shape. A. M. Vnganov. *Sudostroenie* 58 no. 3:66-68 Mr '68.

Possibility of using a polyethylene rotor in pumping seawater. S. A. Abdurashidov, M. A. Karaev, N. N. Gudlin. *Za tekhn. prog.* 6 no. 8:38-37 Jo '66.

Resonance method of determining the dynamic characteristics of polymer coatings. I. U. Zelenev, I. P. Borodun. *Zav. lab.* 34 no. 2:224-226 '68.

Selecting materials for pattern rigging. I. P. Komarov, B. B. Gulliev. *Lit. proizv.* no. 6:7-9 My '68.

Some problems of methodology in determining economic efficiency and the application of plastics in oil machinery construction. G. G. Guseinova. *Za tekhn. prog.* 6 no. 6:45-47 Je '66.

Stability of polyethylene films on steel. I. U. E. Lobanov, A. L. Shirenzon, L. V. P'iankova. *Zashch. met.* 4 no. 2:206-210 Mr Ap '68.

Studies in the synthesis of resins and plastics based on halogen derivatives of aromatic compounds. Resins based on chlorosubstituted xylenes. T. A. Rakova. *Khim. tekhn.* no. 0:10-10 '67.

Studying the buckling of plastic, sandwich construction, shields. V. I. Tomchani. *Sudostroenie* 58 no. 3:59-60 Mr '68.

Teeling of plasticized plasticizers with ethers. I. 25 and 30. B. K. Zelnalov and others. *Kozh.-obuv. prom.* 10 no. 3:43-48 Mr '68.

Utilization of wastes of thermosetting plastics. M. M. Revnako, I. U. A. Bepalov. *Prom. Bel.* 10 no. 12:38-39 D '67.

678, 6(477)—Ukrainian S. S. R.

Economic efficiency of using plastics in machinery manufacturing. T. N. Dubynenko. *Org. i plan. utr. nar. khoz.* no. 4:16-33 '65.

Increase the production of synthetic resins and plastics to satisfy the demand. V. Kalochev, V. Bogolubov. *Kon. Rad. Ukr.* 10 no. 2:15-19 F '68.

678, 5(479, 25)—Armenian S. S. R.

Armenian Plastic Plant. *Prom. Arm.* 10 no. 2:4-5 '68.

678.6 Synthetic polycondensates resins, fibers, etc.

Calculation of the viscosity of oil-glycerine emulsions during the manufacture of glyptal resins. E. B. Manusev and others. *Lakokras. nat. i kh. prim.* no. 2:84-85 '68.

Effect of thermal processing on the supermolecular structure and properties of polyformaldehyde. V. P. Cordienko, V. P. Solonika, V. G. Neshporenko. *Khim. prom. Ukr.* no. 1:10-11 Ja F '68.

Formation of paramagnetic products in thermal and photodegradation of polyethylene and their effect on the development of degradation processes. V. K. Belakov and others. *Vysokom. soed. Ser. A* 10 no. 3:599-611 Mr '68.

Grafting polymethyl methacrylate to wood by the use of the oxidation-reduction of the system $Fe^{2+} - H_2O_2$. G. S. Mikhailov, K. A. Sotchenko. *Izv. vuz. ucheb. zav. i les. zhur.* 11 no. 1:17-120 '68.

Improvement of etching methods in gas discharge for electron microscopic study of the structure of polyamides. L. I. Berzak, G. A. Gorokhovskii, I. U. S. Lipatov. *Vysokom. soed. Ser. A* 10 no. 6:1433-1437 Jo '68.

Mechanism of polymer interaction with a filler in acid-resistant mastics. G. I. Kuzmina, V. N. Korneev. *Lakokras. nat. i kh. prim.* no. 2:25-26 '68.

Moise, A. I., and A. A. Kharii. [The strongest fibers] Samye prochnye volokna. Leningrad, 1967. 42 p.

Modification of chloroprene rubber with epoxy resins. I. P. Chernykh, G. A. Blyuk, N. A. Shpakunova. *Khim. tekhn.* no. 9:29-30 '67.

Polyoxalulfides, a new type of heterochain polymers. V. V. Korshak and others. *Vysokom. soed. Ser. A* 10 no. 6:1390-1393 Jo '68.

Preparation of mixed polyamides. M. A. Iskenderov, Z. A. Sadykhov, T. A. Burugimova. *Uch. zap. AGU. Ser. khim. nauk* no. 4:66-68 '66.

Protection of radioengineering products by triac-resistant powdered coatings. E. I. Fridman. *Lakokras. nat. i kh. prim.* no. 2:20-23 '68.

Radiation-chemical transformations of poly-2-cyanoamide and some aliphatic amides. A. S. Fomenko and others. *Vysokom. soed. Ser. A* 10 no. 3:607-614 Mr '68.

Radiation stability of isomeric aromatic polyamides. A. S. Fomenko and others. *Khim. prom. Ukr.* no. 1:31-34 Ja F '68.

Redox polymers with the improved kinetic properties. N. M. Kruglikova, A. B. Pashkov. *Zhur. prikl. khim.* 41 no. 3:661-666 Mr '68.

Some physico-mechanical properties of capron yarn modified by gret. L. N. Dubrova, L. L. Cherviatova, T. D. Butmerchuk. *Khim. prom. Ukr.* no. 1:7-20 Ja F '66.

Special features of anionic polymerization of 2-cyanoacrylate in organic solvents. Mukhammad Abdelmonem El Azmiri, V. V. Korshak, V. A. Sergeev. *Vysokom. soed. Ser. A* 10 no. 3:640-648 Mr '68.

Structure formation of polyamides containing aromatic amino groups. M. N. Bogdanov and others. *Vysokom. soed. Ser. A* 10 no. 6:1251-1256 Jo '68.

Structure of polyarylates and their thermal stability. V. V. Roda, I. V. Zhorsheva. *Vysokom. soed. Ser. A* 10 no. 8:1362-1371 Je '68.

Studies of alcohol resins; alcoholysis stage. N. M. Dubrova, N. V. Turenkova. *Lakokras. nat. i kh. prim.* no. 2:85-88 '68.

Study of the effect of the nature of solvent on low temperature polycondensation. V. V. Korshak, S. V. Vinogradova, V. A. Vaganov. *Vysokom. soed. Ser. A* 10 no. 6:1129-1135 Ja '68.

Study of the kinetics and electron absorption spectra of the formation reaction of urethane in the presence of carbonyl compounds. I. A. Protnia and others. *Vysokom. soed. Ser. A* 10 no. 3:692-702 Mr '68.

Study of the softening of some polyimides and structural chemical transformations originating during their heating. A. V. Sidorovich, K. V. Kuvshinski. *Vysokom. soed. Ser. A* 10 no. 6:1401-1407 Jo '68.

Studying the properties of some sulfonate ion exchangers based on linear polymers. A. A. Vasil'ev, T. S. Tsygankova, V. S. Mairosova. *Zhur. prikl. khim.* 41 no. 3:609-612 Mr '68.

Studying the stability of some polymer coatings in an equilibrium carbonate-bicarbonate electrolyte. V. P. Iosev, E. G. Il'ina, A. I. Iremenko. *Lakokras. nat. i kh. prim.* no. 2:18-20 '68.

Synthetic butylphenol formaldehyde resin in non-aqueous medium. M. I. Arkhipov, T. M. Kalaushnikova. *Lakokras. nat. i kh. prim.* no. 2:1-4 '68.

Thermal degradation of some aromatic polyesters. I. V. Zhuravleva, V. V. Roda. *Vysokom. soed. Ser. A* 10 no. 3:669-673 Mr '68.

678, 6(477)—Ukrainian S. S. R.

Increase the production of synthetic resins and plastics to satisfy the demand. V. Kalochev, V. Bogolubov. *Kon. Rad. Ukr.* 10 no. 2:15-19 F '68.

678.7 Synthetic polymerization rubbers, resins, etc.

Absorption of plasticizer by polyvinyl chloride studied by the electroconductivity method. V. V. Guzev, M. M. Khokhlova. *Vysokom. soed. Ser. A* 10 no. 6:1438-1439 Je '68.

Absorption of polysiloxane by macroporous silica gels. E. K. Bogacheva and others. *Vysokom. soed. Ser. A* 10 no. 3:574-579 Mr '68.

Application of nerylate latex for transparent wood finishing on ships. I. U. K. Molosov, M. V. Dobynskii. *Lakokras. nat. i kh. prim.* no. 2:40-42 '68.

Calculation of the intensifying action of pigments and fillers in latex films. V. V. Verkhovskiy, Lakokras. nat. i kh. prim. no. 3:16-18 '68.

Comparison of the processes of radiation-chemical and photochemical cross-linking of polyethylene. A. A. Kachan and others. *Vysokom. soed. Ser. A* 10 no. 3:471-478 Mr '68.

Continuous acetalation of polyvinyl alcohol filers. A. Akopian, M. Bolashchuk, V. Dadoian. *Prom. Arm.* 10 no. 12:9-11 '67.

Cyclization of polyisoprenes and model compounds. Determination of structural parameters of cyclization products. I. A. Tutorskii and others. *Vysokom. soed. Ser. A* 10 no. 3:592-598 Mr '68.

Effect of the porosity of latex films on their mechanical properties. T. V. Lupicheva, A. P. Plamenko, V. I. Alekseenko. *Kozh.-obuv. prom.* 9 no. 5:16-10 My '68.

Effect of the relation between phases and the degree of emulsifier on emulsion polymerization of styrene. V. V. Dudukin and others. *Vysokom. soed. Ser. A* 10 no. 3:459-462 Mr '68.

Electric strength of styrene polymerhomologs at the breakdown by standard pulses. S. N. Kulakov, G. I. Neftman. *Izv. vuz. ucheb. zav. i les. zhur.* 11 no. 5:156 '68.

Electron-microscopic studies of the structure of polyacrylamide. I. U. P. Kovrizhnykh, G. R. Borkharov. *Vysokom. soed. Ser. A* 10 no. 3:467-470 Mr '68.

Energy differences between conformations of polyvinyl chloride chain. I. U. V. Glazkovskii, I. U. G. Lapinov. *Vysokom. soed. Ser. A* 10 no. 3:462-601 Mr '68.

Hydrogenation of phenylacetylene on palladium in the presence of pyridine and mercury. D. V. Sokol'skii, K. Z. Bolashov. *Izv. AN Kazakh. SSR. Ser. khim.* 18 no. 2:79-81 Mr Ap '68.

Interaction of diphenyl-p-phenylenediamine and 2,6-di-tert-butylhydroquinone in inhibited oxidation of polybutadiene. K. B. Pavlovskii, I. U. A. L'vov, A. I. Ivanov. *Dokl. AN SSSR* 180 no. 2:371-373 My '68.

Interaction of the organotin derivatives of polyvinyl chloride with hydrogen chloride. K. S. Mynakov and others. *Vysokom. soed. Ser. A* 10 no. 6:1336-1342 Jo '68.

Kinetics of heterogeneous acylation of the copolymer structures of polyvinylformal. G. M. Sintitsyna, I. N. Vladavets. *Vysokom. soed. Ser. A* 10 no. 6:1240-1250 Jo '68.

Kinetics of radical polymerization of 2-methyl-5-vinylpyridine and its salts. V. G. Karkozov and others. *Vysokom. soed. Ser. A* 10 no. 6:1343-1347 Jo '68.

Kinetics of the reaction of synthetic isoprene rubber with hydrogen chloride in solution. I. U. G. Gorbachov, O. N. Dolitskaia, V. I. Gul'. *Vysokom. soed. Ser. A* 10 no. 6:1256-1263 Jo '68.

Luminescence spectra of some polymers of the acetylene series. V. F. Gachkovskii and others. *Vysokom. soed. Ser. A* 10 no. 3:528-541 Mr '68.

Manufacturing process of blumen-niacle and polymers-isoleucene-cement coverings of underground city pipelines. M. I. Garbar and others. *Nauch. trudy AKKh* no. 12:127-131 '66.

Modification of polyvinyl chloride with synthetic rubber SNK-46. Kh. U. Usmanov and others. *Nauch. trudy TbilGU* no. 264:107-111 '67.

Nature of supermolecular formations in crystalline polyvinyl chloride. D. N. Bort, V. I. Zegelman, V. A. Kargin. *Vysokom. soed. Ser. A* 10 no. 6:1292-1295 Jo '68.

Plastic sewer conduits with rubber seal joints. S. D. Dubrovkin, Sh. L. Gofelman. *Vod. i san. tekhn.* no. 7:8-9 Ji '68.

Plasticizing of polyvinyl chloride by the plasticizers of different chemical nature. Report 4: Determination of the maximum compatibility of polymers with plasticizers and its dependence on small changes of the structure of plasticizers. I. P. Daria, M. N. Rudinskii, N. K. Moschinskii. *Khim. tekhn.* no. 9:22-26 '67.

Polymeric material for panel finishing. I. S. Rudometchikova. *Sbor. nauch. rab. DVNIS* no. 8:137-140 '66.

Polymerization of n-methylol maleimide on iron surface. A. Kh. Uzhokova, A. M. Frost, V. V. Ruzumovskii. *Vysokom. soed. Ser. A* 10 no. 6:1308-1311 Jo '68.

Polymerization of N-methylolmaleimide under the action of γ -radiation of Co^{60} . I. I. Migunova, V. S. Ivanov. *Vysokom. soed. Ser. A* 10 no. 6:633-639 Mr '68.

Polymerization of 1,3-butadiene under the effect of γ -allyl systems studied by the radiochemical method. B. I. Iabitskii and others. *Dokl. AN SSSR* 180 no. 2:420-422 My '68.

Polymerization of vinyl chloride under the action of butyllithium and complexes on its base. V. G. Gaganova, V. V. Mazurek, V. P. Sklizova. *Vysokom. soed. Ser. A* 10 no. 3:479-491 Mr '68.

Polymers with cumulated double bonds. A. M. Sladkov and others. *Vysokom. soed. Ser. A* 10 no. 6:1312-1310 Jo '68.

Porous rubber made on nitril. R. Mkrtychian and others. *Prom. Arm.* 10 no. 2:28-27 '68.

- fractal-dimensional analogs of a linear programming problem and the saddle point theorem. V. I. Levin. *Uspehi matemat. nauk*, 23, no. 3:181-182, My-Je '68.
- Information processing for determining the functioning of an organ in scanning. E. G. Serebrennyy and others. *Med. radiol.*, 13, no. 5:53-57, My '68.
- Integrators using split cores with rectangular hysteresis loops. M. A. Bolshakov and others. *Pril. i sist. upr.*, no. 1:6-11, Ja '68.
- Interdependence of teaching and self-teaching in pattern recognition. M. I. S. Izinger. *Kibernetika*, no. 2:81-88, Mr-Apr '68.
- Interpretation of magnetic and gravitational anomalies using the Dini-1 electronic calculator. V. P. Stepanov, D. G. Subbotnikov. *Izvest. Vsesoyuz. nauch. ts. fiz. i matemat. nauk*, 31, no. 3:32-39, Je '65.
- Increasing the accuracy of determination of equatorial coordinates by various methods with the use of electronic digital computers. N. T. Gubinska, V. A. Mal'tsev, B. I. Shch. *Opt. i elektronika*, 1967, no. 50:11-21, '67.
- Investigating time characteristics of regulators starting from direct-measurement instruments. D. Avel'shin. *Progr. Avtom. i Sist. Upr.*, no. 2:21-23, '68.
- Iterative method for solving convex programming problems. I. I. Kromin, V. D. Nazarov. *Mat. zap. Uralsk. univ.*, 1968, no. 3:40-48, '68.
- Level gauges for fluid. L. A. Miller. *Stran. i kosh.*, 51, no. 12:22, D '67.
- Linear decision distribution with a random number of outputs. V. A. Krasovskiy and others. *Izv. vuz. ucheb. zap.*, 1968, no. 3:62-63, '68.
- Loss of time in the recognition of graphs. P. M. Chegotin, F. G. Milner, V. N. Pankov. *Vestnik AN SSSR, Ser. fiz. i tekhn. nauk*, no. 1:37-41, '68.
- Low-voltage comparator for an analog-to-digital converter. I. U. A. Popov. *Avtometriya*, no. 2:72-76, Mr-Apr '68.
- Magnetic gas analyzer MKN-67. A. D. Gorshchenko. *Tekhnologiya*, 15, no. 5:92-93, My '68.
- Mathematical methods and computers used in hydraulic and soil reclamation engineering. G. I. Kovalev. *Trudy Gidrotekhnichesk. nauch. ts. i inzh. inst.*, 1967, no. 51:57-67, '67.
- Measuring slab length after the finishing end of the structural and material mill. N. V. Brachukov and others. *Mekh. i avtom. upr.*, no. 6:14-16, N-D '67.
- Measurement of expenditure with automatic accounting for the actual parameters of the gas. M. D. Gafanovich. *Pril. i sist. upr.*, no. 12:41-46, D '67.
- Modernization and automation of operative production planning by using electronic computers. A. L. Tamarkin. *Progr. Avtom. i Sist. Upr.*, no. 12:16-19, D '67.
- Method for analyzing digital computer models as multiprocess queueing systems with finite time. R. I. Artemov, I. A. Buzgin. *Izv. AN SSSR, Tekhn. kib.*, no. 3:3-13, My-Je '68.
- Method for compensating errors of elements used in switching and memory of analog quantities. B. V. Boroznina. *Trudy VNIIE*, no. 27:41-46, '67.
- Method for determining the effectiveness of accounting for the effect of losses in the distribution of utilities in power systems using analog computers. V. D. Silinovich. *Trudy VNIIE*, no. 27:96-106, '67.
- Method for improving transformer-type permanent memory devices. L. A. Drik. *Izv. vuz. ucheb. zap.*, 1968, no. 1:04-06, '68.
- Method of coordinating branch and regional plans. M. M. Aliev. *Izv. Vsesoyuz. nauch. ts. i inzh. inst.*, 4, no. 3:33-38, My-Je '68.
- Methods for decreasing systematic errors in voltage-to-code converters. E. I. Gitis, G. V. Markov. *Avtometriya*, no. 2:13-11, Mr-Apr '68.
- Methodological error of digital measurement of a random process. I. M. Shenbrot. *Avtometriya*, no. 2:37-43, Mr-Apr '68.
- Methodology of the construction of slide rules with more than two supporting scales on the rule and sliders. N. A. Monch-Zade. *Za tekhn. prog.*, 5, no. 5:17-19, My '65.
- Modeling of instantaneous plasma currents and voltages of asynchronous motors in transient and steady operation using analog computers. V. A. Shabunin, I. I. Alukhinov. *Izv. vuz. ucheb. zap.*, 1968, no. 5:36-41, My '68.
- Multichannel analog memory device. B. V. Boroznina. *Trudy VNIIE*, no. 27:40-47, '67.
- Multichannel data processing unit. N. A. Balagura and others. *Pril. i sist. upr.*, no. 2:62-63, F '68.
- Multichannel frequency converter of current signals to digital code. L. A. Zhuk, A. N. Lashuk. *Mekh. i avtom. upr.*, no. 6:48-50, N-D '67.
- Multichannel system of control computers with regulators. K. I. Didenko, B. F. Markov, I. U. V. Baren. *Pril. i sist. upr.*, no. 1:31-33, Ja '68.
- Multichannel high-frequency level signaling unit. V. A. Viktorov, V. I. Mikhlin. *Pril. i sist. upr.*, no. 1:16-17, Ja '68.
- Network for the conjunction of impulses shifted in time. V. A. Dolatovskiy. *Pril. i sist. upr.*, no. 10:20, Ja '68.
- Numerical analog division device. P. M. Chegotin, A. G. Lashov. *Vestnik AN SSSR, Ser. fiz. i tekhn. nauk*, no. 1:104-105, '68.
- On a class of convex programming problems. S. I. Zuhovitskiy, I. A. Poliak, M. I. Primak. *Ekon. i mat. metod.*, 4, no. 3:431-443, My-Je '68.
- Optimal coding of objects during their classification using image cognition methods. I. U. V. Dvinskoy. *Izv. AN SSSR, Tekhn. kib.*, no. 1:102-106, Ja-F '68.
- Optical reading equipment: brief review of foreign literature. Z. A. Kirikis. *Pril. i sist. upr.*, no. 2:57-62, F '68.
- Optimum control of a ship's movement. I. S. Brovnikov, E. B. Gaganova. *Za tekhn. prog.*, 8, no. 3:10-12, 48, Mr '68.
- Overall mechanization of data processing in planning and accounting for work and wages using electronic computers. B. O. Krut, E. M. Tabolin. *Pril. i sist. upr.*, no. 12:41-43, D '67.
- Parallel solution of game problems using automatic hybrid computer system. B. N. Mal'chuk, N. B. Rabinovich. *Dokl. AN Tadzh. SSR*, 11, no. 1:75-77, '69.
- Performing combined operations on tabulators. I. A. Akuskiy, M. G. Rapoport. *Ekon. i mat. metod.*, 4, no. 3:444-452, My-Je '68.
- Practical realization of an algorithm for image cognition with a digital computer. V. M. Kozlov. *Izv. AN SSSR, Tekhn. kib.*, no. 1:151-155, Ja-F '68.
- Principal trends and problems in the construction of automated systems for the management of discrete production processes. R. L. Ashastin. *Pril. i sist. upr.*, no. 10:14-14, O '67.
- Principal trends and problems in the construction of automated systems for the management of technological processes. I. K. Petrov. *Pril. i sist. upr.*, no. 10:14-16, O '67.
- Principal trends in research in engineering psychology. D. I. Ageikin, A. I. Galaktionov, L. V. Faikin. *Pril. i sist. upr.*, no. 10:58-61, O '67.
- Problems of input of pictorial information in computers. V. D. Rukhovich, A. I. Zakharov. *Vop. izob.*, no. 4:38-41, '68.
- Problems of the construction of automated systems of industrial management. B. M. Lakobson, A. E. Roztskin. *Pril. i sist. upr.*, no. 10:18-20, O '67.
- Problems of the optimal allocation of the consumers to the suppliers. N. Fedorenko, E. Nesterov, E. Khvatskiy. *Mat. i mekhan.*, 3, no. 4:16-22, Ap '68.
- Processing of the observations of artificial earth satellites on an electronic computer. I. U. V. Dvinskoy. *Bliz. i dale.*, 1968, no. 5:24-25, '67.
- Program control system of the BTR-2 computer. B. V. Novitskiy. *Trudy VNIIE*, no. 27:47-54, '67.
- Problems for evaluating alternatives in the development of electrical networks with 6-110 kv. potentials. V. P. Konevskiy, M. S. Levin, L. E. Ebin. *Elektrichesk. i avtom. upr.*, 1968, no. 4:29-30, My '68.
- Program for the Dini-2 digital computer to determine temperature fields and thermal stresses in a combustion wall. S. N. Piat, A. S. Tsybin. *Izv. VNIIG*, 7:145-147, '65.
- Provision of computer equipment for automated systems of management. S. F. Khropchenko. *Pril. i sist. upr.*, no. 10:17-18, O '67.
- Psychophysical information system for the collection of data from transducers and transmission of it to a computer of a remote site. V. M. Onytsyn and others. *Pril. i sist. upr.*, no. 1:25-28, Ja '68.
- A readout from diagrams and graphs. V. K. Buzdov and others. *Pril. i sist. upr.*, no. 12:38-39, D '67.
- Reduction of rated networks of electrical machines to a form convenient for modeling. D. A. Avel'shin, A. I. Butin, V. S. Sokolov. *Elektrichesk. i avtom. upr.*, 1968, no. 3:23-27, '68.
- Second Siberian Conference on the Application of Mathematics to Methods and Electronic Computers in Geology and Geophysics. V. I. Golitskiy. *Izv. AN Kazakh. SSR, Ser. geol.*, 26, no. 2:80-82, Mr-Apr '68.
- Selection of the form of a standardized signal for input to a control computer. B. F. Markov. *Pril. i sist. upr.*, no. 2:34-35, F '68.
- Selection of the structure of the buffer memory of a registering device. A. F. Goralov, V. M. Khrushchikov, M. N. Shukov. *Izv. vuz. ucheb. zap.*, 1968, no. 3:318-330, My '68.
- Semiconductor unit for calculating the duration of technological operations. S. L. Nantov, V. P. Sukharov. *Mekh. i avtom. upr.*, no. 6:18-19, N-D '67.
- Seminar "Algoritimizatsiya proizvodstvennykh protsessov." [Seminar "Algorithmization of production processes." reports] Seminar "Algoritimizatsiya proizvodstvennykh protsessov." [doklady]. Kiev. Vyp. 1. 1968. 102 p.
- Seminar "Elektronnoe modelirovaniye zadach mekhaniki." [Seminar "Electronic modeling of mechanical problems." reports] Seminar "Elektronnoe modelirovaniye zadach mekhaniki." [doklady]. Kiev. Vyp. 1. 1967. 107 p.
- Simultaneous work of two computers on the solution of a problem. E. I. Orlov. *Pril. i sist. upr.*, no. 2:33-34, F '68.
- Solution of isoperimetric problems of I and II types using the "Ural-3" computer. V. P. Chervinsk, V. V. Hladkov, M. S. Irbina. *Kibernetika*, no. 2:93-99, Mr-Apr '68.
- Some calculation results of optimum extraction of oil from a pool using mathematical programming. F. G. Gusev and others. *Za tekhn. prog.*, 6, no. 5:13-15, My '68.
- Some problems of the theory of network scheduling methods. M. P. Krivonozh. *Kibernetika*, no. 2:48-52, Mr-Apr '68.
- Structure of the computer system of linearizing in an enterprise. I. U. V. Dvinskoy. *Ekon. i mat. metod.*, 4, no. 3:452-462, My-Je '68.
- Stability of probability automata. B. S. Kochkarev. *Kibernetika*, no. 2:24-38, Mr-Apr '68.
- Statistical determination of the optimum range of deflections of the parameters of suspension elements. N. S. Turchenko, R. I. Furushchikov. *Vestnik AN SSSR, Ser. fiz. i tekhn. nauk*, no. 1:97-109, '68.
- Statistics, people, machines. S. I. Anyashev. *Ekon. i tekhn. nauki*, 10, no. 3:73-74, Mr '68.
- Studies connected with the application of mathematical methods and electronic computers in geology. I. U. V. Dvinskoy. *Geol. i geofiz.*, no. 10:75-81, O '67.
- Study of dynamic operation of asynchronous electric drives with large power rating using analog computers. V. F. Stokovskiy, I. A. Oreshk. *Izv. vuz. ucheb. zap.*, 1968, no. 4:352-358, Ap '68.
- Study of some analog-to-digital converters. A. V. Boroznina, N. S. Mal'tsevskaya. *Trudy VNIIE*, no. 27:74-80, '67.
- Study of the effect of magnetic recording on the accuracy of the transmission of signals of frequency transducers. A. A. Dogadov and others. *Pril. i sist. upr.*, no. 12:47, D '67.
- Study of the joint operation of a functional analog memory unit and a digital computer in the solution of problems on efficient distribution of loads. N. S. Mal'tsevskaya. *Trudy VNIIE*, no. 27:61-65, '67.
- Studying deep high-frequency communication channels by the methods of computer technique. R. M. Khabib-zade. *Za tekhn. prog.*, 6, no. 5:20-21, My '65.
- Synthesis of coordination simulation networks from multivalued functional elements. V. I. Korneichuk, V. P. Tatarskiy. *Izv. AN SSSR, Tekhn. kib.*, no. 1:80-85, Je-Je '68.
- Synthesis of the structure of an image analyzer. R. I. Tikhonov. *Izv. AN SSSR, Tekhn. kib.*, no. 1:135-150, Ja '68.
- System for the automation of programming for analog computers. A. Kh. Berezinskiy, G. S. Gol'denberg. *Kibernetika*, no. 2:35-44, Mr-Apr '68.
- System of cyclic recording and transmission of numerical information from relay-type pickups. V. P. Vinitskiy. *Mekh. i avtom. upr.*, no. 6:22-25, N-D '67.
- "Talg" two-stop control computer system. I. I. Herberg and others. *Pril. i sist. upr.*, no. 12:27-30, D '67.
- Tsentr. O. V. [Calculation of electromagnetic fields using computers.] Raschet elektromagnitnykh polov na vychislitel'nykh mashinakh. [Kiev, "Tekhnika," 1967, 261 p.] Theory of probability automata. B. G. Bukharov. *Kibernetika*, no. 2:6-23, Mr-Apr '68.
- Thermometric lag of the recording converter of a thermoresistor. D. V. Kogan, L. M. Lishajko. *Za tekhn. prog.*, 6, no. 3:1-7, 41, Mr '68.
- Traffic control of city transportation with the help of electronic computers. M. I. Polovodchik, F. G. Glik, A. N. Kuz'min. *Progr. Avtom. i Sist. Upr.*, no. 10:28, D '67.
- Transformations of a group combinatorial code. I. I. S. Shukov, V. K. Malin. *Izv. vuz. ucheb. zap.*, 1968, no. 1:37-50, '68.
- Unit for selecting maximum and minimum series of numbers. I. U. V. Dvinskoy and others. *Mekh. i avtom. upr.*, no. 6:43-45, N-D '67.
- Universal level signaling devices. V. A. Viktorov, N. G. Sanislova. *Pril. i sist. upr.*, no. 12:40-50, D '67.
- Universal programmed command device. A. Kasarian. *Progr. Avtom. i Sist. Upr.*, no. 2:73-74, '68.
- Use of a random decision technique in increasing the efficiency of a dynamic programming method. O. Y. Alekseyev. *Izv. AN SSSR, Tekhn. kib.*, no. 3:100-113, My-Je '68.
- Use of an image recognition algorithm for the interpretation of field-geophysical data by electronic digital computers. A. A. Vukobrat, B. L. Vukobrat. *Nauch. i tekhn. izob. i izv.*, 1968, no. 3:34-37, '68.
- Use of analog computers in simulating nonstationary-state thermal processes in gas-cooled power reactors. V. B. Nesterenko, V. M. Stukov. *Vestnik AN SSSR, Ser. fiz. i tekhn. nauk*, no. 1:30-43, '65.
- Use of analog computers in solving certain problems of the theory of continuous filtration with moving boundary. I. G. Bolkin. *Izv. vuz. ucheb. zap.*, 1968, no. 4:77-81, '68.
- Use of automatic computers in studying speed regulatory processes of electric motors with centrifugal inertialess controllers. V. T. Iaroslavskiy, V. A. Shukovskiy. *Izv. vuz. ucheb. zap.*, 1968, no. 1:47-48, '68.
- Use of computers in overall mechanization of accounting. V. S. Rozhnov. *Pril. i sist. upr.*, no. 1:11-13, Ja '68.
- Use of computers in the design of prestressed reinforced concrete plates for paving logging roads. A. M. Kutebkin, V. I. Skrypnik. *Izv. vuz. ucheb. zap.*, 1968, no. 1:140-152, '68.
- Use of electronic computer technology for differential diagnosis of thermal pathology. V. A. Ovsinnikov. *Trudy VNIIMIO*, no. 1:160-164, '66.
- Use of electronic digital computers for determining the possibility of employing light alloys and glass plastics for a high-speed 20-meter passenger car wheels. N. I. Padilov. *Trudy VNIIE*, no. 26:71-81, '67.
- Use of electronic digital computers for the analysis of operational loading of rolling stock parts. V. N. Pokrovskiy. *Trudy VNIIE*, no. 26:61-66, '67.
- Use of electronic digital computers for the analysis of the movement of parts in railroad car roller bearings. A. I. Gubinskiy, M. M. Kurganov, V. A. Petrov. *Trudy VNIIE*, no. 26:15-50, '67.
- Use of information theory and linear programming for the determination of the optimal composition of asymptotes. V. A. Ovsinnikov. *Trudy VNIIMIO*, no. 1:149-153, '66.
- Use of permanent punched cards in evaluating the commodity output. V. I. Irtsev, T. S. Bunina. *Pril. i sist. upr.*, no. 1:43-45, Je '68.
- Use of regulated diodes in decade counters. B. K. Tsygankov. *Pril. i sist. upr.*, no. 2:55-57, F '68.
- Use of the K80-6 controller for the readout and registration of data from punched cards. E. S. Gerasimov. *Pril. i sist. upr.*, no. 2:58, F '68.
- Use of the Minsk-1 computer for processing meteorological data on maximum wind velocities. M. A. Zhirkov. *Sborn. nauch. rab. VNIIS*, 6:82-86, '68.
- Use of the root method for the orientation of errors of steady-state regime in linear automatic control systems. V. V. Volkov, K. F. Fedorchuk. *Vest. Mosk. univ.*, Ser. 3: Fiz., astron., 23, no. 2:48-52, Mr-Apr '68.
- Use of two-row punched cards of the K-5 type for stratigraphic studies. V. A. Chornyskiy. *Sov. geol.*, 11, no. 1:135-141, Ja '68.
- Using digital computers for the calculation of temperature fields in concrete blocks during their erection. S. N. Piat, I. B. Sapozhnikov. *Izv. VNIIG*, 7:113-126, '65.

681.1 (Continued)

Using electronic computers for selecting the optimum capacity of an enterprise. K. V. Zabludov, N. A. Kiselev, L. A. Istomin. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 5:61-66 '68.

Using electronic computers for the calculation of technological parameters for sheet rolling. V. P. Poltsukhin. *Sud.* 28 no. 3:247-248 '68.

Using electronic computers to calculate the daily plan for work assignment to shifts in harbors. V. Savin, N. Fodor. *Rech. transp.* 27 no. 6:20-21 May '68.

Using linear programming for the reduction of pipe scrap. M. A. Moshkaleva and others. *Za tekhn. prog.* 5 no. 5:14-17 May '68.

Using "Nairi" electronic computers for the automation of technological planning in making forgings of the type of the body of revolution. G. P. Teferin and others. *Za tekhn. prog.* 8 no. 4:10-11 Apr '68.

Using the comparison method in controlling units of electronic digital computers. I. S. Pavlovskii. *Mekh. i avtom. upr.* no. 6:25-27 June '67.

Vainberg, D. V., and V. Z. Zharov. [Matrix algorithms in the theory of shells of revolution]. *Matrichnye algoritmy v teorii obolochek vrashcheniya*. Kiev, Izd Kievskogo un-ta, 1967. 164 p.

Vsesoyuznaya konferentsiya po informatsionno-pol'skovym sistemam i avtomatizirovannoi obrabotke nauchno-tekhnicheskoi informatsii. 3d. Moskva, 1968. [Transactions of the Third All-Union Conference on Information Storage and Retrieval Systems and the Automated Processing of Scientific and Technological Information. In four volumes]. *Trudy*, V. 4-kn. 1. Pod obshch. red. A. I. Mikhal'tova i dr. Moskva.

T. 4. [Technical apparatus of information services and operational duplicating techniques]. *Tekhnicheskoe ustroystvo informatsionnogo obsluzhivaniya i operativno-innozhel'naya tekhnika*. 1967. 370 p.

Wilson, Ira G., and Marjorie E. Wilson. [Information, computers, and system design. Translated from the English]. *Informatsiya, vychislitel'nye mashiny i proektirovaniye sistem*. Moskva, "Mir", 1968. 415 p.

Flux-sensitive magnetic head with a parametric amplifier-modulator. I. V. Vagner. *Mekh. i avtom. upr.* no. 6:45-47 N.D. '67.

681.1(471.310). -Moscow City

Yankin, D. M. [Compound measures for health protection of workers. (From the work experience of the Order of Lenin First Moscow Clock and Watchmaking Plant named after S. M. Kirov)]. *Kompleksnyye meroprilozheniya po okhrane zdorov'ia i trudisposobnosti*. (Iz opytov i myslей Otdela Lenina i-go Moskovskogo chasaovogo zavoda imeni S. M. Kirova). Moskva, "Meditsina", 1967. 110 p. (Peruodicheskii organizatsii zdravookhraneniya). (DNI.N)

681.1(477)—Ukrainian S.S.R.

Methods for machine processing of applications. V. Selivanovskii, M. Fedotkin, S. Kuznetsov. *Mak. i tekhn. analiz*. 3 no. 9:57-64 May '68.

Scientific organization of labor as a social and economic problem. V. Skolotnikov. *Ekon. i zhizn'* 10 no. 2:60-74 Feb '68.

Use of computers in planning for procurement. V. Reznikov, A. Nivolev. *Mak. i tekhn. analiz*. 3 no. 1:49-54 Apr '68.

681.1(470.26)—Armenian S.S.R.

At the Kirovakan Automatic Control Equipment Plant. *Prum. Arm.* 10 no. 2:62-63 '68.

681.1(574)—Kazakh S.S.R.

Cybernetics and planning. *Ekon. i zhizn'* 10 no. 4:12-21 Apr '68.

Variants of the code of exponents of nonferrous metal deposits in Kazakhstan. V. G. Safargalov and others. *Izv. AN Kazakh. SSR, Ser. geol.* 28 no. 2:48-49 Mar. Apr '68.

681.1(575)—Central Asia

Cybernetics and planning. *Ekon. i zhizn'* 10 no. 4:12-21 Apr '68.

681.1(575.1)—Uzbek S.S.R.

Electronic computers plan for transportation. Sh. Karimov, V. Gribchenko. *Ekon. i zhizn'* 10 no. 3:70-72 Mar '68.

For introducing the scientific methods of management. *Ekon. i zhizn'* 10 no. 4:21-22 Apr '68.

681.2 Instrument making. Instrumentation

ADV-200 analytical scales with an attachment for automatic equalization and registration of readings. I. U. Sorokhin. *Prub. i sist. upr.* no. 12:54 D '67.

Acceleration of the rotor of a gyrocompass by an elastic bell. V. I. Raipopov, V. I. Korolev, V. K. Tarasov. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 1:71-76 '68.

Additional errors of secondary instruments. N. D. Kuznetsov, V. P. Prokhorovskii. *Prub. i sist. upr.* no. 2:40-41 F '68.

Approximate methods for calculating deformation of the pin connection of a hub and shaft. M. I. Dombrovskii. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 1:16-120 '68.

Algorithm for measuring the absorption spectra of threadlike crystals during X-ray radiation. S. U. Gol'denberg, S. M. Minaev. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 1:85-89 '68.

Automatic device correcting the dynamic characteristics of lens receivers with large inertia and complex transfer function. V. E. Skokorov. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 3:31-34 Mar '68.

Calculation elements of a variator in controlling devices. A. Sh. Khatellil, D. V. Kagan, L. M. Lifshits. *Za tekhn. prog.* 6 no. 6:1-4 June '66.

Contribution of the instrument manufacturing industry to power engineering. V. D. Mirorov. *Prub. i sist. upr.* no. 10:38-41 O '67.

Contribution of the instrument manufacturing industry to the building industry. S. S. Shchedrovitskii. *Prub. i sist. upr.* no. 10:52-54 O '67.

Designing of electronic strain gauge scales with analog measuring circuits. E. A. Dashkovskii. *Prub. i sist. upr.* no. 2:25-27 F '68.

Development of instrument manufacturing industries in member countries of the Council for Mutual Economic Aid. D. S. Soloskov. *Prub. i sist. upr.* no. 10:7-9 O '67.

Device for checking thermal signaling units. V. M. Dolgoplov, V. P. Tarabrin. *Elek. sta.* 39 no. 8:92-93 Aug '68.

Device for controlling given values of a random function by a nonlinear argument. R. I. Gorcev, K. G. Sheremetev. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 4:44-45 Apr '68.

Electromechanical converters of mechanical vibrations. A. P. Bolshakov, I. V. Strizhevskii. *Nauch. trudy AKKI* no. 42:142-151 '66.

[Encyclopedia of measurements, control, and automation]. *Enciklopediya izobretenii, kontrolya i avtomatizatsii*. ETAK. Moskva, "Energiya".

Vyp. 9. 1968. 65 p.

Expansion of the dynamic range of ponderomotor measuring units. V. B. Drogoski and others. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 8:60-64 '68.

Expenditure indicator with direct action. E. A. Isutov. *Prub. i sist. upr.* no. 12:23-27 D '67.

[Handbook on applied measurement techniques]. *Spravochnik po prikladnoi izmeritel'noi tekhnike*. Pod red. I. Koshelina i A. Rossa. Moskva, "Energiya", 1968. 624 p.

History of the development of the instrument manufacturing industry of the U.S.S.R. V. A. Rukhadze, A. T. Shcherbakovskii. *Prub. i sist. upr.* no. 10:31-37 O '67.

Index of new instruments. *Prub. i sist. upr.* no. 1:50-60 Jan '68.

Index of new instruments. *Prub. i sist. upr.* no. 12:55-58 D '67.

Index of new instruments. *Prub. i sist. upr.* no. 2:47-48 F '68.

[Measuring instruments]. *Izobreteniya i instrumenty*. Izd. ofis. Moskva, Izd. standardov. (Coa. standardy SSSR). Ch. 1. 1968. 24 p.

Medical instruments. A. A. Stokhov, M. G. Shapiro, R. S. Dachev. *Prub. i sist. upr.* no. 10:54-58 O '67.

Methods of designing electrochemical indicators. L. M. Lapides. *Nauch. trudy AKKI* no. 42:132-141 '66.

Nature of the motion of an elastic gyrocompass in rotating fields. L. I. Korog, V. A. Ilyukhina. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 1:77-81 '68.

New instruments for thermophysical measurements. L. A. Novitskii, N. N. Irgard, Topol'tz. *Vys. temp.* 6 no. 3:524-526 May '68.

New materials for instruments. D. D. Churabov. *Prub. i sist. upr.* no. 2:37-39 F '68.

Present-day state of the art and prospects for the development of instrument technology. A. N. Gavrilov. *Prub. i sist. upr.* no. 10:64-65 O '67.

Self-oscillations of vertical gyroscopes and directional gyroscopes with correction from a liquid pendulum switch. I. F. Bulik, A. A. Odulov, M. A. Pavlovskii. *Izv. vuz. ucheb. zav. i gor. zhur.* 11 no. 1:67-70 '68.

Standardization and quality in instrument manufacture. I. I. Shmelev. *Prub. i sist. upr.* no. 10:62-63 O '67.

Thermal engineering instruments and means for industrial automation. V. V. Korzunov, A. P. Ivkevich, G. G. Jordan. *Prub. i sist. upr.* no. 10:28-30 O '67.

681.2(471.232)—Leningrad City

Practice in using a system of continuous operation and production planning in the instrument industry. A. N. Klimov, E. K. Tsyplov. *Trudy LPI* no. 268:107-113 '67.

681.4 Optical apparatus

Regulating power of a diffraction grating and a telescope. V. K. Klimov, I. V. Opolrov. *Dokl. AN SSSR* 180 no. 2:316-318 May '68.

Theoretical problems in quantitative microscopic analysis. K. I. Bakhmetov. *Zav. lab.* 34 no. 3:320-330 '68.

681.4(471.232)—Leningrad City

[Economic reform in operation]. *Ekonomicheskaya reforma v delstvii*. Leningrad, Leningrad, 1967. 95 p.

681.8 Technical acoustics. Musical instruments. Sound recording. reproduction

Apparatus of the KPZ for recording of mono-channel sound tracks. P. I. Akimov, A. S. Zaka, V. P. Ipekova. *Tekhn. kino i telev.* 12 no. 1:28-30 Jan '68.

Changes in mechanical properties of the D16T alloy and copper under the action of ultrasonic vibrations in a range of low and high temperatures. E. G. Kononov and others. *Vestn. AN BSSR. Ser. fiz.-tekhn. nauch.* no. 1:5-8 '68.

Changes in the mechanical properties of the D16T alloy under the action of ultrasonic vibrations. E. G. Kononov and others. *Vestn. AN BSSR. Ser. fiz.-tekhn. nauch.* no. 1:5-8 '68.

International standardization of frequency character of the magnetic sound recording apparatus. I. I. Vasilievskii. *Tekhn. kino i telev.* 12 no. 1:28-30 Jan '68.

A man as an orchestra. A. Gaillov. *Tekhn. kino i telev.* 12 no. 1:28-30 Jan '68.

Some statistical properties of a stereophonic signal. L. M. Kononov, R. G. Polubnikov. *Radiotekhnika i elektronika* 13 no. 7:61-65 '68.

683 Hardware

Microscales for proportioning alkaline solutions. T. I. Katarov. *Za tekhn. prog.* 6 no. 5:7-11 May '68.

684 Coachbuilding. Furniture and cabinetmaking. Upholstery. Taking into consideration the range of the design. V. P. Tsvetkov, A. V. Akhramovich. *Prum. i sist. upr.* no. 23 p '67.

684(477)—Ukrainian S.S.R.

Development of the furniture industry and the production of materials for the production of furniture in the Ukraine. S. S. R. V. A. Ilyukhina. *Prub. i sist. upr.* no. 4:72-78 '66.

685 Saddlery. Footwear. Gloves. Travel sport goods and other equipment.

Adoption of an overall scientific organization of the production. I. I. Pavlov, A. A. Bostukhin. *Prub. i sist. upr.* no. 9 no. 5:4-9 May '68.

Algorithm of direct calculation of the probability of a rubber footwear plant. O. E. Kuznetsov. *Tekhn. i avtom. upr.* no. 6:58-64 '67.

Characteristics of the electronic model for determining the pattern surface of shoe parts. V. I. Kozh. *Kozh.-obuv. prom.* 10 no. 3:23-24 Mar '68.

Classification of leather footwear. I. A. Kozh. *Kozh.-obuv. prom.* 10 no. 2:60-66 Feb '68.

Determining the strength of sole fastening in shoes. A. I. Grib. *Kozh.-obuv. prom.* 10 no. 3:25-26 Mar '68.

Development of good working conditions in the shoe industry. A. I. Grib. *Kozh.-obuv. prom.* 9 no. 6:12-13 May '67.

Efficient organization of production as a means to increase labor productivity. N. N. Stokhovskii. *Kozh.-obuv. prom.* 10 no. 4:12-15 Apr '68.

Flexible forms for molding of the sole part of shoes. V. V. Malinenko and others. *Kozh.-obuv. prom.* 10 no. 3:53-54 Mar '68.

Full utilization of production wastes. V. A. Ilyukhina. *Kozh.-obuv. prom.* 10 no. 4:62 Apr '68.

Increasing the wear-resistance of rubber for footwear. D. N. Dinzburg, N. N. Stokhovskii, I. A. Kozh. *Kozh.-obuv. prom.* 10 no. 4:40-42 Apr '68.

Internal resources for the increase of shoe output. G. A. Morekhodov. *Kozh.-obuv. prom.* 10 no. 4:14 Apr '68.

Improving business accounting should be improved. G. D. Malinenko. *Kozh.-obuv. prom.* 10 no. 4:8-9 Apr '68.

Item specialization in the shoe industry. V. A. Afanasyev. *Kozh.-obuv. prom.* 10 no. 3:15-18 Mar '68.

Let us produce more merchandise of good quality and variety; an article dedicated to the Worker in the Light Industry. Facts and figures. *Agitator* 1968. 33 May '68.

New shoe models. G. S. Uzunov. *Kozh.-obuv. prom.* 10 no. 5:20 May '68.

New shoe models. V. I. Lukov, F. I. Malinenko. *Kozh.-obuv. prom.* 10 no. 3:21-22 Mar '68.

New shoe models. V. R. Komarova. *Kozh.-obuv. prom.* 10 no. 4:34 Apr '68.

Productivity and dependability of the technological equipment. I. I. Kapustin, L. I. Malinovich, D. N. Stokhovskii. *Kozh.-obuv. prom.* 10 no. 5:10-11 May '68.

Quality of finishes for chamois leathers used for shoes. I. N. Izakson, M. A. Kulevskii. *Kozh.-obuv. prom.* 10 no. 3:60-61 Mar '68.

Scientific organization of labor in every place of work. G. I. Pasochin. *Kozh.-obuv. prom.* 10 no. 3:1-2 Mar '68.

Shoe care. K. Gullayov, I. Bektelshova. *Sov. i zar. knop.* 12 no. 2:63-64 Feb '68.

Some problems of the creation of working capital and crediting in associations. A. I. Parshikova. *Kozh.-obuv. prom.* 10 no. 4:20-23 Apr '68.

Standard record file. V. G. Piltayn. *Stand. i ka.* 11 no. 12:78 D '67.

Studying the production of artificial leather for the shoe of shoe parts. V. S. Georgieva, V. V. Akhramova, A. N. Kopyl. *Kozh.-obuv. prom.* 10 no. 4:38-39 Apr '68.

Tested by experience. P. A. Alokseev. *Kozh.-obuv. prom.* 10 no. 4:61-62 Apr '68.

Use of active, clear aerosol-175 filter for rubbers of a monolithic and porous structure. A. I. Levina, A. P. Nikiforova, B. A. Safrai. *Kozh.-obuv. prom.* 10 no. 4:43-43 Mar '68.

Use of bank credit for the acceleration of technological progress. R. I. Kolpashnikova. *Kozh.-obuv. prom.* 10 no. 4:16-18 Apr '68.

Use of high-frequency units in the production of shoes from artificial leathers. S. K. Larchik. *Kozh.-obuv. prom.* 10 no. 4:50-52 Apr '68.

Use of X-ray photography for the study of fiber orientation in shoe cardboards. A. I. Stashkevich, N. I. Blazukhina. Kozh.-obuv.prom. 10 no. 4:45-47 Ap '68.

685(471, 55)—Chelyabinsk Province

New buildings of the five-year plan in the shoe industry. M. U. Prosv. Kozh.-obuv.prom. 8 no. 5:1-4 Mr '68.

685(471, 61)—Rostov Province

Results of work under new conditions. P. A. Alekseev. Kozh.-obuv.prom. 8 no. 5:13-16 My '68.

685(474, 3)—Latvian S. S. R.

Leather, shoe and leather accessories industry of the Latvian S. S. R. T. V. Eremeeva. Kozh.-obuv.prom. 10 no. 3:6-9 Mr '68.

685(476)—White Russian S. S. R.

Specialization of shoe industry enterprises is one of the main trends of technological progress. N. D. Tarashla. Kozh.-obuv.prom. 10 no. 4:59 Ap '68.

685(479, 25)—Armenian S. S. R.

Chemical materials used at the "Mada" Shoe Factory. A. Aramagian. Prom.Arm. 10 no. 2:72-73 '68.

685(575, 1)—Uzbek S. S. R.

The fall and the upsurge. I. Kog'kov. Ekno. i zhizn. 10 no. 3:34-39 Mr '68.

687 Clothing Industry. Toilet articles, brushes, etc.

From the practice of interior planning of clothing factories. D. Gaidukovskii. Tekh. est. 5 no. 2:11-13 F '68.

Human work for the welfare of mankind. I. Seregina. Inform. biul. VDNKh 1 no. 1:32 Ja '68.

Properties of commodity use value and improving the planning. T. D. Alimova. Vses. I. GU 23 no. 5:11-23 Mr '68.

687(470)—White Russian S. S. R.

The great plastic material. Z. M. Ushchik. Prom. Bel. 10 no. 12:29-28 D '67.

687(477)—Ukrainian S. S. R.

Effectiveness of improving the quality of consumer's goods. N. I. Drzhurinskii. Org. i plan. dir. nar. khoz. 4 no. 4:70-64 '60.

687(577)—Aralic U. S. S. R.

Organization of work clothes procurement for enterprises. T. Golubina. Mat.-tekhn. snabzh. 3 no. 5:47-52 My '68.

687(576, 1)—Uzbek S. S. R.

The dress was beautiful, but... N. Khamrueva. Ekno. i zhizn. 10 no. 3:42 Mr '68.
Remember the consumer. A. Nukharbaev. Ekno. i zhizn. 10 no. 4:47-50 Ap '68.

688 Fancy and decorative goods. Toys

Synthesis of polyphenol formaldehyde resin in non-aqueous medium. M. I. Arkhipov. T. M. Kalashnikova. Lakokras. mat. i kh. prom. 2 no. 2:1-4 '68.

688(474, 3)—Latvian S. S. R.

Leather, shoe and leather accessories industry of the Latvian S. S. R. T. V. Eremeeva. Kozh.-obuv.prom. 10 no. 3:6-9 Mr '68.

69 BUILDING INDUSTRY, MATERIALS, TRADES, CONSTRUCTION

Analyzing network schedule graphs. M. S. Mogilevskii. I. A. Tifarenko. Stroitel'khit. Uzb. 8 no. 11:12-14 N '67.

All-Union exhibition of the "Construction" section. A. A. Shukhov. Biul. stroit. tekhn. 29 no. 1:40-41 Ja '67.

At the Exhibition of Achievements of the Soviet National Economy. A. E. Volkova. Mekh. stroit. 24 no. 4:24-26 Ap '67.

At the State Committee on Construction of the Council of Ministers of the R. S. F. S. S. R. Biul. stroit. tekhn. 29 no. 1:32-33 Ja '67.

At the State Committee on Construction of the Council of Ministers of the Ukrainian S. S. R. I. A. V. Molnenko. Biul. stroit. tekhn. 20 no. 1:33-35 Ja '67.

At the State Committee on Construction of the Council of Ministers of the U. S. S. R. Biul. stroit. tekhn. 29 no. 1:29-30 Ja '67.

Awards at the Exhibition of Achievements of the Soviet National Economy to the participants of the exhibition of construction and road machinery. Stroitel' dor. mash. 13 no. 1:37-39 Ja '68.

Building sites operate on the five-day workweek schedule. A. Gaiduk. Ekno. stroit. 10 no. 8:9-12 Ja '68.

Calculation of optimum parametric series of construction machinery. S. R. Golubovich. Mekh. stroit. 24 no. 4:18-18 Ap '67.

[Collection of new costs for construction, assembly, and repair work established by the present unified norms and costs computed with the coverage of the increase of the rates of tariffs for first and second class workers effective January 1, 1968] Sbornik novykh raschetov na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, ekhivachenyie detsvulskhimi ENIR, ischislennykh s uchetom porysheniia s 1 ianvaria 1968 goda tarifnykh stavok rabochikh 1-go i 2-go razriadov. Izd. ofits. Moskva, Stroizdat.

Vyp. 3, 1968, 132 p.
Conference on repair and use of construction machinery. Mekh. stroit. 24 no. 4:31-32 Ap '67.
Construction industry in the northern regions. S. O. Kontorovich. Stroitel' dor. mash. 12 no. 11:34-36 N '67.
Construction, road building and communal machinery industry in 1968. Stroitel' dor. mash. 13 no. 1:1-2 Ja '68.
[Construction specifications and regulations] Stroitel'nye normy i pravila. Izd. ofits. Moskva, Stroizdat.

Ch. 3, Razd. G, Gl. 8. [Heat supply. Exterior systems. Regulations for the construction work organization, execution of work, and acceptance for operation] Teplosnabzheniie. Naruzhnyie sieti. Pravila organizatsii stroitel'stva, proizvodstva rabot i priemki v eksploatatsii. SNIP III-G. 6-62. Udv. 23/DC 1963 g. 1967, 20 p.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Izd. ofits. Moskva, Stroizdat.
Ch. 3, Razd. G, Gl. 10, 3. [Pumps. Regulations for the execution of assembly work and acceptance of completed work] Nasosy. Pravila proizvodstva i priemki montazhnykh rabot. SNIP III-G. 10-3-62. Udv. 13/VII 1963 g. 1967, 21 p.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Izd. ofits. Moskva, Stroizdat.
Ch. 3, Razd. V, Gl. 14. [Floors. Regulations for the execution of work and acceptance of completed work] Poly. Pravila proizvodstva i priemki rabot. SNIP III-V. 14-62. Udv. 11/XII 1962 g. 1967, 31 p.

Creative genius of youth in the engineering field in honor of the Great October Revolution. I. R. Gershteyn. Stroitel'khit. Uzb. 8 no. 11:37-39 N '67.

Ensuring the introduction of new time norms for construction. Biul. stroit. tekhn. 29 no. 1:8-8 Ja '67.

For high quality in construction. A. T. Shakhov, I. M. Paranozhkin. Stroitel'khit. Uzb. 9 no. 1:1-3 Ja '68.

[Improvement of the price regulation in construction. (Materials of the Third Enlarged Session and Conference carried out by the Scientific Council on Problems of Price Regulation and by the Institute of Economics of Construction of the Gosstat of the U. S. S. R. in 1963-1964)] Sovetskoe upravleniie tsenami v stroitel'stve. (Materialy Tret'ego razshir. sessii i soveshchaniia, proved. Nauch. sovetom po problemam tsenoregulirovaniia i in-lom ekonomiki stroitel'stva Gosstat SSSR v 1963-1964 gg.) Pod red. V. P. D'achenko i dr. Moskva, Stroizdat, 1967, 181 p.

Instructions for determining estimation of maximum spring water flow. Biul. stroit. tekhn. 29 no. 1:11 Ja '67.

Instructions for planning railway constructions. Biul. stroit. tekhn. 29 no. 1:12 Ja '67.

International Exhibition "Forbytnosh-68." Stroitel' dor. mash. 13 no. 4:33 Ap '67.

Joists of the elements of a prefabricated elevator. V. G. Bilinger and others. Prom. stroit. 44 no. 7:25-28 '67.

Khimenko, E. V. [Supplying materials to individual building sites. (Based on the practice and examples of construction organizations of the Ministry of the Construction of Transportation Systems of the U. S. S. R.) Mikro-analizhenie stroitel'stva. (Na oplitu primeneniia stroitel'nykh organizatsii Ministerstva transportnogo stroitel'stva SSSR). Moskva, "Transport," 1967, 80 p.

Loading covered by suspension cranes. Biul. stroit. tekhn. 29 no. 1:25-28 Ja '67.

Lowering the cost of railroad construction. A. I. Iosadina. Transp. stroit. 10 no. 6:34-36 My '68.

Materials of the Exhibition of Achievements of the National Economy of the U. S. S. R. should be fully used in the construction industry. K. V. Eremeev. Transp. stroit. 10 no. 6:31 My '68.

Manufacture of electric instruments, vibrators and auxiliary equipment manufactured by the plants of the Ministry of Construction, Road Building and Communal Machinery Industry. Stroitel' dor. mash. 13 no. 1:28-31 Ja '68.

Operational method of determining the cost of apartment buildings while designing them. I. U. Knils, N. Lazareva. Zhil. stroit. 11 no. 2:14 '68.

[Planning production lines in construction on the basis of interbranch balance. (Scientific reports)] Planirovaniie proizvodstvennykh avizov stroit'ofstava na osnovie mezhotraslovogo balansa. (Nauch. soobshcheniia). Moskva, Stroizdat, 1967, 188 p.

Potentialities of lowering the construction cost. A. N. Shukhov. Biul. stroit. tekhn. 29 no. 1:27-29 Ja '67.

Practice in legal claims work. D. Mazurkha. Ekno. stroit. 10 no. 6:42-44 Je '68.

Problems in manufacturing precast reinforced concrete structural elements for industrial construction. I. A. N. Ekobson. Prom. stroit. 44 no. 7:8-10 '67.

Reduce the cost of construction of rural electric power networks. D. Kogorov, E. Khavich. Ekno. stroit. 10 no. 6:48-52 Je '68.

Scientific organization of labor and the economics of building production. P. Panfilov. Ekno. stroit. 10 no. 6:43-10 Je '68.

Some recommendations for organizing technological processes at a plant supplying materials for large-panel house construction. R. R. Khalilov. Stroitel'khit. Uzb. 8 no. 11:11 N '67.

Territory and the concentration of means. V. Denisov. R. Berchun. Ekno. stroit. 10 no. 6:52-54 Je '68.
Third seminar of volunteer correspondents. Biul. stroit. tekhn. 29 no. 1:48-111 Ja '67.
To aid managers and legal consultants. R. A. Klachaturov. Stroitel'khit. Uzb. 8 no. 11:43-44 N '67.
What is new in making up complete sets of equipment and supplies needed in construction. M. Gharali and others. Ekno. stroit. 10 no. 6:27-30 Je '68.
With a thought about tomorrow. K. Ritzon. Ekno. stroit. 10 no. 6:31-34 Je '68.

69(471, 12)—Volgograd Province

The searching and the results. V. Kuzmichev. Ekno. stroit. 10 no. 6:40-42 Je '68.

69(471, 310)—Moscow City

Progressive mechanized equipment of the "Glavmontrol." R. R. Prit. Mekh. stroit. 25 no. 3:24-29 Mi '68.

69(471, 311)—Moscow Province

In the Glavmontrol' Trust named after the 60th anniversary of the Great October Revolution. S. Pavlov, I. Muftiev, I. Rebertovich. Ekno. stroit. 10 no. 6:30-34 Je '68.

69(471, 6)—Ural regions

Obligations are fulfilled. T. Filimonov. Zhil. stroit. 11 no. 2:30 '68.
What the analysis showed. I. Gaidanik. Ekno. stroit. 10 no. 6:16-17 Je '68.

69(471, 6)—Northern Caucasus

Utilization of radio communications in dispatching services of the Glavsvyazstroit. I. U. I. Ilov, V. M. Markin. Mekh. stroit. 24 no. 4:48-11 Ap '67.

69(474)—Jalilic Republic

Contribution of battle builders. G. Koldobov. Stroitel'khit. Uzb. 8 no. 11:39-42 N '67.

69(477)—Ukrainian S. S. R.

The experiment and some problems of the reform in construction. M. Tselyk. Ekno. stroit. 10 no. 2:10-25 F '68.

In the Technical and Economic Council of the Ministry for Construction of Heavy Industry Enterprises of the Ukrainian S. S. R. Prom. stroit. i tekhn. 10 no. 1:47 Ja '68.

In the Technical and Economic Council of the Ministry of Machine Building of the Ukrainian S. S. R. Prom. stroit. i tekhn. 10 no. 1:40 Ja '68.

Justifying norms for the deduction into incentive funds. G. G. Golepov. Plan. khoz. 44 no. 7:103-05 Ji '68.

The party's concern for improving housing conditions of the workers. E. Tshukin. Komm. ktr. 12 no. 8:65-74 Jo '68.

Problems facing various organizations of the Ministry of Industrial Construction of the Ukrainian S. S. R. In 1968. V. Arsenkovich. Prom. stroit. i tekhn. 10 no. 1:11-13 Ja '68.

69(490)—European communal countries and USSR

Incentives, imitates, and norms. I. I. Gurov, V. Koravayev. Ekno. stroit. 10 no. 6:55-63 Je '68.

69(571)—Aralic R. S. S. R.

The laboratory recommendations. V. Chuvplov. Ekno. stroit. 10 no. 6:44-45 Je '68.

69(571, 14)—Novosibirsk Province

This is low small enterprises multiply. A. Shilina. Ekno. stroit. 10 no. 6:93 Je '68.

69(571, 14)—Novosibirsk Province

This is low small enterprises multiply. A. Shilina. Ekno. stroit. 10 no. 6:93 Je '68.

69(571)—Kazakh S. S. R.

Construction on the Mangyshlak Peninsula results. Problems, perspectives. I. S. Voshchinskii, I. N. Khmlov. Stroitel'khit. Uzb. 8 no. 11:10-17 N '67.

Generalizing the progressive practice. M. Amantovskii. Ekno. stroit. 10 no. 6:35-38 Je '68.

Kazakhstan's leading mechanics. A. A. Bendz'. Mekh. stroit. 25 no. 2:20-28 F '68.

69(575, 1)—Uzbek S. S. R.

Better, faster and cheaper. M. Kokhanenko. Ekno. i zhizn. 10 no. 3:23-26 Mr '68.

Contribution of battle builders. G. Koldobov. Stroitel'khit. Uzb. 8 no. 11:39-42 N '67.

The situation has not changed. V. Khrabrov. Ekno. i zhizn. 10 no. 3:10-22 Mr '68.

We are overcoming the lag in capital construction. Ekno. i zhizn. 10 no. 3:3-6 Mr '68.

69(598)—Arctic and North Polar regions

Ways of lowering the cost of housing construction in the Arctic regions. V. Andreev, I. Tsaluk. Zhil. stroit. 11 no. 2:9-10 '68.

69.02 Structural parts of buildings

Barrel-type shell roof. K. I. Zazorenki, A. E. Kravtsev. Stroitel'khit. Uzb. 8 no. 11:13-15 Ag '68.

Can't lever erection of precast space structures. I. I. Kuzhala. Stroitel'khit. Uzb. 8 no. 11:30-31 Ag '68.

Erection and testing of a suspended precast reinforced concrete shell. Z. S. Dzhalapdzhe, G. G. Shukhovich. Stroitel'khit. Uzb. 8 no. 11:31-33 Ag '68.

69.02 (Continued)

Experience in thin-walled reinforced concrete construction of space structures in the U.S.S.R. G. K. Khaidukov, G. P. Vukob, P. M. Sverilov, Bel. i zhel.-bet. 12 no. 8-9-12 Ag '69.

[Inter-republic technical specifications for staircases, roof and balcony enclosures] Moshrepublichskie tekhnicheskie uslovia ograždennia lesnitsa, krysh i balkonov, MRTU 20 - 3 - 65, MRTU - 4 - 65, MRTU - 5 - 65, Moskva, Stroiizdat, 1967, 27 p.

Joins of water wall panels for five-to-nine-story large-panel buildings, located in average conditions. Zhil. stroit. II no. 2:15-16 '68.

Protection of reinforced concrete elements for space structures. L. I. Kurichkin, Bel. i zhel.-bet. 12 no. 8-9-12 Ag '69.

Reinforced concrete thin-walled space structures. G. A. Karavayev, Bel. i zhel.-bet. 12 no. 8-9-12 Ag '69.

Roof trusses with single angles. A. D. Fedorov, E. P. Trufimova, Transp. stroit. no. 5:49-56 My '68.

Stairways in high-rise apartment buildings. O. Chislakov, Zhil. stroit. II no. 2:19-22 '68.

Synthetic floors. M. S. Sirtilevskii, Stroi. i arkhit. Uzb. 8 no. 11:31-33 '67.

Sealing of joint lines in outside walls of large-panel buildings. B. I. Lomov, A. Chotelskii, Bel. i zhel.-bet. 13 no. 2:40-43 '67.

69.02(471.5)—Ural region

Experience gained from using wood fiber boards for roofs of industrial buildings. A. P. Bereznev, Prom. stroit. 44 no. 7:40-42 '67.

69.02(477)—Ukrainian S.S.R.

Combined roof-slabs for industrial buildings. A. D. Liberman, I. A. Belinskii, G. V. Sverilov, Prom. stroit. 44 no. 7:31-33 '67.

69.03 Building conditions, permanence, location
Experience gained from using standard stock trusses for lower cranes. S. G. Fokyon, Mont. i spets. rab. v stroit. 29 no. 6:11-16 '67.

Experience in the construction of residential buildings in complex relief. N. S. Rikhov, V. A. Obertas, Stor. nauch. rab. DVNIS no. 8:7-14 '68.

69.03 Site organization, methods, equipment, plant

Automatic loading of loose materials into loppers. A. V. Malyev, Mekh. stroit. 25 no. 2:12-16 F '68.

Characteristics of the use of lower cranes in the erection of residential terrace buildings. O. A. Zhuchkov, V. G. Proskurenko, Stor. nauch. rab. DVNIS no. 8:144-151 '68.

Construction workers wait while State Construction Commission procrastinates. A. Porenkov, Otkr. i zhel. i zhel. stroit. 11 no. 4:22-23 Ap '68.

Crew named for V. P. Ugarsky, hero of socialist labor. G. S. Borisenko, N. A. Kolesnik, Mont. i spets. rab. v stroit. 29 no. 6:10-12 '67.

Effect of the strength of concrete and the thickness of the protective layer on the life of reinforced concrete. A. M. Podval'nyi, Bel. i zhel.-bet. 14 no. 3:8-12 Mr '68.

Excited diagram for standard multistory industrial buildings. I. A. Alonin and others, Prom. stroit. 44 no. 7:15-17 '67.

[Instructions on the use of control methods for testing welded joints of structural members and pipelines] Instruktsiya po metodam kontrolya, primeneniym pri proverke kachestva svarnykh soedinenii stal'nykh stroitel'nykh konstruktsiy i truboprovodov, SN 375-67, Izd. otkr. Lit. 26/VII 1967 g. Moskva, Stroiizdat, 1968, 76 p.

Laying out trestle supports by a curve method. V. S. Grin', G. S. Naumov, Transp. stroit. no. 5:44-45 My '68.

Narbut, A. N. [Testing hydrodynamic transmissions of construction and road machinery. Review] Ispytaniya gidrodinamicheskikh peedch stroitel'nykh i dorozhnykh mashin. Obzor, Moskva, 1967, 77 p. (NI informatsii po stroit., dor., i kommun. mashinostroyeni, Seriya I "Stroit. i dor. mashiny").

New method of calculating the requirements in building machinery. M. G. Trakhtenberg, V. U. Khairov, Stroi. i arkhit. Uzb. 8 no. 11:8-11 '67.

The new procedure for sealing accounts with the suppliers of construction organizations. B. Afuzov, N. Kozhevskii, Mat. i tekhn. analiz, 7 no. 4:71 Ap '68.

Planning open air storage structures at the site of prefabricated construction. N. P. Kurlov, Stor. nauch. rab. DVNIS no. 8:156-165 '68.

Reconstruction of reinforced concrete flexural elements by epoxy resin base compounds. I. S. Durov, N. V. Krasulin, Bel. i zhel.-bet. 13 no. 1:28-30 Ja '67.

Studying strength of cellular structures made of prefabricated slabs. I. A. Iandau, Gidr. stroit. 37 no. 1:21-22 Ja '67.

Surveying and truing crane tracks with PRP instruments. C. S. Bronshteyn, U. V. Vitzlov, Prom. stroit. 44 no. 7:47-48 '67.

20th anniversary of the "Gidromekhanizatsiya" Trust Gidr. stroit. 37 no. 1:45-48 Ja '67.

69.05(471.81)—Novosibirsk Province

Assembling heavy machinery in crowded conditions. P. K. Kovalev, A. R. Fedotov, Mont. i spets. rab. v stroit. 29 no. 6:12-14 '67.

69.05(477)—Ukrainian S.S.R.

Consolidating the structural elements in the erection of a coating plant. S. I. Rabinovich, I. P. Egorov, I. A. Kuchkin, Mekh. stroit. 25 no. 3:10-11 Mr '68.

Installing the support flange for the charging equipment of a blast furnace. F. A. Solov'ev, Mont. i spets. rab. v stroit. 29 no. 6:18-19 '67.

Cut claims toward the manufacturing plants. I. Mezen-tsev, Mat. i tekhn. analiz, 3 no. 4:61 Ap '66.

69.05(571.17)—Kemerovo Province

On the construction sites of the Glavkuzbasstroil. I. Goltsfeld, R. Babitsovich, Eksp. stroit. 10 no. 6:24-26 Ie '68.

69.05(571.63)—Maritime Territory

Organization of construction work at dispersed building projects in the Maritime Territory. G. S. Iskhantov, Stor. nauch. rab. DVNIS no. 8:152-155 '68.

69.05(575.1)—Uzbek S.S.R.

Evaluating the efficiency of restoring buildings by instrumental observations. A. I. Martynov, Stroi. i arkhit. Uzb. 9 no. 1:4-6 Ja '68.

Improvement of the capacity of building machinery lies in cost accounting. V. U. Khairov, Stroi. i arkhit. Uzb. 9 no. 1:7-9 Ja '68.

69.1 Building materials

Electrically protected concrete mix for manufacturing panels in curing chambers. G. I. Tshetani and others, Bel. i zhel.-bet. 14 no. 3:4-8 Mr '68.

Lasskala, E. A., and M. G. Voronkov. [Organosilicon water-repellent roofs in construction work] Kremnii-organicheskie vodootalivayushchie pokrytiya v stroitel'stve, Kiev, "Budiv'nyk", 1968, 92 p.

Nusa, D. A., and A. N. Lomovskii. [Economy and efficient use of materials at building sites] Ekonomika i racional'noe ispol'zovanie materialov na stroitkakh. 2-e izd., pereizdat, Izd. Moskva, Stroiizdat, 1967, 150 p.

Vibrations of apartment house floors. I. A. Solomen'ev, Stroi. mekh. i razch. skor. 9 no. 6:32-34 '67.

69.1(371.310)—Moscow City

Industrial basis for Moscow construction projects. I. P. Dn'torov, Bel. i zhel.-bet. 13 no. 1:3-7 Ja '67.

69.1(479)—Caucasus and Transcaucasia

Construction sites in the Northern Caucasus should have a large production base. P. I. Olesov, Stroi. i arkhit. Uzb. 12 no. 12:6-10 '67.

69.1(496)—European Communist countries as a group

Manufacture and use of foamed perlite in Bulgaria, Hungary, and Czechoslovakia. M. T. Sedokova, Bel. i zhel.-bet. 14 no. 3:38-39 Mr '68.

69.1(576)—Central Asia

Electronic computer plan for transportation. Sh. Karimov, V. I. Babitskova, Eksp. stroit. 10 no. 3:70-72 Mr '68.

69.1(575.1)—Uzbek S.S.R.

All our efforts are directed toward that end. P. P. Maloletov, Eksp. stroit. 10 no. 3:8-11 Mr '68.

Tashkent needs a snowworking firm. V. Rogachev, Eksp. stroit. 10 no. 3:11-16 Mr '68.

69.1.1 Materials of organic origin. Timber, etc.

Effective building materials from lumbering wastes. V. A. Korovin, Izv. vys. ucheb. zav.; i os. zhur. II no. 1:105-107 '68.

Experience gained from using wood fiber boards for roofs of industrial buildings. A. P. Bereznev, Prom. stroit. 44 no. 7:40-42 '67.

Nobozholov, A. E. [Technology and mechanization of flooring operations using plastic materials] Tekhnologiya i mekhanizatsiya rabot po ustroystvu pokrytiy polov iz plastmassovykh materialov. (Opyt Novosila, Irestia "Okdoletrol"). Moskva, Stroiizdat, 1967, 80 p.

Rubber supports with antifriction inserts made of lichen. G. S. Shtal, G. A. Puseck, L. V. Lavrova, Transp. stroit. no. 5:48-49 My '68.

Studying basic mechanical and physicochemical properties of bitumen coatings reinforced by fiber glass. M. I. Garber, Nauch. trudy AKKII no. 42:117-126 '66.

Using plastic bearings. M. T. Stramova, Mekh. stroit. 25 no. 3:36-37 Mr '68.

[Wooden structural elements for residential and public buildings] Derevyannye izdeliya dlia zhilykh i grazhdanskikh zdaniy. Izd. otkr. Moskva, Izd. standartov, 1967, 172 p. (Gos. standardy SSSR).

69.1.2 Natural stone

Granite is a valuable facing material. V. Primosko, Prom. Arm. 10 no. 12:61-62 '67.

69.1.3 Artificial stone. Concrete, etc.

Calculating detached reinforced concrete supports. A. A. Kovten, Stroi. mekh. i razch. skor. 9 no. 2:44-45 '67.

Calculation of the loss of stress due to creep of keramzlit concrete in precast-monolithic structures. N. P. Deltina, Bel. i zhel.-bet. 13 no. 2:37-39 F '67.

Carrying capacity of axially and eccentrically compressed prestressed reinforced concrete elements. E. V. Orshanskii, Bel. i zhel.-bet. 13 no. 2:34-37 F '67.

Cellular structure of gas concrete and granular inter composition of filler. U. M. Bort, S. G. Danilova, Trudy MKITTI no. 50:113-117 '66.

Cement dust in a valuable construction material. A. A. Sirel'skaya, Prom. stroit. 10 no. 12:31-32 Ie '67.

Centrally expanded prestressed concrete elements reinforced with twisted steel strands. A. S. Kozlov, M. Ishchenko, Prom. stroit. i tuzh. skor. 10 no. 1:27-29 Ja '68.

Conveyor lines for manufacturing outside wall panels inside walls and roofing. V. P. Ponomarev, K. A. Solov'yov, Stroi. i arkhit. Uzb. 13 no. 1:21-22 Ja '68.

Corrosion of cement floors in grain plants. A. V. V. V. M. Chelmonova, Prom. stroit. 44 no. 7:45 '67.

Deformability of eccentrically compressed reinforced concrete elements under thermal effect. B. A. Malyutov, N. N. Bogomolova, Bel. i zhel.-bet. 14 no. 1:33-32 Mr '68.

Design of prestressed reinforced concrete elements according to crack formation due to the influence of behavior of concrete in compression zones. V. A. D. Kh. Dzhoev, Bel. i zhel.-bet. 13 no. 1:4-7 Ja '67.

Efficiency of electrically heated light-weight concrete mixers. M. Tem-Dogolov, B. K. Kikhtur, Prom. stroit. 10 no. 2:42-43 '68.

Increasing the adhesive properties of filler bricks. A. Tatrov, V. Nudel'man, Stroi. i arkhit. Uzb. 9 no. 1:32-33 Ja '68.

Lightweight concrete in prestressed construction. K. A. Kormov, Bel. i zhel.-bet. 13 no. 2:21-21 F '67.

Methods of testing and evaluating the strength, rigidity, and crack resistance of precast reinforced concrete products. Zhil. stroit. Uzb. 20 no. 1:15-18 '67.

Moisture conditions of slab-concrete walls in residential buildings in the Maritime Territory. V. A. Danilov, Stor. nauch. rab. DVNIS no. 8:50-60 '68.

Moisture conditions of the walls in residential buildings from gas silica blocks in Nakhodka, Maritime Territory. V. A. Danilov, Stor. nauch. rab. DVNIS no. 8:76-85 '68.

Prestressed positioned structures. A. V. Vasil'ev, Bel. i zhel.-bet. 13 no. 2:9-13 F '67.

Prestressed reinforced concrete structures in foreign industrial construction. G. I. Burdakovskii, Bel. i zhel.-bet. 13 no. 2:13-16 F '67.

Recommendations of the 11th Conference on Concrete and Reinforced Concrete. Bel. i zhel.-bet. 13 no. 2:44-47 F '67.

Reinforced concrete secondary roof trusses with stress adjustment. K. M. Matveev and others, Bel. i zhel.-bet. 13 no. 2:26-31 F '67.

Research works in the field of prestressed reinforced concrete. A. A. Givadov, S. V. Alekseyevskii, Bel. i zhel.-bet. 13 no. 2:47-7 F '67.

Results of the 11th Congress of the International Federation on Prestressed Reinforced Concrete. Bel. i zhel.-bet. 13 no. 2:43-44 F '67.

Selecting optimal large-grained porous aggregates for lightweight concretes. G. Z. Filimonov, Bel. i zhel.-bet. 13 no. 1:31-36 F '67.

Sidorov, M. A. [Equipment of the study room for concrete reinforcement (filers) Oborustovanie uchebnogo kabineta dlia armirovaniykh betonnykh konstruktsiy, Moskva, "Vsesha skola", 1967, 63 p.

Study of pressure grouting mixes with colloidal cement as used in hydraulic structures. N. I. Litvin, A. I. Klimanova, N. V. Sukhinov, Gidr. stroit. 37 no. 1:10-10 Ja '67.

Study of the effect of crystalline structures of cement on its durability, distribution of minerals, fractions, and cement properties. T. V. Vukob, N. V. Buti, V. V. Timashev, Trudy MKITTI no. 51:114-150 '68.

Types of crack resistance in prestressed reinforced concrete structures. A. P. Kuznetsov, Bel. i zhel.-bet. 13 no. 1:30 Ja '67.

[Use of nondestructive methods of concrete testing in building practice. Transactions of the International Scientific and Technological Conference held in April 1966, in Leipzig (GDR). Translated from the German] Primeneniye nerazrushayushchikh metodov ispytaniya belona v stroitel'noi praktike. Trudy Mezhdunar. nauch. i tekhn. konfrentsiy, sostoiavsheysya v apr. 1966 g. v g. Leipzig (GDR). Pod red. A. K. Kuznetsova, Moskva, Stroiizdat, 1968, 215 p.

Use of standard reinforced concrete structural elements in aggressive environments. Zhil. stroit. i tuzh. skor. 10 no. 1:22-24 Ja '67.

69.1.3(471.310)—Moscow City

Electric arc installation for making holes and cutting reinforced concrete structural elements. V. S. Kabanov, Prom. stroit. 44 no. 7:33-34 '67.

69.1.3(474.5)—Lithuanian S.S.R.

Formation and effect of cracks on the behavior of prestressed reinforced concrete structural elements. G. Marckailis, Bel. i zhel.-bet. 14 no. 3:16-19 Mr '67.

69.1.4 Earth. Cob. Clay and ceramic products
Large-size glass blocks as a new building material. V. A. Oshin'nyi and others, Stroi. i arkhit. 25 no. 5:4-11 My '68.

Successes of seasonal brick plants. A. I. Volchuk, Prom. stroit. 44 no. 12:21 D '67.

69.1.5 Binding materials. Plasters, etc.

Ultrasonic equipment for preparing a white-on-red plaster. I. S. Vol'skii, Mekh. stroit. 25 no. 2:25 F '69.

69.1.6 Glass

Glass on a rolling mill. I. El'shanakli, Stroi. i arkhit. 25 no. 1:4-5 '68.

2227

A new type of precast concrete silo, Zakup. sil'nost.
prod. no. 3:37 Mr 68.

industrial buildings. Factories, mills, workshops, etc.
of articles on design and research costs in
of) Shornik tehen na proektirovaniye i izyskaniye
na stroitel'stvo. Izd. ofits. Moskva, Stroitel'-

3. [Costs for the preparation of working
drawings] Tseny na razrabotku rabochikh
chertezheh.

4. [Petroleum refining and petrochemical
industrial] Nefteprobirnyyvalushchaya i
neftkhimicheskiya promyshlennost'. Ustv.
15/VII 1967 g. 1968. 18 p.

5. [Techniques in planning] A. A. Dybidin. Prom.
4 no. 7-7-6 '67.

6. [Diagram for standard multistory industrial
buildings] I. A. Alonin and others. Prom. stroit. 44
no. 6 '67.

7. [Multistory industrial building with vertical
transport] Kh. Agafarov. Prom. stroit. i inzh. snor. 10
no. 12-12-67 '68.

8. [Design of industrial buildings] G. A.
V. Bel. i zhel.-bet. 13 no. 2-1-3 '67.

9. [Design on structural design of thermal electric
plants] Ukazaniya po stroitel'nomu proektirovaniyu
elektricheskikh i teplovykh elektrostantsiy. SN 372-67. Izd. ofits.
VII 1967 g. Moskva, Stroitel'dat. 1968. 71 p.

10. [Changes by continuous operation] M. Vidman,
ovskii. Prom. stroit. i inzh. snor. 10 no. 1-30-
'68.

11. [Expenditures on air conditioning in systems
indoor temperatures] V. S. Malov. Stroit. i
inzh. snor. 9 no. 1-18-10 Ja '68.

12. [Plan of specialization of plants in the Baku zone
of Azerbaijan] Trust of the Construction
of the Azerbaijan S.S.R. L. Z. Baron. Za
6 no. 5-18-10 My '68.

13. [Reinforced concrete with wire reinforcement for industrial
buildings] A. Svetov, V. Ilukhin, V. Karnaushenko.
Stroitel'nyy snor. 10 no. 1-16-22 Ja-F '68.

14. [Reinforced concrete roof slabs for
industrial buildings with transverse strand reinforcement]
U. Dmitriyev and others. Prom. stroit. i inzh.
snor. 10 no. 1-17-18 Ja-F '68.

15. [Decision analysis in determining the dynamic
expenditures by the industrial stages of the
of industrial buildings] T. O. El'gori, M. S.
Ekoni. i inzh. metod. 4 no. 3-16-16 My '68.

725.4(477.0)—Dонец Basin

1. [Designing the main building of a plant for concentrated
mining] R. Umenskii. Prom. stroit. i inzh. snor.
12-14 Ja-F '68.

725.4(478)—Moldavian S.S.R.

1. [Complexes and production management] S. D.
Orlovskii. 44 no. 7-61-03 Ja '68.

725.4(571)—Asiatic R.S.F.S.R.

1. [The value from the construction of a central
mining plant] M. S. Nelmark. Prom. stroit.
6-7 '67.

725.4(574)—Kazakh S.S.R.

1. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

725.4(574)—Kazakh S.S.R.

1. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

725.4(574)—Kazakh S.S.R.

1. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

2. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

3. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

4. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

5. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

6. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

7. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

8. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

9. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

10. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

11. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

12. [Construction site of a combine in Alma-Ata. I. I.
Prom. stroit. 44 no. 7-3-5 '67.

726(571.13)—Omsk Province

1. [Sanitary and hygienic characteristics of residential
buildings in the district sections of "Seitkhovskaya"
of Omsk Province] N. A. Pogorelov. Nauch. trudy
OMI no. 1-168-176 '65.

726(571.83)—Maritime Territory

1. [Effect of topography on the layout and three-dimensional
structure of low-story construction; based on Vladivostok
construction data] G. N. Smirnova. Shor. nauch.
rab. DVNIIS no. 8-16-21 '68.

2. [Experience in the construction of residential buildings
in complex relief] N. S. Riabov, V. A. Chertas. Shor.
nauch. rab. DVNIIS no. 8-7-14 '68.

3. [Initial data on the investigation of wall deformations due
to temperature and moisture conditions in large panel
buildings of Vladivostok] V. M. Karotkov. Shor. nauch.
rab. DVNIIS no. 8-32-40 '68.

4. [Moisture conditions of slag-concrete walls in coastal
residential buildings in the Maritime Territory] V. A.
Dantlov. Shor. nauch. rab. DVNIIS no. 8-88-01 '68.

5. [Moisture conditions of the walls in residential buildings
from gas siliceous blocks in Nakhodka, Maritime Territory]
V. A. Dantlov. Shor. nauch. rab. DVNIIS no. 8-78-
65 '68.

726(575.1)—Uzbek S.S.R.

1. [Architectural and design features of dormitories of
boarding schools being built in Uzbekistan] T. A.
Isaeva. Stroitel'nyy snor. 9 no. 1-25-27 Ja '68.

2. [Such sales have never been known in history] M. At'ykov.
Ekoni. i inzh. 10 no. 3-50-02 Mr '68.

726(68)—Arctic and North Polar regions

1. [Mobile housing for Far North reindeer herders] V. S.
Sharypova. Shor. nauch. rab. DVNIIS no. 8-28-31 '68.

726(68)—Arctic and North Polar regions

1. [Mobile housing for Far North reindeer herders] V. S.
Sharypova. Shor. nauch. rab. DVNIIS no. 8-28-31 '68.

73 SCULPTURE AND THE PLASTIC ARTS

73(477)—Ukrainian S.S.R.

1. [Culture of socialist training] R. Habichuk. Komm. i
42 no. 6-35-19 Ja '68.

73(479.22)—Georgian S.S.R.

1. [Sculptural portraits in Georgia] Skul'-
pturnyy portret v Gruzii. Tbilisi, "Literatura da khe-
lomcha," 1967. 149 p.

739 Artistic metalwork

739(471.232)—Leningrad City

1. [Galanina, L. K., N. L. Grach, and M. I. Tormous. [Jewelry
in the Leningrad. (A special collection)] Ibbet'nyy
izdaniya v Ermitazhe. (Osobaya kolleksiya). Leningrad,
"Sov. khudozhnik," 1967. [94] p.

74 DRAWING AND MINOR ARTS

744 Technical drawing, lettering

1. [Drawing hatches, circles, and figures with the esmo
tool, izobr. i rate. no. 3-19 '68.

2. [Drawings for the manufacture of machinery] Chertezhi
v mashinostroyeni. Izd. ofits. Moskva, Izd. standartov,
1968. 152 p. (Gos. standarty SSSR).

3. [Scientific organization of labor should be adopted in
designing practice] I. F. Khvestik. Transp. stroit.
no. 5-1-2 My '68.

4. [Using models in learning mechanical drawing] K. M.
Spiridonov. Trudy CИMиСKH no. 24-245-254 '63.

747 Interior decoration

1. [Color preferences as basis for the choice of colors and
the planning of the interior decoration of schools].
A. Aganovich. Tekh. est. 5 no. 2-16-10 I '68.

2. [From the practice of interior planning of clothing
factories] D. Gnedovskii. Tekh. est. 6 no. 2-11-13
F '68.

3. [Ollivier, L. M., and T. L. Kil'pe. [Interiors and furniture
of restaurants, cafes and eating places] Inter'or i
mebel' restorana, kafe, stolovoi. Moskva, "Ekonomika,"
1968. 1 v. (chetyri ill.).

4. [Interior decoration and greenery] M. Perfitova. Sov.
poireb. koop. 12 no. 2-82-03 F '68.

77 PHOTOGRAPHY AND CINEMATOGRAHY

1. [What is photography?] F. Charnovich. Tekh. est. 5
no. 2-26-31 F '68.

771 Photographic equipment

1. [Korakin, A. T., and V. I. Glukhov. [Laboratory treatment
of motion-picture films] Laboratornaya obrabotka
kinoizobrazheniy. Izd. 2-e, pereabot. i dop. Moskva,
"Tekhnika," 1968. 104 p. (B-kh knozhivnitsa).

2. [Sensitometric properties of photographic films for
reversible photography] T. S. Ostasovskii, N. I. Filatova.
Shor. nauch. rab. DVNIIS no. 20-85-05 '61.

3. [Shad'man, M. I. A. [Modern cameras] Sovremennyye
fotograficheskiye apparaty. Moskva, "Tekhnika,"
1968. 111 p. (Massovaya fotogr. b-kh).

778.1 Photoconing and printing

1. [Pseudohydroquinone developer for positive films] V. I.
Abramov and others. Tekh. kino i telev. 12 no. 1-35-
37 Ja '68.

778.3 Photographic techniques with mainly scientific application

1. [Aerial photography and its application. Transactions of
the Ninth All-Union Conference on Aerial Photography.
Leningrad, March 15-20, 1965] Aerial'nyy foto-
merenie. Trudy IX Vsesoyuz. soveshchaniya po aereo-
fotografii. Leningrad, 15-20 marta 1965 g. Leningrad,
"Nauka," 1967. 416 p.

2. [Determining the sizes of particles of a carbamide paraffin
complex by microphotography] O. I. Bruk, V. S. Komina-
skii, I. A. Orlov, Khim. i tekhn. opt. i inzh. 13 no. 1-
83 '68.

3. [SU-3 unit and the UU-3 photographic enlarger attach-
ment] Prom. Bel. 10 no. 12-32-33 D '67.

4. [Studying filter columns by the method of borehole photo-
graphy] Kh. Kh. Bakirov, V. A. Rapis, Razved. i kkh.
metr. 33 no. 5-53-55 My '68.

5. [Studying the interaction of an anchor device with soil
by the photoelastic method] S. M. Rozlov. Osn. fund.
i mekh. grunt. 8 no. 4-31 '68.

778.33 X-ray and gamma-ray photography. Radiography

1. [Authenticity of angiographic data in the study of vessels
of the extremities] I. I. Eshkin. Trudy Gos. nauch.-
issl. pekhonov. inst. 33-469-482 '61.

2. [Determination of the functional activity of the thyroid
gland in animals by means of radiometry in compari-
son with data of morphological studies] S. A. Prodi-
ushchikov, V. A. Glumova, I. U. Naglerov. Trudy
Sovm. med. inst. 4-11-120 '68.

3. [Evaluating the reliability of results in radiological
diagnosis of tumors] G. K. Gintolov, K. A. Trukhnov.
Med. rad. 13 no. 5-56-62 My '68.

4. [Ventilation of hemodynamics by means of the radio-
cardiographic method in patients with mitral stenosis
and mitral insufficiency] V. V. Solov'ev, E. I. Zharov,
R. O. Arshakuni. Kardiologiya 6 no. 3-13-17 Mr '68.

5. [Vascular rheography as a method of early detection of
decompensation in the greater circulation] L. I. Zinger.
Kardiologiya 8 no. 3-120-132 Mr '68.

6. [Information processing for determining the functioning
of an organ in scanning] F. O. Serobrianyi and
others. Med. rad. 13 no. 6-53-67 My '68.

7. [Methology of X-ray examination of ductal diverticu-
la] M. D. Vol'danov. Trudy Sovm. med. inst. 4:
353-358 '68.

8. [Neoplasms caused by the use of toroidal] S. N. Aster-
man. Vop. onk. 14 no. 4-107-112 '68.

9. [Pneumography and pneumotomography in the diagnosis
of tumors of the soft tissues of the extremities] A. G.
Vasina, R. A. Kolygin. Vop. onk. 14 no. 4-20-34 '68.

10. [Radiosensitive isotopes in the study of the cardiovascular
system] V. I. Burokovskii, G. A. Melov. Kardiologiya
8 no. 3-3-12 Mr '68.

11. [Radiological photography in kidney disease in children]
A. M. Soskin, V. G. Karimirov. Med. rad. 13 no. 5-70-
76 My '68.

12. [Radiological photography in lymphogranulomatosis and
chronic leukemias] A. K. Gorbunov, V. G. Bortova, V. I.
Lepchenkov. Med. rad. 13 no. 6-62-65 My '68.

13. [Significance of electroangiography in the diagnosis of
mitral stenosis] A. P. Kolosov and others. Kardiologiya
8 no. 3-17-23 Mr '68.

14. [Specificity of the biological action of high-energy protons]
V. N. Denevolenskii and others. Med. rad. 13 no. 5-0-
15 My '68.

15. [Tomography of cerebral bones in tumors of the posterior
cerebral fossa] V. N. Gusekova. Trudy Gos. nauch.-
issl. pekhonov. inst. 33-493-501 '64.

16. [Use of X-ray photography for the study of fiber orienta-
tion in slice cardboards] A. I. Stashkevich, N. I.
Malusenko. Kozh. - obuv. prom. 10 no. 4-45-47
Ap '68.

17. [Using I 131-hippuron for evaluating renal function in
cardiovascular diseases] I. A. Lezhichinskii, V. V.
Trisov. Med. rad. 13 no. 5-65-70 My '68.

18. [Using television in X-ray diagnosis] A. I. Pozmogov.
Vrach. delo no. 5-6-8 My '68.

19. [Vasculography in the diagnosis of cancer of the prostate
gland] I. U. S. Tashchikov. Trudy Sovm. med. inst.
4-288-290 '68.

20. [Visceral pelvic phlebography in the diagnosis of cancer
of the uterus and its adnexa] A. I. Shirel'man, A. A.
Fopova. Vop. onk. 14 no. 4-42-46 '68.

21. [X-ray diagnosis of abdominal metastatic lipomas] I. S.
Rozenshteyn and others. Vop. onk. 14 no. 4-34-
38 '68.

22. [X-ray diagnosis of primary multiple cancer of the stom-
ach] S. I. A. Marmorshteyn, V. M. Vol'skaya, M. M.
Lipovich. Vop. onk. 14 no. 7-84-89 '68.

23. [X-ray signs of chronic disorders of pulmonary circulation
in mitral defects] R. A. Origorlan. Kardiologiya 8
no. 3-40-44 Mr '68.

778.33(477)—Ukrainian S.S.R.

1. [Organization of fluorography service in an agricultural
district] I. O. Znovitskii. Vrach. delo no. 6-126-127
My '68.

778.5 Cinematography
 Apparatus for controlling the uniformity of film blackening. K. V. Vondrovskiy and others. Tekh. kino i telev. 12 no. 1:31-34 Ja '68.
 Device for switching of film projectors. P. I. Tsimmerman. Tekh. kino i telev. 12 no. 1:65-67 Ja '68.
 Frid, E. L. [Music in Soviet motion pictures] Muzyka v sovetskoy kino. [Leningrad, "Muzyka," 1967]. 200 p.
 Ioffe, E. A. [Technique of processing motion-picture films. (For mass production professionals)] Praktika obrabotki kinoplenki. (Dlya massovykh rabotnikov pressii). Moskva, "Iskusstvo," 1967. 252 p.
 Kapler, A. Ia. [Years, screenplays, films.... Gody, sotsializm, fil'my.... Moskva, 1968. 85 p. (Rasskazy o tvorchestve i puti).]
 Kurakin, A. T., and V. I. Glukhov. [Laboratory treatment of motion-picture films] Laboratornaya obrabotka kinoplenki. Izd. 2-e, pererabot. i dop. Moskva, "Iskusstvo," 1968. 104 p. (B-k kinobiblioteka).
 Litov, V. [Educational films of unforgettable days] Kinozadny nezabyvaemykh dni. Moskva, Buro propagandy sovetskoy kinoklассy, 1967. 52 p. (B-k kinozritel'skaya).
 [Mosfilm] "is showing" Pokazyvaet "Mosfilm." [Moskva, "Iskusstvo," 1967] 115 p. Illus.
 Novik, F. S., and P. A. Nogin. [Cinematographic optics] "Kinos" i optika. Moskva, "Iskusstvo," 1968. 408 p.
 Objective with variable focal distance in wide-screen cinematography. G. S. Marandzhan. Tekh. kino i telev. 12 no. 1:30-32 Ja '68.
 Pribladyshchayemye detsy i deti. Tekh. kino i telev. 12 no. 1:35-37 Ja '68.
 Processing of information during stereophonic transmission. V. V. Furduyev. Tekh. kino i telev. 12 no. 1:24-26 Ja '68.
 Scientific-technical progress of cinematography. V. G. Korzar. Tekh. kino i telev. 12 no. 1:3-6 Ja '68.
 Shooting of wide-screen motion pictures. P. V. Shapira. Tekh. kino i telev. 12 no. 1:38-39 Ja '68.
 Spring motor for motion picture cameras. N. M. Fedorov. Tekh. kino i telev. 12 no. 1:69-70 Ja '68.

78 MUSIC

Brantseva, V. N. [Myths of ancient Greece and music] Mify drevney Gretsii i muzyka. Moskva, "Muzyka," 1967. 64 p. (Rasskazy o muzyke dlia shkol'nikov).
 Frid, E. L. [Music in Soviet motion pictures] Muzyka v sovetskoy kino. [Leningrad, "Muzyka," 1967]. 200 p.
 Lukhov, M. A. [The rondo form in the works of Soviet composers] Forma rondo v proizvedeniyakh sovetskikh kompozitov. Moskva, "Muzyka," 1967. 68 p. (Voprosy pechati i muzyki).
 Karanov, P. Kh., and I. P. Vulykh. [Foreign literature on music. Index of abstracts of books for 1954-1958] Zarubezhnaya literatura o muzyke. Referativnyi ukazatel' knig za 1954-1958 gg. Moskva, "Sov. kompozitor," Vyp. 2. Ch. 2. 1967. 110 p.
 Kogadze, A. P. [Techniques of choir directing. (Elementary principles)] Tekhnika khorovogo dirizirovaniya. (Elementarnyye osnovy). Izd. 2-e, O. R. Shifrin. Minsk, "Vysheish. shkola," 1968. 251 p.
 Maksimov, S. E. [A singing system] Povchenkiy strol. Moskva, "Muzyka," 1967. 153 p.
 [Reinhold Moritzovich Glier. Articles. Reminiscences. Materials] Reingold Moritzovich Glier. Stat'i. Vospominaniya. Materialy. [Leningrad, "Muzyka," 1967. 362 p.
 [Soviet long-playing phonorecord] Sov. dolgalgi, gramplast. nos. 1, 6-8, 10-12 '67. Nos. 1-4 '68.
 Zhuravlev, D. N. [Composer Vasilii Efimov. A biographical sketch] Kompozitor Vasilii Efimov. Itog ocherk. [Minsk, "Belarus," 1967] 75 p. (Kandzhi samodelat'nosti).

78(471.22)—Karelian A. S. S. R.
 [Apogheinski, G. I. [Musical culture of Karelia] Muzykal'naya kul'tura Karelii. Leningrad, "Muzyka," 1968. 103 p.

78(478)—White Russian S. S. R.
 Stepanov, K. I. [A White Russian concert] Doloruski kontser't. [Minsk, "Belarus," 1967]. 65 p. (Kudosh. samodelat'nosti).

78(477)—Ukrainian S. S. R.
 Culture of socialist training. B. Babichuk. Komm. Ukr. 42 no. 6:35-38 Je '68.

79 ENTERTAINMENT, PASTIMES, GAMES, SPORT
 Creative meetings in the "Soviet Culture" Pavilion. I. Korol'chuk. Inform. biul. VDNK 10 no. 1:27-28 Ja '68.

791.4 Films. Motion pictures
 Turning over the pages of history. M. Semenov. Sots. obshch. 43 no. 4:10-12 Ja '68.

792 Theater. Dramatic performances
 Gerzhunt, E. P. [I am telling about the stage] Rasseyzhu ob etate. Red. i poslel. A. Baillina. [Leningrad, "Iskusstvo," 1968] 254 p.

[History of the Soviet drama theater. In 6 volumes] Istoriya sovetskogo drammaticheskogo teatru. V. 6-1. Moskva, "Mank," 1967. 613 p.
 Markov, P. A. [Theater of various countries] Teatr raznykh stran. Moskva, VTO, 1967. 394 p.
 Messerer, A. M. [Lessons in classical dancing] Uroki klassicheskogo tantsa. Moskva, "Iskusstvo," 1967. 551 p.
 [The stone flower. Ballet in 3 acts. Music by S. S. Prokof'ev] Kamennyi tsvetok. Ballet v 3 deystviyakh. Muzyka S. S. Prokof'eva. Leningrad, Gos. muzykal'naya izd., 1960. 28 p.

792(44)—France
 Mukheva, A. N. [When rhinoceroses walk the stage... The theater of the absurd of Eugene Ionesco] Kogda po steene khodiat nosorogi... Teatr absurda Ezheny Ionesko. Moskva, "Iskusstvo," 1967. 175 p.

792(47.5)—Ural regions
 Panfilov, P. A. [Theater arts of the Ural. 1917-1967] Teatrnoye iskusstvo Urala. 1917-1967. Pod red. I. A. Dmitriyeva. Sverdlovsk, Sred. i vyssh. shkol. kn. izd., 1967. 327 p.

792(478)—White Russian S. S. R.
 Koles, G. D. [Dialogue across the footlights] Dialog cherez rampu. [Minsk, "Belarus," 1967] 261 p.

792(477)—Ukrainian S. S. R.
 Culture of socialist training. B. Babichuk. Komm. Ukr. 42 no. 6:35-38 Je '68.

792(57.3)—Tajik S. S. R.
 Nurdzharov, N. Kh. [The Tajik theater. Outline history] Tadzhikskiy teatr. Ocherk istorii. Pod obshch. red. G. Golana. Moskva, "Iskusstvo," 1968. 201 p. (Iz serii ocherkov "Teatr narodov SSSR").

790 Sport. Games. Athletics
 Aigosev, G. [Hypochondria syndrome in the sport medicine practice]. M. N. Kazakov. Trudy Perm. gos. med. inst. no. 5:215-216 '63.
 Characteristics of thermoregulating reflex in acrobats. M. N. Kazakov. Trudy Perm. gos. med. inst. no. 5:169-174 '63.
 [Block. Competition rules] Khokkai. Pravila sorenivaniy. Moskva, "Fizkul'tura i sport," 1967. 60 p.
 [Iceballing. Competition rules] Buryat sport. Pravila sorenivaniy. Uv. 25/VIII 1966 g. Moskva, "Fizkul'tura i sport," 1968. 50 p.
 Materials of radiotelemetric studies of the cardiac activity in weight lifters. M. N. Kazakov. Trudy Perm. gos. med. inst. no. 5:189-190 '63.
 A sport apparatus is a step into the sky. V. Vorobchenko. Kryn. rod. 10 no. 6:17-18 Jo '68.
 There should be cross-country automobile races. N. Strakov. Tekh. i sport. 25 no. 4:28 Ap '68.
790(170)—White Russian S. S. R.
 Kulikovskiy, K. A., and N. V. Vinnik. [Sports in White Russia] Belorusskaya sportivnaya. Minsk, "Belarus," 1967. 1 v. (Iz serii illus.).

790(477)—Ukrainian S. S. R.
 Scientific organization of labor and physical training. I. Krikov. Ekon. rad. Ukr. 10 no. 2:75-76 F '68.

797 Water sports. Air sports
 Aesthetics of parachute jumping. L. Faltorg. Kryn. rod. 10 no. 3:11-12 Mr '68.
 Aft to the airplane model builder. Kryn. rod. 10 no. 6:18-19 Jo '68.

At the start. K. Lushnikov. Kryn. rod. 10 no. 6:28-29 Jo '68.
 Clato, invent. enclavori. I. Marokhovskiy, A. Vinnov. Kryn. rod. 10 no. 3:20 Mr '68.
 50 sportsmen, 100 meters, 13 seconds. D. Korobka. Kryn. rod. 10 no. 6:2-3 My '68.

Goncharov, V. V. [We fly without engines] My letim bez motorov. Leningrad, Gidromolentzhit, 1967. 151 p.
 Inspecting the lock of the free and release system before a jump. Kryn. rod. 10 no. 6:30 Jo '68.
 Inter-city match; motols in the nonchampionship class start. M. Semenov. Kryn. rod. 10 no. 6:27 Jo '68.
 Into the center of the current. V. Goncharov. Kryn. rod. 10 no. 6:12-14 My '68.

Judge fortyty G. Dymov. Kryn. rod. 10 no. 1:10-11 Ja '68.
 Judgments, questions, problems... I. Litov. Kryn. rod. 10 no. 6:10-11 My '68.
 Jumping from the stratosphere. E. Sevast'yanov. Kryn. rod. 10 no. 3:18 Mr '68.

Milankov, A. P. [Medical service for skin divers and scuba divers] Meditsinskoye obespecheniye legkovodolazov i akvalangistov. Leningrad, "Meditsina," 1967. 239 p. (B-k prakt. vracha).
 A new micrometer. V. Goshushov. Kryn. rod. 10 no. 6:28 Jo '68.
 Novices and veterans. M. Semenov. Kryn. rod. 10 no. 1:10-11 Ja '68.

Parachute systems for sport and parade. I. Kabanov. Kryn. rod. 10 no. 2:21 F '68.
 Parachute complex. I. Strakov. Kryn. rod. 10 no. 3:18 Mr '68.
 Program of the masters. B. Porfirov. Kryn. rod. 10 no. 3:17 Mr '68.
 Quickly and accurately: techniques in exercises of the complex of figures. V. Gurnyl. Kryn. rod. 10 no. 2:23 Jo '68.
 Road of the masters. A. Vinnikov. Kryn. rod. 10 no. 3:18 Mr '68.
 Rules for more precise. I. Kabanov. Kryn. rod. 10 no. 2:25 F '68.
 Sailors need sailboat racing. A. N. Semenov, A. I. Naumov. Mor. spor. 50 no. 5:60-61 My '67.
 The second all-Ural competition... S. I. Kabanov. Kryn. rod. 10 no. 6:28-29 My '68.
 A soaring flight in a creation. V. Goncharov. Kryn. rod. 10 no. 6:20 Jo '68.
 Soldier, sportman, trainer. M. Litov. Kryn. rod. 10 no. 2:10-17 F '68.
 A specific following reaction in sports. A. A. Vinnikov, I. P. Ponomarev. Zhurn. vyssh. shkol. 10 no. 3:14-15 Ap '68.
 Student parachute in the sky. I. Litov. Kryn. rod. 10 no. 1:10-11 Ja '68.
 The top-ranking glider pilot. A. Vinnikov. Kryn. rod. 10 no. 2:24 F '68.
 What glider builders are working on. I. Litov. Kryn. rod. 10 no. 3:18-19 Mr '68.
 While from the mountains and valleys. V. Litov. G. Litov. Kryn. rod. 10 no. 3:21-22 Mr '68.

797(438)—Belarus
 The sky of Leningrad is the arena of competition. I. Litov. Kryn. rod. 10 no. 5:11 My '68.

797(471.13)—Komi A. S. S. R.
 Parachute jumps over the rapids of Belom. A. I. Kabanov. Kryn. rod. 10 no. 1:10-11 Ja '68.

797(471.232)—Leningrad City
 A coaxial system helicopter. V. Timofeev. Kryn. rod. 10 no. 5:20 My '68.

797(471.314)—Vladimir Province
 Life, dream, the sky. B. Vinnik. Kryn. rod. 10 no. 1:10-11 Ja '68.

797(471.341)—Gorky Province
 Model airplane races. V. Litov. Kryn. rod. 10 no. 6:27 My '68.

797(471.43)—Kuglyshev Province
 Unfading youth. I. Litov. Kryn. rod. 10 no. 5:11 My '68.

797(474.5)—Leningrad S. S. R.
 Voilko glider sport. A. Katkov. Kryn. rod. 10 no. 1:10-11 Ja '68.

797(477)—Ukrainian S. S. R.
 Parachutists of a horse fly. G. Konstantinov. Kryn. rod. 10 no. 6:10 Jo '68.

797(675.1)—Uzbek S. S. R.
 A whole life's work. M. Litov. Kryn. rod. 10 no. 1:10-11 Ja '68.

8. LITERATURE, BELLES LETTRES

80 Literary science and technique
 [Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, literature, art] Inform. biul. nov. knizhn. kuf. i ust. kn. Bibl. im. V. I. Len. Ser. 3 11 no. 10, 21-22 Je '68.

83.1 English literature
 [English poetry in the first half of the 19th century] Angliyskaya poeziya pervoy poloviny XIX veka. Moskva, "Vysheish. shkola," 1967. 60 p. (Iz serii "Zarubezhnaya literatura").

882 Russian literature
 Andreev, I. M. [Outline history of Russian literature of the 19th century. (A short consecutive summary of lectures read at the Trinity Seminary)] Ocherk istorii russkoy literatury XIX veka. (Kratkoye svedeniye izlozheniye itokov i razvitiya literatury XIX veka. Svyato-Troitskiy Duhovnyy Seminariy.) Ioskva, N. Y., Holy Trinity Monastery. Sbornik 1, 1968. 310 p.

The arts serve communism. A. Belik. Agita. 22-24 My '68.
 [Belok, E. I. [Writers of my country] Pisateli moey zemli. Redaktor N. Ioskovskiy. Novosibirsk, Vostochno-Sibirskaya kn. izd., 1967. 175 p.

Krasnolaski gosudarstvennyy pedagogicheskiy institut
 [Reports of a scientific conference. (Series of lectures and philology)] Doklady nauchnoy konferentsii po teorii i filologii. (Krasnolaski gosudarstvennyy pedagogicheskiy institut. Kn. izd., 1966. 140 p.

- Kremlev, I. I. [In the literary ranks. Reminiscences] V literaturnom stroiu. Vospominaniia. Moskva, "Mosk. rabochii," 1968, 326 p.
- Os'makov, N. V. [Russian proletarian poetry. 1890-1917] Russkaya proletarskaya poeziia. 1890-1917. Moskva, izd-vo "Nauka," 1968, 278 p.
- Rappoport, Evgenii. [The manuscript was considered lost. Hypotheses and notes of searches and findings] "Iskops" uchitalas' uterianol. Gipotezy i zametki o polskakh i nakhodkakh. Irkutsk, Vost.-Sib. kn. izd., 1967, 80 p.
- Zamiat, T. P. [The modern Russian story] Sovremennyy russkii rasskaz. Kiev, "Naukova dumka," 1968, 264 p.
- Zel'dorich, M. G. [Russian literature of the 19th century. A reader of materials on literary criticism] Russkaya literatura XIX v. Khronologicheskaia kritika. Materialy. Izd. 3-e. Moskva, "Vyssh. shkola," 1968, 536 p.

—Gorkii, M.

- A. M. Gorkii among sailors: on the 100th anniversary of the writer's birth. A. M. Gorkii zhizn'. Mor. stor. 51 no. 3:49-54. M., '68.
- Zhegalov, N. N. [M. Gorkii and world culture] M. Gorkii i mirovaia kul'tura. Moskva, "Znanie," 1968, 40 p.
- (Novoe v zhizni, nauke, tekhnike. 3 seriia. Literatura).

—Mekhlav, G. V.

- Nikolayev, P. A. [Aesthetics and the literary theories of G. V. Mekhlav] Estetika i literaturnye teorii (G. V. Mekhlav). Moskva, "Iskustvo," 1968, 244 p.

—Slavov, I. V.

- If a man is alive.... Msk. Fedolovskikh. Kryl. rod. 10 no. 5:15. M., '68.

—Turgenev, I. S.

- [A Turgenev collection. Materials to the complete collection of works and letters of I. S. Turgenev] Turgenevskii sbornik. Materialy k polnomu sobraniu sochinenii i pisem I. S. Turgeneva. Leningrad, "Nauka," T. 3, 1967, 430 p.

563 Ukrainian literature

—Itadzykovich, V.

- Ukrainskii muzel. Arkhiv u Khivleni. [Volodymyr Itadzykovich. An anniversary collection] Volodymyr Itadzykovich. Uvichnyi zbirnyk. Chovoland, 1966, 90 p.

564 Baltic literature

- [Literary Lithuania. 1967. Organ of the Society of Writers of the Lithuanian S.S.R.] Lietuvi literatūra. God 1967. Organ Sobiaiatsio Lietov. SSR. Vilnius, "Vaga," 1967, 169 p.

564.1 Ural-Altaic literature

- [From the cultural history of prerevolutionary Kalmykia] Iz istorii kul'tury dorovolutsionnoi Kalmykii. Volgograd, M. Volzh. kn. izd., 1967, 73 p.
- Kivl, Oswald. [Faintly belated folklor, folklore and criticism in Russian and other languages of the peoples of the U.S.S.R. 1956-1965] Estonskaya knozheshchionnaya literatura. folklor i kritika na russkom i drugih yazykakh narodov SSSR 1956-1965. Bibliografiia. Tallinn, "Eesti raamat," 1966, 519 p.
- Shadykhov, M. Z. [Writers-Decembrists and Azorbalzhani] Pisateli-dekabristsy i Azorbalzhani. Baku, Azorbalzhanskoe gos. izd., 1967, 141 p.
- Two imitation of Gaganov's gazels. A. Dadashzade. T. Dzhabkhan. Dokl. AN Azerb. SSR 23 no. 1:71-72 '67.

564.6 Caucasian literature

- [History of Soviet Dagestan literature. In 2 volumes] Istoriia dagestanskoi sovetsskoi literatury. V 2 kh. L. Makhachkala, Izd. Dagest. filial AN SSSR, 1967, 2 v.

9. GEOGRAPHY. BIOGRAPHY. HISTORY

91 GEOGRAPHY, EXPLORATION AND TRAVEL

- 910 General studies. Accounts of travels, expeditions, etc. Two hundred years to expeditions organized by the Academy of Sciences. I. V. Astashev. Priroda no. 6:97-103 '68.

9101201—Atlantic Ocean

- Biological studies during the first experimental voyage of the research vessel "Akademik Kurchatov." N. B. Kovalenko, E. A. Lubny-Gorlsky, F. A. Pasternak. Okeanologia 8 no. 1:169-172. Ja-P '68.

910471.312—Tula Province

- [Socialist Tula. Photoalbum] Tula soetsialisticheskolo. Fotoal'bom. [Tula]. Priok. kn. izd., 1967, 5 p. 76 l. illus.

910471.316—Yaroslavl Province

- Novik, B. M. [In Yaroslavl Rus'] To Rusi Yaroslavskoi. Moskva, "Mysl'," 1968, 236 p.

910471.323—Mordvin A. S. S. R.

- Porshakov, A. N. Saransk. Saransk, Mordovskoe kn. izd., 1967, 1 v. (chiefly illus.).

910471.341—Gorkiy Province

- Khorov, D. S. [Gorkiy Province. Nature, population, economy. Studies on economic geography] Gor'kovskaya oblast'. Priroda, naselenie, khoz. i gos. geogr. ocherki. [Izd. 2-o, pererabot. i dop. Gor'kii]. Volg.-Viat. kn. izd., 1967, 368 p.

910471.611—Rostov Province

- Makarov, S. N. [Forty-five minutes in Rostov-on-Don. A guidebook] Rostov-45 minut. Putovoditel'. Rostov-na-Donu. Kn. izd., 1967, 1 v. (chiefly illus.).

910471.631—Kalmyk A. S. S. R.

- [Soviet Kalmykia] Sovetskaya Kalmykiia. Etain, Kalmyk. izdat., 1967, 1 v. (chiefly illus.).

910477—Ukrainian S. S. R.

- [Streets and squares of Dnepropetrovsk] Vulytsi i ploshchi Dnipropetrovs'ka. [Dnipropetrovsk, "Pronda," 1967] 149 p.

910490—Romania

- On the banks of the Ol River. N. Paklin. Nov. vrem. 26 no. 34:8-9. Ag '68.

910511—China

- This summer in Kwangtung from a Peking observer. Nov. vrem. 26 no. 34:10-20. Ag '68.

910571—Asiatic R. S. F. S. R.

- [Places associated with Lenin in Siberia] Leninskije mesta v Sibiri. Sostavil V. I. Burova i S. I. Ezhova. Art. teksta E. Vartan'yan. [Moskva, "Sov. Rossiia," 1967, 80 p. (In Russian, English, German, and French)]

910573.11—Uzbek S. S. R.

- [I saw it myself. Remarks of foreign authors about Uzbekistan] Ia oto videl sam. Vyskazyvaniia zarubezhnykh pisatelei ob Uzbekistane. Tashkent, Izd. Khudozh. lit. im. Gafura Gullama, 1967, 68 p.

910729—West Indies

- In Trinidad: travel impressions. V. Ivanenko. Nov. vrem. 20 no. 34:26-29. Ag '68.

910709—Antarctica. South Polar regions

- Activities of Vostok Station in 1966. A. N. Artem'ev. Inform. blul. Sov. antark. eksp. no. 67:12-18 '68.
- Aerometeorological studies during the 11th Soviet Antarctic Expedition. A. P. Koptev. Inform. blul. Sov. antark. eksp. no. 67:19-23 '68.
- Autumn night deep in Antarctica. T. Senko. Inform. blul. Sov. antark. eksp. no. 68:77-78 '68.
- Bibliography. Inform. blul. Sov. antark. eksp. no. 67:97-106 '68.
- Bibliography. Inform. blul. Sov. antark. eksp. no. 68:82-85 '68.
- By radio from the Antarctic. Inform. blul. Sov. antark. eksp. no. 67:87-89 '68.
- By radio from the Antarctic. Inform. blul. Sov. antark. eksp. no. 68:71-76 '68.
- Eleventh Soviet Antarctic Expedition. I. I. Gubrov. Inform. blul. Sov. antark. eksp. no. 67:6-31 '68.
- Expedition of Japanese polar team along the route Syowa Station-Motodome Station-Syowa Station. V. K. Inform. blul. Sov. antark. eksp. no. 67:98 '68.
- Fold trip from the Novozelandskaya Station to Wegener Plateau. V. F. Zakharov. Inform. blul. Sov. antark. eksp. no. 68:67-63 '68.
- Geological studies in the eastern part of Queen Maud Land. M. G. Ravich, D. S. Soforov, E. N. Kamenov. Inform. blul. Sov. antark. eksp. no. 68:14-27 '68.
- Seasonal activities of the 13th Soviet Antarctic Expedition. P. K. Senko. Inform. blul. Sov. antark. eksp. no. 68:5-13 '68.
- Thirteenth Soviet Antarctic Expedition. V. A. Shamov'ev. Inform. blul. Sov. antark. eksp. no. 67:69-83 '68.

911 General geography (physical, human, applied, etc.)

- Aleksandr Davydovich Broilerman; obituary. Izv. Vses. geog. ob-va 100 no. 2:187-188 '68.
- Aronii Vladimirovich Sholnikov. M. I. L'vovich and others. Izv. Vses. geog. ob-va 100 no. 2:187-188 '68.
- [Geography] Ref. zhur.: Geog. no. 8. Ag '68.

- A landform classification of karst caves. B. A. Gergeda-va. Izv. Vses. geog. ob-va 100 no. 2:128-132 '68.

- An offer to P. A. Kropotkin to head the Department of Geography of Moscow University. N. P. Krainsky. Izv. Vses. geog. ob-va 100 no. 2:171-174 '68.

- Solar activity and the personal fluctuations of atmospheric processes. N. A. Khraminov. Izv. Vses. geog. ob-va 100 no. 2:103-108 '68.

- Some laws and methods of studying the geography of the natural fuel of plague on the plains of the desert zone. E. V. Rutshild. Izv. Vses. geog. ob-va 100 no. 2:186-170 '68.

- Some new ideas on the geology of the earth's mobile belts and the hypothesis of the drift of continents. G. D. Azhgirei. Izv. Vses. geog. ob-va 100 no. 2:97-102 '68.

- Stepanov, M. N. [New developments in ancient science. Geography] Nov' drevnei nauki. Geografiia. Perm'. Kn. izd., 1967, 37 p.

911255)—Lakes, ponds, etc.

- Genetic types and dynamics of the shores of the Tsimlyansk Reservoir. V. A. Kiliava. Izv. Vses. geog. ob-va 100 no. 2:139-143 '68.

911471.4)—Central and lower Volga regions

- Geochemical characteristics of sands in the lower Volga Valley as related to their utilization in agriculture. V. F. Shubin and others. Izv. Vses. geog. ob-va 100 no. 2:109-115 '68.

911478)—White Russian S. S. R.

- Zhuchkevich, V. A. [Toponymy of White Russia] Toponimika Belorussii. Minsk, "Nauka i tekhnika," 1968, 184 p.

911477)—Ukrainian S. S. R.

- Geomorphology of the Vorokla Valley. V. I. Galitskii. Izv. Vses. geog. ob-va 100 no. 2:143-146 '68.

911478)—Moldavian S. S. R.

- Medicogeographical studies in the Moldavian S. S. R. E. S. Pol'dun. Izv. Vses. geog. ob-va 100 no. 2:162-166 '68.

911571)—Asiatic R. S. F. S. R.

- [Scientific quests in modern geography. (Materials of the Second Conference of Young Geographers of Siberia and the Far East) Nauchnyi polsk v sovremennoi geografii. (Materialy 2-i konferentsii molodykh geografov Sibiri i Dal'nego Vostoka). [Irkutsk] Vostochno-Sibirskoe kn. izd., 1966, 231 p.

911571.6)—Soviet Far East

- [Scientific quests in modern geography. (Materials of the Second Conference of Young Geographers of Siberia and the Far East) Nauchnyi polsk v sovremennoi geografii. (Materialy 2-i konferentsii molodykh geografov Sibiri i Dal'nego Vostoka). [Irkutsk] Vostochno-Sibirskoe kn. izd., 1966, 231 p.

911575.2)—Kirghiz S. S. R.

- Ancient shorelines in the western Issyk-Kul' Depression. I. G. Bondarev. Izv. Vses. geog. ob-va 100 no. 2:137-139 '68.

911591)—Burma

- Kurakova, L. I. [Burma. Natural regions and landforms] Birma. Prirodnye raiony i landshafty. Moskva, "Mysl'," 1967, 270 p.

9116)—South America

- Basic regions of banana growing in Ecuador. B. A. Rukhlenko. Izv. Vses. geog. ob-va 100 no. 2:174-180 '68.

912 Maps, atlases, globes, etc.

9125)—Asia

- A map of the world: the states of Asia. Meridinnar. zhizn. 15 no. 7:147-150 '68.

912597.3)—South Vietnam

- What the map of South Vietnam tells us. I. Aleksandrov. Agitator no. 1:60-62. M., '68.

914 Modern geography

- [The Earth and people. 1968] Zemlia i ljudi. 1968. [Moskva, "Mysl'," 1967]. 303 p.

914471.6)—Ural regions

- [The Urals and the Ural Mountain region] Ural i Priural'e. Moskva, "Nauka," 1968, 401 p.

914478.25)—Armenian S. S. R.

- Geographical sciences in Soviet Armenia: results of work, prospects for development. A. B. Bagdasarian. Izv. AN Arm. SSR. Nauka o zemi. 20 no. 3:6:119-128 '67.

92 BIOGRAPHY

—Alvaz'ian, V. G.

- Vartan Georgievich Alvaz'ian's 60th birthday. Olds. stol. 37 no. 1:62. Ja '67.

—Akodia, M. M.

- Professor M. M. Akodia: on his 80th birthday. Elektrichestvo no. 2:90. F '68.

- Altshuler, L. B.
I. B. Altshuler, obituary. *Mir, ekonomika i mezhdunar. otn.* no. 4 195-157 '68.
- Andreev, K. K.
Konstantin Konstantinovich Andreev; obituary. *Trudy MKITFI* no. 53 368-375 '67.
- Babko, A. K.
Anatoli Kirillovich Babko; obituary. *Zav. lab.* 34 no. 3 320-381 '68.
- Bakhtchivandzhil, G.
Girgoris Bakhtchivandzhil. *Kryl. rod.* 19 no. 1-17 Mr '68.
- Bardin, I. P.
Bardin, I. P. [Selected works] *Izbrannye trudy*. Moskva, "Nauka," T. 2, 1989, 267 p.
- Bavrukevich, A. A.
Aleksel Alekseevich Bavrukevich; obituary. *Koks. i khim.* no. 2:63 '68.
- Baranov, P.
Winged guardian, D. Zemlianikil. *Kryl. rod.* 16 no. 3: 4-5 Mr '68.
- Belinskii, V. G.
Nechayeva, V. S. [V. G. Belinskii. Life and work, 1842-1848] V. G. Belinskii, *Zhizn' i tvorchestvo, 1842-1848*. (Moskva), "Nauka," 1967, 526 p.
- Berezin, S. I.
Sergei Ivanovich Berezin; on his 60th birthday. *Elek. sta.* 30 no. 6:93 Je '68.
- Beschinskii, A. A.
Anatoli Arkad'evich Beschinskii's sixtieth birthday. *Gidr. stroit.* 38 no. 12:43-44 U '67.
- Bolotov, P. S.
Unfading youth. I. Ignashev. *Kryl. rod.* 19 no. 5:7-8 My '68.
- Bräuninger, I. A.
Luster of the golden star. I. Stitula. *Sov. shakht.* 15 no. 12:7 D '68.
- Bretlerman, A. D.
Aleksandr Davydovich Bretlerman; obituary. *Izv. Vses. geog. ob-va* 100 no. 2:167-168 '68.
- Burchinskii, G. I.
Georgii Iosifovich Burchinskii; on his 60th birthday. *Vrach. delo* no. 5:148-150 My '68.
- Burdugov, I. S.
Ivan Semenovich Burdugov; obituary. *Nazved. i otkh. neutr.* 32 no. 12:38 D '66.
- Cheremisinov, N. A.
Nikolai Andrianovich Cheremisinov; on his 60th birthday. *A. I. Fateev, Mik. i topol.* 2 no. 3:267-268 '68.
- Curie, M. S.
Marie Sklodowska-Curie on the centennial of her birth. *Prom. Arm.* 10 no. 2:68-69 '68.
- Denisev, N. A.
Nikolai Iakovlevich Denisev; obituary. *Osn., fund. i mekh. grun.* 8 no. 6:40 '68.
- D'akov, P. P.
In memory of P. P. D'akov; obituary. *Transp. stroit.* no. 5:63 My '68.
- Dobrovolskii, A. E.
A. E. Dobrovolskii; obituary. *TSement.* 33 no. 3:23 My-Je '87.
- Dolgushin, I. A.
I. A. Dolgushin's role in the development of ornithology in Kazakhstan. M. N. Korotkov. *Trudy Inst. zoot. AN Kazakh SSR* 29:5-14 '68.
- Dvoretzki, M. L.
Anniversary of Professor Maksim Iavrovich Dvoretzki. N. O. Murav'eva and others. *Izv. vys. ucheb. zav.; les. zhur.* 11 no. 1:175 '68.
- Efimov, V. A.
Zhuravlev, D. N. [Composer Vasilii Efimov. A biographical sketch] *Kompozitor Vasilii Efimov. Blogr. ocherk*. [Minsk, "Belarus," 1967] 75 p. (Khudozh. sanodelatel'nost')
- Engels, F.
Vidgop, L. N., and I. A. L. Sukhotin. [Great and touching friendship. Pages from the lives of Karl Marx and Friedrich Engels] *Druzhiba velikala i trogatelnata. Stranichki iz zhizni Karla Marksa i Fridrikha Engela*. (Moskva) "Mol. gvardia," 1987, 188 p.
- Evikhiev, I. I.
Professor I. I. Evikhiev's 80th birthday. *Sov. gos. i prav. na. 6:146 Je '68.*
- Fedorov, S. A.
Sergei Alekseevich Fedorov; obituary. *Shakht. stroit.* 12 no. 3:31 Mr '68.
- Feringer, B. P.
Boris Pavlovich Feringer; 60th birthday. M. F. Skladnev, G. O. Levit. *Gidr. stroit.* 38 no. 5:62-63 My '68.
- Fleishils, E. A.
The 80th birthday of E. A. Fleishils, a meritorious scholar of the U. S. S. R. *Sov. gos. i prav. na. 6: 147 Ju '68.*
- Galkin, V. V.
Family pride. L. Kalzaeva. *Sov. shakht.* 15 no. 12:8 D '65.
- Gamaleia, N. F.
Milenushkin, I. I. N. F. Gamaleia. Moskva, "Meditsina," 1987, 72 p. (Nauch. popul. med. literatura).
- Gammerman, A. F.
Scientific research work of Professor A. F. Gammerman. *Trudy Len. khim.-farm. inst.* 24:6-9 '67.
- Ganiev, M. K.
Atrapetova, R. A., and E. A. Alieva. [M. K. Ganiev. Bibliography] M. K. Ganiev. *Bibliografiya*. Nauka, Izd. AN AzSSR, 1967, 120 p. (Detseli nauki i kul'tury Azor-batdzhana).
- Gaven, V. P.
Baranchenko, V. E. Gaven. Moskva, "Mol. gvardia," 1987, 169 p. (Zhizn' zamechatel'nykh budol. Seriya biografiy. Vyp. 16 (440)).
- Gerhardt, C.
Faershtein, M. G. [Charles Gerhardt, 1816-1858] *Shari' Zherar*. 1816-1858, Moskva, "Nauka," 1968, 163 p. (Nauch.-biogr. seriya).
- Gerts, G.
Grigor'ian, A. T., and A. N. Vial'teev. *Genrikh Gerts, 1857-1894*. Moskva, "Nauka," 1968, 309 p. (Nauch.-biogr. seriya).
- Gil'man, L. S.
Lazar' Solomonovich Gil'man; obituary. *Stroi. mekh. i rasch. sour.* 3 no. 2:51 '67.
- Glere, R. M.
[Theinhold Moritsovich Glere. Articles. Reminiscences. Material] Reingold's Moritsovich Glere. *Shari' Vos-pominaniya. Materialy*. [Leningrad, "Muzyka"] T. 2, 1967, 352 p.
- Gol'dshein, B. I.
B. I. Gol'dshein; an obituary. *Ukr. biokhimi. zhur.* 40 no. 2:222-223 '68.
- Gorbachev, V. M.
Vasilii Mikhailovich Gorbachev (1903-1958). The 10th anniversary of his death. N. I. Chudakova, I. I. Chudakova. *Rast. res.* 4 no. 2:289-290 '68.
- Graftio, G. O.
Academician Genrikh Osipovich Graftio; obituary. *S. Sharker. Elek. sta.* 39 no. 6:94 Je '68.
- Grigorian, L. G.
Levan Grigor'evich Grigorian's sixtieth birthday. *Gidr. stroit.* 38 no. 12:44 D '67.
- Homer, K.
Kamil Hemmer; obituary. *Zhur. zevi. i psikh.* 68 no. 2: 316 '68.
- Iakovlev, N. N.
Ninety-fifth birthday of Nikolai Nikolaevich Iakovlev, oldest member of the Geological Committee of the All-Union Scientific Research Institute. Corresponding Member of the Academy of Sciences of the U. S. S. R. V. P. Nekhoroshev. *Trudy VSEGEI* 143:5-10 '68.
- Iakovskii, D. M.
R. M. Iakovskii, 1894-1967; obituary. *Vest. LGU* 23 no. 10:155 My '68.
- Il'in, M. M.
In memory of Modest Mikhailovich Il'in, the anniversary of his death. A. A. Fedorov. *Ist. res.* 4 no. 2:289-288 '68.
- Ionesco, Eugenio
Mikheeva, A. N. [When rhinoceroses walk the stage... The theater of the absurd of Eugenio Ionesco] *Kogda po stazhe khodiat nosorogi... Teatr absurda. Ezhenia Ionesko*. Moskva, "Iskusstvo," 1987, 176 p.
- Jenenko, N. F.
Sword and shield... N. Shuchkin. *Kryl. rod.* 19 no. 3: 3 Mr '68.
- Isakov, I. S.
In memory of Ivan Stepanovich Isakov. *Okeanologiya* 8 no. 1:173-174 Ju-F '68.
- Kapler, A. I. A.
Kapler, A. I. A. [Years, screenplays, films... Gody, selenarii, fil'my... Moskva, 1980]. 66 p. (Izobrazitel'no tvorcheskoe puti).
- Karzinkin, S. I.
S. I. Karzinkin, L. Afanas'ev and others. *Avt. izobraz.* 46 no. 3:61 Mr '68.
- Kaulsky, K.
Leonov, F. D., and F. I. Opalkhin. [V. I. Lenin's book "Proletarian revolution and Kaulsky, the renegade"] *O knige V. I. Lenina "Proletarskaya revoliutsiya i renegat Kaulskii"*. Moskva, Izd. polit. lit-ry, 1968, 84 p. (Konsul'tant po istorii KPSS).
- Khanzhukov, V. I.
They should obey the ruler. I. Chulko. *Izdel. i res.* no. 1:10-18 '68.
- Khuzol'nitskaya, A.
Life, dreams, the sky. D. Vasina. *Kryl. rod.* 18 (16-17) no. 1:14-15 Ju '68.
- King, M. I.
The Memphis crime. I. Mikhon. *Mezhdunar. sluzh.* 13 no. 5:110-120 '68.
- Kirov, S. M.
Kosirikova, A. M., and E. M. Kosirikova. [It happened in Urzumi. Reminiscences about S. M. Kirov] *Na chuz' v Urzumi. Vospominaniya o S. M. Kirove*. [Moskva], Voiko-Vin, kn. izd., 1967, 108 p.
- Kirov, S. M.
[One hundred pages about Kirov. Photographs, documents. Commentaries] *Sto stranits o Kirove*. Fotogr. dok. i koment. [Moskva, Politizdat, 1967] 139 p.
- Kizilgorodskii, I. I.
Creative activity of Professor Iosif Iosifovich Kizilgorodskii. N. M. Pavlushkin. *Trudy MKITFI* no. 50:5-9 '65.
- Klimeson, R. E.
Robert Edmundovich Klimeson, on the 10th anniversary of his birth. *Energetik* 16 no. 3:3-5 I '60.
- Kolenkov, V. A.
V. A. Kolenkov; obituary. *TSement.* 33 no. 3:21 I-Je '67.
- Kollontai, A. M.
Turning over the pages of history. M. Gerasimov. *Elek. sta.* 43 no. 4:10-12 Ap '68.
- Korotkaya, L. A.
Leonid Alekandrovich Korotkaya; on his 70th birthday. *Vop. neirofiziol.* 31 no. 1:62-63 Ju-I '67.
- Korotkov, S. P.
Thus began the pathway to the stars. G. Il'in. *Elek. sta.* 10 no. 3:13 Mr '60.
- Korotkii, M. F.
Mikhail Fedorovich Korotkii; obituary. *Gidr. stroit.* 38 no. 8:62 Ag '68.
- Korutkov, G. V.
In memory of Georgii Vasil'evich Korutkov. *Prom. Arm.* 10 no. 10:61 O '66.
- Korovin, L.
Road of the masters. A. Vinokurov. *Kryl. rod.* 19 no. 3: 15 Mr '68.
- Koskov, K. M.
K. M. Koskov; on his 60th birthday. *Radioelektronika* 23 no. 7:110 '68.
- Kostor, S. V.
Pohrebina'sky, M. D. Stanislav Vlasovitch Kostor. Kyiv, Polityvnyi Ukrainy, 1967, 300 p. (Istoriya velyku upravu).
- Kozin, N. I.
Professor Nikolai Ivanovich Kozin; on his 60th birthday. *Vop. pil.* 27 no. 1:89-96 Ju-F '60.
- Kroin, M. G.
Mark Grigor'evich Kroin; on his 60th birthday. *Izv. mat. nauk*, 23 no. 3:107-214 My-Je '68.
- Kropotkin, P. A.
An offer to P. A. Kropotkin to head the Department of Geography of Moscow University. N. P. Krasner. *Izv. Vses. geog. ob-va* 100 no. 2:171-174 '68.
- Kulakov, N. K.
60th anniversary of Nikolai Konstantinovich Kulakov. *Koks. i khim.* no. 2:68 '68.
- Kuprovich, V. F.
To the 70th birthday of V. F. Kuprovich, Corresponding Member of the Academy of Sciences of the U. S. S. R., President of the Academy of Sciences of the White Russian S. S. R. M. A. Litvinov. *Mik. i topol.* 1 no. 2:184-186 '67.
- Lebedev, B. P.
Boris Pavlovich Lebedev; on his 60th birthday. *Elek. sta.* 39 no. 3:94 Mr '68.

—Lebedinskii, A. I.

Aleksandr Ignat'evich Lebedinskii; obituary. *Geniz.* St. I. no. 18:184-105 '68.

—Lenin, V. I.

Lenin is always with us. N. M. Shvernik. *Okhr. truda i zashch. zdr.* 11 no. 4:5-6 Ap '68.

Lenin, V. I. [Last letters and articles. December 23, 1922-March 2, 1923]. Poslednie pis'ma i stat'i. 23 dek. 1922-2 marta 1923 g. Moskva, Politizdat, [1967] 71 p. Moscow on the eve of Lenin's anniversary; preparatory measures for the 100th anniversary of V. I. Lenin's birth. *Part. zhizn'* no. 17:15-21 S '68.

[Places associated with Lenin in Siberia] Leninskii mesta v Sibiri. Sostavitel' V. L. Rurova i S. I. Ezhova. Avt. tekst E. Varlan'yan. [Moskva, "Sov. Rossiia," 1967]. 69 p. [In Russian, English, German, and French] Towards Lenin's anniversary. *Part. zhizn'* no. 17:64-65 S '68.

Under the Lenin Banner. *Okhr. truda i zashch. zdr.* 11 no. 4:3-4 Ap '68.

V. I. Lenin as member of Samara and St. Petersburg bar associations. O. Tepler. *Sov. iust.* no. 8:5-8 Ap '68.

V. I. Lenin on the supply organization of the national economy. D. Ignat'ev, B. Iakovlev. *Mat. tekhn. snabzhen.* 3 no. 4:1-9 Ap '68.

V. I. Lenin's struggle against mismanagement. *Sov. iust.* no. 8:1-2 Ap '68.

—Levi, I. I.

Ivan Ivanovich Levi; obituary. *Izv. VNIIG* 70:270-273 '68.

—Levitkain, M. A.

In memory of Mariia Afanas'ovna Levitkain. A. N. Iatyshev. *Usp. fiz. nauk* 95 no. 2:309 '68.

—Loshchilin, P. I.

Petr Ivanovich Loshchilin; obituary. *Volgod., vod. rezh. i khimkont. na petroil. unt.* no. 2:214 '68.

—Maiser, O.

Otto Maiser; obituary. *Giofiz. bul.* no. 18:109-107 '68.

—Mat'isev, A. I.

Astolikh Ivanovich Mat'isev; obituary. P. S. Aleksandrov and others. *Usp. mat. nauk*, 23 no. 3:159-170 My '68.

—Maslov, I. M.

Ivan Ilyich Maslov; obituary. V. V. Grishin and others. *Mat. tekhn. snabzhen.* 3 no. 4:95 Ap '68.

—Mao Tse-tung

Revised theory of philosophy; philosophical features of the "Ideas of Mao Tse-tung." A. Godel. *Nauch. dokl. vyss. shkoly; filoz. nauki* 11 no. 3:127-147 '68.

—Markov, M. A.

Mikhail Aleksandrovich Markov; on his 60th birthday. A. M. Haidin, A. A. Komar, E. L. Polnberg. *Usp. fiz. nauk* 95 no. 2:383-384 '68.

—Marx, K.

Karl Marx about transportation and waterways. F. Noetorik. *Rech. transp.* 27 no. 3:4-6 My '68.

Vidgop, L. N., and I. A. Sukhotin. [Great and touching friendship. Pages from the lives of Karl Marx and Friedrich Engels] Druzhba volkala i trogatel'naya. Stranichki iz zhizni Karla Marksa i Fridrikha Engela. [Moskva] "Mol. gvardiia," 1967. 188 p.

—Moore, T.

Vargshavskii, A. S. [The man who was ahead of his times. Thomas Moore. A brief study of his life and work] O predvishchii vranila. Tomas Mor. Ochark zhizni i delatel'nosti. Moskva, "Mol. gvardiia," 1967. 141 p. [Pioneer - znachit' pervyi. Vyp. 5].

—Nagoritsyn, I. A.

This was in the 1920's... *Sole, obesp.* 43 no. 4:12-16 Ap '68.

—Netman, M. B.

Mikhail Borisovich Netman; obituary. *Vysokom. sood. Sor. A* 10 no. 6:1445-46 Je '68.

—Nesterov, V. S.

Vladimir Stepanovich Nesterov; on his 70th birthday. *Vrach. delo* no. 6:160-161 My '68.

—Novinzheki, I. Kh.

I. Kh. Novinzheki; on his 70th birthday. *Radiotekhnika* 23 no. 6:100-110 My '68.

—Ogorodnikov, N. A.

Nikolai Aleksandrovich Ogorodnikov; obituary. *Gidr. stroit.* 36 no. 9:92 Ag '68.

—Osklin, G. D.

Sword and shield... N. Situchkin. *Kryl. rod.* 10 no. 3:3 Mr '68.

—Panteleev, V. N.

Vasilii Nikolaevich Panteleev; obituary. *Lit. protzv.* no. 5:46 My '68.

—Petrovskii, A. B.

Andrei Borisovich Petrovskii; obituary. *Cor. zhur.* 143 no. 4:78 Ap '68.

—Popkov, V. I.

Academician Valerii Ivanovich Popkov; on his 60th birthday and the 35th anniversary of his scientific work. *Elektrichesk.* no. 2:69 F '68.

Academician Valerii Ivanovich Popkov; on his 60th birthday. B. K. Aleksandrov and others. *Izv. AN SSSR. Energ. i transp.* no. 1:155-157 Ja-F '68.

—Pozharitskii, K. L.

Konstantin Leopoldovich Pozharitskii. *Sov. geol.* 11 no. 2:151-152 F '68.

—Raulenshtein, I. A.

Iakov Iakovich Raulenshtein; on his 70th birthday. *Mikrobiologiya* 37 no. 2:375 Mr-Apr '68.

—Rogitskii, S. A.

Stanislav Andreovich Rogitskii, 1894-1965, obituary. *Trudy Ural. politekh. inst.* no. 158:173-177 '67.

—Rogov, I. V.

A person well trained in politics makes an outstanding political worker; from memoirs. L. N. Purnik. *Mor. sbor.* 51 no. 3:55-57 Mr '68.

—Romanidin, V. P.

Vitalii Petrovich Romanidin; on his 70th birthday. *Topoenergika* 15 no. 5:95 My '68.

—Rozanov, M. P.

In memory of M. P. Rozanov (1861-1965). E. I. Puzanov. *Biol. MOIP. Otd. biol.* 72 no. 6:136-137 N-D '67.

—Rozhin, V. P.

V. P. Rozhin; on his 60th birthday. G. N. Kuzhkov. *Vest. I. CU* 23 no. 5:159-160 Mr '68.

—Rusakov, M. G.

M. G. Rusakov; obituary. *Kozh. obuv. prom.* 10 no. 3:83 Mr '68.

—Segal, A. I.

Aleksandr Isidovich Segal; obituary. *Siroi. mekh. i rosch. suv.* 0 no. 2:52 '67.

—Serebriakov, M. V.

M. V. Serebriakov's works in the field of sociology and the history of philosophy. V. I. Kuzhin, V. M. Zverev. *Nauch. dokl. vyss. shkoly, filoz. nauki* 11 no. 3:122-128 '68.

—Serebrianyi, R. V.

Rudolf Ventianovich Serebrianyi; obituary. *On.* And. i mekh. grun. 8 no. 6:3 ol cover '68.

—Serov, V. V.

Vitalii Vlaslavovich Serov; biography. N. A. Toropov, D. V. Volkonekii. *TSemenl.* 33 no. 3:12-13 My-Je '67.

—Shatalov, E. T.

Sixtieth birthday of E. T. Shatalov. *Sov. geol.* 11 no. 3:113-116 Mr '68.

—Shevchenko, V. N.

Vasilii Nikolaevich Shevchenko; on his 70th birthday. Z. A. Pozhar. *Mik. i topol.* 2 no. 3:265-267 '68.

—Shiria, D. V.

David Vokhovich Shiria; obituary. *Razved. i okh. nebr.* 32 no. 10:62 O '68.

—Shulnikov, A. D.

Arsenii Vladimirovich Shulnikov. M. I. L'vovich and others. *Izv. Vses. goos. ob-va* 100 no. 2:187-188 '68.

—Slukhov, V. G.

Master of optimum solutions. G. Smirnov. *Izobr. i res.* no. 11 34-38 '67.

—Shumilovskii, N. N.

N. N. Shumilovskii; obituary. *Pril. i stat. upr.* no. 12:59 D '67.

—Sinnakovskii, I. R.

Iosif Benislavovich Sinnakovskii; obituary. *Sov. bibl.* no. 5:76 '67.

—Skazkin, F. D.

In memory of Fedor Danilovich Skazkin (Nov. 22, 1900-Jan. 20, 1963). P. Genkel'. *Fiziol. rast.* 15 no. 3:581-583 My-Je '68.

—Skobal'chik, V. F.

V. F. Skobal'chik; on his 70th birthday. *Kryl. rod.* 16 Il. o. 10] no. 1:4 Ja '68.

—Sokolov, D. S.

Dmitrii Sergeevich Sokolov; obituary. *Gidr. stroit.* 36 no. 8:63 Ag '68.

—Sokolov, N. I.

Professor N. I. Sokolov; on his 60th birthday. *Elektrichesk.* no. 3:89 Mr '68.

—Sokolov-Andronov, D. M.

Boris Mikhailovich Sokolov-Andronov; on his 70th birthday. *Flek. sta.* 39 no. 8:84 Ag '68.

—Solov'ev, A. A.

A. A. Solov'ev; an obituary. *Biul. eksp. biol. i med.* 65 no. 4:126 Ap '68.

—Somov, M. M.

Sixtieth birthday of M. M. Somov. L. L. Balakshin. *Intorm. biul. Sov. snark. eksp.* no. 87:77-80 '68.

—Storeichenko, P. A.

A whole life's work. M. I. vov. *Kryl. rod.* 19 no. 8:12-13 Je '68.

—Strakhov, I. P.

60th anniversary of I. P. Strakhov. *Kozh. obuv. prom.* 10 no. 3:62-63 Mr '68.

—Strauman, F. I.

In memory of Fedor Ignatovich Strauman (1902-1967). L. F. Kuzarenko. *Vest. zool.* 2 no. 2:92-93 Mr-Apr '68.

—Surovisev, V. P.

V. P. Surovisev's 65th birthday. *Stek. i ker.* 25 no. 5:46-47 My '68.

—Sviridenko, P. A.

Pavel Alekseevich Sviridenko; on his 75th birthday. L. L. Girenko. *Vest. zool.* 2 no. 2:89-91 Mr-Apr '68.

—Talanov, P. I.

Petr Ivanovich Talanov; on the 70th anniversary of his birthday. *Lit. protzv.* no. 5:46 My '68.

—Ternugov, E. A.

In memory of E. A. Ternugov. *Vop. neitcklit.* 32 no. 2:61 Mr-Apr '68.

—Thadden von, A.

"Adolph the second" and company. T. Ievleva. *Mezhdunar. zhizn'* 15 no. 5:120-131 '68.

—Timiriachev, K. A.

On the 125th anniversary of the birth of K. A. Timiriachev. P. Genkel'. *Fiziol. rast.* 15 no. 3:397-401 My-Je '68.

—Torbiek, V. N.

He marches in formation as though still alive. M. Vozyrevskii. *Kryl. rod.* 19 no. 8:3-4 Je '68.

—Tsoglin, M. E.

Mikhail Emmanuilovich Tsoglin; obituary. *Kok. i khim.* no. 4:93 '68.

—Tshukernik, L. V.

Lev Veniaminovich Tshukernik; on his 60th birthday. *Elektrichesk.* no. 3:50 Mr '68.

—Tsysova'ski, O.

Danilov, Teodor. [Founder of the Plast. (On Professor Oksandr Tsysova'ski's 80th birthday)] Osnovopolozhnik Plastu. (Do 80-ricchicia z dnia narodzhennia profesora dra Oksandra Tsysova'koho). Munich, "Mofode zhylia," 1968. 46 p.

—Umiklan, A. D.

Aleksandr Ivanovich Umiklan; obituary. *Sov. bibl.* no. 5:70 '67.

—Vadantsov, B. N.

Youth of a Soviet scientist. N. P. Khodokova. *Tsui i put. khoz.* 12 no. 4:38-40 '68.

—Vakman, S. A.

Selman A. Vakman; on his 80th birthday. *Mikrobiologiya* 37 no. 3:574-576 My-Je '68.

—Vavilov, N. I.

N. I. Vavilov and some problems of phytopathology; on the 80th anniversary of his birth. M. N. Gorlenko. *Mik. i topol.* 2 no. 3:283-285 '68.

Nikolai Ivanovich Vavilov. Vstupl. stat'ia A. A. Fedorova. Bibliogr. soot. R. I. Gorischevoi i L. M. Zhukovoi. Moskva, "Nauka," 1967. 130 p. (Materialy k biobibliografii uchennykh SSSR. Sorita biol. nauk. Genetika. Vyp. 1).

—Vorob'ev, A. N.

Path toward glory. V. Babysko. *Sov. shakht.* 15 no. 12:5-10 D '68.

—Vostretsov, B. A.

Boris Afanas'evich Vostretsov; obituary. S. A. Gail'pern, A. A. Gonchar, M. A. Kreines. *Usp. mat. nauk.* 23 no. 3:223 My-Je '68.

—Wenting Melnes, F. A.

F. A. Wenting Melnes; obituary. *Giofiz. bul.* no. 18:106-109 '68.

—Wessin, E.

General Wessin back on the scene. A. Gramolov. *Mezhdunar. zhizn'* 15 no. 5:126-127 '68.

—Zhikharev, E. A.

Evgonii Aleksandrovich Zhikharev; obituary. *Vest. AN SSSR. Ser. fiz., tekhn. nav.* no. 1:131-132 '65.

—Zhielin, S. G.

Samuil Grigor'evich Zhielin; obituary. *Zhur. nevr. i psikh.* 68 no. 2:315-318 '68.

—Zhukov, A. I.

Teacher of heroes. N. Shimanov. *Kryl. rod.* 19 no. 3:23 Mr '68.

929.0 Flags. Standards

Legends about the Red Banner. F. Svechnikov. Agitator no. 9-27-29. My '68.

93 HISTORY

930 Historical sciences. Historical research. Collateral and auxiliary sciences

Krasnolazskii gosudarstvennyi pedagogicheskii institut. [Reports of a scientific conference. (Series of history and philology). Doklady nauchnoi konferentsii. (Seria istoriko-filologicheskai). [Krasnolazsk] Krasnolazskoe kn. izd., 1966. 149 p.

Proshchinskii, A. P. [The use of auxiliary historical fields in the study of sources. A methodological textbook for correspondence students of historical faculties of universities.] Ispol'zovanie vspomogatel'nykh istoricheskikh dissiplin pri rabote nad istochnikami. Ucheb.-metod. posobie dlia studentov-zachetnikov kn. izd. gos. univ.-ta. Moskva, izd. Mosk. univ.-ta, 1967. 68 p.

[Soviet historiography on the class struggle and the revolutionary movement in Russia] Sovetskaiia istoriografiia klassovoi bor'by i revoliutsionnogo dvizheniia v Rossii. Otv. red. V. A. Ovsiankin. Leningrad, Izd. Leningr. univ.-ta. 2. 1967. 184 p.

939 History as a science. Theory. Philosophy

Objective laws of history and public activity. V. I. Mishin. Nauch. dokl. vys. shkoly. Filos. nauki II no. 3:35-43 '68.

930.2 Method. Study of sources

[Archaeographic yearbook for 1966] Arkheograficheskii ozhegodnik za 1966 god. Moskva, "Nauka," 1968. 455 p.

930.25 Archives. Public records

930.25 (471.341)—Gorky Province

[Guidebook to the collections of the State Archives of Gorky Province and their branch in Arzamas] Putevoiitell' po fondam Gosudarstvennogo arkhiva Gor'kovskoi oblasti i ego filiala v Arzamas. [Gor'kii] Volgovo-Vlatskoe kn. izd., 1967. 485 p.

930.26 Archaeology. Antiquities

930.26 (574)—Kazakh S.S.R.

[New developments in the archaeology of Kazakhstan] Novoe v arkheologii Kazakhstana. Almaty, "Nauka," 1968. 180 p.

930.9 General history. World history

Kortman, L. E. [Pulse of the epoch. History] Pul's epukh. Istoria. Pervoi, Kn. izd., 1967. 37 p.

Tul'skii pedagogicheskii institut. [Studies. Historical sciences] Uchenyye zapiski. Ist. nauki. Tula, 1967. 189 p.

94 Medieval and modern history

Christians in the tenth century. K. V. Semov. Brat. vest. no. 2:54-67 '68.

Srody, K. F. [Regional studies] Kraevedenie. Moskva, "Prosvetshenie," 1967. 144 p.

94(4)—Europe

[Recent history of foreign countries. Europe and America. 1917-1945] Novoiishina istoriia zarubezhnykh stran. Evropa i Amerika. 1917-1945. [Izd. 2-o, dop. i pere-rabot.] Moskva, "Prosvetshenie," T. 1. 1967. 543 p.

94(4)—United States of America

Varshavskii, A. S. [The man who was ahead of his times. Thomas Moore. A brief study of his life and work] Ocheredivaiit vremia. Tomas Mor. Ocherk zhizni i delatelnosti. Moskva, "Mol. gvardia," 1967. 141 p. (Pionir — znachit pervyi. Vyp. 5).

94(477)—Ukrainian S.S.R.

The Kviki vanguard. V. Tishchenko. Komm. Ukr. 42 no. 6:22-30. Jo '68.

94(497.2)—Bulgaria

[Liberation of Bulgaria from the Turkish yoke. Documents. In three volumes] Osvobodzhenie Bolgarii ot turetskogo iiga. Dokumenty. V 3-kh t. Pod red. S. A. Nikitina i dr. Moskva, "Nauka,"

T. 3. [The struggle of Russia and the Bulgarian people for the establishment of the Bulgarian state. 1878-1879] Bor'ba Rossii i bolgarskogo naroda za sozdanie Bolgarskogo gosudarstva. 1878-1879. 1967. 678 p.

94(498)—Romania

[History of the Moldavian S.S.R. In two volumes] Istoria Moldavskoi SSR. V 2-kh t. Izd. 2-o, pere-rabot. i dop. Kishinev, "Karta moldoveniaske."

T. 2. [From the Great October Socialist Revolution to our time] Ot Velikoi Oktiabskoi sotsialisticheskoi revoliutsii do nashikh dnei. Otv. red. S. P. Trapeznikov. 1968. 814 p.

94(589)—Turkey

[Liberation of Bulgaria from the Turkish yoke. Documents. In three volumes] Osvobodzhenie Bolgarii ot turetskogo iiga. Dokumenty. V 3-kh t. Pod red. S. A. Nikitina i dr. Moskva, "Nauka,"

T. 3. [The struggle of Russia and the Bulgarian people for the establishment of the Bulgarian state. 1878-1879] Bor'ba Rossii i bolgarskogo naroda za sozdanie Bolgarskogo gosudarstva. 1878-1879. 1967. 678 p.

94(7)—North America

[Recent history of foreign countries. Europe and America. 1917-1945] Novoiishina istoriia zarubezhnykh stran. Evropa i Amerika. 1917-1945. [Izd. 2-o, dop. i pere-rabot.] Moskva, "Prosvetshenie," T. 1. 1967. 543 p.

94(73)—United States of America

Mal'kov, V. L., and D. G. Nidzhafov. [America at the crossroads. A study of the sociopolitical history of the "New deal" in the U.S.A.] Amerika na pereput'e. Ocherk sotsial'no-polit. iatrell "novego kursa" v SSHA. Moskva, "Nauka," 1967. 228 p.

94(8)—South America

[Recent history of foreign countries. Europe and America. 1917-1945] Novoiishina istoriia zarubezhnykh stran. Evropa i Amerika. 1917-1945. [Izd. 2-o, dop. i pere-rabot.] Moskva, "Prosvetshenie," T. 1. 1967. 543 p.

940.83 History of World War II, 1939-1945

At the Kinsk Bulge. N. Denisov. Av. i kosm. no. 7:21-23

At the Kinsk Bulge. N. Denisov. Av. i kosm. no. 7:21-23. 27. 11 '68.

Chernyi, I. K. [The information is trustworthy] Dannye dostovery. Moskva, Voenizdat, 1968. 317 p. (Voen. muzei).

Chernov, S. I. [Letters to the living] Pis'ma k zhivym. Almaty, "Kazakhstan," 1968. 143 p.

The contribution strategy. N. G. Pavlovskii. Nov. vrem. 26 no. 3:6-8. Ag '68.

Friendship born in the year 1942. N. Sapronov. Neftianik 13 no. 5:6-8. My '68.

A friendship tested by time: an article dedicated to the national celebration of Czechoslovakia's People's Day on May 5. B. Lelchinskii. Agitator no. 6:14-15. My '68.

He marches in formation as though still alive. M. Voznyrevskii. Kryl. rod. 10 no. 6:3-4. Je '68.

In his work as well as in battle. V. Kozlov. Neftianik 13 no. 5:10-11. My '68.

May, the month of significant dates. Neftianik 13 no. 5:3. My '68.

My frontline friends. S. Kabanenka. Kryl. rod. 10 no. 6:10-11. Ja '68.

Nagornyi, A. F., and V. V. Travkin. [Heroes warriors of Vladimir Province. Sketches of the heroes of the Soviet Union] Zemli Vladimirskoi bogatyri. Ocherki o Geroinakh Sovetskogo Soiuza. Vozhskoe kn. izd., 1967. 430 p.

No peasant! N. G. Medvedevskii. Mor. sbor. 61 no. 2:31-40. T '68.

Pages of courage. N. Dalakin. Kryl. rod. 10 no. 2:12. F '68.

Plots of the Black Sea Fleet in battles for the Caucasus: from memoirs. R. D. Denisov. Mor. sbor. 51 no. 3:57-61. Je '68.

The road of life: from memoirs. E. K. Smirnov. Mor. sbor. 59 no. 5:21-28. My '67.

Smirnov, M. K. [Sailors defend the motherland] Matrosov zashchitali Rodinu. 2-o dop. i ispr. izd. Moskva, Politizdat, 1968. 248 p.

Story of five decorations. G. Soslovskii. Neftianik 13 no. 5:9-10. My '68.

Their glory will never fade. E. Lagodinskii. Rech. transp. 27 no. 5:46-47. My '68.

They were flying in order to win. A. Semenov. Av. i kosm. no. 7:77-79. Ji '68.

This is how our commander was. A. Vinogradov. Av. i kosm. no. 7:84-85. Ji '68.

Two hundred flaming days. Dvesti ognennykh dnei. Moskva, Voenizdat, 1968. 610 p.

940.53(471.232)—Leningrad City

Commander of an international squadron. M. L'vov. Kryl. rod. 18 no. 1:1-2. Ja '68.

940.53(471.31)—Moscow Province

The glorious traditions of Moscow environs: the anniversary year. A. Gogolev. Agitator no. 9:45-50. My '68.

940.53(471.326)—Tashkent Province

Everything for the frontier and the victory. Sov. potreb. koop. 12 no. 2:6-7. 1 '68.

940.53(471.62)—Krasnodar Territory

Battle over Kuban. Kryl. rod. 10 no. 6:6-7.

940.53(476)—White Russian S.S.R.

[Fighting as one man] Kak odin chelovek. My 55 p. (B-chka gaz. "Nolas Rodziny").

940.53(477)—Ukrainian S.S.R.

The Kviki vanguard. V. Tishchenko. Komm. Ukr. no. 6:22-30. Je '68.

[The Ukrainian S.S.R. during the Great Patriotic War of the Soviet Union in 1941-1945 in three volumes] Ukraina SSR v Velikoi Vichyznaniit vlnkohe Soluzu 1941-1945 rr. v trokh tomakh: gila: 1. D. Nazarenko i dr. Kyiv, Vydav. T. 1. [The Soviet Ukraine during the re-

brecherous aggression of fascist Germany against the U.S.S.R. and preparation of a radical change in the war (June 1941-1942)] Radians'ka Ukraina v perloj vyvolomnogo napadu fashists'koi Nies SSSR i pldolovki umov dlia kontinuuu v vlnit (cherven' 1941 - lystopad 1942 652 p.

940.53(519.3)—Mongolian People's Republic

By the Khatkhin-gol River. V. Buchenkov. K. 18 (l.e. 19) no. 1-4. Ja '68.

947 History of Russia, U.S.S.R.

Dunajova, E. N. [The Decembrists and books] I knigi. Moskva, "Kniga," 1967. 63 p.

CIV

[Fifty years of the Great October Socialist Revolution. Documents and materials] 50 let Velikoi Oktiabskoi sotsialisticheskoi revoliutsii. Dokumenty i materialy. Moskva, Politizdat, 1967. 240 p.

Ioffe, A. E. [Foreign policy of the Soviet Union] Vneishniaia politika Sovetskogo Soiuza 1932 g. Moskva, "Nauka," 1968. 487 p.

[Liberation of Bulgaria from the Turkish yoke. Documents. In three volumes] Osvobodzhenie Bolgarskogo iiga. Dokumenty. V 3-kh t. Pod red. S. A. Nikitina i dr. Moskva, "Nauka,"

T. 3. [The struggle of Russia and the Bulgarian people for the establishment of the Bulgarian state. 1878-1879] Bor'ba Rossii i bolgarskogo naroda za sozdanie Bolgarskogo gosudarstva. 1878-1879. 1967. 678 p.

Role of the agricultural proletariat in the economic development of the Soviet Union in rural regions, 1917-1937. M. I. Uch. zap. Orl'ov. gos. ped. inst. 37:130-147. 31. 11 '68.

Some problems in the organization and work of district committees. A. I. Timoshenko. Vest. 6 no. 5:137-143. My '68.

[Soviet historiography on the class struggle and the revolutionary movement in Russia] Sovetskaiia istoriografiia klassovoi bor'by i revoliutsionnogo dvizheniia v Rossii. Otv. red. V. A. Ovsiankin. Leningrad, izd. Leningr. univ.-ta. 2. 1967. 184 p.

947(471.314)—Vladimir Province

Nagornyi, A. F., and V. V. Travkin. [Heroes warriors of Vladimir Province. Sketches of the heroes of the Soviet Union] Zemli Vladimirskoi bogatyri. Ocherki o Geroinakh Sovetskogo Soiuza. Vozhskoe kn. izd., 1967. 430 p.

947(471.61)—Rostov Province

Belinskii, V. A. [The Don Valley and Russian Revolution]. [n. p. n. d.]

947(477)—Ukrainian S.S.R.

[Economic preconditions of the Great October Revolution. (Based on the materials of the U. Ekonomicheskii poredumovoy Volkoj Zhivnevnykh stychnoi revoliutsii. (Na materialakh Ukrain. "Naukova dumka," 1967. 160 p. (Respublikan. mizhvidonichit naukovi zbryny).

947(478)—Moldavian S.S.R.

[History of the Moldavian S.S.R. In two volumes] Istoria Moldavskoi SSR. V 2-kh t. Izd. 2-o, i dop. Kishinev, "Karta moldoveniaske."

T. 2. [From the Great October Socialist Revolution to our time] Ot Velikoi Oktiabskoi sotsialisticheskoi revoliutsii do nashikh dnei. Otv. red. S. P. Trapeznikov. 1968. 814 p.

947(575)—Central Asia

Kunayina, G. S. [Formation of the proletariat of railroad employees in Turkestan. (1881-1917)] Formirovaniye zheleznodorozhnogo proletariata. (1881-1917 g.) Tashkent, "Fan," 1967.

947.084 History of Russian Revolution, 1917-1920

A combined landing operation. D. N. Ercakov. 51 no. 2:31-34. F '68.

947.084 (Continued)
History's informative pages: a shameful road of betrayal and adventures of the Ukrainian bourgeois nationalists V. Gorskoy, IU. Khamenko. Koinu Ukr. 42 no. 5: 75-82, '68.
In combat with the white guards and interventionists on the Volga. N. E. Bostyl, Mor. shor. 51 no. 2: 25-31, '68.
Internationalist traditions of the October Revolution. I. A. Kopylov. Uch. zap. Orlov gos. ped. inst. 37: 185-201, '67.
Leita, V. I. [Current objectives of the Soviet regime] Otkrytye zadachi Sovetskoi vlasti. Moskva, Politizdat, [1963] 143 p.
Lislov, V. [Educational films of unforgettable days] Klokady nezabyvaemykh dni. Moskva, Bluro propagandy sovetskogo kinoleksusa, 1967. 52 p. (B-ka kazhdeniia).
Maz, M. A. [The time has come...] Hot chas... Moskva, "Znanie," 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Molodezhnala." 4).
The October Revolution and some problems of freedom and necessity. Uch. zap. Orlov gos. ped. inst. 37: 180-187.
The party was the organizer of the Soviet Republic's defense; publisher of the second part of the third volume of "History of the CPSU." L. Nikitina. Agitator no. 3: 7-9. My '68.
Pretrial investigation by the organs of Soviet military justice during the civil war and foreign intervention, 1918-1921. I. A. Muravichenko. Vest. Mosk. un. Ser. 3: Pravo. 23 no. 1: 24-36. 31 Aug '68.
The squadron turned back... I. Petrozhitskii. Kryl. rod. 19 no. 6: 31-32. Jo '68.

947.084(471.311)--Moscow Province

The glorious traditions of Moscow environs: the anniversary year's experiences. A. Gogolev. Agitator no. 3: 49-50. My '68.

947.084(471.34)--Volga-Vynka regions

Zharov, S. P. [The Kama Valley in history] Prikan'ie v ogle. Izdovsk. "Udmurtia," 1967. 114 p.

947.084(471.63)--Slavropol Territory

[Struggle of the working masses for the establishment and consolidation of Soviet rule in Slavropol Territory (1917-April 1921). A collection of documents and materials] Bor'ba trudnielichkoi massy za ustanovlenie i uprochnenie Sovetskoi vlasti na Slavropol'e. (1917-Apr. 1921 gg.) Sbornik dokumentov i materialov. (Izd. 2-e, dop.) Slavropol', Kn. izd., 1968. 246 p.

947.084(571)--Ashkale R. S. F. S. R.

Vasilevskii, V. I., and others. [The struggle for Soviet rule in eastern Transbaikalia] Bor'ba za vlast' Sovetov v Vostochnom Zabaikale. [Irkutsk, Vostochno-Sibirskoe kn. izd., 1967. 364 p.

947.084(571.6)--Soviet Far East

Vasilevskii, V. I., and others. [The struggle for Soviet rule in eastern Transbaikalia] Bor'ba za vlast' Sovetov v Vostochnom Zabaikale. [Irkutsk, Vostochno-Sibirskoe kn. izd., 1967. 364 p.

947.084(574)--Kazakh S. S. R.

Sushenko, M., and I. Usupov, comp. [Participation of the Bulgars in the October Revolution and the civil war. (A collection of documents and reminiscences)] Uchastie bugan v Oktobr'skoi revoliutsii i grazhdanskoi voine. (Sbornik dokumentov i vospominanii). Frunze, 1967. 101 p.

947.084(575)--Central Asia

Some problems in the activity of the Communist Party of Turkistan for the restoration of cotton growing. V. P. Kharin, P. M. Senkin. Nauch. trudy TashGU no. 316: 10-19. '67.

Sushenko, M., and I. Usupov, comp. [Participation of the Bulgars in the October Revolution and the civil war. (A collection of documents and reminiscences)] Uchastie bugan v Oktobr'skoi revoliutsii i grazhdanskoi voine. (Sbornik dokumentov i vospominanii). Frunze, 1967. 101 p.

AUXILIARY CLASS BY PLACE

(177) Undeveloped and underdeveloped areas

see under the following numbers: 327; 330.2; 31; 338; 336.4; 338.98; 362; 63

(211) Cold, frigid regions

see under the following numbers: 624.1; 627.8

(234) Mountains of Europe

see under the following numbers: 549; 550.8; 550.9; 551.1; 551.2; 551.3; 551.7; 552; 553

(235) Mountains of Asia

see under the following numbers: 550.4; 551.2; 552; 553; 552; 552

(26) Oceans. Seas

see under the following numbers: 551.5; 551.5

(261) Atlantic Ocean

see under the following numbers: 551.45; 597; 639.2; 610

(261.1) North Atlantic Ocean

see under the following numbers: 551.46; 551.5

(262) Mediterranean Sea, including Adriatic and Aegean Seas

see under the following number: 562

(262.5) Black Sea

see under the following numbers: 551.40; 597; 639.3

(262.8) Caspian Sea

see under the following numbers: 551.3; 551.46; 553; 556.6; 604.9

(265) Pacific Ocean

see under the following numbers: 551.2; 551.3; 551.40; 501; 502; 597; 639.2

(267) Indian Ocean

see under the following numbers: 550.4; 551.46

(268) Arctic Ocean

see under the following numbers: 551.3; 551.40; 551.5; 597; 608.2

(269) Antarctic Ocean

see under the following numbers: 551.3; 551.40; 591.5; 597; 599

(262.24) European rivers

see under the following numbers: 551.7; 552; 570.6

(262.25) Asian rivers

see under the following numbers: 543.2; 502; 614.7

(265) Lakes, ponds, etc.

see under the following numbers: 543.3; 551.5; 552; 552.2; 611

(4.9.103) Communist countries of the world

see under the following numbers: 327; 33; 338

(4.9.104) Capitalist countries of the world

see under the following numbers: 301; 30; 151; 31; 321; 323.2; 327; 332.6; 332.6; 334; 338; 338.6; 34; 347.204; 347.77; 35.06; 621.039; 66; 665.6

(4) Europe

see under the following numbers: 637; 61

(4.0) European capitalist countries

see under the following number: 327

(41) United Kingdom and Northern Ireland

see under the following numbers: 332.6; 338; 338.6; 339; 302; 614.6; 621.86; 621.87; 64

(431) German Democratic Republic

see under the following numbers: 65; 100; 327; 330.19; 338.1; 338.96; 342; 351.67; 622.2; 629.113

(433) Federal Republic of Germany

see under the following numbers: 323; 327; 539.107; 621.67

(436) Austria

see under the following numbers: 342; 351.83

(437) Czechoslovakia

see under the following numbers: 61; 323; 327; 34; 341.2; 347.9; 606; 621.8; 621.90; 622.2; 629.113; 656.1; 7.05

(438) Poland

see under the following numbers: 61; 347.264; 368.4; 369.6; 550.3; 550.8; 606; 606.9; 711.6; 797

(439) Hungary

see under the following numbers: 300.1; 300.562; 320.03; 546.2; 608; 622.2

(44) France

see under the following numbers: 16; 334; 336.1; 638; 621.030; 621.6; 622.3; 629.113; 792

(45) Italy

see under the following numbers: 323; 34; 347.9; 368.4

(469) Portugal

see under the following number: 355

(470) European U. S. S. R.

see under the following numbers: 546.2; 549; 550.8; 551.2; 551.4; 551.49; 551.7; 552; 553; 562

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

see under the following numbers: 336.1; 336.1; 34; 351; 581.1; 559.5; 561.5; 664.7; 7.0

(471.1) Northern R. S. F. S. R.

see under the following numbers: 351.63; 551.2; 551.48; 551.7; 502

(471.11) Archangel Province

see under the following number: 608.2

(471.12) Vologda Province

see under the following numbers: 331.8; 637; 609.18

(471.13) Komi A. S. S. R.

see under the following numbers: 550.0; 551; 551.7; 552; 553.9; 622.3; 658.5; 707

(471.2) Northwestern R. S. F. S. R.

see under the following numbers: 551.2; 551.40

(471.21) Murmansk Province

see under the following numbers: 61; 330; 546.1; 550.4; 551; 551.4; 552; 558.2; 621.6; 633; 642

(471.22) Karelian A. S. S. R.

see under the following numbers: 338.1; 373.68; 551.7; 676; 681.6; 601.1; 501.2; 596; 612.8; 610.0; 631.4; 631.5; 631.62; 631.6; 632; 633; 633.2; 634.0; 934.1; 635.6; 630.2; 636.5; 630.03; 637; 630.1; 76

(471.23) Leningrad Province

see under the following numbers: 551.1; 502.2; 621.6; 631.3; 634.0; 606.0; 606.1

(471.232) Leningrad City

see under the following numbers: 601; 311; 327; 330.115; 331.8; 338.6; 347.66; 355.4; 356.4; 615; 62; 620.1; 621; 621.396; 621.307; 621.3; 637; 638.3; 658.6; 662.9; 664.0; 661.2; 661.4; 726.3; 739; 767; 640.53

(471.28) Kaliningrad Province

see under the following number: 368.4

(471.31) Central industrial regions

see under the following number: 634.0

(471.310) Moscow City

see under the following numbers: 60.00; 601; 609; 327; 328.01; 331.2; 331.6; 331.97; 331.0; 368.4; 361.1; 361.5; 614.8; 616.4; 621.3; 621.61; 635.1; 655; 658.5; 609.3; 661.1; 661; 601; 601.3; 693.5; 711.5

(471.311) Moscow Province

see under the following numbers: 327; 331.97; 331; 652.4; 628.1; 635.1; 658; 658.6; 658.8; 664.0; 664.7; 69; 940.53; 947.084

(471.312) Tula Province

see under the following numbers: 338.1; 320.01; 328.02; 374; 636.08; 603; 664.7; 910

- (471.313) Ryazan Province
see under the following numbers: 577.1; 631.4; 633
- (471.314) Vladimir Province
see under the following numbers: 797; 947
- (471.315) Ivanovo Province
see under the following numbers: 634.0; 668
- (471.316) Yaroslavl Province
see under the following numbers: 381; 621.43; 829.113; 635.1; 858; 711.4; 910
- (471.317) Kostroma Province
see under the following number: 381
- (471.32) Central Black Earth regions
see under the following number: 308
- (471.321) Orel Province
see under the following numbers: 28; 352; 551.40; 631.1; 694.0
- (471.322) Lipetsk Province
see under the following numbers: 382.1; 582.2
- (471.323) Kursk Province
see under the following number: 653
- (471.324) Voronezh Province
see under the following numbers: 329.01; 331; 338.1; 553; 591.5; 582; 816.00
- (471.325) Belgorod Province
see under the following numbers: 631.1; 638.08; 888.9
- (471.326) Tambov Province
see under the following numbers: 308; 31; 331.8; 334; 338; 946.53
- (471.328) Mordvin A. S. S. R.
see under the following numbers: 381; 63; 910
- (471.331) Kalinin Province
see under the following numbers: 381; 883; 887; 675
- (471.333) Bryansk Province
see under the following number: 338.1
- (471.34) Volg-Vyatka regions
see under the following numbers: 381.5; 947.084
- (471.341) Gorkiy Province
see under the following numbers: 331.8; 338; 618.089; 834.0; 668; 669; 797; 910; 930.25
- (471.342) Kirov Province
see under the following number: 320.02
- (471.344) Chuvash A. S. S. R.
see under the following numbers: 381; 83
- (471.4) Central and Lower Volga regions
see under the following numbers: 320.02; 550.8; 551.8; 614.2; 818.9; 911
- (471.41) Tatar A. S. S. R.
see under the following numbers: 02; 338.1; 374; 553.8; 622.2; 85.01; 057; 668.6; 684.7; 865.5;
- (471.42) Ulyanovsk Province
see under the following numbers: 381; 836.08; 639.1
- (471.43) Kuybyshev Province
see under the following numbers: 28; 31; 338; 650.8; 578.8; 577.4; 597; 821.8; 827.8; 858.3; 861.7; 863; 797
- (471.44) Saratov Province
see under the following numbers: 827.8; 031.8; 635.8; 537
- (471.45) Volgograd Province
see under the following numbers: 308; 338; 355.4; 553; 582; 822.2; 622.3; 827.8; 89
- (471.48) Astrakhan Province
see under the following numbers: 651.2; 033.2
- (471.5) Ural regions
see under the following numbers: 338; 355; 388; 550.8; 551.2; 561.40; 551.7; 651.8; 562; 553.0; 56; 621.36; 621.8; 622.2; 89; 89.02; 7.05; 7.82; 914
- (471.52) Bashkir A. S. S. R.
see under the following numbers: 381; 550.8; 552; 553.8; 582; 622.2; 622.3; 83; 058.6; 881.2; 688.6
- (471.53) Perm Province
see under the following numbers: 382.1; 551.44; 614.2; 614.3; 616.3; 816.4; 834.0; 841; 685.5
- (471.531) Komi-Permyak National District
see under the following numbers: 338; 622.3; 85.01
- (471.54) Sverdlovsk Province
see under the following numbers: 368; 320.01; 331.8; 334; 338; 338.1; 338.08; 560.8; 553; 531.5; 821; 621.007; 621.8; 622.3; 034.0; 004; 608; 688.16
- (471.55) Chelyabinsk Province
see under the following numbers: 552; 821.77; 822.2; 822.3; 666.8; 860.18; 685; 003.8
- (471.56) Orenburg Province
see under the following numbers: 550.8; 633
- (471.6) Northern Caucasus
see under the following numbers: 651.2; 602; 626.1; 658.5; 88
- (471.61) Rostov Province
see under the following numbers: 30.07; 320.01; 331.87; 625.2; 658; 898.1; 658.8; 685; 89.05; 893.5; 716.4; 910; 947
- (471.62) Krasnodar Territory
see under the following numbers: 331.8; 351.0; 381.5; 553.8; 631.011; 822.2; 631.1; 831.52; 635.1; 635.8; 637; 658.1; 658.2; 858.1; 858.3; 884.1; 884.7; 885.6; 946.53
- (471.63) Stavropol Territory
see under the following numbers: 338.1; 336.6; 338.98; 374; 697; 620.2; 626.8; 03; 031.1; 833; 638.68; 684.7; 726.3; 947.084
- (471.631) Kalmyk A. S. S. R.
see under the following numbers: 37; 038.3; 010
- (471.64) Kabardino-Balkar A. S. S. R.
see under the following numbers: 648; 550.4; 551.48; 552; 688.1
- (471.65) North Ossetian A. S. S. R.
see under the following numbers: 652; 553
- (471.66) Chechen-Ingush A. S. S. R.
see under the following numbers: 022.2; 63; 833; 665.5
- (471.67) Dagestan A. S. S. R.
see under the following numbers: 320.01; 331.801; 38; 546.5; 548.7; 548; 581.9
- (474) Balie Republics
see under the following numbers: 651.2; 085.5; 86
- (474.3) Latvian S. S. R.
see under the following numbers: 551.2; 552; 582.2; 666; 021.318; 026.8; 031.62; 544.0; 076; 085; 088
- (474.5) Lithuanian S. S. R.
see under the following numbers: 091; 358; 553.1; 347.77; 370; 675; 678.8; 680.0; 631.4; 632; 033.2; 036.5; 038.5; 038.3; 603.1; 611.3; 707
- (470) White Russian S. S. R.
see under the following numbers: 331.6; 331.87; 334; 301.6; 551.40; 678.8; 677.4; 616; 728; 70; 702; 706; 011; 040.63
- (477) Ukrainian S. S. R.
see under the following numbers: 002; 3; 061; 071; 28; 320.01; 320.04; 33; 330.1; 331.2; 331.8; 331.07; 338; 330.1; 330.4; 338.6; 338.0; 338.08; 34; 343; 343.018; 347.8; 351.9; 362; 370.17; 391; 548.8; 547.0; 640; 510.4; 551; 661.4; 661.45; 661.7; 562; 653; 653.9; 50; 602; 605; 607; 608.2; 008; 613.6; 613.7; 016.8; 610.7; 02; 621; 621.007; 621.01; 621.32; 021.0; 021.0; 021.75; 021.701; 021.8; 611.47; 021.0; 022.2; 022.3; 022.4; 022.7; 677.8; 024; 026.4; 020.113; 031.1; 631.52; 033; 874.0; 035.1; 038.08; 037; 054.1; 050.1; 658.1; 058.2; 050.5; 058.7; 06.0; 002.3; 063; 711.5; 72; 73; 78; 778.33; 702; 760; 767
- (477.0) Donetsk Basin
see under the following numbers: 347.9; 351.53; 660.4; 660.8; 651.2; 651.40; 651.7; 512; 582; 021; 621.67; 022.2; 022.4; 022.7; 621.1; 026.1; 650.2; 650.6; 658.7; 608.7; 606.18; 725.4
- (477.8) Western Ukraine
see under the following numbers: 31; 358; 318.1; 390.4; 640; 651.44; 661.48; 661.7; 552; 552; 020.1; 622.3; 626.2; 658.5; 659.8; 681; 7.05
- (477.88) Transcarpathia
see under the following numbers: 338; 301.1; 589.0; 640; 501.7; 652; 663; 621.31
- (477.6) Crimea
see under the following numbers: 047.0; 333.4; 551.2; 651.3; 551.40; 661.7; 662; 553; 553.9; 662; 665; 668; 622.2; 624.1; 627.2; 638.8; 664.8
- (478) Moldavian S. S. R.
see under the following numbers: 381; 553.8; 61; 614.2; 621.8; 631.3; 651.02; 634.1; 635.1; 638.6; 658.1; 688.6; 684; 725.4; 911; 947
- (479) Caucasus and Transcaucasia
see under the following numbers: 541.2; 551.5; 681.08; 681.7; 683; 570.8; 877.4; 981.1; 682.2; 503; 021.22; 021.31; 031.4; 633.3; 634.8; 001
- (479.22) Georgian S. S. R.
see under the following numbers: 551.5; 551.7; 50; 682; 670.0; 677.1; 681.0; 683; 624; 627.0; 631.4; 033.2; 034.0; 635; 039.06; 056; 058.0; 684.0; 670; 73
- (470.224) Abkhaz A. S. S. R.
see also subdivision under the following number 034.0
- (470.24) Azerbaijan S. S. R.
see under the following numbers: 338; 318.1; 330.4; 338.0; 301.6; 628; 550.8; 651; 55; 2; 561.3; 661.4; 651.40; 661.40; 651.6; 551.7; 552; 583; 683.0; 682; 674; 678.8; 681; 587.4; 605; 607; 608.2; 613.0; 02; 021.3; 021.31; 021.311; 621.316; 021.4; 021.76; 021.02; 61; 96; 822.2; 022.3; 024.1; 026.8; 028.1; 028.3; 031.1; 031.4; 031.52; 031.8; 633; 853.2; 853.1; 035.1; 038.08; 038.3; 037; 054; 056.1; 668.8; 050.6; 060; 683; 883.0; 684; 684.0; 684.8; 884.0; 885.6; 886; 67; 677; 725.2
- (470.242) Nakhichevan A. S. S. R.
see under the following numbers: 831.4; 033; 833.2

- [479.25] Armenian S. S. R.
see under the following numbers: 331.8; 500;
543.5; 556.34; 550.4; 550.8; 551; 551.49;
551.5; 551.7; 552; 553; 808; 82; 821.011;
821.31; 822.2; 822.3; 822.4; 834.0; 837;
858; 858.3; 858.7; 863; 864; 868.1; 868.1;
853.3; 875; 878.5; 881.1; 885; 914
- (480) Finland
see under the following numbers: 323; 828; 808.2
- [493] Belgium
see under the following numbers: 323; 821.701
- (494) Switzerland
see under the following number: 829.119
- (495) Greece
see under the following numbers: 323; 327
- (496) European communist countries as a group
see under the following numbers: 01; 31; 327;
330.2; 34; 341.2; 841; 958.3; 80; 87; 89;
951
- (497.2) Bulgaria
see under the following numbers: 300.562; 327;
324; 497.2; 82; 821.791; 837; 7.05
- (498) Rumania
see under the following numbers: 550.8; 502;
821.3; 80; 910; 94
- (5) Asia
see under the following numbers: 01; 323.2; 41;
551.7; 561.1; 561.9; 912
- (51) China
see under the following numbers: 100; 323; 910
- (519.3) Mongolian People's Republic
see under the following numbers: 551; 552; 563;
540.53
- (52) Japan
see under the following numbers: 338.4; 551.1;
553; 578.8; 821.791; 822.3; 7.05
- (538) Arab countries as a bloc
see under the following number: 323.2
- (540) India
see under the following number: 822.3
- (55) Iran
see under the following numbers: 01; 330.2; 338.68
- (560) Turkey
see under the following numbers: 327; 94
- (564.3) Cyprus
see under the following number: 327
- (567) Iraq
see under the following number: 821.039
- (568.4) Israel
see under the following number: 327
- (568.5) Jordan
see under the following number: 327
- (57) Asiatic U. S. S. R.
see under the following numbers: 338.01; 592; 598;
614.7; 614.8; 822.2; 822.3; 858.6; 858.7; 887;
725.3
- (571) Asiatic R. S. F. S. R.
see under the following numbers: 01; 338; 352;
373.0; 381; 550.3; 550.4; 550.8; 551; 551.2;
551.3; 551.49; 551.7; 552; 553; 553.8; 561;
562; 561.3; 561.5; 561.8; 562.4; 561; 592;
595; 821.6; 822.3; 824.1; 825.1; 825.7;
827.3; 831.4; 831.8; 833; 834.0; 80; 725.5;
- 1571.111 Kurgan Province
see under the following numbers: 381; 81; 658.8
- (571.12) Tyumen Province
see under the following numbers: 552; 553.9;
815.3; 822.2; 822.3; 836.08; 836.2
- (571.122) Khatyn-Mansel National District
see under the following numbers: 381.5; 638.93;
604
- (571.13) Omsk Province
see under the following numbers: 331.881; 331.07;
013.6; 614.2; 814.3; 814.7; 827.3; 828.1;
828.3; 83; 834.0; 884.6; 885.5; 874; 728
- (571.14) Novosibirsk Province
see under the following numbers: 581.5; 821.05;
822.0; 658.5; 658.7; 858.8; 859; 884.6; 68
- (571.16) Altai Territory
see under the following numbers: 338.4; 550.8;
553; 582; 582.2; 612.1; 632; 634.0; 838.06;
684
- (571.161) Gorno-Altai Autonomous Province
see under the following number: 549
- (571.17) Kemerovo Province
see under the following numbers: 308; 329.02;
331.8; 338; 550.8; 851.2; 552; 623.1;
822.2; 822.3; 858; 858.6; 882.8; 884.6;
68.05
- (571.81) Krasnoyarsk Territory
see under the following numbers: 381.1; 551.7;
553; 653; 56; 585; 632; 633
- (571.82) Tuva A. S. S. R.
see under the following number: 502
- (571.83) Irkutsk Province
see under the following numbers: 081; 07; 550.8;
551.2; 551.3; 551.7; 552; 583; 587; 627.1;
827.2; 827.8; 86.0
- (571.84) Buryat A. S. S. R.
see under the following numbers: 308; 30; 550.4;
561.2; 552; 561.6
- (571.85) Chita Province
see under the following numbers: 550.4; 551.2;
551.7; 552; 553
- (571.86) Yakut A. S. S. R.
see under the following numbers: 561; 551.2; 551.3;
551.7; 562; 563; 582.4; 587; 616.4; 627.8;
830.1
- (571.8) Soviet Far East
see under the following numbers: 001; 550.3; 550.8;
551.1; 551.7; 552; 553; 553.8; 581.1; 582;
582.3; 591.9; 595; 824.1; 827.8; 828.1; 835.0;
72; 811; 847.984
- (571.81) Amur Province
see under the following numbers: 338.4; 552;
595; 597
- (571.82) Khabarovsk Territory
see under the following numbers: 561; 551.3;
551.7; 821; 828.3
- (571.83) Maritime Territory
see under the following numbers: 551.7; 552;
553; 582.2; 585; 829.128; 834.1; 839.2;
858.7; 89.65; 728
- (571.84) Sakhalin Province
see under the following numbers: 550.8; 551.7;
824.1
- (571.85) Magadan Province
see under the following numbers: 550.8; 551.48;
- (571.851) Chukchi National District
see under the following number: 553
- (571.86) Kamchatka Province
see under the following numbers: 551.48; 551.7;
577.4; 601.5; 692; 697; 837; 839.2
- 1574) Kazakh S. S. R.
see under the following numbers: 081; 331; 331.07;
338.1; 338.4; 338.5; 338.8; 339.01; 339.06;
340.8; 371.7; 381.5; 380.0; 385/388; 543.3;
549; 550.3; 550.4; 550.8; 551; 551.2; 551.40;
551.7; 552; 553; 553.9; 50; 501; 502; 570.8;
577.1; 577.4; 592; 598.2; 599; 613.0; 814.2;
814.7; 816.8; 810.00; 816.1; 810.4; 810.7;
821.011; 821.0; 822.2; 822.3; 822.8; 822.7;
824.1; 827.8; 828.1; 63; 831; 831.4; 831.6;
833; 834.1; 858; 858.2; 858.6; 858.607;
881.5; 683; 884; 885.5; 888; 888.2; 877;
881.1; 889; 726.4; 930.20; 947.084
- 1575) Central Asia
see under the following numbers: 323.33; 320.01;
338; 331.881; 338.98; 373.68; 540; 551.6;
551.7; 553; 576.8; 577.1; 582.4; 585; 588.1;
620.8; 633; 636.93; 660.2; 677; 681.1; 801;
947; 947.084
- (575.1) Uzbek S. S. R.
see under the following numbers: 320.01; 31; 331.8;
333; 334; 338; 338.1; 338.4; 338.0; 338.08;
339; 347.4; 370.17; 373.60; 388.11; 391; 380.1;
550.3; 551.3; 551.4; 551.40; 551.7; 552; 553;
570.8; 580; 613.0; 821.021.314; 821.0; 821.07;
822.3; 822.6; 823.1; 824.2; 825; 820.0; 820.1;
83; 631.1; 831.3; 831.4; 831.6; 831.0; 833;
835.1; 837; 84; 858.5; 859.0; 859; 862.0;
864.8; 877; 881.1; 885; 887; 888; 888; 711.1;
711.4; 712.5; 710; 725.1; 728; 787; 810
- (575.172) Kara-Kalpak A. S. S. R.
see under the following numbers: 570.8; 577.4;
580
- (575.2) Kirghiz S. S. R.
see under the following numbers: 556.4; 551.7;
553; 827.8; 858.8; 811
- (575.3) Tajik S. S. R.
see under the following numbers: 01; 881; 31; 338;
550.0; 551; 551.2; 551.3; 551.7; 552; 583;
581.1; 601.4; 601.6; 582.2; 582.4; 588;
816.80; 816.0; 610; 822.3; 832; 834.1; 837;
885; 792
- (575.4) Turkmen S. S. R.
see under the following numbers: 372.304; 373;
373.0; 37; 550.9; 551.3; 551.40; 553; 814.8;
822.2; 827.8; 831.3; 837; 868.3; 858.6
- (581) Afghanistan
see under the following numbers: 550.3; 592
- (591) Burma
see under the following numbers: 551.4; 501; 816.4;
811
- (597) Vietnam
see under the following numbers: 32; 323.2; 327;
356; 366.4
- (597.3) South Vietnam
see under the following number: 323.2; 812
- (597.7) North Vietnam
see under the following numbers: 501; 816.4
- (6) Africa
see under the following numbers: 01; 339; 336.00;
41; 875
- (82) Northeast Africa, Egypt and Sudan
see under the following numbers: 627.8; 711.4
- (83) Ethiopia and Eritrea
see under the following number: 81
- (84) Morocco and Northwest African territories
see under the following number: 821.039

(728) Central America
see under the following number: 323.2

(71) Canada
see under the following numbers: 358.4; 621.74;
623.4

(7) North America
see under the following number: 94

(68) Southern Africa (including Rhodesia)
see under the following numbers: 343; 557

(66) West and North Central Africa
see under the following numbers: 323.2; 551.7

(729) West Indies
see under the following numbers: 323; 910

(73) United States of America
see under the following numbers: 30.07; 323;
327; 323.15; 330.10; 331.891; 339; 343; 35.08;
355.4; 355.5; 356.4; 621.398; 621.6; 621.87;
622.3; 625.3; 629.12; 629.127; 620.19; 631.5;
64; 655.3; 94

(8) South America
see under the following numbers: 323; 323.2;
329.06; 634.1; 911

(96) Polynesia and Micronesia
see under the following numbers: 549; 552

(97) Polar regions
see under the following numbers: 01; 551.5

(98) Arctic and North Polar regions
see under the following numbers: 351.83;
380.0; 551.5; 621.87; 625.7; 69; 728

(99) Antarctica. South Polar regions
see under the following numbers: 529; 550;
551; 551.3; 551.48; 551.18; 551.43; 551;
552; 562; 608.2; 609; 910

IN ENGLISH

- AKADEMIA NAUK SSSR Fizicheskii institut.**
Pleciatintegratsiya i uchebnye voprosy v oblasti rezonansov, edited by D. V. Skobel'tsyn. Translated from Russian. New York, Consultants Bureau, 1987. vii, 191 p. 23 cm. (Proceedings (Trudy) of the P. N. Lebedev Physics Institute, v. 38) Translation of *Fizicheskii institut. Pleciatintegratsiya i uchebnye voprosy v oblasti rezonansov*. QCI. A4114 vol. 38 67-27805
- AKADEMIA NAUK SSSR Fizicheskii institut.**
Plasma physics. Edited by D. V. Skobel'tsyn. Translated from Russian. New York, Consultants Bureau, 1983. x, 201 p. 28 cm. (Proceedings (Trudy) of the P. N. Lebedev Physics Institute, v. 32) QCI. A4114 vol. 32 68-26493
- AKADEMIA NAUK SSSR Nauchnyi sovet po problemam fizicheskoi teorii.**
Elementary photoprocesses in molecules. Edited by Boris I. S. Neporent. New York, Consultants Bureau, 1988. ix, 339 p. 28 cm. Translation of *Elementarnyye fotoprotsessy v molekulakh*. QN601. A5563 68-26094
- AKADEMIA NAUK UKRSN, Kiev.**
Problems of astrophysics. Ye. P. Fedorov, editor-in-chief. (Washington) National Aeronautics and Space Administration; for sale by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. [1987] v. 169 p. 27 cm. (NASA technical translation, NASA TT F-458) Translation of *Voprosy astrofiziki*. TL507. U745 no. 455 67-02480
- AKHIEZER, ALEKSANDR IL'ICH, 1911-**
Spin waves. [By] A. I. Akhiezer, V. G. Bar'yakhtar [and] S. V. Pekar. Translated from the Russian by S. Chomol. Translation edited by S. Doniach. Amsterdam, North-Holland Pub. Co., 1988. vii, 372 p. 23 cm. (North-Holland series in low temperature physics, v. 1) Translation of *Spinovyye volny*. QC761. A4513 68-24414
- ANATOMY OF THE SOVIET UNION; edited by Harrison F. Sillsbury.** London, Nelson, 1987 [i.e. 1988] xvii, 484 p. 24 cm. DK266.5578 1988 68-122832
- BAKHITIN, MIKHAIL MIKHAILOVICH.**
Rabelais and his world, by Mikhail Bakhtin. Translated by Leonid Savitsky. Cambridge, Mass., M. I. T. Press [1988] x, 484 p. 21 cm. Translation of *Tvorchestvo Frantsuza fablia i narodnaya kul'tura srednevekov'ia i Renessansa*. PQ1967. L3B313 68-18231
- BELENITSKI, ALEKSANDR MARKOVICH.**
Central Asia [by] Aleksandr Belenitskiy. Translated from the Russian by James Hogarth. Cleveland, World Pub. Co. [1988] 250 p. 24 cm. BS786. B413 68-31073
- BEREZKIN, VIKTOR GRIGOR'EVICH.**
Analytical reaction gas chromatography; by Viktor G. Bereskin. Translated from Russian. Translation editor: L. S. Ettro. New York, Plenum Press, 1988. x, 103 p. 24 cm. Translation of *Analiticheskaya reaktsionnaya gazovaya khromatografiya*. QM17. C6B413 68-21473
- BEZYMENSKI, LEV ALEKSANDROVICH.**
The death of Adolf Hitler; unknown documents from Soviet archives [by] Lev Bezymenski. [1st ed.] New York, Harcourt, Brace & World [1988] 114 p. 22 cm. Translation of *Smert' Adolfa Hitlera*. DD247. H5B403 68-9804
- BLOKHINTSEV, D. I.**
The philosophy of quantum mechanics [by] D. I. Blokhintsev. Dordrecht, Reidel, New York, Humanities [1988] viii, 132 p. 23 cm. Translation of *Printsipy filozofii voprosy kvantovoi mekhaniki*. QCI74. I. B5713 68-22439
- BLUM, JULIUS M.**
Konstanta Fedin. A descriptive and analytic study, by Julius M. Blum. The Hague, Paris, Moulon, 1887. 240 p. 24 cm. (Soviet printings and reprintings, 63) PQ3476. F4258 67-27207
- BRAMSON, MIKHAEL' ABRAMOVICH.**
Infrared radiation, a handbook for applications, with a collection of reference tables by Mikhael' A. Bramson. Translated from the Russian by Richard B. Hodman. Translation edited and with a foreword by William L. Wolfe. New York, Plenum Press, 1988. xii, 923 p. 26 cm. Translation of *Infra-krasnoye izlucheniye nagretykh tel i spravochnyye tablitsy po infra-krasnomu izlucheniyu nagretykh tel*. QC490. B7313 68-26612
- BRUTKINS, KAREN NEISESOVICH.**
True ally of national-liberation movement [by] K. Brutkins. [Moscow?] Novosti Press Agency Pub. House [1987 or 8] 82 p. 17 cm. HQ60. R8 68-6473
- BUILDING COMMUNISM IN THE USSR; Americans ask questions; Soviet experts answer.** New York, Compass Publications, 1988. 159 p. 19 cm. JX4D. R825 68-54120
- DUYNIAK, V. O.**
Readings in Ukrainian authors. Compiled, prepared, and adapted by V. O. Duyniak. Saskatoon, 1982-84. 2 v. 28 cm. PQ326. D8 68-12747
- CAMPBELL, M. RUDOLPH.**
The talking crocodile [by] Fyodor Dostoevsky adapted by M. Rudolph Campbell. Drawn by Judy Pissel-Campbell. [1st ed.] New York, Atheneum, 1988. 1 v. (unpaged) 27 cm. PZ7. C1632ra 68-30081
- CARMICHAEL, JOEL.**
A cultural history of Russia. London, Weidenfeld & Nicolson, 1988. 272 p. 28 cm. DK32. C35 68-119262
- CHORNOVIL, VIACHESLAV.**
The Chornovil papers. New York, McGraw-Hill [1988] xxi, 246 p. 23 cm. DK508. C46 68-28045
- CHURCHWARD, L. G.**
Contemporary Soviet government, by L. G. Churchward. New York, American Elsevier Pub. Co. [1988] xix, 366 p. 22 cm. JN515 1988. C45 68-22027
- COMMISSION OF INQUIRY INTO THE CHARGES MADE AGAINST LEON TROTSKY IN THE MOSCOW TRIALS.**
Preliminary Commission, Coyacan, Mexico, 1937. The case of Leon Trotsky: report of hearings on the charges made against him in the Moscow trials. By the Preliminary Commission of Inquiry: John Dewey, chairman [and others] introd. by George Novack. New York, Merit Publishers [1988] xxvii, 617 p. 23 cm. Law 68-7089
- CONQUEST, ROBERT.**
Justice and the legal system in the U. S. S. R.; editor, Robert Conquest. London, Sydney [etc.] Eodley Head, 1988. 152 p. 23 cm. Law 68-118910
- DOBRIANSKI, ALEKSANDR FLAVIANOVICH, 1898-1985.**
Transformation of petroleum in nature, by P. F. Andreev [and others] Translation by Robert B. Gaul and Bruno C. Metzner. Translation edited by E. Barghoorn and S. Silverman. [1st English ed.] Oxford, New York, Pergamon Press [1988] xvi, 488 p. 23 cm. (International series of monographs in earth sciences, v. 29) Translation of *Prevrashcheniye nefti v prirodu*, edited by A. F. Dobrianski. TN870.5. D6213 1988 68-18616
- DROBNIS, VLADIMIR FEDOROVICH.**
The technology and operation of vertical-spoke Soderberg-type aluminum reduction coil anodes, by V. F. Drobnis and S. E. Gelter. Translated by Associated Technical Services. Glen Ridge, N. J. [Associated Technical Services] 1988. iv, 88 l. 28 cm. Translation of *Tekhnologiya i obsluzhivaniye anodov aluminiyevogo otkiruzhena s verkhnim tokopodvodom*. TN775. D763 68-5885
- FROLOV, VADIM GRIGOR'EVICH.**
What it's all about [by] Vadim Frolov. Translated by Joseph Barnes. [1st ed.] Garden City, N. Y., Doubleday, 1988. 254 p. 22 cm. Translation of *Chto k chemu...* PZ4. F823Wb 68-27818
- GRAHAM, STEPHEN, 1884-**
Ivan the Terrible; life of Ivan IV of Russia. [Hamden, Conn.] Archon Books, 1988. x, 335 p. 22 cm. DK108. G7 1988 68-8020
- GREGORY, JAMES STOTHERT, 1912-**
Russian land, Soviet people; a geographical approach to the U. S. S. R., by James S. Gregory. New York, Putnam [1988] 647 p. 24 cm. GP601. G73 68-17540
- GREGORY, JAMES STOTHERT, 1912-**
Russian land, Soviet people; a geographical approach to the U. S. S. R., by James S. Gregory. London, Harrap, 1988. 647 p. 24 cm. GK17. G75 68-122879
- GROSSER, ALFREDO, 1925-**
Franco-Soviet relations today. Santa Monica, Calif., Rand Corp., 1987. xi, 62 p. 26 cm. (Rand Corporation. Memorandum RM-5382-PR) Q180. A1R36 no. 5382 68-6884
- GULIASHVILI, ANIPIE, 1914-**
The Zakhov mission; translated by Maurice Michael. London, Cassell, 1988. [4], 130 p. 21 cm. Translation of *Prilucheniya na Avakuni Zakhov*. PZ4. G665Zak 68-120253
- GURSKAYA, GALINA VIKTOROVNA.**
The molecular structure of amino acids; determination by X-ray diffraction analysis, by Galina V. Gurskaya. New York, Consultants Bureau, 1988. vi, 121 p. 23 cm. Translation of *Struktura aminokislot*. QD305. A7G913 68-18821
- HARCAVE, STONEY SAMUEL, 1918-**
Years of the golden cockerel; the last Romanov tsars, 1814-1917, by Sidney Harcave. New York, Macmillan [1988] x, 616 p. 24 cm. GK160. H34 68-23033
- HARRIS, LEMENT U. 1904-**
From peasantry to power farming; the story of Soviet agriculture, by Lement Harris. New York, International Publishers [1988] 63 p. 20 cm. HD1992. H37 68-28168
- HAZARD, JOHN NEWBELL, 1909-**
The Soviet system of government, by John N. Hazard. 4th ed., rev. Chicago, University of Chicago Press [1988] xi, 275 p. 21 cm. JN515. H3 1988 68-24557
- HERTZEN, ALEKSANDR IVANOVICH, 1812-1870.**
My past and thoughts: the memoirs of Alexander Herzen; translated [from the Russian] by Constance Garnett. [Revised ed.] revised by Humphrey Higgans; with an introduction by Isaiah Berlin. London, Chatto & Windus, 1988. 4 v. 23 cm. Translation of *Byloe i dumy*. DK209. B. H4A36 68-119182
- HINOLEY, RONALD.**
The tsars, 1533-1817. [1st American ed.] New York, Macmillan [1988] 320 p. 28 cm. BK37.6. H54 1988 68-24114
- JOSEPH, JOAN.**
Peter the Great. New York, J. Messner [1988] 190 p. map. 22 cm. JX131. J66 68-25088

- KAGAN, VENIAMIN FEDOROVICH, 1889-1953.
N. Lobachevsky and his contribution to science.
Moscow, Foreign Languages Pub. House, 1957. 91,
[1] p. 29 cm. Translation of Velikiy russkiy ucheniy
N. I. Lobachevskiy i ego mesto v mirovoy nauke.
QA29.L87K33 68-123359
- KOLESNIKOV, VENEDIKT ANDREEVICH.
Fruit biology [by] V. Kolesnikov. Translated from
the Russian by L. Kolesnikov. Moscow, MMR Publishers
[pref. 1989] 337, [1] p. 21 cm.
SB357.K6513 68-6842
- KONINGSBERGER, HANS.
Along the roads of the new Russia. New York,
Farrar, Straus & Giroux [1988] 195 p. 22 cm.
DK29.K86 98-23745
- KOTEL'NIKOV, V. A.
The theory of optimum noise immunity, by V. A.
Kotel'nikov. Translated from the Russian by R. A.
Silverman. New York, Dover Publications [1988] xi,
149 p. 26 cm. Translation of *Teoriya potentsial'noi
pomexoustoitчивosti*.
TK5101.K643 1988 68-29584
- KRISHNAMOORTHY RAO, S. V. 1992-
The leftist experiment [by] S. V. Krishnamoorthy
Rao. Foreword by S. Radhakrishnan. Bombay, Popu-
lar Book Depot [1987] 174, [1] p. 22 cm.
HC335.K8739 S A 68-5882
- KROPOTKIN, PETER ALEKSEEVICH, kniaz, 1842-1921.
Ethics: origin and development. Authorized transla-
tion from the Russian by Louis S. Friedland and Joseph
B. Piroshnikoff. New York, B. Blom, 1969. xvi, 349 p.
25 cm. Translation of v. 1 of the Russian ed., left in
an unfinished form at the author's death.
BJ78.K7 1969 98-56518
- KUCERA, HENRY.
A comparative quantitative phonology of Russian,
Czech, and German, by Henry Kucera and George K.
Monroe. New York, American Elsevier Pub. Co.,
1968. xi, 113 p. 24 cm. (Mathematical linguistics and
automatic language processing, 4)
PG2131.K8 97-28449
- LEKHNITSKI, S. G.
Anisotropic plates [by] S. G. Lekhnitskii. Translated
from the second Russian edition by S. W. Tsai and T.
Cheron. New York, Gordon and Breach [1988] xvi,
534 p. 24 cm. Translation of *Anizotropnye plastinki*.
TA890.P61.4413 67-28238
- LENIN, VLADIMIR IL'ICH, 1870-1924.
Materialism and empirio-criticism; critical com-
ments on a reactionary philosophy. [4th rev. ed.]
Moscow, Progress Publishers, 1987. 397 p. 21 cm.
B989.L413 1987 89-6543
- LENIN, VLADIMIR IL'ICH, 1870-1924.
National liberation, socialism, and imperialism;
selected writings by V. I. Lenin. New York, Inter-
national Publishers [1989] 189 p. 21 cm.
HX550.N3147 68-9130
- LEWIN, MOSHE.
Russian peasants and Soviet power; a study of
collectivization, by M. Lewin. Translated by Irene
Nove, with the assistance of John Biggart. With a
pref. by Alec Nove. Evanston [Ill.], Northwestern
University Press, 1968. 639 p. 23 cm. Translation of
La paysannerie et le pouvoir soviétique, 1928-1939.
HD1892.L413 67-31683
- LOBANOV-ROSTOVSKY, ANDREI, 1892-
Russia and Europe, 1789-1825, by Andrei A. Loba-
nov-Rostovsky. New York, Greenwood Press, 1968.
xviii, 448 p. 24 cm.
DK197.L6 1968 88-28825
- LUNACHARSKI, ANATOLI VASIL'EVICH, 1876-1933.
Revolutionary alienation [by] Anatoli Vasilievich
Lunacharsky. Translated from the Russian and edited
by Michael Glenny. With an introd. by Isaac Deutscher.
[1st American ed.] New York, Hill and Wang [1968,
1967] 155 p. 22 cm. Translation of the 1923 ed. of
Revolyutsionnaya situatsiya.
DK253.L813 1968 69-39794
- MAIRANOVSKI, STAL' GRIGOR'EVICH.
Catalytic and kinetic waves in polarography [by]
Stal' G. Mairanovskii. Translated from Russian by Beta
M. Fabuss. Translation editor: Petr Zuman. New
York, Plenum Press, 1968. xiv, 362 p. 24 cm. Trans-
lation of *Kataliticheskie i kineticheskie volny v
polarografii*.
QD115.M3313 67-19535
- MARDUS, ELAINE.
Man with a microscope: Elie Metchnikoff. New
York, J. Messner [1988] 223 p. 22 cm.
HQ31.M4M3 68-25995
- MARKOV, VLADIMIR.
Russian futurism, a history. Berkeley, University
of California Press, 1968. xi, 487 p. 24 cm.
PC3955.F9M33 88-14976
- MASEY, MARY LOU.
Stories of the steppes, Kazakh folktales retold by
Mary Lou Masey. Pictures by Helen Dastilevsky. New
York, D. McKay Co. [1988] xvii, 142 p. 21 cm.
GR345.M37 88-20183
- MENON, KUMARA PADMANABHA SIVASANKARA, 1608-
The lamp and the lampstand [by] K. P. S. Menon.
[Bombay] Oxford University Press, 1987. xii, 343 p.
18 cm.
DK274.M43 1987 S A 86-5350
- MESHCHERSKI, IVAN VSEVOLODOVICH, 1850-1935.
Collection of problems in theoretical mechanics,
[by] I. V. Meshchersky. Edited by A. I. Lurie. Supple-
ment by V. L. Kuznetsov. [Translated from the Russian
by N. M. Smolnikova. 2d ed. ed.] Moscow, Higher
School Publishing House, 1988. 320 p. with illus.
22 cm. Translation of *Sbornik zadach po teoretichesko-
mu mekhanike*.
TA350.7.M413 1988 88-124044
- MOONEY, HARRY JOHN.
Tolstoy's epic vision; a study of War and peace
and Anna Karenina, by Harry J. Mooney, Jr. Tulsa,
Okla., University of Tulsa [1988] 88 p. 23 cm. (Uni-
versity of Tulsa. Dept. of English. Monograph series,
no. 5)
PC3365.V85M6 88-7009
- MORGAN, EDWARD DELMAR, ed.
Early voyages and travels to Russia and Persia, by
Anthony Jenkinson and other Englishmen. With some
account of the first intercourse of the English with
Russia and Central Asia by way of the Caspian Sea.
Edited by E. Delmar Morgan and C. H. Cooton. New
York, B. Franklin [1987?] 2 v. (ed. 1, 488 p.) 23 cm.
(Works issued by the Hakluyt Society. 1st ser.,
no. 72-73)
G181.H22 no. 72-73 88-0281
- MOSCOW. Tokyo, Palo Alto, Calif., Kodansha Inter-
national [1989] 143 p. 18 1/2 cm. (This beautiful world
v. 5)
DK601.2.M63 88-28554
- THE MOSCOW TRIALS: an anthology. London, New Park
Publications, 1987 [i.e. 1988] [8], 168 p. 18 x 26 cm.
Law 68-117705
- [MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY.
Sektora fiziki]
Synchronism radiation. Translation by M. August
[and] H.-R. Kiseener. English translation edited by
E. Schmutz. [1st English ed.] Berlin, Akademie-
Verlag; Oxford, New York, Pergamon Press [1988]
viii, 202 p. 20 cm. Translation of *Sinkhronnoye
izlucheniye*.
QC721.M8763 1988 88-24443
- MUTSCHALL, VLADIMIR E.
Soviet long-range space-exploration program;
analytical survey [by] Vladimir E. Mutschall. Washing-
ton] Aerospace Technology Division. Library of Con-
gress, 1965-66 [v. 1, 1966] 3 v. 28 cm. (ATD report
68-18, 85-84, 88-67)
Z863.23.A2 no. 88-18, etc. 87-09598
- NABOKOV, VLADIMIR VLADIMIROVICH, 1896-
Nabokov's congeries [by] Vladimir Nabokov.
Selected, with a critical introd., by Page Stegner.
New York, Viking Press [1988] xxxix, 630 p. 23 cm.
PS3527.A15A8 1988 88-22880
- NORTH, GARY.
Marx's religion of revolution; the doctrine of crea-
tive destruction. Noddy, N. J., Craig Press, 1988.
253 p. 20 cm.
HX39.G.N96 88-28182
- NOVOSELOVA, ALEKSANDRA VASIL'EVNA, 1900-
Analytical chemistry of beryllium [by] A. V. Novo-
selova [and] L. R. Batsanova. Jerusalem, Israel Pro-
gram for Scientific Translations, 1988. vi, 220 p.
25 cm. Translation of *Analitycheskaya khimiya berillia*.
QD181.B4N613 88-6081
- NOYES, GEORGE RAPAL L., 1873-1952.
Tolstoy. New York, Dover Publications [1988]
xiv, 365 p. 21 cm.
PG3365.N7 1988 88-17309
- PATERNOST, JOSEPH.
Russian-English glossary of linguistic forms. [Uni-
versity Park, Pa., Dept. of Slavic Languages, Penn-
sylvania State University] 1985. v, 230 p. 28 cm.
P20.P3 88-6819
- PETROV, IURII PETHOVICH.
Variational methods in optimum control theory [by]
I. P. Petrov. Translated by M. D. Friedman with the
assistance of H. J. van Zolman. New York, Academic
Press, 1988. ix, 218 p. 24 cm. (Mathematica in sci-
ence and engineering, v. 46) Translation of *Variatsion-
nye metody teorii optimal'nogo upravleniya*.
QA402.3.P473 68-16618
- PETROVA, NINA.
Russian cookery. Baltimore, Penguin Books [1985]
299 p. 18 cm. (A Penguin handbook, 191149)
TX723.3.P4 88-6344
- POWERS, D. B.
A dictionary of irregular Russian verb forms [by]
D. B. Powers. New York, Wiley [1988] xiv, 353 p.
23 cm.
PG2187.P6 88-31645
- RED RUSSIA AFTER 60 YEARS, BY THE EDITORS OF
LOOK MAGAZINE. [New York, Cowles Education
Corp. 1988] 166 p. 23 cm.
DK270.R4 88-22323
- REED, JOHN, 1887-1920.
Ten days that shook the world. Moscow, Progress
Publishers [1987] 416 p. 21 cm.
DK285.R38 1987 88-7281
- ROZENFELD, SEMEN EFIMOVICH.
The first song, by Semion Rozenfeld. Translated
and edited by Miriam Morion. [1st ed.] Garden City,
N. Y., Doubleday [1988] viii, 253 p. 24 cm. Transla-
tion of *Pervaya pesnia*.
P27.R827F1 88-22472
- RUMIANTSEV, STEPAN VASIL'EVICH.
Industrial radiology; the use of radioactive isotopes
in flaw detection [by] S. Rumyantsev. [Translated from
the Russian by S. Sonyonov] Moscow, Foreign Lan-
guages Pub. House [1980?] 271 p. 22 cm. Translation
of *Primeneniye radioaktivnykh izotopov v defektoskopi*.
TA417.25.R833 88-116359
- SCHWABEDISEN, WALTER.
The Russian Air Force in the eyes of German com-
manders. With an introd. by Telford Taylor. [Maxwell]
Air Force Base, Ala.] USAF Historical Division,
Research Studies Institute, Air University, 1988. New
York, Arno Press [1988] xvi, 434 p. 20 cm. (USAF
historical studies, no. 176)
UG633.A37784 no. 176 1988 88-22352
- SEMIN, VITALII NIKOLAEVICH, 1927-
Seven in one house [by] Vitalii Syontin; translated
from the Russian by Michael Glenny. London, Jody's,
1988. 168 p. 21 cm.
P24.S471450 3 88-12047
- SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
The power of music [by] Dmitri Shostakovitch. New
York, Music Journal, 1988] 68 p. 21 cm.
M180.S52 88-7189/MH
- SMIRNOV, VLADIMIR IVANOVICH, 1887-
Boundary value problems and integral equations,
edited by V. I. Smirnov. Translated from Russian.
New York, Consultants Bureau, 1966. 150 p. 23 cm.
(Problems in mathematical analysis, v. 1) Transla-
tion of *Problemy matematicheskogo analiza*.
QA401.84013 88-28092
- SMIRNOV, VLADIMIR IVANOVICH, 1887-
Functions of a complex variable; constructive
theory [by] V. I. Smirnov and N. A. Lebedev. Translated
by Serpina Technina III. Cambridge, Mass., M. I. T.
Press [1980] 8, 486 p. 23 cm. Translation of *Kon-
struktivnaya teoriya funktsii kompleksnogo peremennogo*.
QA331.S663 88-28049
- SOLZHENITSYN, ALEKSANDR ISA'YEVICH, 1918-
The first circle [by] Aleksandr I. Solzhenitsyn.
Translated from the Russian by Thomas P. Whitney.
[1st ed.] New York, Harper & Row [1988] xiii, 380 p.
25 cm.
PZ4.S86F1 88-64547
- THE SOVIET UNION: facts and figures, 1987 ed. London,
Novosti Press Agency, 1988. 87 p. 23 cm.
DK17.S85 1988 88-121737
- SWIFT, MARY GRACE.
The art of the dance in the U. S. S. R. [Notre Dame,
Ind.] University of Notre Dame Press, 1988. xii,
466 p. 27 cm.
OV1663.897 88-17061
- TARSIS, VALERIE.
The gay life [by] Valorie Tarsis; translated from
the Russian by Drive Parker. London, Collins,
Harvill P., 1988. 224 p. 21 cm.
P24.T103Gay 88-132977

- TERLETSKII, YAKOV PETROVICH, 1912-
Paradoxes in the theory of relativity. By Yakov P. TerleTSkii. With foreword by Danesh Hoffman. New York, Plenum Press, 1968, xi, 120 p. 24 cm. Translation of *Paradoxy teorii otnositel'nostei*. QC6. T43T3 08-19183
- TROTSKY, ALEKSEI ALEKSEEVICH, 1889-1942
300 brilliant and instructive end games. With an introd. by Fred Reinfeld. New York, Dover Publications [1968] 192 p. 22 cm. Reprint of the 1901 ed. published under title: Chess handbook of 300 brilliant and instructive end games. GVI450.7.T76 1968 08-12039
- TURGENEV, IVAN SERGEEVICH, 1818-1893.
Youth and age: three short novels, by Ivan Turgenev; translated by Marlon Mainwaring. London, Hiri-Davis, 1968, 268 p. 21 cm. PZ3.T844Y6 08-114208
- UEBE, KLAUS, 1906-
Russian reactions to German airpower in World War II. With an introd. by Telford Taylor. [Maxwell Air Force Base, Ala.] USAF Historical Division, Air University, 1964. New York, Arno Press [1968] xviii, 148 p. 20 cm. [USAF historical studies, no. 170] I.G633.A37784 no. 170 1968 08-22558
- UCOLEV, ALEKSANDR MIKHAILOVICH.
Physiology and pathology of membrane digestion, by Aleksandr M. Ugolev. Translated from Russian by Jacob A. Stekol. New York, Plenum Press, 1968, xvi, 226 p. 24 cm. Translation of *Fiziologiya i patologiia prizhechnogo (khiakhnogo) pishchevarenia*. RC533.U35T3 08-10186
- ULAI, S. R. 1917-
Sociology in U. S. S. R., a study report by S. R. Ulai. [Bombay, 1967] 62 p. 22 cm. SF553.R01U S A 00-5341
- VLADIMIROV, LEONID.
The Russians. New York, Praeger [1966] vi, 240 p. 22 cm. DK270.V55 07-24078
- VOZNIENNIKOVA, TAMARA FEDOROVNA.
Introduction to the study of fossilized peridind algae; translated from the Russian by K. Syers, edited by W. A. S. Sarjeant. Boston Spa (Yorks.), National Lending Library for Science and Technology, 1967, [1], iii, 230, 1r-xiii p. 28 p. 22 cm. Translation of *Vvedenie v izucheniye tekhnicheskikh (khiakhnovykh) vodorodnykh*. QK555.V08T3 08-132370
- VSESOIUZNOE SOVESHCHANIE PO NAUCHNYM OSNOVAM PODHODA KATALIZATOROV GETEROGENNYKH KATALITICHESKIIH REAKTSII, Moscow, 1964.
Scientific selection of catalysts. Edited by A. A. Batanin [and others]. Translated from Russian by A. Alekseev. Jerusalem, Israel Program for Scientific Translations, 1966, vii, 274 p. 25 cm. (Problems of kinetics and catalysis, 11). Translation of *Raznoye garovo podhoda katalizatorov geterogennykh kataliticheskikh reaktsii*. TP559.C3V7813 1964ab 08-6528
- VSESOIUZNOE SOVESHCHANIE PO ROSTU METALLICHESKIIH KRISTALLOV, Kiev, 1965.
Growth and imperfections of metallic crystals. Edited by D. E. Ostensko. New York, Consultants Bureau, 1966, ix, 208 p. 28 cm. Translation of *Rost i nesovershenstva metallicheskikh kristallov*. QD241.V75 1965fb 08-13058
- WADDINGTON, PATRICK.
Advanced translation from Russian prose. [1st ed.] Oxford, New York, Pergamon Press [1966] x, 240 p. 20 cm. PG3200.W3 1965 04-60354
- WEILICH, ROBERT.
Russian orders, decorations, and medals, including those of Imperial Russia, the Provisional Government and the Soviet Union. [Washington, Quaker Press, 1998] 139 p. 20 cm. CR5557.W47 08-0700
- WHITE, ANNE TERRY, comp.
Czar of the water. The little hippbacked horse. Translated from the Russian by Anne Terry White. Illustrated by Leslie Gray. Champaign, Ill., Garrard Pub. Co. [1968] 90 p. 24 cm. PZ8.W58Cz 09-11514
- ZALUCKI, HENRYK.
Dictionary of Russian technical and scientific abbreviations with their full meaning in Russian, English and German. Compiled and arranged on a Russian alphabetical basis by Henryk Zalucki. Amsterdam, New York [etc.] Elsevier Pub. Co., 1968, 400 p. 20 cm. PG2693.Z3 07-12794
- ZIKEEV, NIKOLAI TIKHONOVICH, 1900-
Weather modification in the Soviet Union, 1946-1966; a selected annotated bibliography, by Nikolai T. Zikeev and George A. Doumant. Washington, Library of Congress; [for sale by the Supt. of Docs., U. S. Govt. Print. Off.] 1967, x, 78 p. 26 cm. Z663.W35Z5 07-81809
- IN OTHER WESTERN EUROPEAN LANGUAGES
- AKADEMIA PEDAGOGICHESKIIH NAUK RSFSR, MOSCOW.
Enzyklopädie der Elementarmathematik. Redaktion: P. S. Alexandrov, A. I. Markushevich [und] A. J. Chishchik. [Übersetzung: Helmut Limberg, Karl-Heinz Rupp und Gerhard Tesch.] 4. Aufl. Berlin, Deutscher Verlag der Wissenschaften, 24 cm. (Hochschulbücher für Mathematik, Bd. 7.) Bd. 1. Arithmetik 1967. Bd. 2. Algebra. 1967. QA30.A5154 08-117280
- ANOSOV, NIKOLAI MIKHAILOVICH.
Herzen in meiner Hand: Aufzeichnungen eines Chirurgen [von] Nikolai Anosov. [Aus dem Russischen von Kelly Brechler. 4. Aufl.] Berlin, Verlag Kultur und Fortschritt, 20 cm. Translation of *Myssil i serdce*. V.I. 1966. PG3478.N6A015 1966 08-117743
- ANDICS, HELMUT.
Der grosse Terror. Von den Anfängen der russischen Revolution bis zum Tode Stalins. Wien, Molden [1967] 416 p. 22 cm. DK206.A63 08-122554
- ARKINA, NINA, 1908-
Kaiserin und Frau, Katharina die Grosse: Roman. [Ins Deutsche übertragen von Tilman Lier.] Heidelberg, E. Skulnia [1966] 413 p. 21 cm. Translation of *Kaiserin og kinnie*. PT6950.A7K315 08-123043
- BARINOV, N. A.
Meinurgia y motologiya [por] N. Barinov y A. Land. Moscow, Editorial Mir [1966] 221 p. 22 cm. TN665.B3418 08-51096
- BARON, LAZAR' IZRAILEVICH.
Deutsch-russisches technisches Wörterbuch. Nomenklatorisch-technisches Wörterbuch. Okolo 40 000 terminov. Pod red. prof. dra tekh. nauk L. I. Barona. Izd. 2-o, stereotip. Moskva, "Sov. enciklopediya," 1968, 725 p. 21 cm. TD.B3 1968 08-118330
- BEKSONOV, LEV ALEKSEEVICH.
Cours d'électrocinétique théorique [par] L. A. Beksonov. Moscow, École supérieure, 1968, 718 p. 22 cm. Translation of *Teoreticheskie osnovy elektrotekhniki*. TK755.B5014 08-120981
- BIESCO, MAITHE LUCIE (HANOVAR) PRINCESSE, 1867-
Kalla, le démon bleu du tsar Alexandre [par] princesse Biesco. Paris, Éditions J'ai lu, [1967?] 189 p. 17 cm. [J'ai lu, 771] PQ2003.1.24K3 1967 08-117453
- BLOKHINTSEV, D. I.
Principes essentielles de la mécanique quantique. par D. I. Blokhintsev. Traduit par M. J. Laberliquet. Paris, Dunod, 1968, xii, 102 p. 17 cm. [Monographies Dunod 68] Translation of *Prinsipla kuantovogo kvantovoi mekhaniki*. QCT14.LB6714 08-122699
- CHOUNOVIL, VLACHESLAV.
Répression et procès arbitraires en Ukraine (1965-1967) [par] Vlachoslav M. Tchornovil. [Traduit du russe.] Paris, Éditions de l'Est européen, 1968, 36 p. 21 cm. Caption title: L'arbitraire des organes de police et de justice en Ukraine. Law 08-120902
- DOSTOEVSKII FEDOR MIKHAILOVICH, 1821-1881.
Die Erniedrigten und Heidegigten. (Übers. von Karl Nitzel. Stillschlich überarb. von Noa Kiepenheuer und Friedrich Minckwitz.) Weimar, Kiepenheuer, 1968, 519 p. 21 cm. Translation of *Uzhizhennye i oskorblennye*. PG3327.D5H55 08-121972
- DUVAKIN, V. O.
Rostislav, Majakovskij als Dichter und Bildender Künstler. (Übertragung des russischen Manuskriptes und der Verse Majakovskis von Franz Lieschützler.) Dresden, Verlag der Kunst VED [1967] 87 p. 31 cm. PG3476.M312D63 08-110116
- ERESALIMSKII, ARKADII SAMSONOVICH, 1901-1985.
Der deutsche Imperialismus. Geschichte und Gegenwart. Von A. S. Jersussalimskij. (Deutsche Übersetzung: Joachim Böhm [u. a.]) Die deutsche Ausgabe wurde vom Autor (orig. und bearb.) Berlin, Dietz, 1988, 632 p. 22 cm. Translation of *Germanskij imperalizm: istoria i sovremennost'*. DD240.E7315 88-120252
- FALK, HEDRICH.
Die Weltanschauung des Dolacheismus. Historischer und dialektischer Materialismus gemeinverständlich dargestellt. 112., nach den neuesten sowjetischen Veröffentlichungen. Aufl. Würzburg, Echter-Verlag [1982]. 158 p. 21 cm. B809.8.F3 1982 08-117981
- FRANK-KAMENETSKII, D. A.
Vorlesungen über Plasmaphysik. Von D. A. Frank-Kamenetski. [Ins Deutsche übertragen von G. Jänicke. Wissenschaftliche Bearbeitung: Rolf Enderlein.] Berlin, Deutscher Verlag der Wissenschaften, 1967, 235 p. 24 cm. Translation of *Lektsii po fizike plazmy*. QC718.F7215 08-121608
- GAJZAG, OLIVER VON.
Die Entwicklung des sowjetischen Aussenhandels im Jahre 1966. Köln, 1968, 113 p. 30 cm. Berichte des Bundesinstituts für Ostwissenschaftliche und Internationale Studien, 20. JX15.G488 1968, Nr. 20 08-123201
- GARALDY, ROGER.
Léonie... Paris, Presses universitaires de France, 1968, 112 p. 18 cm. B4249.L384G3 08-110005
- GISEMENTS DE MINÉRAUX UTILES ET LEUR PROSPECTION [par] I. Dorokhine, E. Bogatcheva, A. Drougine [et al.]. Moscow, École supérieure, 1967, 411 p. 23 cm. Translation of *Metazruzhdenia poleznykh iskopayemykh i ikh razvedka*. TN283.M434 08-116912
- GOERDT, WILHELM.
Vergillichung und Gesellschaft. Studien zur Philosophie von Ivan von Kreevskij. Wiesbaden, Harrassowitz, 1988, xii, 184 p. 26 cm. PG3337.K48Z67 08-123452
- GOSLING, NIGEL.
Leningrad. [Fotografien von Culin Jones, Frank Lurt am Main.] Weidlich [1968] 256 p. 31 cm. DK553.G6197 08-122084
- GRODNEV, IVAN IVANOVICH.
La question nationale en U. R. S. S.: expérience et solutions [par] Ivan Grodnev. Moscou, "Progrès," [1968], 183 p. 18 cm. Translation of *Istoricheski opyt SSSR v razreshenii natsional'nogo voprosa*. JN6520.M5G7214 08-122681
- GRUNWALD, CONSTANTIN de.
Histoire du peuple russe. Texte de Constantin de Grunwald. Paris, P. Walofo, 1968, 184 p. 21 cm. UK41.C77 08-118694
- HAFFNER, FRIEDRICH.
Das sowjetische Prekariat; Theorie und Praxis, Änderungsvorschläge und Reformmassnahmen. Berlin, In Kommission bei Duncker & Humblot, 1968, 340 p. 24 cm. (Osteuropa-Institut an der Freien Universität Berlin. Wirtschaftswissenschaftliches Veröffentlichungen, Bd. 29) HB235.R61133 08-123611
- HERTZEN, ALEKSANDR IVANOVICH, 1812-1970.
A qui la laie? [Par] Alexandre Herzen. Suivi de La pile volcuse [et] le docteur Kroupov. [Traduit du russe par Alice Orane.] Moscou, Éditions du Progrès [1965] 422 p. 17 cm. Translation of *Kto vinoval? PG3337.H4K814 08-120877*
- HELSCHER, KARLA OTHILD, 1938-
A. S. Puškina Vospoim. Autoren-ich und Erzählstruktur. München, Sagner, 1988, 160 p. 21 cm. (Slavistische Beiträge, Bd. 22) PG3359.H5 08-123450
- HÜMMER, HEINZ.
Roter Oktober. Berlin, Dietz, 1987, 60 p. 20 cm. DK295.H.1 618 08-119889
- IDARRURI, DOLORES, 1885-
De febrero a octubre 1917 en el 50 aniversario de la Revolución socialista. Paris, Éditions de la librairie du Globe, 1967, 135 p. plates, 10 cm. DK266.I.375 08-122231
- IUSIKOVICH, A. P.
Michel Ogorodski et le progrès de la science au XIX^e siècle [par] P. A. Youskevitch. Paris, Palais de la découverte, 1968, 40 p. 18 cm. QA29.O7 1 9 08-120477

- KARTASCHIEV, NIKOLAI NIKOLAEVICH.**
Die Alchemie des Nordatlantiks. Von N. N. Kartaschew. [Aus dem Russischen Übers. von Günther Grenpe] Wittenberg: Lutherstadt, A. Ziemsen, 1959. 154 p., 21 cm. (Die Neue Brehm-Bücherei, 257)
QL694, A3K315 68-122312
- KHLENKOV, VELEMI.** 1885-1922.
Choix de poèmes. Traduit du russe et présenté par Linda Schlitzer, Hottelour, P. J. Oswald, 1967. 247 p., 18 cm. (La Poésie des pays socialistes, 3)
PG3376, K45A6 1967 68-119983
- KIRSCH, HANS CHRISTIAN.** 1834- comp.
Russland-Sagen. Von Fürsten, Schelmen und Kosaken. [Von] Friedrich Heermann. Illustrationen von Günther Stiller. Freiburg, Basel, Wien, Herder (1967). 430 p., 22 cm.
GR190, K5 68-121026
- KOROVKIN, P. P.**
Ungleichungen. Von P. P. Korovkin. [Aus dem Russischen übertragen von Adolf Ungner. Bearb. von Waldemar Dege und Klaus-Dieter Kleck.] Mit 4 Abbildungen. 5., veränderte Aufl. Berlin, Deutscher Verlag der Wissenschaften, 1965. 56 p., 21 cm. (Kleine Ergänzungssreihe zu den Hochschulbüchern für Mathematik, 41) Translation of *Neravenstva*.
QA11, K73 no. 4 68-122728
- KOSYK, VOLODYMYR.**
L'Ukraine sous le joug colonial russe [par] W. Kosyk. Paris [Les Problèmes actuels de l'Est européen] 1963. 54 p., 28 cm.
DK582, 8, K59 68-53469
- KRENEK, WOLFGANG.**
Russische Literatur der Gegenwart. Sowjetliteratur. Mit einem Beitrag von Georg Dax. (Dortmund, Süd-Verlag, 1967. 170 p., 21 cm. (Völker im Spiegel der Literatur, Folge 12)
Z2586, K7 68-118916
- LANDAU, LEV DAVIDOVICH.** 1908.
Mechanik. Von L. D. Landau [und] E. M. Lifschitz. In deutscher Sprache hrsg. von Gerhard Heber. (Übers. aus dem Russischen von Herwin Jungclauss.) Mit 55 Abbildungen. 5., veränderte und erg. Aufl. Berlin, Akademie-Verlag, 1967. x, 194 p., 25 cm. (Theor. Lehrbuch der theoretischen Physik, Bd. 1)
QA805, L285 1967 68-120474
- LANDAU, LEV DAVIDOVICH.** 1908.
Quantenmechanik. Von L. D. Landau und E. M. Lifschitz. In deutscher Sprache hrsg. von Gerhard Heber. (Übers. aus dem Russischen von A. Kühnel und F. Jäger.) Mit 54 Abbildungen und 11 Tabellen. 3., verbesserte Aufl. Berlin, Akademie-Verlag, 1967. xiii, 638 p., 25 cm. (Theor. Lehrbuch der theoretischen Physik, Bd. 3)
QC174, L, L315 1967 68-117300
- LANDAU, LEV DAVIDOVICH.** 1908.
Statistische Physik. Von L. D. Landau [und] E. M. Lifschitz. In deutscher Sprache hrsg. von Gerhard Heber. Mit 71 Abbildungen und 3 Tabellen. (Übers. aus dem Russischen von Eberhard Jäger.) Berlin, Akademie-Verlag, 1968. xiii, 527 p., 25 cm. (Theor. Lehrbuch der theoretischen Physik, Bd. 5)
QC175, L35 68-116894
- LESKOV, NIKOLAI SEMENOVICH.** 1831-1895.
Der Reckruehel. [Von] Nikolai Leskov. Stöberg I. Bk., Leipzig (1886). 31 p., 15 cm. Translation of *Nerazmenniy rubl'*.
PG3337, 1, 5N415 68-120950
- LEVI, ARRIGO.** 1826.
Il potere in Russia. Bologna, B. Mulino [1865] 456 p., 22 cm.
DK274, L45 1965 68-51683
- LEVIN, DAVID BENTSONOVICH.**
Die moderne bürgerliche Völkerrechtstheorie. Haupt-richtungen und Charakter. von D. B. Levin. [Übersetzung: Übersetzerkollektiv der Juristenfakultät der Karl-Marx-Universität zu Leipzig] Berlin, Deutscher Zentralverlag, 1961. 55 p., 21 cm. Translation of *Osnovnykh napravleniyakh sovremennoy burzhuaznoy nauki mezhdunarodnogo prava*.
JX3395, R6L3915 68-117742
- LINNIK, IURII VLADIMIROVICH.**
Leçons sur les problèmes de statistique analytique, par Yu. V. Linnik. Paris, Gauthier-Villars, 1967. 120 p., 24 cm. (Monographies Internationales de mathématiques modernes, 10)
QA276, L549 68-120472
- MAISKI, IVAN MIKHAILOVICH.** 1884-
Minuten eines sowjetischen Bolschewisten [von] I. M. Maiski. [Übers. von Leon Nebenzahl] Berlin, Das Europäische Buch, 1967. 872 p., 21 cm. Translation of *Vospominaniya sovetskogo posla*.
D554, R5N315 68-122400
- MIAMIN, DIMITRI NIKOLAEVICH.** 1832-1812.
Märchen für Altpersien. [Von] D. M. Miamin-Sibirsk. [Übersetzung aus dem Russischen von (Angebot) Roman [und] Alice Wagner. Illustrationen: Maria Mackiewicz-Albus. Berlin, Kinderbuchverlag (1967). 140 p., 25 cm. Translation of *Alenushkiny skazki*.
PZ34, M33 68-120615
- MELENTEV, P. V.**
Näherungsmethoden. Von P. V. Melentjew. (Aus dem Russischen ins Deutsche übers. von W. Schmüll.) Bearb. und erg. von H. Grabowski. Mit 80 Bildern und 110 durchgerechneten Beispielen. Leipzig, Fachbuchverlag VEB (1967). 246 p., 24 cm. Partial translation of *Prilichnyye vychisleniya*.
QA221, M425 68-119357
- MLACHIN, IVAN KIRILLOVICH.**
Moscow, Guide du touriste. Moscow, Éditions de l'Agence de presse "Novosti," [1967]. 418 p., 18 cm. Translation of *Moskva. Spravochnik turistu*.
DK587, M4414 68-121071
- MIROVA-FLOREN, EDEL.** comp.
October-Land, 1917-1924. Russische Lyrik der Revolution. Hrsg. von Edel Mirowa-Floren und Leonhard Koschik. Mit einem Vorwort von Simeon Paperny. Ausschnitten aus Zeitdokumenten und Erinnerungen sowie 41 Abbildungen. (Wien) Globus-Verlag [1967] 282 p., 21 cm.
PG3217, G5N448 68-118585
- MOSCOW, VSEVOZDNYI INSTITUT POIUCHENIYA PRICHIN I RAZRAOTKE NER PREDUPREZHDENIYA PRESTUPNOSTI.**
Die Arbeit des Bysonstasins in der Kampf gegen die Kriminalität. Übers. von einem Kollektiv der Übersetzerabteilung der DASH "Walter Ulbricht." [Herausgeber: Deutsche Akademie für Staats- und Rechtswissenschaft "Walter Ulbricht," Zentralstelle für Staats- und Rechtswissenschaftliche Information und Dokumentation] Potsdam-Rahelberg [Selbstverlag: Deutsche Akademie für Staats- und Rechtswissenschaft "Walter Ulbricht"] 1967. 63 p., 21 cm. (Aktuelle Beiträge der Staats- und Rechtswissenschaft, Heft 18)
L49 68-126012
- NENAROKOV, A. P.**
Auf den Barrkaden der Oktoberrevolution. Erlebnisberichte von Teilnehmern und Gegnern der Oktoberrevolution 1917 in Russland. [Von] A. N. Nenarokov. Frankfurt a. M., Schöner-Verlag (1967). 188 p., 21 cm. Translation of *Kak izgibnuta Oktoberskaya revolyutsiya v Rossii*.
DK285, 7, N3815 68-121254
- OURCHIEV, VLADIMIR AFANASIEVICH.** 1883-1958.
Éléments de géologie; ouvrage de vulgarisation scientifique [par] V. Ourchiev. Moscow, Éditions en langues étrangères, 1958. 388, [3] p., 23 cm. Translation of *Osnovy geologii*.
QE26, O214 68-120614
- OSTROVSKI, NIKOLAI ALEKSEEVICH.** 1884-1836.
Et l'acier fut tempé [par] N. Ostrovski. Roman traduit du russe par V. Feldman. Brzozdles, Éditions La Centaine [1945] 213 p., 19 cm. Translation of *Kak zakalyalas' stal'*.
PG3376, O8K33 68-121772
- PAUSTOVSKI, KONSTANTIN GEORGIEVICH.** 1863-1888.
L'Histoire d'une vie... par Constantin Paustovski... Traduit du russe par Lydia Delt et Paulo Martin. Paris, Gallimard, 21 cm. Translation of *Povest' o zhizni*.
V. 6. Le livre des pérégrinations. 1883.
PG3376, P292514 68-118310
- PERLOV, NAUM ISAAKOVICH.**
Die Sinterzeugung in Sauerstoffkonvertern. Von N. I. Perlov und M. P. Kvitko. [Übersetzung: Fr. Müller. Herausgeber: VVB Stahl- und Walzwerke, Berlin, Fachliche Bearbeitung: H. Panewitz [und] W. Kasl.] Mit 151 Bildern und 71 Tabellen. Leipzig, Deutscher Verlag für Grundstoffindustrie, 1967. 365 p., 24 cm. Translation of *Progress v kislorodno-konvertornom proizvodstve*.
TS4747, P485 68-120267
- PIAFF, DIETER.**
Die Entwicklung der sowjetischen Wirtschaft. Köln, Verlag Wissenschaft und Politik [1968] 286 p., 23 cm. (Abhandlungen des Bundesinstituts für Ostwissenschaftliche und Internationale Studien, Bd. 19)
L49 68-117015
- PIROGOVA, L. I.**
Conjugaison du verbe russe; ouvrage de pour les étrangers [par] L. I. Pirogova [et] Karova. Moscow, Éditions du Progrès [1959] 22 cm.
PG2167, P5 68-
- POLUKHIN, PETR IVANOVICH.**
Technologie des métaux [par] P. Polukhin, S. Kanténik [et] A. Mosina. Éditions de l'Académie des Sciences de l'URSS, 1964. 426 p., 21 cm. Translation of *Tekhnologiya TS265, P614 68-*
- POMMEHEMING, HORST.** 1910-
Der rühmliche sowjetische Grenzmann. Erbe der ungleichen Verträge. Olten, Fretz, Walter, [1968]. 266 p., 23 cm.
DS746, 5, R1046 68-
- RAIS, OTTO.**
Tatsachen und Zahlen über die Entwicklung materiell-technischen Basis des Kommunismus. Sowjetunion. Hrsg. von der Abteilung Pro, a. ZK der SED. (Berlin, 1966) 71, [1] p., 21 cm.
HC338, 2, R28 68-
- RÉPUBLIQUE SOCIALISTE SOVIÉTIQUE DE TADJIKISTAN.** [Moscow, Éditions de l'Agence de presse "Novosti," 1967] 71 p., 17 cm. Translation of *Tadjikskaya Sovetskaya Socialisticheskaya Respublika*.
DK635, R417 68-
- RYBAL'SKII, VIKTOR ISAEVICH.**
Kybernetische Systeme im Tierreich. [Von] Rybalskii. (Übersetzung aus dem Russischen. Deutsche Bearbeitung: Walter Ulbricht.) Leipzig, Deutscher Verlag der Wissenschaften (1967). 238 p., 22 cm. Chapter 3 of *Kybernetika v zhivotnom mire*.
HD9715, A2R915 68-
- SCHWE, HEINZ.**
Verleichte aus Moskau. (Frankfurt a. M., Heyne, 1968) 171 p., 18 cm. (Hilke Buch)
DK801, 2, S33 68-
- SCHILLER, OTTO.** 1981-
Das Agrarsystem der Sowjetunion. Entwicklung seiner Struktur und Produktivität. 7. Aufl. (Bübel, 1968) 171, [1] p., 24 cm. (Arbeitsgemeinschaft für Osteuropaforschung, Forschungsberichte und Untersuchungen zur Zeitgeschichte, Bd. 1)
HD1002, S273 68-
- SCHLITZER, HILMAR.**
Studien zur Geschichte des russischen Rechts 1750-1900. Wiesbaden, O. Harrassowitz, 1967. 182 p., 24 cm. (Osteuropastudien der Arbeitsgemeinschaft für Osteuropaforschung, Reihe 3; Frankfurter Abhandlungen zur Slavistik, Bd. 10)
PG3070, S3 68-
- SCHMIDT, WEINER.** art. crit.
Russische Graphik des XIX [u. des XX] Jahrhunderts. XX [i. e. zwanzigsten] Jahrhundert. Eine in der Privatammlung. Leipzig, Neumann, 1967. X, 476 p., 27 cm.
NC905, S4 68-
- SCHNADE, ROSE.**
Moskau. Einführung von Theo-Marlene B. (Reaktionelle Bearbeitung: Ameliese Jäger) über, mit erw. Anl. [u. Wien] Die Reaktion [1967] 11 p., 13-187 p., 31 cm.
DK881, 2, S37 1067 68-
- SCHWEISFURTH, THEODORE.**
Der Internationale Vertrag in der modernen jettischen Völkerrechtstheorie. Köln, Verlag der Gesellschaft und Politik [1968] 340 p., 24 cm. (Abhandlungen des Bundesinstituts für Ostwissenschaftliche und Internationale Studien, Bd. 18)
JX4167, S38 68-
- SITYL'KO, ANATOLI ALEKSANDROVICH.**
188 [i. e. Cent hui] millions de personnes [par] Anatoli Sityl'ko. [Moscow] Éditions de l'Agence de presse "Novosti" [1965] 63 p., 15 cm.
HD7287, 0, R655 68-
- SIGNORETTI, ALFREDO.**
Morte a Mosca. Milano, Edizioni del B. 1967. 480 p., 18 1/2 cm. (Il libro del bambino).
DK266, S528 68-
- SOGLIAN, FRANCO.**
La rivoluzione russa. Milano, Dall'Oglio, 362 p., plates, 18 cm. (I Corvi: collana di riviste moderne, n. 169. Sezione Illustrata, 26)
DK285, S5564 68-

SOVIETLITERATUR. Eine Auswahl von Barthespreche-
tagen. (Auswahl W. Krenck.) Dortmund, Rheinisch-
Westfälische Auslandsgesellschaft (1965). 76 p. 30 cm.
(Osteropa-Reihe, Bd. 1)
Z25C4. T7S6 66-118862

TROTSKI, LEV. 1879-1940.

La Bureaucratie stalinienne et l'assassinat de Ki-
rov par Léon Trotsky, Paris, Editions Librairie du
travail, [1987?] 48 p. 24 cm.
DK297.3 1967.T7 68-122645

UHLMANN, MARIE.

Leines Werk in deutscher Sprache: Bibliographie.
[Zusammengestellt und bearb. von Maria Uhlmann
unter Mitwirkung von Helga Nussner. 1. Aufl.] Berlin,
Dietz, 1967. 24. 677 p. 21 cm.
Z85C6.8 U4 66-117621

DIE WUNDERMÄRKE. 100 Märchen aus der Sowjetunion.
Hrsg. v. Gerhard Gossmann. (12. Aufl.) Berlin, Ver-
lag Kultur und Fortschritt, 1967. 502 p. 27 cm.
P234.W78 1967 68-124102

ZOSCHENKO, MIKHAIL MIKHAILOVICH. 1895-1958.
Werthers Jarden oder Die Zukunftsvisionen eines
Radfahrers [von] Michail Soschtschenko. [Aus dem Rus-
sischen übers. von Thomas Reschke. Auswahl und
Nachwort von Herbert Krompen, 1. Aufl.] Berlin,
Rütten & Loening [1968] 229 p. 22 cm. Translation of
Spiradina Vertova.
PG3476.Z7S715 68-124043

Monthly Index *of* Russian Accessions



Volume 21, No. 9

December 1968

THE LIBRARY OF CONGRESS
WASHINGTON : 1969

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1956 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1956. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

Single copy prices vary; subscription price, \$23.00 a year domestic, \$5.75 a year additional for foreign mailing.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

VOLUME 21, NO. 9

DECEMBER 1968

TABLE OF CONTENTS

	Page
Guide to Subject Classifications.....	ix
Subject Classes Arranged Alphabetically.....	xx
Part A—Monographic Works	
1. General.....	2245
2. Bibliography.....	2245
3. Philosophy & Religion.....	2245
4. History.....	2245
5. Social Sciences.....	2246
6. Political Science.....	2248
7. Law.....	2248
8. Education.....	2248
9. Music, Theater & Motion Pictures.....	2248
10. Fine Arts.....	2249
11. Language, Literature & Folklore.....	2249
12. Geography & Geology.....	2250
13. Science.....	2250
14. Medicine.....	2252
15. Agriculture.....	2253
16. Technology.....	2254
17. Military & Naval Sciences.....	2258
Part B—Periodicals	
1. General	
a. Scholarly journals.....	2250
b. Popular magazines.....	2261
2. Bibliography	
a. Bibliography.....	2262
b. Libraries & library science.....	2263
c. Printing & the book trade.....	2264
3. Philosophy & Religion	
a. Philosophy.....	2264
b. Religion.....	2265
4. History	
a. General.....	2265
b. Archaeology & antiquities.....	2265
5. Social Sciences	
a. Commerce.....	2265
b. Economics.....	2266
c. Finance.....	2268
d. Labor.....	2268
e. Sociology.....	2270
6. Political Science.....	2270
7. Law.....	2271
8. Education	
a. General.....	2272
b. Physical education & games.....	2272

9. Music, Theater & Motion Pictures
 - a. Motion pictures.....
 - b. Music.....
 - c. Theater.....
10. Fine Arts
 - a. General.....
 - b. Architecture.....
11. Language, Literature & Folklore
 - a. Language.....
 - b. Literature & folklore.....
12. Geography & Geology
 - a. Ethnology.....
 - b. Geography.....
 - c. Geology & paleontology.....
13. Science
 - a. General.....
 - b. Astronomy.....
 - c. Biology.....
 - d. Chemistry.....
 - e. Mathematics.....
 - f. Physics.....
14. Medicine
 - a. General.....
 - b. Gynecology, obstetrics & pediatrics.....
 - c. Neurology & psychiatry.....
 - d. Ophthalmology & otorhinolaryngology.....
 - e. Pathology & therapeutics.....
 - f. Pharmacy & materia medica.....
 - g. Public health & nursing.....
 - h. Surgery & dentistry.....
 - i. Venereology & dermatology.....
15. Agriculture
 - a. General.....
 - b. Animal industry.....
 - c. Forestry.....
 - d. Plant culture.....
16. Technology
 - a. General.....
 - b. Aeronautics.....
 - c. Chemical technology.....
 - d. Civil & construction engineering.....
 - e. Electrical engineering.....
 - f. Industries & trades.....
 - g. Mechanical engineering.....
 - h. Mining & metallurgy.....
17. Military & Naval Sciences
 - a. Military science.....
 - b. Naval science.....

Part C—List of Periodicals Indexed and Abbreviations Used.....
Subject Index to Monographs and Periodicals.....

Part D—Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages recently cataloged by the Library of Congress

I. GENERAL

[CHILDREN'S ENCYCLOPEDIA. For the middle and older age groups] Detskaya entsiklopediya. Dlya sred. i starsh. vozrasta. 2-p izd. Moskva, "Prosveshcheniye," 1968, 527 p.

T. II. [Language, Belles-lettres] Iazyk. Khudozhestvennaya literatura. 1968. 527 p.

IAKOVKINA, N. I. [Russian culture in the second half of the 16th century] Russkaya kul'tura vtoroi poloviny XIX veka. Leningrad, Izd. Leningr. un-ia, [Ch. 1], 1968, 82 p.

KOLOSENDK, S. V., and I. M. MONOSOV. [Culture of Soviet Karelia] Kul'tura Sovetskoi Karelii. Petrozavodsk, Karelskoe kn. izd., 1967, 155 p.

[NOTEBOOK OF A BOOKLOVER. 1967] Zapiski knizhka knizhlova. 1967. Moskva, "Kniga," 1967, 222 p.

[YEARBOOK OF THE GREAT SOVIET ENCYCLOPEDIA] Ezhegodnik Bol'shoi sovetskoi entsiklopedii. Glav. red. I. S. Shauimlan. [Moskva, "Sov. entsiklopedii"]. Vyp. 11. 1967, 623 p.

2. BIBLIOGRAPHY

[BOOKS ON THE KUBAN PUBLISHED IN 1966] Knigi o Kubani za 1966 god. Krasnodar, 1967, 89 p.

[BOOKS PUBLISHED BY THE "NAUKA" PUBLISHING HOUSE IN THE KAZAKH S. R. 1968. (Order blank)] Knigi izdatel'stva "Nauka" Kazakhskoi SSR, 1968. (Blank razkhozov). Alma-Ata, "Nauka," 1967, 102 p.

[CENTRALIZED CLASSIFICATION BASED ON THE UNIVERSAL DECIMAL CLASSIFICATION. (Methods of indexing and techniques of its use)] Tsentralizovannaya klassifikatsiia po UDK. (Metodika indeksatsii i tekhnika ispol'zovaniia). Moskva, 1967, 86 p. (Metod. materialy po Univer. deial'noi klassifikatsii. Zhestv. i tekhn. nauki).

GRACHEVA, I. B., and V. N. FRANTSKEVICH. [National bibliography of the U. S. S. R. A reference book] Gosudarstvennaya bibliografiia SSSR. Spravochnik. Izd. 2-o. pererabot. i dop. Moskva, "Kniga," 1967, 111 p. VIU

LENIZDAI. Leningrad. [Brief outline history] Kratki istoricheski ocherk. Leningrad, 1967, 168 p.

[LIBRARY COLLECTIONS. A textbook for library science faculties of institutes of culture] Bibliotecznye fondy. Uchebnik dlia bibliotekh. fak. in-tov kul'tury. Moskva, "Prosveshcheniye," 1967, 203 p.

[LITERATURE ON THE KOMI A. S. S. R. IN 1965] Literatura o Komi ASSR za 1965 god. Syktyvkar, Komi kn. izd., 1967, 162 p.

MIROVOI TSENTR DANNYKH BI. Katalog periodicheskikh izdani. Catalogue of the periodical publications. Moskva, 1967, 39 p.

[PROBLEMS OF THE BIBLIOGRAPHY OF SOCIO-POLITICAL LITERATURE] Voprosy bibliografi obshchestvenno-politicheskoi literatury. Sbornik statei. Moskva, "Kniga," 1967, 172 p.

[STUDY YOUR REGION! Methodological and bibliographical materials aiding libraries in their work] Izuchai svoi krai. Metod. i bibliogr. materialy v pomoshch' rabote b-k. Saransk, Mordov. kn. izd., 1967, 89 p.

3. PHILOSOPHY & RELIGION

CHMIELEWSKI, HENRYK. [Christianity and the religions of the world. Translated from the Polish] Khristianstvo i religii mira. Moskva, Politizdat, 1968, 192 p.

[CURRENT PROBLEMS OF MARXIST ETHICS] Aktualnye problemy marksistской etiki. (Sbornik statei). Vstupit. stat'ia i obshch. red. O. D. Bandzoldze. Tbilisi, Izd. Tbil. un-ia, 1967, 495 p.

DOBRIANOV, V. S. [Methodological problems of theoretical and historical knowledge] Metodologicheskie problemy teoreticheskogo i istoricheskogo poznaniia. Moskva, "Mysl," 1968, 318 p.

[HISTORY OF PHILOSOPHY IN THE U. S. S. R. In five volumes] Istoriia filosofii v SSSR. V 5-ti t. Moskva, "Nauka," T. I. 1968, 579 p.

LAVRETSKI, I. R. [Gods in the tropics. Religious cults of the Antilles] Bogi v tropikakh. Religioznye kul'ty Antil. ostrovov. Moskva, "Nauka," 1967, 160 p.

[MARXIST-LENINIST PHILOSOPHY] Marksistско-leninskaya filosofiya. Moskva, "Mysl," [Ch. 2]. [Historical materialism] Istoriicheski materializm. 1968, 367 p.

[A METHODOLOGICAL MANUAL FOR THE STUDY OF MARXIST-LENINIST PHILOSOPHY. For students of the Correspondence Higher Party School attached to the Central Committee of the CPSU and the universities of Marxism-Leninism] Metodicheskoe posobie po izucheniю marksistско-leninskoi filosofii. Dlia stushalovetsi ZVPSh pri TsK KPSS i un-iv marksizma-leninizma. Moskva, "Mysl," [Ch. 2]. [Historical materialism] Istoriicheski materializm. 1967, 80 p.

[PHILOSOPHICAL PROBLEMS IN K. MARX'S "DAS KAPITAL, I"] Filosofskie problemy "Kapitala" K. Marksa. (Sbornik statei). Moskva, Izd. Mosk. un-ia, 1968, 313 p.

ROZHN, V. P. [Problems of philosophy and sociology in the decisions of the 23d Congress of the CPSU] Voprosy filosofii i sotsiologii v resheniiakh XXIII s'ezda KPSS. Leningrad, 1968, 40 p.

[THEORY OF KNOWLEDGE AND CONTEMPORARY SCIENCE] Teoriia poznaniia i sovremennaya nauka. Poit red. i a predist. A. M. Korshunova. Moskva, 1967, 216 p.

TSAREGORODTSEV, G. I. [Medicine and religion] Meditsina i religiya. Moskva, "Znanie," 1968, 60 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Eshesivoznanie i religiya," 8).

4. HISTORY

BEREZKIN, A. V. [The October Revolution and the U. S. A. 1917-1923] Oktabr'skaya revoliutsiia i SShA, 1917-1922 gg. Moskva, "Nauka," 1967, 495 p. In Rd

BYCHEVSKI, B. V. [City as a frontline] Gorod-front. [2-o rasshir. i dop. izd.] Leningrad, Lenizdat, 1967, 431 p.

[COMBAT GLORY OF ALTAI] Boevaya slava Altai. Barnaul, Alt. kn. izd. (Goroi Sovetskogo Soyuza - nashi zoniaki). Kn. I. 1967, 320 p.

[THE COMMUNISTS OF WESTERN SIBERIA. 1917-1967. Materials of a conference of social science teachers of schools of higher education of Tyumen Province devoted to the 50th anniversary of the Great October Socialist Revolution, April 10-13, 1967, Section of the History of the CPSU] Kommunisty Zapadnoi Sibiri, 1917-1967. Materialy Nauch. konferentsii prepodavatelei obshchestv. nauk vuzov Tiumen. obl. posvyashch. 50-letiiu Velikoi Oktabr'skoi sol. revoliutsii. 10-13 apr. 1967 g. Soldatn istorii KPSS. Tiumen', 1967, 246 p.

[CUNEIFORM TEXTS FROM KUL-TEPE IN THE COLLECTIONS OF THE U. S. S. R. (Letters and documents of a commercial corporation in Asia Minor of the 19th century B. C.)] Kibopisnye teksty iz Kul'-Tepe v sobraniakh SSSR. (Pis'ma i dokumenty torg. ob'edineniya v Maloi Azii XIX v. do n. e.) Avtogr. kopii, transkripsii, perevod, vvedeniia stat'ia, komment. i glossarii M. B. Iankovskoi. Moskva, "Nauka," 1968, 306 p. (Pamiatniki pis'mennosti Vostoka, 14).

GOL'DBERG, D. I. [History of the revolutionary movement in Japan. Onset in September 1905] Iz istorii revoliutsionnogo dvizheniia v Iaponii. Seriya "Istoriia voleniia 1905 g. Leningrad, Izd. Leningr. un-ia, 1968, 43 p.

GRAUDONIS, JANIS. [Latvia in the late Bronze and early Iron Age. Beginning of the disintegration of primitive communities] Latvija v epokhu pozdniet bronzy i rannego zheleza. Nachalo razluzheniia pervobykh-shchinnogo stroia. Riga, "Zinane," 1967, 165 p.

[HISTORY OF SIBERIA FROM THE ANCIENT PERIOD TO OUR TIMES. In five volumes] Istoriia Sibiri s drevneishikh vremen do nashikh dnei. V 5-ti t. Leningrad, "Nauka," T. I. [Ancient Siberia] Drevnaya Sibir'. 1968, 454 p.

[HISTORY OF THE KUZNETSK BASIN] Istoriia Kuznetsk. Komerovo, Kn. Izd.

Ch. 1. [History of the Kuznetsk Basin from the ancient period to the Great October Socialist Revolution] Istoriia Kuznetsk. s drevneishikh vremen do Velikoi Oktabr'skoi solisticheskoi revoliutsii.

Ch. 2. [History of the Kuznetsk Basin from the Great October Socialist Revolution to the beginning of socialist industrialization] Istoriia Kuznetsk. ot Velikoi Oktabr'skoi solisticheskoi revoliutsii do nachala solisticheskoi industrializatsii. 1967, 378 p.

[HISTORY OF THE UZBEK S. S. R. In four volumes] Istoriia Uzbekskoi SSR. V 4-kht. Glav. red. kollegia: R. Kh. Aminova i dr. Tashkoni, "Fan."

T. 1. [From the ancient times to the middle of the 19th century] S drevneishikh vremen do sereдины XIX veka. 1967, 770 p.

T. 2. [From the incorporation of Uzbek khannates into Russia before the Great October Socialist Revolution] Ot prisoeдинeniia uzbekskikh khansiev k Rossii do Velikoi Oktabr'skoi solisticheskoi revoliutsii. 1968, 662 p.

T. 3. [Victory of the Great October Socialist Revolution and the building of socialism in Uzbekistan. (1917-1937)] Pobeda Velikoi Oktabr'skoi solisticheskoi revoliutsii i postroyenie solializma v Uzbekistane. (1917-1937 gg.) 1967, 707 p.

KIBARDIN, M. A., E. I. MEDVEDEV, and A. A. SHISHKIN. [The October Revolution in rural areas. (Based on materials of the central Volga Valley) Oktabr' v derevno. (Na materialakh Sred. Povolzh'ia). Kazan', Izd. Kazan. un-ia, 1967, 227 p.

KROPOTKIN, V. V. [Economic contacts of Eastern Europe in the first millennium A. D.] Ekonomicheskie svyazi Vostochnoi Evropy v I tysiacheletii nashel ery. Moskva, "Nauka," 1967, 135 p.

KUDRIAVTSEV, A. S., I. I. MURAV'eva, and I. I. SIVOLAP-KAF'ANOVA. [Lectures in Geneva. Lenin's addresses in Geneva] Leningr. Zhonovsk. adreen Leningr. Moskva, Politizdat, 1967, 200 p.

LEBEDEV, V. V. [International situation of Russia on the eve of the October Revolution] Mezhdunarodnoe polozenie Rossii nakanune Oktabr'skoi revoliutsii. Moskva, "Nauka," 1967, 311 p.

LUKNITSKH, P. N. [Leningrad acts... Leningrad dostavot... Moskva, "Sov. plastel'." Kn. 3. 1968, 780 p.

MOCHUL'SKI, N. F. [The labor movement in England on the eve of the Second World War. (1834-1939)] Rubochnoe dvizhenie v Anglii nakanune vtoroi mirovoi volny. (1834-1939 gg.) Moskva, Izd. Mosk. un-ia, 1968, 362 p.

MON'KO, A. [Annals of heroic history] Letopis' gorotcheskoi istorii. Volgograd, N. - Volzh. kn. izd., 1967, 166 p.

NEJFLOW, N. L. [A drunkness hero of Imperial Russia] Bezstrashnyi villiz' Imperial'skoi Rossii. [n. p. n. d.] 106 p.

NELIDOV, N. V., and P. V. BARCHUGOV. [Lenin's school in Longjumeau] Leninskaya shkola v Longjumeau. Moskva, Politizdat, 1967, 78 p.

[OUTLINE HISTORY OF THE COMMUNIST PARTY OF WHITE RUSSIA] Ocherki istorii Kommunisticheskoi partii Belorussii. Minsk, Gosizdat BSSR. Ch. 2. 1921-1966. 1967, 588 p.

[OUTLINE HISTORY OF THE KALMYK A. S. S. R. The period before the October Revolution] Ocherki istorii Kalmytskoi ASSR. Dooktjabr'skii period. Moskva, "Nauka," 1967, 479 p.

[OUTLINE HISTORY OF TIRASPOL'] Ocherki istorii Tiraspolia. Kishinev, "Karlia moldovenaske," 1967, 189 p.

SEMIN, G. I., and A. S. NIKITINA. [Envoys of Lenin] Poslantsy Lenina, Simferopol', "Krym," 1967, 175 p.

SERGEEV, D. A. [Ethnographers and archaeologists in Chuvashia] Etnografy, arheologi na Chuvashii. Gornograd, 1968, 17 p. (Publ. Ioksh, proclit. v tekhn. im. I. U. M. Shokalskogo. Vyp. 5).

[SOME PROBLEMS CONCERNING THE STRATEGY AND TACTICS OF THE BOLSHIEVIST PARTY DURING THE OCTOBER REVOLUTION] Nekotorye voprosy strategii i taktiki partii bol'shevikov v Oktjabr'skoi revoliutsii. Moskva, "Mysl'," 1968, 444 p.

[STRUGGLE FOR THE SOVIET REGIME IN WHITE RUSSIA. 1918-1920. A collection of documents and materials. In two volumes] Bor'ba za Sovetskuiu vlast' v Belorussii. 1918-1920 gg. Sbornik dokumentov i materialov. V 2-kh t. Minsk, "Belarus," T. 1. (February 1918-February 1919) Fevral' 1918 g. - fevral' 1919 g. 1968, 602 p.

[STUDIES IN THE HISTORY OF THE KOSTROMA ORGANIZATION OF THE CPSU] Ocherki istorii Kostromskoi organizatsii KPSS. Leningrad, Verkh. Volzh. kn. izd. 1967, 404 p.

[THE UKRAINIAN S. S. R. DURING THE CIVIL WAR. 1917-1920. In three volumes] Ukrainskai SSR v period grazhdanskoi volny. 1917-1920 gg. V 3-kh t. Kiev, Politizdat Ukrainy.

T. I. [Victory of the Great October Socialist Revolution in Russia. Restoration and consolidation of Soviet rule in the Ukraine. Patriotic war of the Ukrainian people against the Austro-German occupation forces. (March 1917-November 1918)] Pohoda Velikoi Oktjabr'skoi solgatskoi revoliutsii v Rossii. Vostanovlenie i ukreplenie Sovetskoi vlasti na Ukrainu. Olecho-sievnaia volna ukrainskogo naroda protiv avstro-germanskikh okupantov. (Mart. 1917 - nojabr' 1918 g.) 1967, 473 p.

VINOGRADSKAIA, P. S. [Events and memorable encounters] Sbyitiia i pamiatnye vsrechi. Moskva, Politizdat, 1968, 239 p.

VORODTSOVA, I. I. [Work of the delegation of the Central Committee of the Russian Social Democratic Party (Bolsheviks) in Stockholm. (April-November 1917)] Delatel'nost' predstavitel'stva TsK RSDRP (b) v Shokgol'me. (April - nojabr' 1917 g.) Moskva, Izd. polit. lit., 1968, 150 p.

[WE SAW AND HEARD LENIN, Reminiscences] My vichei i slyshali Lenina. Vospominaniia. [Simferopol', "Krym," 1967]. 200 p.

ZILURINA, V. I., comp. [Summoned by the revolution. (An index of recommended literature)] Revoliutsii prizvanyie. (Rekomendatsii i ukazatel' literatury). Sverdlovsk, 1967, 58 p.

5. SOCIAL SCIENCES

ABROSIMOVA, N. A. [The length of service of collective farm members and how to determine it] Trudovoi stazh chlenov kolchozov i poriadok ego podverzheniia. (2-e dop. izd.) Moskva, Rossel'khozizdat, 1968, 38 p. (Chto dolzhen znat' kolchoznik o pensiiakh i posobiakh).

[ACHIEVEMENTS OF THE TATAR A. S. S. R. ON THE 50th ANNIVERSARY OF THE SOVIET REGIME. A statistical abstract] Dostizheniia Tatarskoi ASSR k 50-letiu Sovetskoi vlasti. Stat. sbornik. Kazan', "Statistika," 1967, 141 p.

ANKIN, A. V. [Adam Smith] Adam Smit. Moskva, "Mol. gvardia," 1968, 255 p. (Zhizn' zaimatel'nykh ljudi. Seria biografii. Vyp. 3 (440)).

BAIKOV, M. A., and G. A. TATARIAN. [Method of inter-plant technical and economic analysis] Metodika mezhzavodskogo tekhniko-ekonomicheskogo analiza. Moskva, "Ekonomika," 1968, 176 p.

BEZUKHOV, N. I. [Fundamentals of the theory of elasticity, plasticity, and creep] Osnovy teorii uprugosti, plastichnosti i poluzhechii. Izd. 2-e, ispr. i dop. Moskva, "Vyssh. shkola," 1968, 512 p.

BLAGOVESHCHENSKAIA, N. S., and V. E. SEGALOV. [The communist labor movement. Answers to questions] Dvisheniye za kommunisticheskii trud. Osvety na voprosy. [Moskva] Proizdat, 1968, 64 p. (B-chka profsoznogo aktivista, 19 (21)).

BRUDNIK, S. S. [Automation in the management of enterprises] Avtomatizatsiia upravleniia predpriatiem. Moskva, "Ekonomika," 1968, 48 p. (B-chka khoz. rukovodstva).

DRUTENTS, K. N. [Contemporary revolutionary democracy] Sovremennaya revoliutsionnaya demokratiia. Moskva, "Znanie," 1968, 48 p. (Kovce v zhizni, nauke, tekhnike. Seria "Nauch. kommunizm," 6).

CHEMBER, N. E. [Accounting and analysis of the balance sheet of an automotive transportation enterprise] Bakhgaliter'skii vchet i analiz balans avtotransportnogo predpriatiia. Moskva, "Transport," 1967, 380 p.

CHERNOV, E. S. [Capital assets under new conditions of management] Osnovnye loady v novykh usloviakh khoz. upravleniia. Moskva, "Ekonomika," 1967, 61 p. (Predpriiatie v novykh usloviakh).

CHIZHOV, K. IA. [International foreign currency exchange and financial organizations of capitalism] Mezhdunarodnye valyutno-finansovye organizatsii kapitalizma. [2-e dop. izd.] Moskva, "Finansy," 1968, 223 p.

[CHUVASHIA DURING THE SEVEN-YEAR PLAN. (1959-1965)] Chuvashia v gody semiletii (1959-1965 gg.) Sbornik statet. Cheboksary, Chuvashskoe kn. izd., 1967, 144 p.

[THE CITY OF DUSHANBE ON THE 50th ANNIVERSARY OF THE GREAT OCTOBER SOCIALIST REVOLUTION] Gorod Dushanbe k 50-letiu Velikoi Oktjabr'skoi solgatskoi revoliutsii. Dushanbe, "Statistika," 1967, 112 p.

[COLLECTION OF ARTICLES ON DESIGN AND RESEARCH COSTS IN CONSTRUCTION] Sbornik issled. na proektny i issledatel'skuyu rabotu dlia stroitel'stva. Izd. ofits. Moskva, Stroiizdat.

Ch. 2. [Costs for assembling project buildings] Tseny na razrabotku proektnykh zdani. Razd. 28. [Buildings and structures of air transport] Zdanila i sooruzheniia vozdukhogo transporta. Uiv. 20/VI 1967 g. 1968, 11 p.

Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhei. Razd. 5. [Ornament industry] Gornorudnii promyshlennost'. Uiv. 15/V 1967 g. 1968, 7 p.

Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhei. Razd. 13. [Machinery industry] Mashinostroitel'nai promyshlennost'. Uiv. 28/VI 1967 g. 1967, 8 p.

Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhei. Razd. 16. [Forestry and woodworking industry] Lesnaia i derevobrabatovshchinskai prom-st'. Uiv. 18/VII 1968 g. 1968, 17 p.

Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhei. Razd. 20. [Food industry] Pishchevaya prom-st'. Uiv. 23/VII 1967 g. 1968, 53 p.

Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhei. Razd. 24. [Highways, city transportation] Avtomobil'nye dorogi, gorodskoi transport. Uiv. 12/VI 1967 g. 1967, 12 p.

[COLLECTION OF PROBLEMS IN ECONOMIC STATISTICS] Sbornik zadach po ekonomicheskoi statistike. 2-e perebot. i dop. izd. Moskva, "Statistika," 1968, 368 p.

[COMMENTS TO THE LEGISLATION ON PENSIONS AND ALLOWANCES FOR COLLECTIVE FARMERS] Kommentarii k zakonodatel'stvu o pensiiakh i posobiakh kolchoznikam. Pod obsheh. red. V. N. Mikhalko-vicha. Moskva, "Iurid. lit.," 1968, 263 p.

[CONTRIBUTION OF KIROV PROVINCE TO THE 50th ANNIVERSARY OF THE OCTOBER REVOLUTION. A statistical abstract] Kirovskai oblast'. 50-letiu Oktjabria. Statisticheskii sbornik. Gor'kii, "Statistika," 1967, 176 p.

DI VITTORIO, ANITA. [Giuseppe Di Vittorio, as I knew him. Translated from the Italian] Giuseppe Di Vittorio, kakim ja ego znala. [Moskva] Proizdat, 1967, 317 p.

DOLZHIYKH, V. N. [Industry of the Lake Baikal region and the effectiveness of its development. Statistical abstract] Pribaikalskaia effektivnost' ee razvitiia. [Irkutsk], Vost.-Sib. kn. izd., 1967, 184 p.

DRONOV, F. A., and V. P. KARAVAKH. [Effectiveness of capital investments in construction] Effektivnost' kapital'nykh vlozhenii v stroitel'stvo. Minsk, "Nauka i tekhnika," 1968, 171 p.

[ECONOMIC AND TECHNICAL FOUNDATION OF SOCIALIST COUNTRIES] Materialno-tekhnicheskai baza stran solgatsizma. Moskva, "Nauka," 1967, 292 p.

[ECONOMIC EFFICIENCY OF CAPITAL INVESTMENTS AND PRODUCTION FUNDS. As exemplified by the chemical industry of Dnepropetrovsk] Ekonomicheskai effektivnost' kapital'nykh vlozhenii i proizvodstvennykh fondov. Na primere khim. prom-sti Bashkarii. Moskva, "Nauka," 1968, 247 p.

[THE ECONOMIC REFORM. Practice and prospects] Khoziashtvennaia reforma. Opyt perspektivy. Pod red. N. E. Drogichinskogo, D. I. Tsharova. Moskva, "Ekonomika," 1968, 263 p.

[THE ECONOMIC SYSTEM OF SOCIALIST SOCIETY] Ekonomicheskii stroi solgatsicheskogo obshchestva. Pod red. I. M. Drovera. Moskva, "Mysl'," 1967, 199 p.

EFIMOV, A. E. [Meet the chief economist] Znakom'ste's, glavnii ekonomist. Moskva, "Mok, rabochii," 1967, 80 p. (Problemy i kharaktery).

EGIAZHIAN, B. O. [Evaluating the economic efficiency of capital investments in industry] Otsenka ekonomicheskoi effektivnosti kapital'nykh vlozhenii v promyshlennosti. Kirovskai, izd. AN Arm. SSR, 1968, 257 p.

[THE HISTORIAN S. S. R. DURING THE YEARS OF THE SOVIET REGIME. A brief statistical abstract] Istorik SSSR za gody Sovetskoi vlasti. Kratki stat. sbornik. Tallinn, "Statistika," 1967, 245 p.

EYSTEINER, R. N. [Economic reforms in the European socialist countries] Ekonomicheskie reformy v evropeiskikh stranakh solgatsizma. Moskva, Politizdat, 1968, 128 p.

[THE 50-YEAR STRUGGLE FOR NATIONAL HAPPINESS] 50 let bor'by za narodnou sчаст'iu. Dushanbe, "Irlon," 1967, 220 p.

GOLOSCHIAPOV, V. A., comp. [The accountant's manual for selling accounts with workers and employees] Spravochnik bukhgalitera po raschetam s rabochimi i sluzhbaslichimi. Moskva, "Finansy," 1967, 161 p.

GUBAREVA, O. E. [Sources of the growth of national welfare in the U. S. S. R.] Istochniki rosta narodnogo blagosostoiia v SSSR. Moskva, "Mysl'," 1968, 188 p.

HALPIN, J. P. [Zoro defects. A new dimension in quality assurance. Translated from the English] Zedeknost'. Novyi podkhod k problemo obospecheniia kachestva. Pod red. IA. M. Sorina. Predisl. A. I. Berga. Moskva, "Mir," 1968, 335 p.

[HANDBOOK OF CONSOLIDATED INDICES OF ESTIMATED COST AND EXPENDITURE OF RESOURCES. Buildings and structures of therapeutic and prophylactic institutions] Spravochnik ukrupnykh pokazatelei smelnot staimosti i rashoda resurov. Zdanila i sooruzheniia lechebno-profilakt. uchrezhdenii. Izd. ofits. Moskva, Stroiizdat. Vyn. 1. [Complexes of therapeutic institutions and separate therapeutic buildings] Kompleksy lechebnykh uchrezhdenii i otdel'nye lechebnye zdanila. Uiv. 6/VI 1967 g. Vved. v deistvie s 1-go ianv. 1968 g. 1968, 302 p.

HANSEN, BERTRAND L. [Quality control. Theory and applications. Translated from the English] Kachestvo. Teoria i primeneniie. Pod obsheh. red. I. A. K. Shubnikova. Moskva, "Progress," 1968, 619 p.

IAREMENKO, I. V. ["Great leap" and people's communes in China] "Bol'shoi skachok" i narodnye kmuny v Kitae. Moskva, Politizdat, 1968, 143 p.

[RETURN OF EXPENDITURES IN AGRICULTURE]
Okupnemost' zlatra v sel'skom khoziaistve. Minsk
"Urozhai," 1967. 180 p.

ROGOVOI, L. Z. [Efficient structure of management in industrial enterprise] Ratsional'naya struktura upravleniya na promyshlennom predpriyatii. Mosk. "Ekonomika," 1967. 46 p. (B-chka khoz. rukovodstva).

SANOIAN, G. G. [Methods of keeping records of capacity for work] Melody ucheta rabotospособnosti. Most "Ekonomika." 1968. 63 p. (B-chka NOT).

SAZANSKIĬ, I. I., comp. [Problems of economics and the organization of agricultural production in Western Siberia] Voprosy ekonomiki i organizatsii sel'skokhoziaistvennogo proizvodstva Zapadnoi Sibiri. Po red. M. I. Tikhomirova. Novosibirsk. Vys. 1. 1955. 499 p.

SHELEPIN, A. M. (Annual report of the All-Union Central Council of Trade Unions to the 14th Congress of Trade Unions of the U. S. S. R., February 27, 1968). Otsheinyi doklad Vsesoyuznogo Tsentral'nogo Soveta Professional'nykh Soyuzov XIV s"ezdu professional'nykh Soyuzov. SSSSR, 27 fevr., 1968 g. (Moskva), Profizdat, 1968, 71 p.

[THE SOCIALIST REVOLUTION AND MODERN CAPITALISM] *Sotsialisticheskaya revoliutsiya i sovremnyi kapitalizm*. Glav. red. V. I. Abailin. Moskva "Mysl". " 1968. 367 p.

(SOCIOECONOMIC PROBLEMS OF THE DEVELOPING COUNTRIES. Materials of a scientific and theoretical conference of teachers of social sciences) *Sotsial'no-ekonomicheskie problemy razvivayushchikhся sotsial'nykh kraev. Nauchno-teoreticheskoe konferentsii py predavatelei obshchestvennykh nauk. Moskva, 1986* 132 p.

SONKIN, V. L., and B. A. SOBOL'EV. [Production and
means and ways of improving its efficiency] Upraz-
nye proizvodstva i puti povysheniya ego effektivnosti
Minsk. "Belarus", 1967. 174 p.

[STANDARD BRANCH NORMS FOR ISSUING FREE CLOTHES, WORK SHOES, AND PROTECTIVE DEVICES) Tipovyye otnosivyye normy besplatnoy vydati spetsodezhdy, spetsobuvi i predokhranitelnykh priprasoobniti. [Moskva], Profizdat, Vys. 1, 1988, 856 p.

STANISLAV GUSTAVOVICH STRUMLIN, Vstupil,
stat'ia L. E. Mintea, Bibliogr. sost. G. N. Finkel,
Moskva, "Nauka," 1980, 100 p. (Materialy k bi-
bliografii uchonykh SSSR, Seriya ekonomiki, V.

[STAVROPOL TERRITORY DURING 50 YEARS. A
 statistical abstract] Stavropol's za 50 let. Sbornik
 materialov. Stavropol'. Kn. 12d., 1968. 210 p.

SUD'BIN, I. M. [Accounting and reporting in trade union organizations] Uchet i otchetnost' v professyonskikh organizatsiyakh. [Moskva], Profizdat, 1966. 46 p. (B-sika profsoyuznogo khitvstva, 28(212))

SUKHAREVSKII, D. M. [Lectures in industry and economic aspects of socialism, (Problems of theoretical and practical) Stimulirovaniye proizvodstva i ekonomika sotsializma, (Voprosy teorii i praktiki), Moskva: "Ekonomika," 1988, 94 p. (Khoz. reforma i planovaya ekonomika, teorii).

SYSTEM OF THE AUTOMATIC PROCESSING OF WRITTEN CORRESPONDENCE. (Principles of ing.) *Sistema avtomaticheskoi obrabotki pis'm korrespondentsii.* (Printsipy inkaetatsii). Most "Sviaz", 1966, 46 p. (Novoe v tekhnike svyazi).

TIKIDZHIYEV, R. N., and A. N. RAKILEEV. [Efficacy of payments for production units] *Effektivnost' za proizvodstvennyye fondy*. Moskva, "Ekonomika" 1967. 86 p. (Predpriyatie v novykh usloviyakh).

[TIME TABLE FOR PASSENGER TRAINS. (Concl.)
1968-1969) Raspisanie dvizheniya passazhirsk
poezdov. (Kratkoe). Na 1968-1969 gg. Moskva
part " 1968. 380 p.

[TRUE STORIES OF THE KUZNETSK REGION]
 zopii Kuznetskoi. Kemerovo, Ku. izd., 1937.

[THE U. S. S. R. AND THE UNION REPUBLICS IN
(Reports of the Central Statistical Administration
the U. S. S. R. and the Union republics on the r

v 1967 godu. (Sobeshchenia TsSU SSSR i TsS
nykh respublik ob islogakh vypolneniya gos. pl

301 p.

- [THE U. S. S. R. IN FIGURES IN 1987. A brief statistical abstract] SSSR v ispravah v 1987 godu. Kratki stal. sbornik. Moskva, ["Statistika"], 1988. 159 p.
- VAGABOV, M. V. [Islam and women] Islami i zhens'china Moskva, "Mysl", 1988. 230 p.
- VELENTSEVA, N. I., O. I. LAVRISHIN, and I. D. MAMONOVA, [Bank interest] Bankovskii protsents. Moskva, "Finansy", 1987. 71 p.
- VERSIONIN, A. M., and M. A. SERGEEV. [Technical and economic analysis in business accounting] Tekhniko-ekonomicheskiy analiz v sisteme khozhaistvennogo rascheta. Moskva, 1987. 53 p. (V pomoshch' lek-toru. Nauch.-metod. sovet po propagande ekon. znaniy).
- [VLADIMIR PROVINCE DURING 50 years. A statistical abstract] Vladimirskaia oblast' za 50 let. Stal. sbornik. Vladimir, ["Statistika"], 1967. 144 p.
- ZINJKOV, TODOR. [Intensive development of the socialist economy in the People's Republic of Bulgaria. Translated from the Bulgarian] Ob intenzivnom razvitiy socialisticheskoy ekonomiki v Narodnoy Respublike Bolgarii. Moskva, Politizdat, 1987. 470 p.

6. POLITICAL SCIENCE

- [CONSTITUTIONAL LAW OF BOURGEOIS STATES AND COUNTRIES WHICH HAVE BECOME FREE OF COLONIAL DEPENDENCE] Gosudarstvennoe pravo burzhuaazykh stran i stran, osvobodivshikhsia ot kolonial'noi zavisimosti. Pod red. V. E. Chirkina. Moskva, "Vyssh. shkola," 1968. 360 p.
- CORNU, AUGUSTE, [Karl Marx and Friedrich Engels. Lives and work. Translated from the German] Karl Mark i Fridrikh Engel's. Zhizn' i delat' inost'. Moskva, "Progres," 1968. 472 p.
- DMITRIEV, I. D. [Dzerzhinskiy, the first Chekist. Events of a heroic life] Pervyi chekist Dzerzhinskiy. Epizody geroin. zhizni. [Moskva, "Mol. gvardiya," 1968]. 221 p. [Pioneer - znauchi peroviy. Vyt. 4].
- [DOCUMENTS OF THE FOREIGN POLICY OF THE U. S. S. R.] Dokumenty vneshnei politiki SSSR. Moskva, Politizdat.
- [T. 13]. 1967. 863 p.
- [FOREIGN POLICY OF RUSSIA IN THE 16th AND EARLY 20th CENTURY. Documents of the Russian Ministry of Foreign Affairs. Series I. 1801-1805] Vneshnaya politika Rossii XIX i nachala XX veka. Dokumenty Ros. m-va inostr. del. Seriya I. 1801-1815 gg. Moskva, Politizdat. [In Russian, German, and French] [T. 5]. 1967. 784 p.
- GUS'KOV, S. V. [Soven Andreis] Sem' Andreis. Moskva, Politizdat, 1968. 142 p. [Porovot tvoego sovremennika].
- [HISTORY OF THE NATIONALITIES PROBLEM AND POLITICAL DEVELOPMENT IN THE U. S. S. R.] Istorika natsional'no-gosudarstvennogo stroitel'stva v SSSR. Moskva, "Mysl'."
- [T. 1]. [The nationalities problem and political development in the U. S. S. R. during the transition from capitalism to socialism. (1917-1936)] Natsional'no-gosudarstvennoe stroitel'stvo v SSSR v perekhodnyi period ot kapitalizma k sotsializmu. (1917-1936 gg.) 1968. 603 p.
- [HISTORY OF THE SOVIET STATE AND LAW. In three books] Istorika Sovetskogo gosudarstva i prava. V 3-kh kn. Otv. red. A. P. Koslitsyn. [Moskva, "Nauka"].
- Kn. 1. [Development of Soviet state and law. (1917-1920)] Stanovlenie Sovetskogo gosudarstva i prava. (1917-1920 gg.) Otv. red. A. P. Koslitsyn. 1968. 407 p.

- {HUMAN AT ALL TIMES. (Karl Marx). A composition]
Vsego chelovek. (Karl Marks). Kompozitsiya.
[Moskva, "Mol. gvardia," "1000" 240 p. (Pianer -
znachit pervyi. Vyp. 7).
- {INTERNATIONAL NONGOVERNMENTAL ORGANIZA-
TIONS. A guidebook [Mezhdunarodnyye nepravitel'-
stvennyye organizatsii. Spravochnik. Moskva, "Nauka,"
1987. 408 p.

- KAZAKOV, V. I. [Struggle for the establishment of national states in independent India] Bor'ba za sozdanie natsional'nykh shtatov v nezavisimoi Indii, Moskva, "Nauka," 1967. 252 p.

- KOZHICHIN, B. L. (Characteristics of the political organization of states which have chosen the road of noncapitalist development. Textbook for students of evening and correspondence schools of higher education on the course "Constitutional law of bourgeois states and the countries which have become free from capitalist dependence.") *Osobennosti politicheskoi organizatsii gosudarstv, razvivaiushchiesia po nekapitalisticheskomu puti. Ucheb. posobie dlia studentov vechernikh i zanoch. vzvok k kursu "Gos. pravo burzhuaznykh stran i stran, osvobodivshiesia ot kolon. zavisimosti."* Leningrad, Izd. Leningr. un-ta, 1968. 35 p. (V pomoshch' studentam vechernikh i zanochn. vzvov.).
- LEIDZON, D. M. (Petty-bourgeois revolutionism. (Anarchism, Trotskyism, and Maoism)) *Melkoburzhuaznyi revoliutsionarizm. (Ob anarkhizme, trotskizme i maotizme)*. Moskva, Politizdat, 1967. 159 p.
- [MARXISM-LENINISM, A UNIFORM INTERNATIONAL THEORY] *Marksizm-leninizm - odina internatsionalnoe uchenie*. Moskva, Politizdat, 1968. 2 v.
- MATVEEV, V. F. (We are not magicians as yet) *My пока не волшебники*. Moskva, "Aol. gvardia", 1967. 191 p. (Dlia tekh kto rabotat s plynami).

- [THE OCTOBER REVOLUTION AND SOLUTION OF THE NATIONALITY PROBLEM IN DAGESTAN.] Otkritiia sotsialnaia revoliutsiia i resheniie natsional'nogo voprosa v Dagestane. Makhachkala, Dagestgolizdat, 1967. 347 p.
- [RECOMMENDED SUBJECTS AND PLANS FOR INDEPENDENT STUDY OF SOME THEORETICAL PROBLEMS IN SCHOOLS OF PARTY EDUCATION IN THE 1968/69 ACADEMIC YEAR.] *Primerenyi temy i plany nezavisimoi teoreticheskoi problematiki dlia samostoiatel'nogo izucheniia v sisteme partinogo obrazovaniia v 1968/69 uchebnom godu.* [Moskva] Mosk. rabochi. Vyp. 1. [Individual classical works of Marx-Lenin-Leninism.] Odel'noye proizvedeniia klassiki marksizma-leninizma. 1968. 20 p.

- SEMIN, M. V. [Germans and Europe] Nostalgia I Europa.
Moskva, "Mezhdunar. otnosheniya," 1988. 107 p.

- SIMONIA, N. A. [Characteristics of national liberation revolutions] Ob osobennostykh natsional'no-osvoboditel'nykh revolyutsii. Moskva, "Znaka," 1966. 1968. 80 p.

- SLANKOV, K. S. (District and city soviets of workers' deputies. For municipalities of Marxism-Leninism.) *Ratounyi i gorodskoi Sovety deputatov trudiaschichikov.* Oita un-iv markizma-leninizma. Moskva, "Mysl," 1987. 47 p. (Osnovy sovetskogo gos. stroitel'stva i prava).

- TAIROV, T. F. (Races and politics. Contradiction of racism to international law) Rasy i politika. Mezhdunar. protivoprostivnost' razliza. Moskva, "Mezhdunar. otnosheniia," 1968, 144 p.

- TREASURE HOUSE OF THE GREAT IDEAS OF LENINISM.** "Complete works" of V. I. Lenin. Sukrovishch-nitsa velikikh idei leninizma. O "Polnom sobranii sochinenii" V. I. Lenina. 2-o izd. Moskva, Polbizdat, 1960. 297 p.

- VASIL'ENKOV, P. T. [Organs of the Soviet state and their system at the present stage] *Organy Sovetskogo gosudarstva i ikh sistema na sovremennom etape*. Moskva, Izd. Mosk. un-ta, 1967, 302 p.

- VOLOVICH, G. M. [Many-sidedness, (Notes on partly problems)] *Mnogogrannost'*. (Zametki na parti. temy). [Irkutsk] Voet. -Sb. kn. izd., 1967, 65 p.

- [WORKWAYS OF THE POLICE] Dudniy Mikhail. Krasnodar
Kol. izd., 1967. 208 p.

7. LAW

- THE CODE OF LAWS ON MARRIAGE, FAMILY, AND GUARDIANSHIP OF THE ARMENIAN SOVIET SOCIALIST REPUBLIC.** (With amendments and supplements as of October 1, 1967, and a supplementary index to the articles.) Kodok zakonov o brake, som' l opeke Armianskoi Sovetskoi Sotsialisticheskoi Respubliki. (S izm. i dop. na 1-o okt. 1967 g. i a pri poslatno-natsionalnizir. materialov). Erevan, "Ara-
1967." 198 p.

- [CONSTITUTION (FUNDAMENTAL LAW) OF THE UNION
OF SOVIET SOCIALIST REPUBLICS] Konstitutsiia
(Osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh
Respublik. Moskva, 1967. 107 p.

- DZIYAVAD, I. U. XII. [International agreements on rail-
line transportation]. Mezhdunarodnye soglasia: ta po
morskomo sudokhodstvu. Izd. 2-o, dop. Moskva,
"Transport", 1968, 144 il.

- [PUNITIVE ORGANS OF CONTEMPORARY IMPERIALIST STATES] Karatel'nye organy sovremennogo imperialisticheskogo gosudarstva. Moskva, "Nauka," 1966. 443 p.

- SULAIMANOVA, KH. S. [Collected works] Sobr. sochineni. Tashkent, "Fan,"
T. I, 1967, 306 p.

8. EDUCATION

- (EDUCATION IN THE FAR NORTH) Prosveshchenaia leta
Kraevnii Sever, Leningrad, "Prosveshcheniye," 1961,
228 p. (Sbornik v pomoshch' uchitel'noi sluzhby Kraevnogo
Severa, Vyp. 16).

- NAUCHNAYA BIBLIOTEKA IM. A. M. GOR'KOGO, Moscow.
[Brief index of literature on the history of Moscow
University during 50 years of Soviet rule] Knizh-
nitsa kazalei literatury po istorii Moskovskogo univ-
ersiteta za 50 let Sovetskoi vlasti. [Moskva: Izd. V. G.,
1967. 38 p.]

- OCHAKOVSKAIA, L. S. [Why?] 'Zhechem li? Mysla,
"Zhizn'io," 1908, 75 p.

- POPOV, IU. P. [The art of educating] Ispokazheniya, lyubim'ye. Moskva, "Znanie," 1968. 80 p. (Nar. uch. i vosp. 4).

- {THE REVOLUTION, ART, AND CHILDREN. Materials and documents} Revoliutsiia i iskusstvo i deti. Materialy i dokumenty [Moskva, "Pravdat'shchik", 1968] 416 p. (iz istorii estet. vospitaniia v sovetsk. shkole, 1924-1929).

- SUBJECTS FOR TESTS IN SOCIAL SCIENCE.** For secondary specialized correspondence schools. Test book kontrol'nykh rabot po obshchestvenovedeniyu dlia uchbykh srednikh spetsial'nykh uchebnykh zavedenii. M.: Svyaz. "Mysl". 1987. 15 p.

9. MUSIC, THEATER & MOTION PICTURES

- АЙКСТ, А. А. [Theory of drama from Aristotle to Lessing. History of the teachings of drama] Теория драмы от Аристотеля до Лессинга. История учения о драме. Москва. "Наука." 1967. 455 ил.

- [ANTONÍN DVOŘÁK] Antonín Dvorzhak, Sborník statek.
Sost. I obshch., red. L. S. Ginzburga. Moskva,
"Muzgiz", 1962. 250 s.

- BURMAN, D. I., and I. E. LISNEVSKI. [At the border crossings] Na teitral'nykh porokrestkakh. M'sk. "Nauka i tekhnika," [1967] 245 p.

- GINZBURG, S. L. [What one must know about a sym-
phony orchestra]. *Chto nado znat' o simfonicheskoi*
orkestre. 4-o izd. Leningrad, "Muzyka," 1957. 46p.
(B-ka muz. samooobrazovaniia).

- GRINBERG, I.A. [Moscow Operetta Theater, its life, happy moments, and disappointments] Moskovskii teatr operetty. Ego zhizn', radosti i ogorcheniya [Mskva. "Mosk. rabochii." 1967. 208 p.

- [HISTORY OF MUSIC ABROAD] *Istorija zarubezhnoi muzyki*. 3-e izd. Moskva, "Muzyka," Vyp. 4. [Second half of 10th century] *Vtoraya polovina XIX veka*. 1967. 510 p.

- KAKANOV, P. KOI, and I. P. VULYKHI. [Foreign literature on music. Index of abstracts of books for 1954-1958] *Muzichestva literatura o muzyku. Referatsnyy ukazatel' knig za 1954-1958 gg.* Moskva, 'Sov. kompozitor.'
Vyu. 3. Ch. 2. 1068. 246 p.

- KOLOSOVA, N. V. [Heroic deeds shown on the movie picture screen, Boris Shchukin. A biographical sketch.] Na ekrane - podvig, Boris Shchukin. Biogr. ocherk. [Moskva, "Mol. gvardia," 1968]. 141 p. [Pioneer-epoch first, vyp. 8].

- LENINGRADSKI TEATR OPERY I BALETA. 1917-1967.
[Leningrad, "Muzyka," 1967]. 328 p. 35 l. Ills.

- LIVANOVA, T. N., comp. [Bibliography of Russian music periodicals of the 19th century] *Muzykal'naya bibliografiia russkoi periodicheskoi pečatni XIX veka*. Moskva, "Sov. kompozitor." Vyp. 4. 1851-1880. Ch. 2. 1982. 338 p.

MEIERKHOL'D, V. E. [Articles, Letters, Speeches, Talks] Stal' in Pisma. Rech. Ispovedy. Moskva, "Iskusstvo," Ch. 1, 1891-1917. 1968. 350 p.

RAKHIMOVA, GAVKILAR. [The road. Literary voice by N. G. Rakhimova] Doroga, 1. i. zapis' N. G. Rakhimov. Tashkent, "Esh gvardia," 1967. 120 p.

[RUSSIAN MUSICAL LITERATURE] Russkaya muzykal'naya literatura. Obshch. red. E. I. Frut. Izd. 2-e, pereizdat. Leningrad, "Muzyka," Vyp. 3, 1967. 324 p.

SEBIAKOV, N. I. [Leonid Volinov, composer and director] Leonid Volinov - kompozitor i dirigent, Saransk, Mordov, kn. izd. 1967. 78 p. (Nashli znaniye zeinika-kli).

SOLOV'EV-SEDOI, V. P. [The skies are blue over Russia. A collection of songs with accordion accompaniment.] Nad Rossietu nebo sine, Sbornik pesen s soprovozhdeniem balala. Moskva, Voenizdat, 1967. 263 p.

10. FINE ARTS

AGISHIEV, RUSTAN. [Moonlight in canyons. A novel] Luna v ushchok'akh, Romani, Moskva, "Sov. Rossiya," 1967. 222 p. (Romany, povesti, rasskazy Sovetskoi Rossii), 10

CHERKASOV, N. A. [Architecture] Arkhitektura, Izd. 2-e, pereizdat. Kiev, "Budivelnik," 1968. 400 p.

[GENERAL HISTORY OF ARCHITECTURE. In 12 volumes] Vsesobshchaya istoriya arkhitektury. V 12-ti t. Glav. red. N. I. Kolli. Moskva, Stroiizdat, [T. 5] 1967. 659 p.

KIL'ESSO, S. K. [Ceramics in the architecture of the Ukraine] Keramika v arkhitekture Ukrainy, Kiev, "Budivelnik," 1968. 103 p.

KIR'IANOV, I. A. [The Kremlin of Nizhny Novgorod] Nizhnegorodskii Krem', 2-o pereizdat, Izd. [Gor'ki], Volgo-Viat, kn. izd., 1968. 120 p.

KRAVCHENKO, K. S. [Sergei Timofeevich Kounikov, Izd. 2-e, pereizdat. Moskva, "Iskusstvo," 1967. 270 p.

LIDMAN, M. I. A. [Giuseppe Maria Crespi] Dzhuzeppe Maria Krespi. Moskva, "Iskusstvo," 1967. 54 p.

ORBEI, I. A. [Selected works. In two volumes] Izbrannye tudy, V 2-kh t. Moskva, "Nauka," T. 1. [From the history of Armenian culture and art in the 10th-13th centuries] Iz istorii kul'tury i iskusstva Armenii X-XIII vv. 1968. 697 p.

PEREDOL'SKAYA, A. A., comp. [Rod-figure Altie vases in the Hermitage. A Catalog] Krasnoligurnye atticheskie vazy v Ermitazhe. Katalog. Leningrad, "Sov. khudozhnik," 1967. 403 p.

RAZUMOV, V. A. [Treasures returned to the people. How the artistic and historical treasures of our country were preserved during the early years of the Soviet regime] Bogatstva, vozvrashchennyye narodu. Kak byli sokhraneny khudozhn., ist. bogatstva nashel Rodiny v pervyye gody Sovetskoi vlasti. Moskva, "Znanie," 1968. 32 p. (Novyye v zhizni, nauke, tekhnike. Seriya "Istorika," 6).

VORONIKHINA, A. N., and T. M. SOKOLOVA. [The Hermitage. Building and galleries of the museum] Ermitazh. Zdanie i zaly muzeia. Leningrad, "Sov. khudozhnik," 1967. 110 p. 111

[WEST EUROPEAN PAINTINGS IN THE MUSEUMS OF THE U. S. S. R.] Zapadnoevropeiskaya zhivopis' v muzeiakh SSSR. Leningrad, "Sov. khudozhnik," 1967. 21 p. 1001, illus.

11. LANGUAGE, LITERATURE & FOLKLORE

[ANTHOLOGY OF POETRY OF THE FAR EAST, 1917-1967] Antologiya poezii Dal'nego Vostoka, 1917-1967. [Khabarovsk, Kn. izd., 1967]. 477 p.

[ANTHOLOGY OF SIBERIAN POETRY] Antologiya sibirskoi poezii. Pod obshch. red. M. Sergoova. [Irkutsk], Vost.-Sib. kn. izd., 1967. 569 p.

ARASLY, E. O. [Jir'i Zaydin and the Arabic historical novel] Dzhirdzhi Zoldan i arabskii istoricheskii roman. Moskva, "Nauka," 1967. 80 p.

[ARMENIAN FOLKLORE. Translated from the Armenian] Armianskii fol'klor. Moskva, "Nauka," 1967. 223 p.

BELIAEV, M. A. [Romance, lyrics] Molva, lirika. Moskva, "Sov. pisatel'," 1967. 93 p.

DOESKOROV, G. K. [The work of N. D. Nesiznev] Tvorchestvo N. D. Nesizneva. Irkutsk, Irkutskgolizdat, 1967. 168 p.

CHIELYSHEV, E. P. [Hindi literature. A short sketch] Literatura khindi. Kratkiy ocherk. Moskva, "Nauka," 1968. 328 p. (Literatura Vostoza).

CHERNIAKOV, M. V. [Poetry and the epoch. From the history of Soviet Russian poetry of the 1930's] Poetika i epokha. Iz istorii russkoi sovetskoi poezii 30-ikh godov. [Khar'kov] Izd. Khar'kovskogo un-ta [1967] 275 p.

CHERNYSHEV, I. U. M. [Conquer yourself. A documentary tale] Pobedi sebja. Dokumental'naya povest'. [Krasnoyarsk] Krasnoyarskoe kn. izd., 1967. 112 p.

DAINIENE, Z. [Manual for a practical course in the Russian language. Literal and grammatical exercises on the subject "Construction and use of sentences with the predicate, expressed verb in the indicative, conditional and imperative moods. (For correspondence students)] Uchebnoye posobie po prakticheskomu kursu russkogo yazyka. Lektsionnye i grammat. uprazhneniya po teme "Postroenie i upotreblenie predlozhenii s raznyimi vyrazheniyami glagolom v 12-ti tv., soobshchitel'nom i povest. nakloneniyakh. (Dlia studentov zaочnikov). Vilnius, 1967. 47 p.

DUDIN, M. A. [Cyclamens on a sock] TSiklameny na lenokle. Moskva, "Sov. Rossiya," 1967. 125 p. [Pisatel' o tvorchestve].

FUCHIKOV, GUSTAV. [Reminiscences about Julius Fučík. Translated from the Czech] Vospominaniya o Julius Fučíke. 2-e izd. Moskva, Politizdat, 1968. 424 p.

GORDON, I. A. I. [William Shakespeare. Readings for students of philology departments] Uiliam Shakespeare. Lektsii dlia studentov filol. fak. Dushanbe, 1967. 83 p.

ORM, R. T. [Reader on the dialects of old-time settlers of Central and Western Siberia. (Textbook)] Kurosovalia po starozhiti'cheskim govoram Tsentral'noi i Zapadnoi Sibiri. (Uchebnoye posobie). Krasnoyarsk, 1967. 208 p.

HOVEY, CARL. [I don't see John Reed, as I know him. Translated from the English] I ne vidu Johna Ri, kakim ja ego znal. Moskva, "Khudozh. lit." 1967. 343 p.

[IT DID NOT RETURN TO THE EDITORIAL OFFICE...] V redaktsii ne vernulsya... Moskva, Politizdat. Kn. 2. 1967. 333 p.

IVANOV, R. F. [DuBois] Dubois. Moskva, "Mol. gvardia," 1968. 240 p. [Zhizn' zamemchateleykh ludei. Seriya biografii. Vyp. 4(447)].

KALONTAROV, I. A. I. [Tajik proverbs and sayings in analogy with Russian proverbs and sayings] Tajikizskie poslovitsy i pogovorki v analogii s russkimi. Dushanbe, "Irfon," 1965. 534 p. [In Tajik and Russian] MC

KIRKOSOV, A. A. [Two Aprils] Dva aprelya. [Moskva] "Mol. gvardia," 1967. 44 p. 10

LOPUSHANSKAYA, S. P. [Outline history of verb inflection in the Russian language] Ocherki po istorii glagol'nogo formobrazovaniya v russkom yazyke. Kazan', Tatarskizdat. Ch. 1. 1967. 176 p.

LYNKOU, MIKHAS. [Stories. Translated from the White Russian] Rasskazy. Leningrad, "Khudozh. lit." 1968. 371 p.

MASHINSKI, S. I. [Suitcase of Adorkas] Chernodan Aderkasa. Moskva, "Det. lit." 1968. 135 p.

MEDNIKOVA, F. M. [Aleksandr Ivanovich Smirnitkii]. Moskva, Izd. Mosk. un-ta, 1968. 63 p. [Zamechateley uchenyye Mosk. un-ta].

MUZEI MARKA CHEREMSHYNY. Snyalyn. [A guidebook] Putivnyk. Ushhorod, 1968. 80 p.

[MOSCOW BUSINESS AND EVERYDAY WRITING OF THE 17th CENTURY] Moskovskaya delovaya i bytovaya pis'mennost' XVII veka. Izd. podgotovili S. I. Kolkov i dr. Moskva, "Nauka," 1968. 339 p.

PANCHANKA, P. E. [Verse. Translated from the White Russian] Stikhovorenika. Moskva, "Khudozh. lit." 1968. 231 p. (B. kn. sovetskoi poezii).

PANESHI, KHAZRET. [The ball. Verse. Translated from the Azyge] Mieb. Stikhi. Krasnodar, Kn. izd., 1967. 31 p.

PANKRATOV, I. I. [Light and bright. A book of lyrics] Svetlozhar, Kniga liriki. [Moskva] "Mol. gvardia," 1967. 78 p.

PAUSTOVSKI, K. G. [Collected works. In 8 volumes] Sbornik sochinenii. V 8-ti t. [Moskva], "Khudozh. lit." T. 4. [A tale of life. The distant years. Restless youth. Beginning of an unknown century] Povest' o zhizni. Dalekie gody. - Bespokoyaya iunost'. - Nachalo novogo veka. 1968. 712 p.

PERMIK, K. A. [The hunchbacked bear. A novel] Gorbatyi medved'. Roman. Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967. 655 p.

PESIKOV, I. U. V. [Comrade Williams] Tovariashch Vil'iams. Saratov, Privolzh. kn. izd., 1967. 144 p.

[PIUKH HAS COME. Kalmyk folk tales] Plukh prishel. Kalmykiyskie narodnye skazki. [Moskva] "Malysh" 1967. 1 v. (chitely filus.)

[THE POETRY HOUR] Chasa poezii. Sbornik. [Moskva, "Mol. gvardia," 1967]. 207 p.

PRISTAVIN, A. I. [The dove] Golubka. [Moskva] "Molodaya gvardia," 1967. 410 p. 111

[PROBLEMS IN PHRASEOLOGY AND THE COMPILATION OF PHRASEOLOGICAL DICTIONARIES. (Materials of the 9th All-Union Coordinating Conference)] Voprosy frazeologii i sostavleniya frazeologicheskikh slovarov. (Materialy IX Vsesoiuz. koordinirov. soveshchaniya). Baku, okt. 1964 g. Baku, Izd. AN AzSSR, 1968. 175 p.

RABINOVICH, I. S., N. I. KOROLEV, and I. A. AOANINA, comps. [Nepali-Russian dictionary, 38,000 words] Nepali-russkii slovar'. 38 000 slov. Pod rukovod. I. S. Rabinovicha, 8 prikl. grammat. ocherkoi nepal. iaz., soet. N. I. Korolevym. Moskva, "Sov. entsiklopediya," 1968. 1328 p.

SAKHARNYI, I. V. [Remarkable, reliable, insidious. The Russian language] Udivitel'nyi, nadezhnyi, kovorny. Iva. iaz. Porm'. Kn. izd., 1968. 49 p.

SEMNENOV, G. V. [Who he is and from where. A tale and stories] Kto on i otkuda. Povest' i rasskazy. [Moskva, "Mol. gvardia," 1968]. 255 p.

SINIRVANZADE, M. A., and S. M. SEIDZADE. [Azerbaijani-French phrase book] Azerbaidzhansko-frantsuzskii razgovornik. Baku, "Marrif," 1967. 248 p.

SOKOLOVSKYI, O. O. [New weapons. Condemned to death. Historical novels. Translated from the Ukrainian] Novyye oruzhia. - Osuzhdeniye na smert'. Ist. romany. Moskva, "Sov. pisatel'," 1967. 360 p.

SUKHORUKOV, V. T. [Wen I-to. Lifouni work] Ven' I-to. Zhizn' i tvorchestvo. Moskva, "Nauka," 1968. 147 p.

BUKHIOV, FEDOR. [Mellow chimel. Verso and n poem] Malinovy zvon. Stikhi i poemu. Moskva, "Sov. pisatel'," 1967. 108 p. CAOTU NIC

SVIRSKI, V. D., E. K. FRANTSMAN, and B. F. INFANT'EV. [Russian literature. For Latvian secondary schools] Russkaya literatura. Dlia sred. shkol'y s latysk. iaz. olucheniya. [Izd. 3-o]. Riga, "Zinatne," Ch. 2. 1968. 266 p.

[TEXTBOOK OF THE GERMAN LANGUAGE. For the first course of correspondence faculties and departments of pedagogical institutes of foreign languages] Uchebnyk nemetskogo yazyka. Dlia kursa zaоч. iak. ioid-nii ped. in-ov inostr. iaz. Izd. 2-o. Moskva, "Vyssh. shkola," 1967. 438 p.

["13 BLACK CATS" AND OTHER STORIES. Collection of stories, sketches, fairy tales and verse. For middle age group children] "13 chornykh koshok" i drugie istorii. Sbornik rasskazov, ocherkov, skazok i stikhov. Dlia detei sred. vozrasta. [Porm', Kn. izd., 1967]. 109 p. (Nashim rebiatam).

[A TOLSTOI COLLECTION] Tolstovskii sbornik. Tula. No. 3. [Reports and papers read at the 5th and 6th Tolstoi lectures] Doklady i soobshcheniya V i VI Tolstovskikh chtenii. 1967. 293 p.

- TRUSHKIN, V. P. [Literary Siberia in the first years of the revolution]. Literaturnaya Sibir' pervykh let revoliutsii. [Irkutsk] Vost. - Sib. kn. izd., 1967. 312 p. MII.
- TSYKHUN, G. A. [Syntax of pronominal clitics in South Slavic languages. (Balkan-Slavic model)]. Sintaksis mestolimennykh klitik v juzhno-slavianskikh iazykakh. (Balkanslavian model). Minsk, "Nauka i tekhnika," 1968. 134 p.
- [THE UNDERGROUND STAR] Podzonnaya zvezda. Odessa, 1967. 102 p.
- VOROB'EV, V. F. [A. M. Gor'kii on the party spirit and national character of literature]. A. M. Gor'kii o partii i narodnosti literatury. Kiev, "Dnipro," 1968. 283 p.
- ZHURAVSKA, I. IU. [Lesia Ukrainka and foreign literature]. Lesia Ukrainka i zarubezhnye literatury. Moskva, "Nauka," 1968. 175 p.
- ZVEREVA, E. A., O. N. TRUEVTEVA, and N. S. SHCHUKAIEVA, comp. [Modal verbs in the English language. A collection of exercises]. Modal'nye glagoly v angliiskom iazyke. Sbornik uprazhnenii. Leningrad, "Nauka," 1967. 230 p. NIC
12. GEOGRAPHY & GEOLOGY
- ALEKSEVA, L. IA. [Present-day holidays and rites in rural areas]. Sovremennye prazdniki i obitai v derevne. [Moskva], Profizdat, 1968. 64 p. (Biblika sel. profslozhnogo aktivista, No. 11 (197)).
- ALEKSEVA, R. E. [Brachiopods and the Lower Devonian stratigraphy of the northeastern U.S.S.R.]. Brachiopody i stratigrafiia nizhnego devona Severo-Vostoka SSSR. Moskva, "Nauka," 1967. 182 p.
- [ALONG THE ROAD OF FRIENDSHIP, Dagestan-the Rhodope Mountains in sketches, photographs, and drawings]. Dorogoi druzhby, Dagestan - Rodopy v ocherkakh, fotogr. iia, Malhachkala, Dagestgostizdat, 1967. 217 p.
- [ATLAS OF THE NORTH OSSETIAN A.S.S.R.]. Atlas Severo-Osetinskoi ASSR. Moskva, GUCK, 1967. 31 p.
- BELGOROD. [Belgorod, Obl. knioyed. mizel, 1967]. 24 p. Ilus.
- [CITY AND YEARS] Gorod i lody. [Minsk, "Belarus," 1967]. 320 p.
- [CITY ON THE ANCIENT PORTAGE]. Gorod na drevnem ruko. Moskva, "Mosk. rabochii," 1967. 303 p. (Net v Rossii gorodov bez slavy).
- [DIAMONDIFEROUS PLACERS OF WESTERN YAKUTIA]. Almazorodnye rasepy Zapadnoi Iakutii. Moskva, "Nauka," 1967. 280 p.
- [GENESIS OF ENDOGENETIC ORE DEPOSITS]. Genozis endogennykh rudnykh mestorozhdenii. Red. V. I. Smirnov. Moskva, "Nedra," 1968. 710 p.
- [GEOCHEMICAL METHODS OF PROSPECTING FOR ORE DEPOSITS. Bibliography of the literature (1925-1963)]. Geokhimicheskie metody poiskov rudnykh mestorozhdenii. Bibliograficheskii ukazatel' literatury (1925-1963 g.). Moskva, "Nauka," Vyp. 2. [Hydrogeochemical prospecting. Otagochemical prospecting. Complexing of prospecting methods. Geochemistry of landforms and prospecting]. Gidrokekhnicheskoe poiski, Biogekhnicheskoe poiski, Kompleksirovanie metodov poiskov. Geokhimia landshafta i poiski. 1967. 94 p.
- [GEOLOGY AND METALLOGENY OF THE USPENSK TECTONIC ZONE. (Central Kazakhstan). In 6 volumes]. Geologiya i metallogeniza Uspenskoi tektonicheskoi zony. (Tsent. Kazakhstan). V 6-ti. Red. R. A. Borukov, G. N. Shcherba. Alma-Ata, "Nauka," T. 2. [Deposits of ferrous and rare metals]. Mestorozhdenia chernykh i redkikh metallov. 1967. 303 p.
- [GEOLOGY AND OIL AND GAS POTENTIALS OF INDIA. Translated from the English]. Geologiya i neftogazovost' Indii. Pod red. L. P. Maturo i P. Evansa. Pod red. i predisl. R. B. Seilul'. Multukora. Moskva, "Mir," 1968. 143 p. (XXII mozhduar. geol. kongress. India, 1964).
- GRATSIANOVA, R. T. [Brachiopoda and the Lower Devonian stratigraphy of the Gornyy Altai]. Brachiopody i stratigrafiia nizhnego devona Gornogo Altaya. Moskva, "Nauka," 1967. 177 p.

- (HYDROGEOLOGY OF SIBERIA AND THE FAR EAST. Bibliography. (1918-1965)). Gidrogeologiya Sibiri i Dal'nego Vostoka. Bibliogr. ukazatel'. (1918-1965). Irkutsk, 1967. 198 p.
- IAKHSHKO, O. F. [Geography of White Russian lakes]. Geografiia ozer Belorussii. Pod red. V. G. Zavrter. Minsk, "Vysshelsh. shkola," 1967. 213 p.
- [INSTRUCTION ON THE APPLICATION OF THE CLASSIFICATION OF RESERVES TO OREPOSITS OF COALS AND BITUMINOUS SHALES. Instruction on the order of recording, content and form of materials for calculating the reserves of coal and bituminous shale to be presented for approval to the State Commission on Mineral Reserves in the Council of Ministers of the U.S.S.R. (G.K.Z.).]. Instruktsiia po primeneniui klasifikatsii zapasov k niestorozhdeniam uglet i goruchikh slatsev. — Instruktsiia o poriadke vnesheniia, soderzhanii i formenii materialov po podschetu zapasov uglet i goruchikh slatsev, predstavliaemykh dlia ulvorzhdeniia v Gosudarstvennuu komissiu po zapasam poleznykh iskopaemykh pri Sovete Ministrov SSSR (GKZ). Moskva, "Nedra," 1968. 65 p.
- [INSTRUCTIONS ON THE DETERMINATION OF THE YEARLY AMOUNT OF RIVER DISCHARGE AND ITS ANNUAL DISTRIBUTION]. Ukazaniia po opredeleniu raschetnykh volichin godovogo stoka rek i ego vnutri-godovogo raspredeleniia. SN 371-67. Izd. ofsa. Uiv. 21/VII 1967 g. Leningrad, Gidrometeoizdat, 1968. 23 p.
- KHLENNIKOV, A. M., and V. P. KOBYLKIN. [Get acquainted with the historical monuments of Buryatia. (A guidebook)]. Znakom'tes', pamiatniki Buriatii. (Putevoditel'). Ulan-Ude, Buriat. kn. izd., 1967. 68 p.
- KOROTAEV, V. N. [Shore line of Lake Issyk-Kul'. (Carto of shores and underwater slope. Outlines of the morphology of the shore line)]. Beregovala zona ozora Issyk-Kul'. (Kadastir beregov i podvodnogo sklona. Ocherki po morfologii beregoval zony). Frunze, "Ilin," 1967. 155 p.
- KUL'KOV, M. P. [Brachiopoda and the Silurian stratigraphy of the Gornyy Altai]. Brachiopody i stratigrafiia silura Gornogo Altaya. Moskva, "Nauka," 1967. 151 p.
- [LIPETSK. (A reference manual and guidebook)]. (Spravochnik-putevoditel'). (Voronozh, Tsent. Chernozem. kn. izd., 1967. 108 p.
- MUKHIN, G. I. [Australia and Oceania]. Avstraliia i Okeaniia. Izd. 2-e, pereabot. i dop. Moskva, "Prosvetshenie," 1967. 375 p. (Pisateli dlia nchit-tel').
- NAUMOV, A. F. [Central Caucasus, The region of Bezang. Routes for ascent of the peaks of the Northern Massif and Bezang Wall from the North]. Tson-trai'nyi Kavkaz, Raton Bezang. Marshruty voskhozhdenii na vershiny Sev. massiva i na Bezangskuiu stepu s severa. Moskva, "Fizkul'tura i sport," 1967. 231 p.
- OSETROV, O. A. [Abstracts of lectures on geochemistry. (Lectures 1-5). For geology students taking courses in "Mineralogy and geochemistry".]. Konспекти lektsii po geokhimii. (Lektsii 1-5) Dlia studentov-geologov po kursu "Mineralogiia i geokhimia." Moskva, 1967. 69 p.
- [PALEONTOLOGY, GEOLOGY, AND MINERALS OF MOLDAVIA]. Paleontologiya, geologiya i poleznye iskopaemye Moldavii. Kishinov. [Vyp. 2]. [Paleontology and stratigraphy]. Paleontologiya i stratigrafiia. 1967. 250 p.
- [PETROGRAPHY OF SEDIMENTARY ROCKS. Translated from the English]. Petrografiia osadocnykh porod. Red. G. B. Mil'ner i dr. Moskva, "Nedra," T. 1. 1968. 500 p.
- [PROBLEMS OF OVERCOMING THE SURVIVING TRACES OF THE PAST IN THE WAY OF LIFE AND CONSCIOUSNESS OF THE PEOPLE AND THE DEVELOPMENT OF NEW CUSTOMS, RITES, AND TRADITIONS AMONG THE NATIONALITIES OF SIBERIA. Materials of the Theoretical and Practical Conference in Ulan-Ude, November 22-26, 1966]. Voprosy preodoleniia perezhitkov proshlogo v bytie i soznanii liudel i stanovleniia novykh obychoev, obriadov i traditsii u narodov Sibiri. Materialy nauch.-prakt. konfereatsii, goslobov-shetsiia 22-26 noialbria 1966 g. v g. Ulan-Ude, Ulan-Ude, Buriat. kn. izd. Vyp. 1. 1968. 365 p.
- RYZHIKOV, V. V. [Pictures of the nature of Chechen-Ingushetia]. Kartiny prirody Checheno-Ingushetii. Grozny, Checheno-Ingushetskoe kn. izd., 1967. 61 p.

- SATPAEV, K. I. [Selected works]. Dbrannye tr. 3. Alma-Ata. T. 2. [Minerals of the Dzhezkazgan-Ulan-Ude region]. Poleznye iskopaemye Dzhezkazgan-Ulanskogo raiuna. 1968. 222 p.
- SOVESHCHANIIE PO GIDROGEOKHIMICHESKIM I GEOGEOLOGICHESKIM METODAM POISKOV POLEZNYKH ISKOPAEMYKH. 1967. [Hydrogeochemical and hydrogeological prospecting methods for minerals. Abstracts of reports of the conference of December 1967]. Gidrokekhnicheskoe i gidrogeologicheskoe metody poiskov poleznykh iskopaemykh. Tezisy dokladov k soveshchaniui 18-20 dekalbria 1967 g. Leningrad, 1967. 148 p.
- STEPANOV, A. M. [Tourist routes in the Tur. A. S. R.]. Turisticheskie marshruty Turv. Moskva, "Fizkul'tura i sport," 1967. 164 p. (Po rochiu' prostoram).
- STEPANEV, I., and R. TRELS. Dagestn. Rda. "Litsena," 1968. 44 p.
- [STREAMS IN THE TAIGA]. Tsezhnye potoki. Kh. barovsk. Kn. izd., 1967. 382 p.
- TAEZHNIV, I. I. [Road to treasures]. Doroga k skazk. shcham. Moskva, "Sov. Rossiia," 1967. 65 p. (Dlia o mire i o cheloveke).
- [TECTONICS OF THE SOVIET FAR EAST AND ADJACENT WATER AREAS. Transactions of the Russian Department of Earth Sciences of the Academy of Sciences of the U.S.S.R.]. Tektonika Sovetskogo Dal'nego Vostoka i priliegaiushchikh okvatorov. Truby sessii Didi-nia nauk o Zonle AN SSSR. Moskva, "Nauka," 1968. 233 p.
- [TUAPSE AND TUAPSE DISTRICT. (History, nature, economy, and regional studies)]. Tuapse i Tuapskii raiou. (Istoria, priroda, ekonomika i kultura). Krasnodar, Kn. izd., 1967. 171 p.
- [TULA, ORDER-DEALING CITY]. Tula - gorod orded-muny. Tula, Priok. kn. izd., 1967. 70 p.
- UMNIKOV, I. I., and I. N. ALEKSEEV. [Gaidbook]. A guide and reference book. Samarkand, Spisok i putevoditel'. Izd. 4-o, 1967. 1 dop. Tashkent, "Uzbekistan," 1967. 160 p.
- UTESNIV, A. S., and O. I. SEMENOV. [Climate of the erosion of soils]. Klimat i verovna eroziia polva. Alma-Ata, "Kauhar," 1967. 70 p.
- VALIKHANOV, CH. CH. [Collected works. In five volumes]. Sbornik sochinenii. V 5-ti. Alma-Ata, "Nauka," T. 4. 1968. 782 p.
- VLAOMIRSKII, L. V. [Australia. Travel manual]. Avstraliia. Putovoi al'om. Moskva, "Sov. kniozhnii," 1968. 63 p.
- [VOLCANISM AND TECTOGENESIS]. Vulkanizm i tektonogenez. Moskva, "Nauka," 1968. 254 p. (Mer-dunar. geol. kongress. XXII sessiia. Doklady sard-skikh geologov. Problema 2).

13. SCIENCE

- AIRAPET'YANTS, E. SH., and T. S. SOTNICHENKO. [Limbs. Physiology and morphology]. Limbi. Fiziologiya i morfologiya. Leningrad, "Nauka," 1961. 120 p. NIC
- ALFVEN, H., and C. G. FALTHAMMAR. [Cosmic electrodynamics. Fundamental principles. Translated from the English]. Kosmicheskala elektrodinamika. Osnovnye printsipy. Pod red. L. A. Aistimovicha. 2-e izd. Moskva, "Mir," 1967. 200 p.
- ARRO, H., R. OTT, and H. VILBOK. [Manual of laboratory work in qualitative semimicroanalysis]. Rukodstvo k laboratornyu rabotam po kachestvennomu polumikroanalizu. Tallinn, 1967. 110 p.
- ARZAMASOV, I. T. [Gamashil miles of White Russia]. Gamazovye kleshchi launy Belorussii. Pod red. R. S. Chebotarova. Minsk, "Nauka i tekhnika," 1968. 93 p.
- BAKEL'MAN, I. IA. [Inversion]. Inverziia. Moskva, "Nauka," 1966. 77 p. (Popul'arnye lektsii po matematike. Vyp. 44).
- BATTALOV, F. Z. [Normal annual variations of atmospheric precipitation and the calculation of precipitation norms]. Mnooletie kolebaniia atmosferykh osadkov i vychisleniia norm osadkov. Pod red. O. A. Drozdova. Leningrad, Gidrometeoizdat, 1968. 183 p.

- BLANK, V. L. [Evolution of the main function of the brain hemispheres]. *Evolyutsiya pamoi funktsii mozgovykh polushariy*. Leningrad, Izd. Leningr. un-ta, 1967. 283 p.
- BOTVIN, M. P., and others. [Concise guide to aquatic invertebrates of the middle Volga Valley]. *Kratkii opredelitel' vodnykh bespozvonochnykh Srednego Povolzh'ia*. [Kazan'] Izd. Kazanskogo un-ta, 1967. 243 p.
- [CURRENT PROBLEMS OF PHYSICAL CHEMISTRY]. *Sovremennye problemy fizicheskoi khimii*. Pod red. I. A. Gerasimova i P. A. Aklashina. Moskva, Izd. Mosk. un-ta.
- T. 1. [Structure of molecules, liquids, and crystals]. *Stroenie molekul, zhidkostei i kristallov*. 1968. 161 p.
- DANIN, D. S. [Rutherford]. *Rezerford*. [2-e izd.] Moskva, "Mol. gvarnitsa," 1967. 621 p. (Zhizn' zamechatel'nykh liudei. Seriya biografiy. Vyp. 10(431)).
- DUBININ, N. P. [Some methodological problems of genetics]. *Nekotorye metodologicheskie problemy genetik*. Moskva, "Znanie," 1968. 62 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Biologiya," 6).
- ELEMENTS OF VECTOR CALCULUS AND ANALYTIC GEOMETRY IN SPACE. Textbook for students of the Faculty of Engr. Mechanization of the Novosibirsk Agricultural Institute. *Elementy vektornogo ischisleniya i analiticheskoi geometrii v prostranstve*. Uchebnoe posobie dlia studentov fakul'teta mekhanizatsii s.kh. NSKh. Novosibirsk, 1967. 185 p.
- [THE FUTURE OF SCIENCE. Prospects, Hypotheses, Unsolved problems. An international yearbook]. *Buda-sheche nauki. Porokhitye. Glupozye. Nereshennye problemy*. Mezhdunar. ezhegodnik. [Moskva] "Znanie," Vyp. 2. 1968. 356 p.
- GEL'FAND, I. M., E. G. GLAGOLEVA, and A. A. KIRIL'OV. [Method of coordinates]. *Metod Koordinat*. Izd. 3-o, ispr. Moskva, "Nauka," 1968. 78 p. (Biblika fiz.-mat. nauk. Matematika. Vyp. 1).
- GUTER, R. S., and B. V. OVCHINSKI. [Fundamentals of the theory of probability]. *Osnovy teorii veroyatnostei*. Moskva, "Prosvoshchenie," 1967. 160 p.
- INSTITUT ECOLOGII RASTENII I ZHIVOTNYKH. *Sbornik*. [Materials of the Annual Session of the Laboratory of Population Ecology of Vascular Plants]. *Materialy Odeskoi sessii Laboratorii populiatsionnoi ekologii vazvonochnykh zhivotnykh*. Sbornik, 1967. 34 p.
- [INTRODUCTION TO THE DYNAMICS OF A BODY WITH A FLUID UNDER CONDITIONS OF WEIGHTLESSNESS]. *Vvedenie v dinamiku tela s zhidkost'iu v usloviakh nesovershenosti*. Moskva, 1968. 270 p. (Matem. metody v dinamike kosmich. apparatov. Vyp. 0).
- IVANOVA, O. A., and N. A. KRAVCHENKO. [Genetics]. *Genetika*. Moskva, "Kolos," 1967. 416 p. (Ucheb.-metod. posobie dlia vyssh. s.-kh. ucheb. zaviedeni).
- DNAL.
- KARPOV, K. A., and E. A. CHISTOVA. [Tables of Weber functions]. *Tablitsy funktsii Vebora*. Moskva, [Matem. tablitsy] T. 3. 1968. xxiv, 216 p.
- KIRENOV, L. S. [Eight-place tables of trigonometric functions containing the natural values of six trigonometric functions by regular 10° intervals from 0° to 360° and the cotangent and cosecant values by 1° intervals from 0° to 14°05']. *Vos'miznachnyye tablitsy trigonometricheskikh funktsii, smezhuashche natural'nye znacheniya shesti trigonometricheskikh funktsii cherez kazhdye 10° ot 0 do 360° i znacheniya kotangensov i kosekansov cherez 1° ot 0 do 14°05'*. Moskva, "Nauka," 1967.
- KOROBENKOVA, M. P., G. A. NASYNOV, and V. G. KHUMADIJINA. [The nightglow emission 5577 Å. Tables and maps of isophotes]. *Ashkhband*, 1964. *Emissiya nochnogo neba λ 5577 Å. Tablitsy i karty izofot*. Ashkhabad, 1964 g. Moskva, 1968. 270 p.
- KRASNOV, M. L., A. I. KISELEV, and G. I. MAKARENKO. [Integral equations]. *Integral'nye uravneniya*. Moskva, "Nauka," 1968. 192 p. (Izbr. glavy vyssh. matematiki dlia uchashchiesya i studentov vuzov. Zadachi i uprazhneniya).
- KUDRIASHEVA, Z. N. [Mycology with the principles of phytopathology]. *Mikologiya s osnovami fitopatologii*. Pod red. N. A. Dorozhnikina. Minsk, "Vysheleli. shkola," 1968. 282 p.
- KUZNETSOV, V. I. [Evolution of the concepts of basic laws of chemistry]. *Evolyutsiya predstavlenii ob osnovnykh zakonakh khimii*. Moskva, "Nauka," 1967. 310 p.
- [LIBRARY OF STANDARD SUBPROGRAMS FOR THE "MINSK-22" ELECTRONIC COMPUTER]. Biblioteka standartnykh podprogramm dlia EVM "Minsk-22." Leningrad. (Leningradskii dom nauki, lekhn. programdy. B-chka programmistov).
- Vyp. 2. [Standard subprograms for decimal conversions and computation of elementary functions]. *Standartnye podprogrammy detsimialnykh perevodov i vychisleniya elementarnykh funktsii*. 1968. 29 p.
- Vyp. 3. [Standard subprograms for algebra and analysis]. *Standartnye podprogrammy algebr i analiza*. 1968. 20 p.
- LISITSKI, V. P. [Mechanics for beginners]. *Mekhanika dlia nachalushchikh*. Moskva, "Znanie," 1968. 77 p. (Nar. un-t. Estestv.-nauk. fak. 6).
- [LITERATURE ON PROBLEMS IN ASTROBIOLOGY]. *Literatura po problemam astrobiologii*. Leningrad, 1967. 76 p.
- MAISTROV, L. E. [Probability theory. Historical outline]. *Teoriya veroyatnostei. Ist. очерк*. Moskva, "Nauka," 1967. 320 p.
- MALLAROV, V. V. [Fundamentals of the theory of the atomic nucleus]. *Osnovy teorii atomnogo yadra*. Izd. 2-o, pereabot. i dop. Moskva, "Nauka," 1967. 611 p. NIC.
- MARITS, A. M. [Dependence of reticulocytal correlations on some hormones]. *Zavisimost' retikulotsitnykh vzaimosvtsheii ot nekotorykh gormonov*. Pod red. R. O. Faltel'berga. Kishinev, "Karta moldavenskoe," 1967. 140 p.
- MASILENKO, V. I. [Role of state in the organization and financing of research in the U.S.A. Author's abstract of a dissertation for the degree of Candidate of Economics]. *Pol' gosudarstva v organizatsii i finansirovani nauchnykh issledovani v SShA*. Avtoreferat dissertatsii na soiskaniye uchenoj stepeni kandidata ekonomicheskikh nauk. Nauchnyi rukovoditel' - doktor ekon. nauk M. I. Rubinshtein. Moskva, 1967. 16 p.
- MEZENTSEV, V. A. [Mysteries of heaven and earth]. *Zagadki neba i zemli*. Moskva, ["Mysl'"], 1967. 215 p.
- MILLER, J. C. P. [Tables of Weber functions (functions of a parabolic cylinder). Solutions of the differential equation $\frac{d^2 y}{dx^2} + (\frac{1}{4} x^2 - a) y = 0$. Translated from the English]. *Tablitsy funktsii Vebora (funktsii parabolicheskogo tsilindra). Resheniya differents. uravneniya $\frac{d^2 y}{dx^2} + (\frac{1}{4} x^2 - a) y = 0$* . Moskva, Vychislit. tsentr AN SSSR. 1968. xvi, 143 p. (B-chka matem. tablits. Vyp. 45).
- MITROPOL'SKI, I. A., and B. I. MOSENEKOV. [Lectures on the application of asymptotic methods to the solution of partial differential equations]. *Lektsii po primeneniiu asimptoticheskikh metodov k resheniiu uravnenii v chastnykh proizvodnykh*. Kiev, 1968. 414 p.
- [MODERN METHODS IN BIOCHEMISTRY]. *Sovremennyye metody v biokhimii*. Pod red. V. N. Orekhovskii. Moskva, "Meditsina."
- [T. 2]. [Methods of isolation, determination and characteristics of the subcellular structures and chemical contents of cells and body fluids]. *Metody vydeleniya, opredeleniya i kharakteristiki subkhtelnykh struktur i khimicheskikh komponentov khtok i zhidkostei organizma*. 1968. 372 p.
- [MODERN QUANTUM CHEMISTRY. Translated from the English]. *Sovremennaya kvantovaya khimika*. Pod red. A. M. Brodskogo i V. V. Tolmacheva. Moskva, "Mir." T. 1. 1968. 342 p. T. 2. 1968. 318 p.
- [MORPHOLOGICAL AND CHEMICAL CHANGES IN THE PROCESS OF CELL DEVELOPMENT]. *Morfologicheskoe i khimicheskoe izmeneniya v protsesse razvitiya khtok*. Riga, "Zinatne," 1967. 284 p.
- NATALI, V. F. [Main problems of genetics]. *Osnovnye voprosy genetik*. Pod red. V. V. Khvostovoi. Moskva, "Prosvoshchenie," 1967. 208 p.
- DNLM.
- NIKOL'SKII, V. N. [Fundamentals of mathematics. Abstract of lectures]. *Osnovaniya matematiki*. (Kurspekt lektsii). Leningrad.
- Vyp. 1. Podgotovl i obrabotai A. I. Romanov. 1967. 62 p.
- NOZAI, MATIROSOVICH, SAKIAN. *Vstup. stat'ia* A. N. Belozerskogo. Bibliografiya sostavlena it. I. Gortacheva. Moskva, "Nauka," 1967. 114 p. (Materialy k bibliografi nchenykh SSSR. Seriya biologicheskikh nauk, khimii, Vyp. 6).
- ODESSKII GOSUDARSTVENNYI UNIVERSITET. [Abstracts of reports presented at the Interuniversity Conference on the Chemistry of Oxygen-Containing Heterocycles (October 1966)]. *Tezisy dokladov na Mezhvuzovskoi konferentsii po khimii kislorodsoderzhashchikh geterotsiklov* [oktjabr' 1966 g.]. [Kiev] Izd. Kievskogo un-ta, 1966. 20 p.
- OPPENHEIMER, J. ROBERT. [The Flying Impezo. Three crises in physics. Translated from the English]. *Letushchaya trapietsia. Tri krizisa v fizike*. Pod red. i s posloei. V. A. Leshkovskoi. Moskva, Atomizdat, 1967. 79 p.
- ORLOV, V. F. [Three hundred problems in astronomy]. *300 voprosov po astronomii*. Moskva, "Prosvoshchenie," 1967. 100 p.
- PAVLOV, V. P., and A. D. SUKIANOV. [The dynamical apparatus of axiomatic approach in quantum electrodynamics]. *Dinamicheskii apparat aksiomaticheskogo metoda dlia kvantovoi elektrodinamiki*. Kiev, 1967. 27 p.
- PETROZAVODSKII UNIVERSITET. [Scientific conference of the Institute of Biology dedicated to the 50th anniversary of the Soviet regime. Abstracts of reports]. *Nauchnaya konferentsiya Instituta biologii, posvyashchennaya 50-letiyu Sovetskoi vlasti. Tezisy dokladov*. Petrozavodsk, 1967. 166 p.
- [PHYSIOLOGY OF BIRDS. (Materials of the All-Union Conference on the Physiology of Birds held in Tallinn in September-October of 1966)]. *Fiziologiya ptits*. (Materialy Vsesoyuz. soveshchaniya po fiziologii ptits v Talline, v sent.-okt. 1966 g.) Tallinn, "Valgus," 1967. 267 p.
- POKROVSKI, G. I. [Light, the eye, and information]. *Svet, glaz, informatsiya*. Moskva, "Znanie," 1968. 32 p. (Novoe v zhizni, nauke, tekhnike, Seriya "Fizika. Astronomiya," 5).
- POMERANTSEV, A. A. [Thermal stresses in solids of revolution of arbitrary shape]. *Termicheskie naprazheniya v telakh vrashcheniya proizvol'noi formy*. Moskva, Izd. Mosk. un-ta, 1967. 104 p.
- POPOV, V. N., and L. D. FADDEEV. [Perturbation theory for pseudo-invariant fields]. *Teoriya vozmushchenii dlia khturovno-invariantnykh poloi*. Kiev, 1967. 28 p.
- POZHIDAKOV, E. A. [Oogenesis of mammals. (Its significance for embryonic development under normal and pathological conditions)]. *Oogeneza mlekopitshchikh*. (Ego znachenie dlia ontogen. razvitiya v norme i patologii). Leningrad, "Meditsina," 1967. 171 p.
- PROSTAKOV, N. S. [Lectures on organic chemistry]. *Lektsii po organicheskoi khimii*. Izd. 2-o, ispr. Moskva, 1967. 188 p.
- PROTSENKO, A. I. [Scarabaeidae (Coleoptera) of Kirghizistan. A guide to the distribution and biology of species]. *Plastinatsionnyye zhuki Kirgizii*. (Coleoptera. Scarabaeidae). Opredelitel' s rasprostraneniem i biologich. vidov. Frunze, "Rin," 1968. 312 p.
- [RADIOISOTOPE STUDY METHODS IN GEOLOGICAL ENGINEERING AND HYDROGEOLOGY]. *Radioizotopnyye metody issledovaniya v tekhnologii geologii i gidrogeologii*. Pod obshch. red. V. I. Foronetskogo. Moskva, Atomizdat, 1968. 304 p.
- ROBERTSON, A. P., and WENDY ROBERTSON. [Topological vector spaces. Translated from the English]. *Topologicheskie vektornyye prostranstva*. Pod red. i s pril. D. A. Itskova. Moskva, "Mir," 1967. 257 p. (B-chka sbornika "Matematika").
- RODIMOV, B. N. [Self-oscillation quantum mechanics]. *Avtokhtebnaya kvantovaya mekhanika*. Tomsk, Izd. Tomskogo un-ta, 1967. 168 p.
- ROZEN, D. I. A. [In a perpetual motion]. *V vechnom dvizhenii*. Moskva, "Znanie," 1968. 32 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Fizika," 6).

- [SCIENCE IN SOVIET ARMENIA] Nauka Sovetskoi Armii. [Yerevan, "Armenia," n.d.] 23 p. (Yustarka dostizhenii narodnogo khozaystva SSSR).
- SERZHANIN, I. N., V. I. SERZHANIN, and V. V. SLESAREVICH [Guide to mammals of White Russia] Opredelitel' mlekopitayushchikh Belorussii. Minsk, "Nauka i tekhnika," 1967. 120 p.
- SITCHELKUNOV, K. N. [Quantum frequency standards. Handbook] Kvantovye standarty chastoty. Ucheb. posobie. Leningrad.
- Ch. 1. [Fundamentals of the theory. Passive frequency standards] Osnovy teorii. Passivnye standarty chastoty. 1968. 78 p.
- SHMAL'GAUZEN, I. I. [Cybernetic problems of biology] Kiberneticheskie voprosy biologii. Pod obshch. red. R. L. Berg i A. A. Lyapunova. Novosibirsk, "Nauka," 1968. 223 p. (Kibernetika v monografiyakh, 4).
- [SIMULATION OF REAL MEDIA AND SEISMIC WAVE FIELDS] Modeli real'nykh sred i seismicheskie volnovye pul'sy. Moskva, "Nauka," 1967. 247 p.
- SOBOL', I. M. [The Monte Carlo method] Metod Monte-Karlo. Moskva, "Nauka," 1968. 84 p. (Popul. lektsii po matematike. Vyp. 46).
- STEPANENKO, D. N. [Carbohydrates. Advances in studying the structure and metabolism] Uglevidy. Uspeski v izuchenii stroeniya i metabolisma. Moskva, 1968. 330 p. (Biogig. i biokhim. Seriya "Biokhim. i biokhim.,").
- [STUDY OF OBJECTS CHANGING DURING THE PROCESS OF THEIR PREPARATION AND OBSERVATION IN AN ELECTRON MICROSCOPE] Materialy of a symposium held in Moscow in May 1964. Issledovanie ob'ektov, izmenyayushchikh v protsesse preparirovaniya i rabotnosti v elektronnoy mikroskopi. Materialy Simpoziuma. Moskva, mai 1964 g. Moskva, "Nauka," 1968. 95 p. (Temat. sborniki po aktual'nym voprosam elektronnoy mikroskopi, No. 1).
- SULAKVELIDZE, G. K. [Shwartz and ball] Litsevye osadki i grad. Leningrad, Gidrometeoizdat, 1967. 412 p.
- [SYNTHESIS AND PHYSICAL CHEMISTRY OF POLYMERS (POLYURETHANS)] Sintez i fiziko-khimia polimerov (poliuretany). Kiev, "Naukova dumka," (Resp. mezhd. sbornik, Seriya "Sintez i issledovanie polimerov"). No. 5, 1968. 220 p.
- [TABLES OF η -COEFFICIENTS FOR INTEGRAL PARAMETER VALUES WITH ONE PARAMETER EQUAL TO UNITY] Tablitsy η -koeffitsientov dlya teolykh anekhtent parametrov s odnim parametrov ravnym edynitsy. Pod red. A. P. Litaisa. Moskva, 1968. xviii, 552 p.
- [TABLES ON THE SCATTERING OF LIGHT] Tablitsy po svetorasselaniiu. Pod obshch. red. K. S. Shvritsa. Leningrad, Gidrometeoizdat.
- T. 2. Shvritsa, K. S., and I. L. Zel'manovich. [Tables of scattering matrices and the components of a dispersed field] Tablitsy matritsa rasselaniya i sostavlyayushchikh rasselennogo polya. 1968. 471 p.
- [THEORY OF ION EXCHANGE AND CHROMATOGRAPHY] Teoriya ionnogo obmena i khromatografiya. Moskva, "Nauka," 1968. 246 p.
- [THERMAL CONSTANTS OF SUBSTANCES. A manual. In 10 volumes] Termicheskie konstanty veshchestv. Spravochnik. V 10-ti vyp. Podgol, pod nauch. rukovodstvom V. P. Glushko. Moskva, Vyp. 3. N, P, As, Sb, Bi. Otv. red. V. P. Glushko. 1968. 221 p.
- [USE OF THE METHOD OF LEAST SQUARES IN MATHEMATICAL PHYSICS PROBLEMS] Metod najmenskikh kvadratov v zadachakh matematicheskoi fiziki. Tashkent, "Fan," 1968. 141 p.
- UZAKOV, I. U. K. [Derivation of ordinary integrodifferential equations admitting Lie groups] Konstruktsiya obyknovennykh integro-differentsial'nykh uravnenii, dopuskayushchikh gruppy Li. Otv. red. D. Kh. Karimov. Tashkent, "Fan," 1967. 72 p.
- VASHI, R. V. L., and W. E. FRAMMAN. [Thermophysical properties of poor heat conductors] Teplofizicheskie svoystva ploshkikh provodnikov tepla. Minsk, "Nauka i tekhnika," 1967. 175 p.
- VLAD, P. F., and G. V. LAZUREVSKI. [Bicyclic diformonoids] Bissiklicheskie diformony. Kishinev, 1967. 138 p.
- VOINOVA, N. A., and B. S. DZHELEPOV. [Isobaric nuclei with mass number A=182] Izobarnye yadra s massovym chislom A=182. Leningrad, "Nauka," 1968. 328 p. (Svaystva atomnykh yader. Vyp. 8).
- [WATER "flowering"] "Tsvetenie" vody. Kiev, "Naukova dumka," 1968. 387 p.
- WEISS, RICHARD, J. [Solid state physics. Translated from the English] Fizika tverdogo tela. Pod red. M. T. Chebotareva. Moskva, Atomizdat, 1968. 456 p.
- ZAITSKY, G. F. [Analysis of automatically controlled linear discrete systems] Analiz lineynykh impul'snykh sistem avtomaticheskogo regulirovaniya i upravleniya. Kiev, "Tekhnika," 1967. 163 p.
- ZELENIN, A. V. [Luminescent cytochemistry of nucleic acids] Luminescentnaya tsitokhimiya nukleotidov. Kishinev, "Nauka," 1967. 138 p.
- ZHITKOV, B. M. [Animals and birds of the earth] Zhivoti i ptitsy zemnogo shara. Pod red. G. P. Dement'eva. Izd. 3-e. Moskva, "Lestnaya promisl." 1967. 175 p.
- [ZOOLOGY. 1968] Zoologiya. 1968. Moskva, 1968. 155 p. (Biogig. i biokhim. Seriya "Biologiya").

14. MEDICINE

- AKADEMIYA MEDITSINSKIKH NAUK SSSR, Institut planiya. [Materials of the 6th Scientific Session of the Institute of Nutrition of the Academy of Medical Sciences of the U.S.S.R., November 29 - December 2, 1968] Materialy XVI Nauchnoy sessii Instituta planiya AMN SSSR, 29 noyabr - 2 dekabr 1968 goda. Otv. red. A. A. Pokrovskiy. Moskva, Vyp. 1. 1968. 103 p. (DNIAM).
- ANESTIADIS, V. KIL. [Arterial atherosclerosis. (Ultra-violet photography, fluorescent and histochemical analyses)] Ateroskleroz arterii. (Ultravioletovaya fotografirovaniye, luminescentnyy i gistokhim. analizy). Kishinev, "Karita molovenaske," 1967. 100 p.
- BEILIGN, V. S. [Specialized first medical aid in myocardial infarct] Spetsializirovannaya skoraya meditsinskaya pomoshch' bol'nym infarktom myokarda. Moskva, "Meditsina," 1968. 132 p.
- BOROVKOV, S. A. [Operations on the liver. (Clinical and experimental substantiation)] Operatsii na pecheni. (Kliniko-eksperimental. osnovaniya). Moskva, "Meditsina," 1968. 212 p.
- BROVINA, A. F. [Primary tumors of the orbit. (Characteristics of the clinical picture)] Perichnoye opukholi orbit. (Osobennosti klinich. karliny). Moskva, 1968. 22 p.
- BRUDNAYA, E. N., and I. F. OSTAPCHUK. [Methods of functional diagnosis of diseases of the cardiovascular system] Metody funktsional'noi diagnostiki zabolevaniy serdtsheo-sosudistoi sistemy. 2-e izd. i dop. izd. Moskva, "Zdorov'ya," 1968. 276 p.
- BURCHINSKI, G. I., and V. E. KUSHINER. [Peptic ulcer. (Conservative treatment)] Zheludochnyy bol'stsa. (Konservativnoye lechenie). Kiev, "Zdorov'ya," 1968. 194 p. (Iz-ka prakt. vrachey).
- [CONCISE INSTRUCTIONS OF MODERN METHODS FOR THE TREATMENT OF BASIC HELMINTHASES] Kratkaya instruktsiya po sovremennym metodam lecheniya osnovnykh gel'mintozov. Kishinev, "Karita molovenaske," 1967. 18 p.
- [CONTROL OF WATER POLLUTION. Report of the Committee of Experts of the World Health Organization. Translated from the English] Borba s zagryazneniem vody. Doklad Kom. ekspertov VOZ. [Moskva, "Meditsina," 1967. 43 p. (Vseмирnaya organizatsiya zdoravokhraneniya. Zheneva, Seriya tekhn. dokladov, No. 318).
- [CURRENT PROBLEMS OF CARDIOVASCULAR PATHOLOGY. Materials of a conference] Aktual'nye problemy serdtsheo-sosudistoi patologii. Materialy konferentsii. Baku, 1967. 131 p.
- [DEVELOPMENT OF MEDICAL SCIENCE IN TAJIKISTAN] Razvitiye meditsinskoi nauki v Tadzhikistane. Dushanbe, ["Dontekh"], 1967. 241 p.
- DOVZHENKO, A. R., and V. R. DOVZHENKO. [On the path of old myasthenia] Tropolu starykh tain. L'vov, "Kamenar," 1968. 175 p.
- [EPIDEMIOLOGY] Epidemiologiya. Pod red. I. I. Elkina. Izd. 2-e, pererabot. Moskva, "Meditsina," 1968. 431 p.

- EPISHIN, V. A. [Recurring aphthous stomatitis] Reshchivushchii aftoznyi stomatit. Tashkent, "M. J. S.," 1968. 72 p.
- ESIPOVA, I. K., and O. I. KAUFMAN. [Postnatal reconstruction of the pulmonary circulation and distal stenosis in newborn infants] Postnatal'naya perestroyka malogo kruga krovoobrashcheniya i distal'naya stenoz zhilitsnykh. Leningrad, "Meditsina," 1968. 223 p.
- GALAEV, I. V. [Pathogenic bacterial enzymes, pathogenic ferments of bacteria] Moskva, "Meditsina," 1968. 116 p.
- GEL'FAND, V. B., and I. D. KRYMSKIY. [Neurological changes in congenital cardiac defects and their dynamics following surgical treatment] Neirologicheskie izmeneniya pri vrozhdennykh porokakh serdtsa i ikh dinamika posle khirurgicheskogo lecheniya. Moskva, "Meditsina," 1967. 112 p. MBOC.
- GORIZONTOV, P. D., and T. N. PROTASOVA. [Effect of ACTH and corticosteroids in pathology. (The problem of stress)] Rol' AKTG i kortikosteroidov v patol. i ikh probleme stressa. Moskva, "Meditsina," 1968. 335 p.
- GUMZABIDZE, G. SH. [Prevention of hemorrhagic diseases] Profilaktika gishimnykh zabolevaniy. Moskva, "Meditsina," 1968. 24 p. (Nauch. popul. lektsiya).
- [HORMONE THERAPY OF MALIGNANT TUMORS] Gormonoterapiya zlokachestvennykh opukholi. Pod red. N. I. Lazareva. Moskva, "Meditsina," 1968. 218 p.
- IASNICHNIKOV, P. M. [Trichinosis and its prevention] Trikhinelioz i ego preduprezhdenie. [Moskva, "Vozrast," 1967. 67 p.
- IOFFE, V. I. [Clinical and epidemiological (immunology, clinical) of epidermological diseases] Kliniko-epidemiologicheskaya i klinicheskaya (immunologiya, klinicheskaya) zabolevaniy. Leningrad, "Meditsina," 1968. 373 p.
- IUDIN, S. S. [Reflections of a surgeon] Razmyshleniya khirurga. Moskva, "Meditsina," 1968. 367 p.
- KABAK, I. A. M. [Laboratory manual of endocrinology. Basic methods of experimental endocrinological studies] Praktikum po endokrinologii. Osnovnyye metody eksperiment. endokrinologii. Issledovaniya. Izd. 2-e. Moskva, Izd. Mosk. univ., 1968. 276 p.
- KARAKCHIEV, N. I. [War toxicology and defense against weapons of mass destruction] Voennoye toksikologiya i zashchita ot oruzhiya massovogo parazheniya. Tashkent, "Meditsina," 1968. 287 p.
- KHAZANOV, A. I. [Functional tests in the diagnosis of diseases of the liver] Funktsional'nye proby v diagnostike zabolevaniy pecheni. Moskva, "Meditsina," 1968. 404 p. (Iz-ka prakt. vrachey).
- KHARSONSKAYA, R. S. [Osteoarthral tuberculosis. (Manual for students of medical institutes and physicians of the general medical network)] Kostno-sustavnyy tuberkulez. (Rukovodstvo dlya studentov meditsinskikh institutov i vrachey obshchey meditsinskoi sli). Kishinev, "Karita molovenaske," 1967. 143 p. (DNLN).
- KOCHETKOV, V. D. [Neurological aspects of impotence. Neurological aspects of impotence]. Moskva, "Meditsina," 1968. 280 p. (Iz-ka prakt. vrachey).
- KOL'GUNENKO, I. I. [Treatment and prevention of changes in the face and neck] Lechenie i profilaktika sverchekskikh izmenenii litsa i sheli. Moskva, "Meditsina," 1967. 200 p.
- KONDRAT'EV, V. G. [General hygiene] Obshchaya gigena. Moskva, "Meditsina," 1967. 431 p. DNLN.
- KUKUEV, L. A. [Structure of the motor analyzer. (Excitation, connections and its role in cerebral pathology)] Struktura dvigatel'nogo analizatora. (Eksitatsiya, svyazi i rol' v patologii mozga). Leningrad, "Meditsina," 1968. 278 p.
- KURENKIN, N. V. [Clinical significance of urogenital venous plexus] Klinicheskoe znachenie mocheponozhnoy vnoznoy splenititsy. Kiev, "Zdorov'ya," 1968. 10 p.

- PETUCHENKO, S. T. [On lands won from the swamps] Na osvobodnykh u bolot zemlakh. Minsk, "Urozhai," 1967. 30 p. (Plattfuka v detstii).
- PRIKHOVKO, S. N. [Indian azalea] Azalea indiskaia. Kiev, "Naukova dumka," 1967. 153 p.
- [PROBLEMS OF THE UTILIZATION OF NATURAL RESOURCES. Transactions of the First Conference on the Utilization of Natural Resources held in Astrakhan on May 4-5, 1965] Voprosy prirodopol'zovaniia. Trudy Pervoj konferentsii po prirodopol'zovaniu v g. Astrakhan, 4-5 maja 1965 g. Leningrad-Astrakhan, 1968. 210 p.
- [PROBLEMS OF VITICULTURE AND WINEMAKING. (Baste results of the work of the Ukrainian Scientific Research Institute of Viticulture and Winemaking named after V. E. Tairov during 60 years) Voprosy vinnogradarstva i vinodelia. Iosnovnye rezultaty raboty Ukrainskogo nauchno-issledovatel'skogo instituta vinnogradarstva i vinodelia (im. V. E. Tairova za 60 let). Kiev, "Urozhai," 1967. 387 p. (DNAL)
- S'EZD POCHVOVEDOV SSSR, 3d, Tartu, 1966. [Reports and communications of the 3d Congress of Soil Scientists of the U. S. S. R. Doklady i sudobchenia]. Moskva, "Nauka," 1968. 349 p.
- SICHITNIKOV, P. I. [Rational technology of the construction of drainage canals] Ratsional'naya tekhnologiya stroitel'stva oshushitel'nykh kanalov. Minsk, "Urozhai," 1967. 87 p.
- SINESHCHEKOV, A. D. [Effective utilization of fodder. (Nutritive biology of productive animals and effective utilization of fodder) Effektivnoe ispol'zovanie kormov. (Biologiya plianta produktivnykh zhivotnykh i ratsional'noe ispol'zovanie kormov). Moskva, "Kulios," 1967. 144 p. (Nauch.-popul. literature).
- SOVESHCHANIJE PO LESNOI GENETIKE, SELEKTSII I SEMENOVODSTVU. Petrozavodsk, 1967. [Abstracts of reports of the Conference of Forest Genetics, Selection and Seed Growing] Tezisy dokladov. Petrozavodsk, 1967. 216 p.
- STRELKOV, I. O. [Cultivation of light soils of White Russia] Oshchivovanie legkikh pochv Belorussii. Minsk, "Urozhai," 1967. 160 p.
- TSVETAJEVA, E. M., comp. [Soiless cultivation of agricultural plants. Index of Soviet literature from January 1, 1955 to October 31, 1966] Vymeshchivanie sol'skhozjastvennykh rastenii bez pochvy. Ukazatel' obozhestvennoj literatury s 1 yanvaria 1955 g. po 31 oktobra 1966 g. Moskva, 1967. 50 p.
- [TWO-WAY REGULATION OF SOIL WATER CONDITION. (Collection of papers)] Voprosy dvukhstoronnego regulirovaniia vodnogo rezhima pochvy. (Sbornik dokladov). Vilnius, Gazetno-zhurnal'noe izd., 1960. 145 p.
- UKOLOV, A. A. [Manual of the approaching agronomist for grain and pulse crops. For the central regions of the non-Chernozem belt] Spravochnik agronoma-ajronomora po zernovym i zernobobovym kul'turam. Dlia tsentral'nykh rayonov nechernozemnoj polosy. Moskva, "Nesent'khozizdat," 1967. 209 p. (DNAL)
- [VETERINARY ENCYCLOPEDIA] Veterinarnaja entsiklopedia. Glav. red. K. I. Scriabin. Moskva, "Sov. entsiklopedia." (Entsiklopedii. Slovar. Spravochniki) [T. 1. [A - Virological technique] A - Virusologicheskaja tekhnika. 1968. 1988 columns.
- [VETERINARY MEDICINE] Veterinarnaja. 1968. Moskva, 1968. 124 p. (Ilogi nauki. Seriya "Biologiya").
- ZHDANOVA, T. S., V. F. KOSTOGLODOV, and O. S. L'VOV. [Libertation in bees] Zhukovka poliet. Pod obshch. red. T. S. Zhdanov. Moskva, Rosselkhozizdat, 1967. 159 p.
16. TECHNOLOGY
- ABRAMOV, F. A., and V. A. BOIKO. [Automation in mine ventilation. (Theoretical principles and technical means)] Avtomatizatsiya provetritel'nykh shakht. (Teoret. osnovy i tekhn. sredstva). Kiev, "Naukova dumka," 1967. 310 p.
- AGERSV, N. P., and S. I. KARATUSHIN. [Mechanical testing of metals at high temperatures and brief application of stress] Mekhanicheskoje ispytanie metallov pri vysokikh temperaturakh i kratkovremennom nagruzhenii. Moskva, "Metallurgija," 1968. 280 p.
- [ALBUM OF DRAWINGS OF EFFICIENT TRANSPORT, ERECTION, AND STANDARD STOCK DEVICES FOR THE CONSTRUCTION OF RURAL, INDUSTRIAL AND CIVIC BUILDINGS] Albom chertezhet ratsional'nykh transportnykh i montazhnykh prisooblenii i inventaria dlia stroitel'stva go'stikh proizvodstvennykh i grazhdanskikh zdani. Moskva, Stroiizdat, 1967. 92 p.
- ALEKSEEV, A. E. [Electric traction machinery and converters] Tiagovye elektricheskie mashiny i preobrazovateli. Leningrad, "Energiya," 1967. 432 p.
- [ALUMINUM ALLOYS. Aluminum alloys. Sbornik statei. Pod red. I. N. Krillendera. Moskva, "Metallurgija," Vyp. 5. [Structural alloys] Konstruktsionnye splavy. 1968. 300 p.
- [ANALYSIS OF ELECTRICAL NETWORKS AND ELECTROMAGNETIC SYSTEMS] Analiz elektricheskikh isopet i elektromagnitnykh sistem. Kiev, "Naukova dumka," 1967. 148 p. (Reap. mezhved. sbornik. Kibernetika i vychislit. tekhnika).
- [ANALYZING THE CAUSES OF THE FAILURE OF STRUCTURAL ELEMENTS] Analiz prichin avarii stroitel'nykh konstruksii. Pod red. A. A. Shishkina. Moskva, Stroiizdat, Vyp. 4. 1968. 224 p.
- [ANTICORROSION COATINGS OF ROLLED METAL. (List of patents of England, West Germany, United States, France, Japan) Antikorroziionnye pokrytiia prolitnogo metalla. (Perched' patentov Anglii, FRG, SShA, Francii, Japonii). Kiev, 1967. 58 p.
- [AUTOMATIC CONTROL AND COMPUTER TECHNOLOGY] Avtomaticheskoe upravlenie i vychislitel'naja tekhnika. Moskva, "Mashinostroenie." Vyp. 9. [Optimization of control systems] Optimizatsiya sistem upravleniya. 1968. 384 p.
- [AUXILIARY TOOLS. Holders for lathes] Instrumini vopomogatel'ny. Dержavki k tokarnym stankam. GOST 13058-67 - GOST 13072-67. Izd. otis. Moskva, 1968. 50 p. (Gos. standarty SSSR).
- AVDULOV, P. V. [Mathematical methods of studying mining operations] Matematicheskie metody issledovaniia operatsii v gornom dele. Pod red. A. S. Burchakova. Moskva, Izd. 1. [Linear programming] Lineinnoe programirovanie. 1967. 141 p.
- DAIASHOV, G. M. [Filter of ventilation installations] Slesar'-ventilatsionnik. Moskva, Stroiizdat, 1967. 61 p. (Mota professii).
- BARBAURA, T. M., M. P. SUKHOV, and N. A. SHELUDIAKOVA. [Glass-liter building materials] Staklovoknitalnye stroitel'nye materialy. Izd. 2-e, pererabot. i dop. Moskva, Stroiizdat, 1968. 175 p. (Noveye stroit. materialy).
- BARSUKOV, F. I. [Generation and selection of low-frequency signals] Generirovaniie i selektsiya signalov nizkoi chastyoty. Moskva, "Energiya," 1968. 240 p. (B-ka po radioelektronike. Vyp. 13).
- HELIOUSOVA, N. N. [Bacteria of the Escherichia coli group in the dairy industry] Bakterii grupy kishечно- stoltschki v molochnom proizvodstve. Moskva, 1967. 67 p.
- BOOACHIKIN, A. I. [Methods for training third class drivers] Metodika podgotovki shofarov tret'ego klassa. Moskva, Izd. DOSAAF, 1967. 112 p.
- BOGDANOV, E. A. [Automatic control of wood drying processes] Avtomatizatsiya upravleniya protsessom sushki drevessiny. Moskva, "Lesnaja prom-st'," 1967. 77 p.
- BOIARSKI, L. T., and K. P. KORSHIKOV. [Technology of the production of parts and assembly of machine tools and automatic lathes] Tekhnologiya izgotovleniya detalей i sborki metallobrabatovyvushchikh stankov i avtomaticheskikh linn. Moskva, "Mashinostroenie," 1968. 340 p.
- BOVSUNOVSKI, I. A., and O. N. VLASENKO. [Mechanization and automation of control operations in the manufacture of machines and instruments] Mekhanizatsiya i avtomatizatsiya kontrol'nykh operatsii v mashinostroenii i priborostroenii. Kiev, Izd. Kievskogo un-ta, 1968. 232 p.
- BRAYERMAN, P. F., and A. B. CHACHKIRANI. [Equipment for and mechanization of the production of synthetic fibers] Oborudovanie i mekhanizatsiya proizvodstva khimicheskikh volokon. Moskva, "Mashinostroenie," 1967. 324 p.
- [CALCULATION OF A SYSTEM OF THREE AND FOUR GUYS] Raschet sistem trekh i chetyrekh guzov. Moskva, 1968. 31 p. (B-ka programirovaniia i inzh.-tekhn. razdel. 40. Vyp. 1-40 "Tehnika").
- [CALCULATION OF TRANSIENT PROCESSES IN ELECTRICAL SYSTEMS USING ELECTRONIC DIGITAL COMPUTERS] Raschet prekhodnykh protsessov v elektricheskikh sistemakh na ETVAL. Moskva, "Giz," 1968. 103 p.
- CHEKHOV, A. P. [Polymers used in a long-term procedures] Polimery v antikorrozionnoi tekhnike. "Dudvel'nyk," 1968. 128 p.
- CHEREMNYKH, A. I. [Principles of rubber clothing] Osnovy khudozhestvennogo proizvodstva odevchdy. Moskva, "Legkaja industriya," 1967. 214 p.
- CHEKASKIN, V. M., T. M. ROMANOVA, and I. A. KAUZ. [Pumps, compressors, and fans] Pompy, kompressory, ventilatory. Izd. 2-e, pererabot. i dop. Moskva, "Energiya," 1968. 304 p.
- CHETVERIKOV, I. N. [Effective methods for the protection of boiler on continuous assembly] Effektivnye metody vedeniya protsessov prilavochivaniia potoknykh taktov. Moskva, 1967. 44 p.
- [COMMERCIAL TITANIUM DIOXIDE AND ITS PRODUCTION FROM ALTERED ELEMENTS BY THE ACID METHOD] Tekhnicheskaja shemka i metod polucheniia iz izmenennogo tlenida titana tlenida metodom. Kiev, "Naukova dumka," 1969. 41 p.
- [CONSTRUCTION SPECIFICATIONS AND REGULATIONS] Stroitel'nye normy i pravila. Izd. otis. Moskva, Stroiizdat. Ch. 2. Razd. D. Gl. 12. [Pile foundations] Sposoby spezializatsii. Sposoby ispol'zovaniia. SNIP III-D. 5-62. Uv. 21/XII 1967 g. 1968. 20 p. Ch. 2. Razd. I. Gl. 12. [Concrete and reinforced concrete gravity dams on soft foundations] Design specifications. Bolonnye i zhelezobetonnye gravitatsionnye plitnyye damy na mekhnicheskikh osnaniakh. Normy proektirovaniia. SNIP III-D. 17-67. Uv. 28/VII 1967 g. 1968. 31 p. Ch. 2. Razd. L. Gl. 6. [Schools of higher technical design norms] Vysshieye uchebnye zavody. SNIP III-D. 1-67. Uv. 20/VII 1967 g. 1967. 20 p. Ch. 2. Razd. N. Gl. 6. [Storage buildings for mineral fertilizers and chemical raw materials] Normy proektirovaniia. SNIP III-D. 8-67. Uv. 20/VII 1967 g. 1967. 41 p. Ch. 3. Razd. D. Gl. 1. [Earthquake resistance regulations on the execution of work and acceptance of completed work] Zemlutrastoykosti. Otsenka pravda proizvodstva i priemki rabot. SNIP III-D. 1-62. Uv. 20/XII 1962 g. 1967. 41 p. Ch. 3. Razd. V. Gl. 3. [Precast concrete and reinforced concrete structural elements. Regulations for the execution and acceptance of completed assembly work] Betonnye i zhelezobetonnye konstruksii sbornye. Pravila proizvodstva i priemki montazhnykh i sbornykh stroitel'nykh putovki montazhnykh i sbornykh stroitel'nykh putovki. SNIP III-D. 1-62. Uv. 14/XII 1962 g. 1968. 17 p. Ch. 3. Razd. G. Gl. 1. [Sanitary installations in buildings and structures. Regulations for the execution of work and acceptance of completed assembly work] Sanitarno-tekhnicheskoe obnashchivanie zdani i sooruzhenii. Pravila proizvodstva i priemki rabot SNIP III-G. 1-62. Uv. 21/XII 1962 g. 1968. 37 p. Ch. 3. Razd. D. Gl. 10. [Main pipelines. Regulations for the construction work organization, execution of work, and acceptance of completed work] Magistral'nye truhoprovody. Pravila ispol'zovaniia stroitel'stva, proizvodstva i priemki prikladnykh ekspluatatsii. SNIP III-D. 10-62. Uv. 21/XII 1962 g. 1968. 24 p. Ch. 3. Razd. K. Gl. 2. [Landscape architecture. Regulations for the execution of work and acceptance of completed work] Ozelemente. Pravila proizvodstva i priemki rabot. SNIP III-K. 2-67. Uv. 21/XII 1967 g. 1968. 12 p.
- [CONTINUOUS AND LONG HAIRS] Dvaystokovyye i dlinye vol'sy. Pod red. V. G. ATbrekhia. Moskva, "Transport," 1967. 260 p.
- [CORD CABLES IN PRESTRESSED REINFORCED CONCRETE STRUCTURAL ELEMENTS. Practice of the Ukrainian project. "Chelabimetalurgtrakt" Trak and steel wire- and cable plant of the Belorek Metallurgical Combine] Kordovye kably v prekrasoloi na naprazhennykh zhelezobetonnykh konstruksiyakh. Opyt Ukrainistromproketa tresta "Chelabimetalurgtrakt" i staloprovodno-kabalnogo proizvodstva Beloreksskogo metallurg. kombinata. Moskva, Stroiizdat, 1967. 17 p.

- WILLIAM R., and DOUGLAS G. HARVEY. [The efficiency of power generation. Translated from the English. Moscow, "Mashinostroyeniye," 1967. 413 p.]
- ... AND PRACTICE IN CONSTRUCTION PERMAFROST IN THE UNITED STATES DA. [Based on data of the International Association on Permafrost held in the United States] Osnovy i praktika stroitel'stva na vechnomozorozhdenii v SShA i Kanade. (Po dannym Mezhduнародного симпозиума по вечной мерзлоте в США). Pod redaktsiei V. I. L. [Moskva, Stroitel'stvo, 1968. 95 p.]
- ... P. [Rubber bearings used in the manufacture of machinery] Rezinovyye poselidki v mashinostroyeniye. "Mashinostroyeniye," 1968. 187 p.]
- ... I. F. A. [Theory and practice in sugar processing] Teoriya i praktika pererabotki. Moskva, "Pishchevaya prom-st'," 1968. 187 p.]
- ... AND BUILDING POULTRY PLANTS FOR POULTRY MEAT PRODUCTION. [Review] Osnovy i praktika stroitel'stva i upravleniya ptilitselovnykh zavodami i upravleniya. Otkor. Moskva, Otdel nauki i tekhniki, 1967. 127 p. (50 let Otkhritiya).
- ... MICROMODULE EQUIPMENT] Konstruktsiya i montazh mikroimulyatsionnogo apparata. N. A. Barkanov i dr. N. A. Barkanova, Moskva, "Sov. radio," 1968. 324 p.]
- ... OF FUEL BASE IN THE REGIONS OF THE U.S.S.R. [Razvitiye toplivnoy bazy rai- onov] Otkor. red. A. E. Prokhorov, Moskva, "Mashinostroyeniye," 1968. 324 p.]
- ... G., and A. V. KASHOV. [Guidelines for the construction of power plants] Voprosy stroitel'stva i upravleniya. Kiev, "Bilivsel'nyk," 1968. 187 p.]
- ... KIN, I. U. A. [Man and the automobile] Chelovek i avtomobil'. Moskva, "Znaniya," 1968. 48 p.]
- ... V. [Trenchless heating pipe laying] Beskontaktnyye sposoby ukladki teploprovodov. Kiev, "Bilivsel'nyk," 1968. 187 p.]
- ... SMALL-DIAMETER OIL AND GAS WELLS] Razrabotka i stroitel'stvo skvazhin malogo diametra. Moskva, "Nedra," 1967. 512 p.]
- ... D., and V. V. PLATONOV. [Differential equations for elements of power systems] Diferentsialnye uravneniya dlya elementov energosistemy. Moskva, "Energia," 1968. 110 p.]
- ... OF STRUCTURES] Dinamika sooruzheniy. G. Korenina, Moskva, Stroitel'stvo, 1968. 187 p.]
- ... L. I. Y. WELDED STEEL PIPES] Truby stal'nykh i legirovannykh spetsialnykh spetsialnykh. Moskva, "Izd. stankirov," 1967. 20 p.]
- ... N. S. HANDHOOK] Svarochnyye elektro- dnyye shvny. red. A. D. Smirnov i dr. Izd. "Mashinostroyeniye," 1968. 187 p.]
- ... Smirnov, L. P. [Construction of cable for the construction of cable] Konstruktsiya i montazh kablov. Moskva, "Nauka," 1968. 110 p.]
- ... IV. V. [Methods of analysis in the manufacture of separation products] Metody analiza i upravleniya proizvodstva razdelovnykh vozdukhov. Moskva, "Nauka," 1968. 110 p.]
- ... V. S. [About times, about comrades, about the future] O vremeni, o tovaristvakh, o budushem. Moskva, "Mashinostroyeniye," 1968. 361 p.]
- ... OF ANTI-FRICTION-BEARING BODIES] Osnovy i praktika stroitel'stva i upravleniya antitritseynymi korpusami. Moskva, "Nauka," 1968. 187 p.]
- ... G CYBERNETICS IN THE U. S. S. R. [Tekhnicheskaya kibernetika v SSSR]. Moskva, "Nauka," 1968. 187 p.]
- ... [Using motor fuels at low temperatures] Osnovy i praktika stroitel'stva i upravleniya toplivnykh pri nizkikh temperaturakh. Moskva, "Mashinostroyeniye," 1968. 187 p.]
- FAERMAN, A. I. [Some typical cases of determining the economic efficiency of technical solutions in welding] Nekotoryye tipovyye sluchai opredeleniya ekonomicheskoy effektivnosti tekhnicheskikh resheniy v svarochnom proizvodstve. Leningrad, 1967. 15 p. (Leningradskiy nauch.-tekhn. propagandnyy Seriya "Ekonomika i planirovaniye proizvodstva").
- FEL'DMAN, E. L. [The RD-3M-500 aircraft turbojet engine] Avtomobilynyy (avtomobilynyy dvigatel) RD-3M-500. Moskva, "Transport," 1968. 421 p.]
- FILIPPOV, K. P. [Safety manual for operators of artificial and stabilization installations] Pamiatka po tekhnike bezopasnosti dlya mashinistov ustanovok po iskusstvennomu i stabilizatsionnykh granuly. Stroitel'stvo, 1967. 18 p. (Tekhnika bezopasnosti v stroitel'stve).
- FUGENFIROV, M. I. [What one should know about gas-discharge lamps] Chto kazhdu znat' o gazorazrjadnykh lampakh. Moskva, "Energia," 1968. 121 p. (Dlya elektromontera. Vyp. 258).
- [FUNDAMENTALS OF THE THEORY AND DESIGN OF LIQUID PROPELLANT ROCKET ENGINES] Osnovy teorii i rascheta zhidkostochnykh raketykh dvigatelei. Pod obshch. red. V. M. Kudrjavtsev, Moskva, "Vyssh. shkola," 1967. 675 p.]
- FUNKOV, N. P. [Masks and the technology of their manufacture] Maski i tekhnologiya ikh izgotovleniya. Leningrad, 1967. 24 p. (Leningradskiy nauch.-tekhn. propagandnyy Seriya "Uchebnye kachestva, poyavleniya nadezhnosti i dolgovechnosti mashin, priborov, elektromotrov i radioelektronnogo apparata").
- GAL'PERIN, M. I., and E. P. SUTERN. [Design and operational features of hydraulic turbine equipment of the Volga hydroelectric power stations named after V. I. Lenin and the 22nd Congress of the CPSU] Konstruktsionnyye i ekspluatatsionnyye osobennosti gidroturbinnogo oborudovaniya Volzhskikh GES imeni V. I. Lenina i imeni XXII s'ezda KPSS. Moskva, "Energia," 1968. 95 p.]
- GARKUNOV, V. M., G. O. IVANOV, and A. E. KHLOST. [Sanitation and disinfection] Sanitsionnyye i dezinfitsionnyye sredstva. Moskva, "Meditsina," 1968. 24 p. (Khimiya v bytu).
- [GAS SUPPLY AND ITS USE IN THE U. S. S. R. (Based on materials of research conducted by the Scientific and Technological Society of the Power Industry)] Gazosnabzheniye i ispol'zovanie gaza v SSSR. (Po materialam rabot NTOEP). Leningrad, "Nedra," 1967. 182 p.]
- GEL'PERIN, N. I., V. G. ANSHTERN, and V. D. KVASHA. [Principles of the fluidization technology] Osnovy tekhniki psevdoozhizheniya. Pod red. N. I. Gel'perina, Moskva, "Khimiya," 1967. 604 p.]
- [GENERAL ENGINEERING NORMS FOR METAL-CUTTING OPERATIONS TO BE USED IN TECHNOLOGICAL STANDARDIZATION OF WORK ON MACHINE TOOLS] Obshcheimashinostroyeniye normativy rezhimov razrabotka i tekhnicheskogo normirovaniya rabot na metalloobrabatovatelnykh stankakh. Moskva, "Mashinostroyeniye," 1967. 200 p.]
- Ch. 2. [Gear-cutting, boring, thread-rolling, and cutting machines] Zuboreznoye, gorboval'no-rezalnnoye, rez'boval'noye i otkroynye stanki. 1967. 200 p.]
- [GENERAL PROBLEMS IN THE MANUFACTURE OF MACHINERY] Problemy stroitel'stva i upravleniya mashinostroyeniya. Trudy i Moskv. konferentsii molodykh uchennykh. Moskva, "Nauka," 1967. 200 p. (Mir glazami molodogo uchennogo).
- GENKIN, L. S. [Principles of automatic control in technological food processing] Osnovy avtomaticheskogo regulirovaniya tekhnicheskikh protsessov pishchevyykh proizvodstv. Moskva, "Pishchevaya prom-st'," 1967. 128 p.]
- GLUZMAN, L. D., and I. I. EDEL'MAN. [Laboratory control of the by-product coke industry] Laboratornyy kontrol' koksifikatsionnogo proizvodstva. Moskva, "Metallurgiya," 1968. 472 p.]
- GRACHEV, I. V., and V. P. VARLAMOV. [Automatic control in drilling and exploiting oil wells] Avtomaticheskii kontrol' v skvazhinakh pri burenii i ekspluatatsii. 2-o izd., ispr. i dop. Moskva, "Nedra," 1968. 327 p.]
- GRINBERG, L. S. [Multiple-winding potentiometers] Mnogovintovyye potentsiometri. Leningrad, "Energia," 1968. 92 p. (Dlya avtomatiki. Vyp. 201).
- GRITSYK, V. I., and G. I. TSIVIL'DUB. [Reinforcement of roadbeds by grass cultivation] Ukreplenie zemliannogo polozhka travoselantem. Moskva, "Transport," 1968. 128 p.]
- GROMAN, M. B., P. S. ZAK, and M. A. SHLEIFER. [Principles of the standardization of gear wheels] Osnovy normirovaniya zubchatykh kolez. Moskva, "Izd. standartov," 1967. 344 p.]
- GUKOV, V. I. [The quality mark is a symbol of technical progress] Znaki kachestva - simvol tekhnicheskogo progressa. Moskva, Izd. standartov, 1967. 53 p.]
- GUSEV, S. G. [Establishment of technical norms at enterprises of the building materials industry] Tekhnicheskoe normirovaniye na predpriyatiyakh promyshlennosti stroitel'stva i materialov. Moskva, Stroitel'stvo, 1967. 239 p.]
- [HEAT-RESISTANT PROTECTIVE COATINGS. Transactions of the 3d Seminar on Heat-Resistant Coatings] Temperaturoustoiчивyye zashechilnyye pokrytiya. Trudy III seminar po zhivotostoiimym pokrytiyam, Leningrad, 27-31 marta 1966 g. Leningrad, "Nauka," 1968. 354 p.]
- [HISTORY OF THE LENINGRAD METAL PLANT NAMED AFTER THE 22d CONGRESS OF THE CPSU] Istoricheskaya metallurgicheskaya zavod imeni XXII s'ezda KPSS. Leningrad, "Mashinostroyeniye," 1967. 300 p.]
- T. I. Serebrennikov, N. S. [Metallurgs]. Metallist. 1967. 490 p.]
- [HYDRODYNAMIC BEARINGS OF ROLLING MILL ROLLS] Gidrodinamicheskie opory prokalynykh valkov. Pod red. I. A. Todera. Moskva, "Metallurgiya," 1968. 200 p.]
- IEVLEV, V. I., and A. G. KANTAGIN. [Construction of enclosed 6-10 kv. power distribution systems] Montazh zakrytykh raspredelitel'nykh ustroystv 6-10 kv. Moskva, "Energia," 1968. 57 p. (Dlya elektromontera. Vyp. 262).
- IL'CHUK, V. M. [Automatic machinery for the production of curtains and their lifting with milk] Avtomaty ikh izgotovleniya i podnizheniya pakotov i napolneniya ikh mlekom. Moskva, "Pishchevaya prom-st'," 1967. 98 p.]
- IL'IN, V. A., and T. P. ZAKHAROVA. [Chemical and mechanical method for treating coupling components providing easy screw action after oil coupling] Khimiko-mekhanicheskiy sposoby obrabotki krepesnykh detalей dlya obespecheniya svochnymeni i posle gal'vaniicheskikh pokrytiy. Leningrad, 1967. 16 p. (Leningradskiy nauch.-tekhn. propagandnyy Seriya "Uchebnye kachestva, poyavleniya nadezhnosti i dolgovechnosti mashin, priborov, elektromotrov i radioelektronnogo apparata").
- [INDUSTRIAL GAS FIRED WATER BOILERS] Gazovyye vodogreynyye promyshlennyye-napavlyayemye kotly. Pod obshch. red. I. A. Sigina. Kiev, "Tekhnika," 1967. 145 p.]
- [INSTALLATION OF MACHINERY AND MECHANISMS USED IN CHEMICAL PRODUCTION] Montazh mashin i mekhanizmov khimicheskikh proizvodstv. Moskva, Stroitel'stvo, (Seriya prakt. posobiya po povysheniyu materiestva v prom. stroitel'stve). Vyp. 1. Vol'berg, N. E., and A. I. Shvarts. [Installation of centrifugal compressor machines] Montazh tsentrobefzhnykh kompressornykh mashin. 1968. 236 p.]
- Vyp. 2. Byk, A. L., and N. E. Vol'berg. [Installation of rotary pumps] Montazh topasnykh nastrosov. 1968. 239 p.]
- [INSTRUCTION 166-63 ON THE TESTING OF AUTOMATIC POTENTIOMETERS] Instruktziya 166-63 po proverke avtomaticheskikh potentsiometrov. Izd. ofits. (Moskva) Izd. standartov, 1967. 60 p.]
- [INSTRUCTION 176-63 ON THE TESTING OF STANDARDIZED 1st CLASS, 2d CLASS AND LABORATORY-TYPE OPTICAL PYROMETERS FOR MEASURING LUMINANCE TEMPERATURES BETWEEN 900° AND 10,000°C] Instruktziya 176-63 po proverke obrazovnykh i 2-go razrjadov i laboratornykh opticheskikh piro- metrov dlya izmoreniya larkostnykh temperatur ot 900 do 10 000° C. Izd. ofits. (Moskva) Izd. standartov, 1967. 38 p.]

- [INSTRUCTION ON WORKING ON PLANTS FOR PREVENTING ACCIDENTS CAUSED BY GAS, EXPLOSIONS, AND FIRES IN ENTERPRISES OPERATING UNDER THE CONTROL OF THE STATE COMMITTEE OF THE COUNCIL OF MINISTERS FOR SUPERVISION OF INDUSTRIAL SAFETY AND FOR MINING INSPECTION OF THE U.S.S.R. (with the exception of mining enterprises)] *Instruktsiya po sostavlenniyu planov likvidatsii avari. Rasprostraneniya na vse gazo-, vzryvno- i požarnopasnyye proizvodstva, podkontrol'nyye Gosgortekhnadzoru SSSR i na isklucheniye proizvodstva gornodobyvatelskoy promyshl. Uv. Gosgortekhnadzoru SSSR* 28 XI 1967 g. Moskva, "Nedra," 1968. 53 p.
- [INSTRUCTIONS ON ORGANIZING THE BUILDING OF ENTERPRISES FOR MINERAL MINING] *Ukazaniya po organizatsii stroitel'stva predpriyatiy po dobyche poleznykh iskopaemykh. SN 377-67, izd. 1115, Uv. 29 VII 1967 g. Moskva, Stroitel'stvo, 1968. 25 p.*
- KASPAROV, G. B. [Organization and planning in cellulose and paper industry] *Organizatsiya i planirovaniye tselulozno-bumazhnoy proizvodstva. Moskva, "Lesnaya promisl.", 1967. 323 p.*
- KAZAKOV, N. F. [Diffusion welding in vacuum] *Diffuzionnaya svarka v vakuumе. Moskva, "Mashinostroyeniye," 1968. 332 p.*
- KLEPKO, F. K. [Local building materials of the Ukraine and problems of the development of their production] *Mesinye stroitel'nyye materialy Ukrainy i problemy razvitiya ikh proizvodstva. Kiev, "Naukova dumka," 1967. 166 p.*
- KLOCHINEV, N. I. [Founding properties of cast iron] *Litelnye svoystva chuguna. Moskva, "Mashinostroyeniye," 1968. 132 p.*
- KLUSHIN, D. N. [Solidifying of nonferrous metals] *Shitidirovaniye tsvalnykh metallov. Moskva, "Metallurgiya," 1968. 212 p.*
- [KNIT GOODS] *Trikolazhnye izdeliya. Izd. 1115, Moskva, Izd. standartov. (Gos. standarty SSSR). Ch. 2. 1968. 435 p.*
- KOLESIK, V. D., and E. T. MIRONCHUKOV. [Decoding of cyclic codes] *Dekodirovaniye tsiklicheskikh kodov. Moskva, "Svyaz," 1968. 251 p.*
- KOLICHAK, S. N. [Advanced technology and automation of circular grinding] *Progressivnaya tekhnologiya i avtomatizatsiya kruglogo shliemaniya. Moskva, "Mashinostroyeniye," 1968. 106 p.*
- KOSOLAPOV, I. I., and A. G. KROL'. [Manufacture of molds for reinforced-concrete supports of electric power transmission lines] *Izgotovleniye slozh zhelezobetonnykh opor dlia elektroperedach. Leningrad, "Energiya," 1968. 176 p.*
- KRAMARENKO, G. V. [Maintenance of motor vehicles] *Tekhnicheskoye obsluzhivaniye avtomobilei. Izd. 2-e, pererabot. Moskva, "Transport," 1968. 400 p.*
- KRINITSKIY, I. I. [Design of nonlinear automatic control systems] *Raschet nelineynykh avtomaticheskikh sistem. Izd. 2-e, ispr. i dop. Kiev, "Tekhnika," 1968. 311 p.*
- KRUGLOV, G. A. [Machining instrument parts with diamond cutting tools] *Obrabotka al'maznyimi rezantsimi detalei priborov. Moskva, "Mashinostroyeniye," 1968. 227 p.*
- KRYLOV, V. L., and N. I. SUKHENKO. [Prevention of circulation losses in well drilling. (Practice abroad)] *Dor'ba s pogloshcheniye pri burenii skvazhin. (Zarubezhnyy opyt). Moskva, "Nedra," 1968. 176 p.*
- KRYMOV, V. V. [Safety measures and industrial sanitation during work with magnesium alloys] *Tekhnika bezopasnosti i proizvodstvennaya sanitariya pri rabote s magnievyimi splavami. Izd. 2-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1968. 228 p.*
- KUKLEV, L. S. [Universal die sets for sheet stamping] *Universal'nye bloki shlampov dlia listovoi shlampovki. Moskva, "Mashinostroyeniye," 1967. 111 p.*
- KUNDIN, M. B. [Profitable operations of the coal industry] *Renabel'naya rabota ugol'noy promyshlennosti. Moskva, "Nedra," 1968. 96 p. (Konkretinaya ekonomika dlia gornikov).*
- KUSHNER, F. V. [Radio measurements] *Radioizmereniya. Izd. 2-e, dop. i ispr. Moskva, "Svyaz," 1968. 287 p.*
- [LABORATORY MANUAL ON HYDRAULICS AND HYDRAULIC MACHINES (PUMPS)] *Laboratornyy praktikum po gidravlike i gidravlicheskim mashinam (nascam). Pod obshch. red. I. A. T. Kovaleva i I. A. M. Vil'nera. Izd. 2-e, pererabot. i dop. Minsk, "Vysheish. shkola," 1967. 184 p.*
- LADUR, T. A., and E. N. KONONOVA. [Production of corn syrup] *Proizvodstvo kukuruznoi patoki. Moskva, "Pishchevaya promisl.", 1967. 126 p. (Ucheb. posobie dlia podgotovki kadrov massovyykh professii).*
- LANTSBERG, I. D. [Handbook for young excavator operators] *Spravochnik molodogo mashinista ekskavatora. Izd. 2-e, ispr. i dop. Moskva, "Vyssh. shkola," 1968. 272 p.*
- LEIKAND, M. S. [Vacuum-type electric furnaces (resistance and induction)] *Vakuumnye elektricheskiye pechi (soprotivleniya i induktsionnyye). Moskva, "Energiya," 1968. 328 p.*
- LENINGRADSKIY ELEKTROTEKHNIЧЕСКИЙ ИНСТИТУТ SVIAZI. [Materials of the Scientific and Technical Conference of the Leningrad Electrical Engineering Institute of Communication (March 16-23)] *Materiyny Nauchno-tekhnicheskoy konferentsii LEIS (16-23 marta). Leningrad. Vyp. 3. 1968. 198 p.*
- LEONOV, A. A., and A. K. SOKOLOV. [Wall for us, stars] *Zhdite nas, zvezdy. Moskva, "Mol. guardiya," 1967. 106 p. (K 50-letiyu Velikoy Otechestskoy revolyutsii). [In Russian and English]*
- [LITERATURE ON RAILROADS IN THE U.S.S.R.] *Zhelezнодорожная литература SSSR. 1968. Moskva, "Transport," 1968. 300 p.*
- LOGACHEV, A. A. [Magnetic prospecting] *Magnitno-razvedka. Izd. 3-e, ispr. i dop. Leningrad, "Nedra," 1968. 295 p.*
- LOGIN, M. I. [Conveying and processing of chips] *Transportirovka i pererabotka struzhki. Moskva, "Mashinostroyeniye," 1968. 86 p.*
- [LONG-DISTANCE POWER TRANSMISSION SYSTEMS. Translation of reports of the International Conference on Electrical Systems (CIGRE 1968)] *Mezhdunarodnaya konferentsiya po elektr. sistemam (CIGRE 1968 g.). Pod red. S. S. Rokolana. Moskva, "Energiya," 1968. 291 p.*
- [LOW-POWER AND TRACKING ELECTRICAL DRIVES] *Malnomoshnyye i sledyashchiye elektropriivody. Leningrad, "Nauka," 1968. 193 p.*
- [MACHINE PARTS. Design and construction. Handbook] *Osnovy mashin. Raschet i konstruirovaniye. Spravochnik. Pod red. N. S. Acherkova. Izd. 3-e, pererabot. Moskva, "Mashinostroyeniye." T. I. 1968. 448 p.*
- [MACHINE-TOOL ATTACHMENTS. Parts and units] *Siamochnyye prisoisobleniya. Detali i uzly. Izd. 1115, Moskva, [Izd. standartov]. (Gos. standarty SSSR). Ch. 5. GOST 4084-68 - GOST 4089-68; GOST 4730-68 - GOST 4743-68; GOST 6025-68 - GOST 6028-68; GOST 9051-68 - GOST 9053-68; GOST 9061-68; GOST 13426-68 - GOST 13447-68. 1968. 191 p.*
- [MACHINERY AND INSTRUMENTS FOR MATERIALS TESTING. (Collected articles from the periodical "Zavodskaya laboratoria")] *Mashiny i pribory dlia ispytaniya materialov. (Sbornik statii zhurn. "Zavodskaya laboratoria"). Moskva, "Metallurgiya," 1968. 288 p.*
- [MAGNETIC DIGITAL COMPONENTS] *Magnitnye tsifrovyye elementy. Moskva, "Nauka," 1968. 310 p.*
- [MAGNETIC FILMS IN COMPUTER TECHNIQUE] *Magnitnye plaki v vychislitel'noy tekhnike. Kiev, "Naukova dumka," 1967. 172 p.*
- [MAGNETOHYDRODYNAMIC GENERATORS. Transactions of the International Symposium on the Production of Electric Energy Using Magnetohydrodynamic Generators. Salzburg, Austria, July 4-8, 1968] *MGO generatory. Trudy Mezhdunar. simpoziuma po proizvodstvu elektrenergii s pomoshch'yu MGD-generentorov. Zal'tsburg, Avstriya, 4-8 Iulya 1968 g. Red. Yu. M. Volkov i dr. Moskva, T. I. 1967. 401 p.*
- MAGNITSKIY, K. P. [Magnesium fertilizers] *Magnitovyye udobreniya. 2-e izd., ispr. i dop. Moskva, "Kolos," 1967. 200 p.*
- MAIOROV, S. A. [Design and manufacture of modules and micromodules] *Proektirovaniye i proizvodstvo modulei i mikromodulei. Moskva, "Mashinostroyeniye," 1968. 188 p.*
- MAJMEISTERS, ALEKSANDRS, VITAUTS JANUZA, and GUNARS TETERS. [Strength of rigid polymeric materials] *Soprotivleniye zhestikh polimernykh materialov. Riga, "Zinatne," 1967. 380 p.*
- MAMEDOV, SH. N., G. G. MEKHITAROV, and B. A. OSIPOVA. [Efficient working of salt deposits in Azerbaijan] *Ratsional'naya razrabotka moshch. razved. kamennoy soli Azerbaidzhana. Baku, Izd. AN Azerb. 1967. 224 p.*
- MANDRYN, S. A. [Manufacture of electrical steel] *Oshlakhivaniye elektromagnitnogo. Moskva, "Energiya," 1968. 80 p. (B-kha elektrometallurgiya. Vyp. 23).*
- [MANUAL ON PRACTICAL STUDIES IN THE TECHNOLOGY OF INORGANIC SUBSTANCES] *Recheniya k prakticheskim zaniyatiyam po tekhnologii neorganicheskikh veshchestv. Pod obshch. red. M. E. Borina. Izd. 3-e, ispr. i dop. Leningrad, "Khimiya," 1968. 380 p.*
- MANYKIN, A. N., A. A. KHUPCHUK, and I. I. ZAVISOVICHI. [Semiconductor devices in photorecording, detection and control] *Poluprovodnikovyye ustroystva dlia fotoelektricheskogo kontrolya i upravleniya. Minsk, 1967. 36 p.*
- MARDER, M. V. [Experience in burning bark in fuel and paper combines] *Opyt szhiganiya korny i koru v kombinatakh papernykh kombinatakh. Moskva, "Lesnaya promisl.", 1967. 160 p.*
- MARKOVA, V. N., and D. A. GOZHENKO. [Magnetic transistors] *Magnitki PT, 2-i izd. Kiev, "Naukova dumka," 1967. 407 p. (Nauka, popul. literatura).*
- [MATERIALS IN MACHINERY MANUFACTURE. Selection and use. Handbook. In 5 volumes] *Materiyny i ikh primeneniye. Vychislitel'noy tekhnike. V 5 t. I. Pod obshch. red. I. V. Kholoditskogo. Moskva, "Mashinostroyeniye." T. I. [Nonferrous metals and alloys] *Tsvetnyye metally i splavy. Pod red. N. P. Zaslavskogo. 1967. 304 p.**
- [MECHANIZED STOPPING COMPLEXES "TULA" built to their arrangement, assembly operation and repair] *Ochisheniye mekhanizirovannyykh kompleksov "Tula". Rukovodstvo po ustroystvu, namozhku, ekspluatatsii i remontu. Moskva, "Nedra," 1967. 308 p.*
- MERKULOV, A. P. [With the brain of man and the brain of automatic machines] *Razvitiye cheloveka i avtomaticheskikh mashin. Moskva, "Mashinostroyeniye," 1967. 103 p.*
- [METHODS FOR INVESTIGATING THE DEFORMATION AND THE KINETICS OF STRAINING IN REINFORCED CONCRETE DURING THERMAL TREATING. (Translations of the international symposium, Moscow, 1968)] *Metody issledovaniya deformatsii i kinetiki razvitiya protsessov razluchnykh bezvaz. v puterovoye i puterovoye obrabotki. (Trudy kinematika, konstruirovaniya i D.I. ref. S. A. Smirnova i I. A. Malinich. Moskva, S. Izdat. 1967. 172 p.*
- METUZALEM, E. V., and E. A. RYMANOV. [Technique of receiving antennas] *Prilozheniya tekhicheskoye i konstruirovaniye. Moskva, "Energiya," 1968. 48 p. (Mashinostroyeniye. Biblioteka. Vyp. 642. Spravochnaya seriya).*
- MINDEL, E. O., P. A. DEMCHUK, and V. F. ALIKHAYEV. [Borehole sampling] *Zabivka shpurnykh. Moskva, "Nedra," 1967. 152 p.*
- MININ, A. B., and V. A. FATEEV. [Using radio-locating methods for automating the quality control of building materials] *Avtomatizatsiya kontrolya kachestva stroitel'nykh izdelii radioelektricheskimi sredstvami. Leningrad, 1967. 21 p. (Kadrov. literatura. Tekhn. preparyumy. Seriya "Stran. materialy i konstruirovaniye").*
- MISHIN, I. A. [Durability of engines] *Dolgovershaya deyatelnost', Leningrad, "Mashinostroyeniye," 1968. 280 p.*
- NAVROTSKIY, D. I. [Design of welding joints taking account stress concentrations] *Raschet svarnykh soedineniy s uchedom koncentratsii napryazheniy. Leningrad, "Mashinostroyeniye," 1968. 171 p.*
- NAZAROV, L. S. [New developments in testing of locomotives involving the use of trackless locomotives] *Novoye v razvitiyakh ispytaniy lokomotivov na bezkolosnykh vozakh. Leningrad, "Transport," 1967. 40 p. (Dostizheniya nauchnykh i proizvodstvennykh).*

- [TECHNOLOGY, MECHANIZATION AND AUTOMATION OF INDUSTRIAL PROCESSES IN UNDERGROUND MINING] Tekhnologiya, mekhanizatsiya i avtomatizatsiya proizvodstvennykh protsessov podzemnykh razrabotok. Moskva, "Nedra," 1968. 475 p.
- TELIS, P. I. [Automation of the process of mashing in beer brewing] Avtomatizatsiya nepreryvnogo protsessa zatracaniya v pivovarenii. Moskva, 1967. 32 p.
- [TEST-DRAIN STUFFING BOX COCKS MADE OF BRASS FOR P₁₀ kgf/cm²] Krany probno-spusknye sal'nikovyye litimyye na P₁₀ kge/cm², GOST 8730 - 67, GOST 13242 - 67. Izd. ofits. Moskva, [Izd. standartov], 1968. 20 p. (Gos. standarty SSSR).
- [THEORETICAL BASES OF PROSPECTING FOR SOLID MINERALS] Teoreticheskie osnovy poiskov i razvedki tverdykh poleznykh iskopaemykh. Pod red. V. M. Kretsera. Moskva, "Nedra," T. 1. [Prospecting] Polek. 1968. 431 p.
- [THEORY OF AUTOMATIC CONTROL] Teoriya avtomaticheskogo upravleniya. Puti razvitiya. Red. A. V. Netushila. Moskva, "Vyssh. shkola," Ch. 1. 1968. 424 p.
- TITOV, N. P., and D. I. SINAREVICH. [Electric machinery] Elektricheskie mashiny. Posobie po kursovomu proektirovaniyu. Leningrad, Ch. 2. [Electric micromachines, special electrical machines, transformers, and amplifiers for automatic equipment] Elektricheskie mikro-mashiny, spetsial'nye elektricheskie mashiny, transformatory, usiliteli dlya ustroystv avtomatiki. 1968. 34 p.
- [TOOLS FOR THE PRODUCTION OF BOLTS, SCREWS, AND RIVETS ON AUTOMATIC COLD-HEADING MACHINES] Instrument dlya proizvodstva boltov, vintov i zaklepkok kholodnoyazhichnykh avtomaticheskikh. GOST 12072-67 - GOST 12994-67. Izd. ofits. Moskva, [Izd. standartov], 1967. 367 p. (Gos. standarty SSSR).
- [TRANSFORMERS. Translations and abstracts of reports of the International Conference on Large Electrical Systems (CIGRE) in 1964 and 1966] Transformatory. Perevody i referaty dokladov Mezhdunar. konferentsii po bol'shim elektr. sistemam (CIGRE) 1964 i 1966 gg. Pod red. S. I. Rabinovitcha. Moskva, "Energiya," 1968. 264 p.
- [TRANSISTOR AUTOMATIC CONTROL NETWORKS. Design and calculation] Transistornyye skhemy avtomaticheskogo upravleniya. Proektirovaniye i raschet. Pod red. I. I. Koneva. Moskva, "Sov. radio," 1967. 280 p. [Radioelektronnaya skhema na poluprovodnikovyykh priborakh. Proektirovaniye i raschet].
- UKRAINSKAIA NAUCHNO-TEKHNIЧЕСКАЯ КОНФЕРЕНЦИЯ ПО ТЕРМО- I СОЛЕУСТОЙЧИВЫМ ПРОМЫСЛОВЫМ ЖИДКОСТЯМ I ТАМПОНАЖНЫМ РАСТВОРАМ. Ist. Kiev, 1968. [First Ukrainian Scientific and Technological Conference on Heat- and Salt-Resistant Drilling Fluids and Grouting Mortars. Abstracts of reports and communications] Tezisy dokladov i sobeshecheniy. Kiev, 1968. 133 p.
- [USE OF MATHEMATICAL METHODS AND MODELS IN PLANNING THE PETROLEUM REFINING INDUSTRY] Matematicheskie metody i modeli v planirovani neftepetrokharakternykh promyshlennosti. Moskva, "Nauka," 1967. 255 p.
- VAINSHTEIN, V. E., and G. I. TROIANOVSKAYA. [Dry lubricants and self-lubricating materials] Sukhie smazki i samosmazyvayushchiesya materialy. Moskva, "Mashinostroyeniye," 1968. 170 p.
- VARNAYSKIKH, A. D., A. S. TSAREV, and I. I. KURZAEV. [Automation of lighting systems in poultry houses] Avtomatizatsiya osveshcheniya ptichnikh. Moskva, "Kolos," 1967. 72 p.
- VAVIN, V. N. [Voltage transformers and their secondary circuits] Transformatory napriazheniya i ikh vtorichnye tsepi. Moskva, "Energiya," 1967. 102 p. (B-kh elektromontera. Vyp. 239).
- [VENEER AND VENEER PRODUCTS] Finera i finernyye izdeliya. Izd. ofits. Moskva, [Izd. standartov], 1968. 196 p. (Gos. standarty SSSR).
- VIALYKH, V. A., and I. S. GAL'KEVICH. [Repair of mining equipment] Remont dolynykh ustroystv. Moskva, "Kolos," 1967. 111 p. (B-kh rabochego-remontnitsa).
- VIDUEV, N. G., D. I. RAKITOV, and V. P. GRZHIDOMSKIY. [Surveying measurements in the installation of machinery and equipment] Geodezicheskie izmereniya pri ustanoivke mashin i obrudovaniy. Moskva, "Nedra," 1967. 160 p.
- VOLPIAN, G. A. [On the job training of repair electricians] Proizvodstvennoye obucheniye elektromontirovshchikov. Izd. 2-e, pereizdat. i dop. Moskva, "Vyssh. shkola," 1968. 160 p.
- VSESOIYUZNAIA KONFERENTSIYA PO INFORMATSIONNO-POISKOVYIM SISTEMAM I AVTOMATIZIROVANNOMU OBRABOTKE NAUCHNO-TEKHNIЧЕСКОЙ INFORMATSII. 3d, Moskva, 1968. [Transactions of the Third All-Union Conference on Information Retrieval Systems and Scientific and Technical Information Processing. In four volumes] Trudy. V 4-tykh t. Pod obshch. red. A. I. Mikhailova, I. I. Petrova, D. I. Voskoboinikova. Moskva, T. 3. [Automatic reading equipment] Avtomaticheskoye chitaniye tekhnicheskoy literatura. 1967. 305 p.
- VIL'FSON, I. A., V. G. ZUSMAN, and A. G. ROZINOV. [Coding of the information of control programs] Kodirovaniye informatsii upravlyayushchikh program. Moskva, "Energiya," 1968. 95 p. (B-kh po avtomatike. Vyp. 204).
- [WIRE NAILS] Gvozdi provolochnye. GOST 4028-63 - GOST 4030-63, GOST 4032-63 - GOST 4035-63 i GOST 283-63. Izd. ofits. Moskva, [Izd. standartov], 1968. 24 p. (Gos. standarty SSSR).
- ZIL'BERKO, G. I. [High-voltage electron beams] Vysokovol'tnyye elektronnyye puchki. Moskva, "Energiya," 1968. 240 p.
- ZILURAVLEV, V. N., and O. I. NIKOLAEVA. [Machine manufacturing costs. Handbook] Mashinostroitel'nyye sttsii. Spravochnik. Izd. 2-o, pereizdat. i dop. Moskva, "Mashinostroyeniye," 1968. 331 p.
- ZIN'KOVSKIY, M. M. [Concise manual for metalworkers on safety measures and industrial sanitation] Kratkiy spravochnik metallurga po bezopasnosti i proizvodstvennoy sanitarii. Moskva, "Metallurgiya," 1968. 210 p.

17. MILITARY & NAVAL SCIENCES

- ANDRIYEVSKIY, M. I. [Open vessels for inland navigation] Otkrytye suda vnutrennego plovaniya. Leningrad, "Sudostroyeniye," 1968. 175 p.
- [AUTOMATION IN SHIP HANDLING] Avtomatizatsiya sudovozhiznnya. Moskva, "Transport," 1967. 304 p.

BASKVICH, V. V. [Organization of passenger transportation by sea] Organizatsiya morskikh passazhirskikh perevozok. Moskva, "Transport," 1967. 219 p.

BOGATOV, V. V., and V. A. ZILARSKIY. [Icebreaker] IA klavus! Pomi. Kn. Izd., 1967. 75 p. (B-kh priizvnykh).

CHERNIAEV, P. N. [Repair of ship piping] Remont sudovyykh truboprovodov. Moskva, "Vyssh. shkola," 1967. 232 p.

[DRILL REGULATIONS OF THE ARMED FORCES OF THE U. S. S. R.] Sirovoi uslov Vozdukhnykh Sil SSSR. Moskva, Voenizdat, 1968. 179 p.

EMEL'YANOV, I. V. [Small tourist motorboats] Klye turistiskie motornyye suda. Leningrad, "Sudostroyeniye," 1967. 368 p.

[ENGLISH-RUSSIAN MILITARY DICTIONARY, Over 50,000 terms] Anglo-russkiy i russkiy slovar. Slovar 50 000 terminov. Sost. G. A. Sudzhikovskiy i dr. Pod obshch. red. G. A. Sudzhikovskogo. Izd. 2-e, pereizdat. i dop. Moskva, Voenizdat, 1968. 1093 p.

FEDOSILEV, P. [From river barges to seagoing ships] Ot rechnykh barzha do morskikh smlov. Vol'gograd, N. - Volzh. kn. Izd., 1967. 142 p.

[HEROES OF SOVIET RUSSIA] Geroy zemli Sovetskoy. [Izd. 2-o, ispr. i dop.] Petrozavudsk, Karel. an. Izd. 1968. 307 p.

[INSTRUCTIONS ON FIRE EXTINGUISHING ON RIVER CHAFT] Ukazaniya po tusheniyu pozharov na rechnykh sudakh. Uv. 12/11 1966 g. Ch. 1 i 2. Moskva, "Transport," 1968. 175 p.

[INSTRUCTIONS ON THE BUILDING OF INLAND NAVIGATION VESSELS. Section "Sizing." Approved and put into effect on the 18/7 1967] Pravila postroyeniya sudov vnutrennego plovaniya. Razdel "Itai, ob uplyeniye," Uv. i vved. v deystvie 18/VI 1967 g. Moskva, "Transport," 5 p. (Rechnoy registr NPSPI).

KRANIOV, Z. A. [Marine internal combustion engines. Design and construction] Smoye dvigateli vnutrennego agoraniya. Konstruktsiya i raschety. Izd. 2-o, pereizdat. i dop. Moskva, "Transport," 1968. 375 p.

PAVLOV, V. A. [Principles of the design and calculation of gyroscope instruments] Osnovy proektirovaniya i rascheta gloskopicheskikh priborov. Leningrad, "Sudostroyeniye," 1967. 407 p.

MIASNIKOVA, E. N., and I. L. MIASNIKOV. [Alloys and ships] Alomy i korabi. Leningrad, "Sudostroyeniye," 1967. 130 p.

1. GENERAL

SCHOLARLY JOURNALS

- ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Series in the Physical, and Mathematical Sciences**, Baku.
- Contents translated:**
- An invariant of homogeneous non-linear equations relative to a linear group. p. 3.
 - Use of the mathematical statistics estimating the effect of the physical properties of rocks marked to be drilled in a variable cutting rate. p. 4.
 - Studying certain properties of a variable random rule as applied to a computing device. p. 12.
 - Kerimov, Z. A. - Static optimization conditions of annular gas collectors.
 - Trofanskaya, D. O., Kostrikov, V. A. - Systems in a thyristor transformer.
 - S. - Uniform convergence of factors summability of Laplace series.
 - A nonlinear equation in certain cases. p. 34.
 - On some boundary properties of analytic functions. p. 40.
 - Khalilova, T. A. - Spectrum of self-adjoint differential operators of order with integral boundary conditions.
 - G. - On the completeness of a certain set of analytic functions. p. 59.
 - Solving Dirichlet's problem for a function in a convex domain with corner.
 - Study of instantaneous dynamic polymer materials. p. 71.
 - Problem concerning the stressed eccentric ring tightly coupled with a star disc inside of different material. p. 77.
- ACADEMY OF SCIENCES OF THE U.S.S.R. Reports**, Tbilisi, vol. 47, no. 3.
- Contents translated:**
- A Tauberian theorem on double series. p. 513.
 - M. R. - Haar type measures, noninvariant group symmetry. p. 159.
 - A. M. - Matrix elements of the spinor of a group of rotations of an Euclidean space and their implied functions of Euler's angles. p. 525.
 - A. - Solution of a problem involving isotropic homogeneous rods. p. 529.
 - A. R. - Percolation through an earth of impermeable cores. p. 535.
 - R. - Study on sequential queueing systems.
 - A. - Dependence of reaction time uncertainty and response uncertainty.
 - Determining the parameters of a to molybdenum trioxide single crystal. p. 551.
 - L. - Khushkivadze, A. P. - High low importance. p. 557.
 - F. - Relation between vertical air and atmospheric ozone. p. 561.
 - Distribution of ionospheric radio waves along the radio wave trajectory. p. 567.
 - Joselidze, D. S. - Preparation of reduced carbon by electrocarbonization of wood. p. 575.
 - V. - and others. - Effect of organic on the process of crystallization of sulfates. p. 581.
 - Dynamics of nitrates and absorbed gray-brown soils of Krstantel. p. 585.

- Tomkasi, T. S., Bochoridze, L. D. - Transformation of 10Cl_4 and 20Cl_4 of acetic acid by yeast in the process of respiration. p. 591.
- Dzhabidze, I. L., Turmanidze, T. S., Dolidze, D. A. - Selection of promising fodder yeast forms from ingested and Akhmeti Plants. p. 595.
- Zaitseva, M. M., and others. - Molecular characteristics of protein M. p. 601.
- Kvitaladze, I. V. - Effect of boron and manganese on the accumulation of glycoalkaloids in *Solanum tuberosum*. p. 607.
- Kavrisvili, K. V. - Current state of the study of lamellae. p. 613.
- Akhvediani, D. G., Gambashidze, R. A. - Upper Cretaceous stratigraphy of the Gaurula ravine. p. 619.
- Dolidze, A. Sh. - Authigenic mineral formations in the Upper Cretaceous rocks of Mount Aistil (western Georgia). p. 625.
- Ivanki, T. V. - Formation of metamorphic perillites. p. 631.
- Shulova, I. I. - Paleogeological study of Quaternary sediments of the northwestern Caucasus. p. 637.
- Mikheevich, G. A., Kiknadze, T. Z. - Submarine springs of the Black Sea and some karst areas in the Mediterranean Sea. p. 643.
- Mehlis, I. I., Gershtovich, M. I. - Determining the degree of regulating the run-off in water-deficient regions. p. 649.
- Akhvediani, N. B., Danielashvili, M. A. - Calculating the carrying capacity of reinforced shells of revolution on electronic digital computers. p. 655.
- Dolidze, A. D. - Calculating precast and poured-in-place prestressed reinforced concrete structures considering plastic strains (with nonlinear creep). p. 659.
- Dzhalaladze, T. I., Gogiberidze, I. U., Mikheevich, Sh. M. - Effect of zirconium dioxide and cerium dioxide on the density and surface tension of oxide melts. p. 665.
- Kandelaki, R. D., Gometauri, V. I. - Heat emission and hydraulic resistance of surfaces with rough-type elements "boundary layer chopers." p. 669.
- Kadzharov, M. V. - Conversion of continuous information to discrete information by the representation of a variable by a numerical series. p. 675.
- Araculashvili, V. G. - Materials on the algae in waters of the Dzyg' River basin. p. 681.
- Menutsishvili, T. S., Lachashvili, I. A. - Some rare and new plants in Georgia. p. 685.
- Georgobiani, L. L. - Forms of phosphorus compounds in the grapevine as related to chlorosis. p. 689.
- Chanturia, N. N., and others. - New fungicides against apple scab. p. 695.
- Soporteladze, M. P. - Distribution of leaf beetles (Coleoptera, Chrysomelidae) in various biotopes in the vicinity of Tbilisi. p. 701.
- Kiknadze, M. T. - Materials on the differentiation of ovary in hens of the Russian white breed. p. 705.
- Suladze, L. F. - Study of the microstructure of the eukaryotic muscular sac in *Anguilla rostrata* holopteryon. p. 709.
- Sikharulidze, N. I. - Study of the behavior of amphibians (frogs). p. 715.
- Chikashvili, D. M. - Characteristics of heartbeat rhythm changes in centers of different training during exercises. p. 719.
- Bolkvadze, A. I. - Potassium, calcium, sodium and iodine content in the blood serum of a rabbit in experimental hypothyroidism. p. 725.
- Gagua, A. M. - Application of new hemostatic drugs in the surgery of parenchymatous organs. p. 729.
- Kikvidze, I. V. - Intravenous injection of paraminosulfonic acid solution in compound treatment of lung tuberculosis patients. p. 735.
- Bezarshevili, D. A. - Effect of sulfur-containing amino acids on some indices of the functional state of hypophysis - adrenal cortex. p. 741.
- Ganatov, A. G. - Effect of corticosteroid hormones on the morphological structure of bladder wound healing in vitro. p. 747.
- Dmitrienko, M. F. - Journal "Skidny'tsiv" on nations of the Caucasus. p. 753.
- Brashinskii, I. B. - Ancient history of the economic relations of the eastern Black Sea region based on numismatic materials. p. 759.

AKADEMIA NAUK TADZHIKSSR, Dushanbe, Doklady [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Reports], Dushanbe, vol. 11, no. 3, 1968.

- Table of contents translated:**
- Kamilov, M. Kh. - Mean value of double sum. p. 3.
 - Alskorov, S. A., Vodonova, V. K. - Alternating method in the case of a mixed problem for the

- Laplace equation. p. 7.
- Samandarov, A. G. - Equidistribution of simple ideals in II mod classes. p. 11.
- Babayev, G. - On the further development of the ergodic method. p. 14.
- Borkinov, Kh. B., Asadov, F. - Note on solving the plane problem in the theory of elasticity on an anisotropic body. p. 16.
- Bobodzhanov, I. B., and others. - Multiple neutron yield in muon capture in copper. p. 18.
- Salakhutdinov, M. I. - Calculating the velocity of sound in liquid mixtures. p. 22.
- Tuslanovskii, V. T., Orifkhozhev, U., Starchik, L. P. - Tellurium determination by the radioactivation method in (n, 2n) reaction. p. 26.
- Eliseev, S. S., Vozhdava, E. E., Pokatilo, L. D. - Thermogravimetric study of the systems $\text{MoOCl}_4 - \text{WO}_3$, $\text{WOCl}_4 - \text{MoO}_3$. p. 30.
- Pachadzhanyan, D. N., Koloitarov, I. A., Khakimkhodzhaev, N. - Study of the reaction of hexavalent molybdenum with the azo dye sodium violet LRL and the possibility of its use in photometric analysis. p. 33.
- Bogdanov, V. P., Kadralov, M. I., Kvalkovskii, I. V. - Thermodynamic reasons for certain features of corrosion behavior of copper in acids. p. 37.
- Glukhov, I. A., Tursumov, A. - Reducing chlorination of calcium vanadate. p. 40.
- Iakovlev, I. U. A., Sifanov, T. A., Iakovlev, K. B. - Geochemical conditions of the accumulation and transformation of the organic matter of Upper Cretaceous sediments of the Dushanbe Trough. p. 44.
- Babkov, K. V., Kakhonova, L. P., Sultayev, G. Kh. - Age of the lower part of Bakharri layers in the Tajik Depression and its mountain margin. p. 48.
- Litvinenko, K. I. - Methodology of geochemical prospecting for cassiterite-sulfide deposits in the Zeravshan-Gissar mountain area. p. 51.
- Pilosov, A. M. - Mineral salts in loess rocks of Tajikistan deposits. p. 54.
- Abdushukurova, R. A. - Karyotype of *Amygdalus Potanikovi* Litv. p. 58.
- Tolbukhov, D., Abdulloeva, S. K., Giller, U. M. - Characteristics of chlorophyll binding in an artificial pigment-protein complex. p. 62.
- Lini, I. I. - New species of the genus *Rivolina* Borl. of Chop. (Manshuden, Maudslayi) from the Fergana valley of Tajikistan. p. 66.

AKADEMIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal], Moscow, vol. 38, no. 3, Mar. 1968.

- Table of contents translated:**
- Himmelfarb, M. M. - Gorkii, the propagandist of science on the 10th anniversary of his birth. p. 3.
 - Science and its premises. (A publication of the A. M. Gorkii Anniversary). p. 10.
 - Alekseyevich, M. G., Guvornov, N. N. - High-speed computers and their use in physical research. p. 14.
 - Frank, G. M. - Machine biology (Automation of telescopic windows). p. 21.
 - Zhavoronkov, N. M. - Role of inorganic chemistry in technological progress. p. 31.
 - Toropov, N. A. - New refractories. p. 39.
 - Rykalin, N. N. - Plasma processes of production and treatment of materials. p. 41.
 - Zhurkov, S. N. - Kinetic conception of the strength of solids. p. 46.
 - Karavayev, K. B., Tsiperko, M. P. - Measuring information systems. p. 53.
 - Eretyev, A. P. - Algorithmic programming languages. p. 58.
 - Kostenko, M. V. - Reliability of long-distance super-high-voltage electric current transmission. p. 61.
 - Kuznetsov, I. A. - Radio astronomy research in Latvia. p. 69.
 - Bogdanov, O. P. - Study of venomous snakes. p. 72.
 - Kirenskiy, L. V. - Physical research at Krasnoyarsk. p. 74.
 - Zhukov, A. B. - Contemporary tasks in chemistry. p. 77.
 - Cherskii, N. V. - Development of science in Yakutia. p. 81.
 - Melnikov, P. I. - Problems in permafrost theory. p. 85.
 - Gushkov, O. S. - Investigation of volcanoes of the Kurilo-Kamchatka Arc. p. 90.
 - Shilo, N. A. - Complex studies in the North-East. p. 94.
 - Academician A. R. Arbuzov, obituary. p. 99.
 - Solodovnikov, V. G. - Congress of students of Africa at Dakar. p. 103.
 - Kapitsa, S. P. - American laboratories of high-energy physics. p. 107.
 - Mikhailov, N. N. - Development of the manufacture of astronomical instruments. p. 111.
 - Prokofyev, B. G. - Cyto-genetics of man and animals. (Conference in Moscow). p. 112.
 - Ryzhikov, K. M. - Achievements and tasks of Soviet helminthology. p. 114.
 - N. I. Vavilov, on his 80th birthday. p. 116.

- ARMENIA SE GODNIA: Informatsionnyi Bulletin [ARMENIA TODAY: Information Bulletin]. Issued by Ararat-kochevskoye drevlye i zolotnoye svyazi s zarubezhnyim stranami [Armenian Society of Friendship and Cultural Contacts with Foreign Countries]. Erevan, no. 3, 1967.
- EESTI NSV TRADIITSE AKADEEMIA. Toimetus. Ühiskonnateadused. Lühendite Akadeemia teaduskirjandus. Oshcheshivleniye nauki [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin. Social Sciences]. Tallinn, vol. 17, no. 3, 1968.
- FRIVAN. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 99, 1965. Series of geological and geographical sciences.
- Table of contents translated:
- Iskakov, D. P. - Age of Neogene rocks in the Voronezh and Akkera ridges. p. 3.
- Saritsyan, O. A. - Some characteristics of the tectonic structure and development of the Sever-Sibirskiy akkordion. p. 11.
- Nazarian, A. E. - Brief outline of the geology, tectonics, and history of tectonic development of the Tschukotka Range. p. 23.
- Babayan, S. I. - Chemical characteristics of different age intrusive and effusive rocks of Armenia in the numbers of A. N. Zarnitskiy. p. 41.
- Vartapetian, D. S. - Subsurface distribution of endogenic mineralization of Armenia. p. 67.
- Gogorin, G. O. - Genetic interrelationship of quartz porphyrites and plagiogranites in Kamchatka. p. 73.
- Perchuk, L. L., Ruzhkov, V. L., Tolstov, T. S. - Geological and physicochemical characteristics of the formation of mineral associations of the Tschukotka Massif, Durgan-Rudnaya of southern Armenia. p. 83.
- Ovchinnikov, G. O. - Physicochemical regionalization of the Armenian S.S.R. p. 111.
- Gurzhikyan, G. K. - Chemical weathering and migration of elements of the volcanic island of the Armenian S.S.R. p. 123.
- KURSK. GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 24, 1968; nos. 29, 32, 34, 1967.
- KUYBISHEV. GOSUDARSTVENNIY PEDAGOGICHESKIY INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 52, 1967.
- LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vests. Izvestia Akademii nauk Latvijas SSR [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin]. Riga, nos. 11-12 (244-245), 1967, nos. 1-8 (246-253) 1968.
- LIETUVOS TSR MOKSLU AKADEMIJA. Viltis. Darbai. Serija A. Trudy Akademii nauk Litovskoi SSR, Serija A [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Transactions. Series A]. Vilnius, nos. 1-2 (26-27), 1968.
- LIETUVOS TSR MOKSLU AKADEMIJA. Viltis. Darbai. Serija B. Trudy Akademii nauk Litovskoi SSR, Serija B [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Transactions. Series B]. Vilnius, no. 1 (52), 1968.
- Table of contents translated:
- Jasinskone, K., Bilidone, E. - Use of ammonium citrate, sulfosalicylic and oxalic acids as reagents for determining micro amounts of chromium (VI) by kinetic method. p. 3.
- Lur'e, Y. Y., Zaimorov, J., Belevicova, V. S. - Electrochemical oxidation of sulfur compounds contained in sulfur alkaline waste waters of petroleum refineries. p. 11.
- Mozolis, V. V., Chelka, A. A. - Acetylene amines. Report 3: Catalytic synthesis of some α -acetylene amines. p. 18.
- Rozovskij, G. I., Prokopchik, A. M., Jankauskas, R. - Oxidation of copper (II) by periodate to trivalent state. p. 25.
- Balunas, I. I., Nijmura, A. A. - Some problems of dynamics in a two-channel optimizing control system. p. 35.
- Balunas, I. I., Nijmura, A. A. - Mutual coupling of channels and operating capacity of a two-channel optimizing control system. p. 56.
- Balunas, I. I., Nijmura, A. A. - Forced mode of self-adjustment in an optimizing control system with synchronous detection. p. 87.
- Nijmura, A. A., Sorkin, E. D. - Stability of an adaptive model in the form of a "line" with weight coefficients. p. 75.
- Kapustinskis, A. I. - Optimally criteria of geometric parameters of capacitive sensitive elements. p. 83.
- Kapustinskis, A. I. - Electric field of 2 unlike charged axes over an anisotropic dielectric plate. p. 93.
- Kilina, A. - Reliability of magnetic tape memory devices. Part 3: Information density of a magnetic discrete data recording system. p. 105.
- Minkovskis, V. - Change of the granulometric composition and degree of roundness of sand in wind-driven sand depending on wind velocity on mobile dunes of the Kursk Nerija Spit. p. 103.
- Pololov, J., Kirlyis, V., Jurkevicius, A. - Changes of coastlines and submarine slope under conditions affecting artificial constructions. p. 119.
- Kirlyis, V. - Dependence of velocities of overwash flow on parameters of wave breaking in the zone of final capping. p. 137.
- Strauskaitis, R. - Some lithodynamic characteristics of the beach slope of a shallow sandy seacoast. p. 147.
- Pauliukevicius, G. - Anthropogenic transformation of the physical properties of soil water in the plain landform of forest land. p. 155.
- Pauliukevicius, G., Masilionas, I. - Geochemical regionalization of landforms and biogeochemical characteristics of Lithuanian landforms: some geochemical characteristics of landforms of the Central Lithuanian Lowland. p. 167.
- Grigelyte, M., Seibulis, A. - Kinds of peat and their geographic distribution in the Lithuanian S.S.R. p. 183.
- Malulevicius, V. - Some results of the measurement of natural radioactivity of the atmosphere using a recorder with continuously moving filter. p. 201.
- Solomon meeting of the Academy of Sciences of the Lithuanian S.S.R. dedicated to the 60th anniversary of the Great October Socialist Revolution. p. 219.
- Annual meeting of the Academy of Sciences of the Lithuanian S.S.R., February 28-27, 1968. p. 241.
- OSHIKHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademii nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 12, nos. 6-8, 1968.
- PERM. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 165, 1967. Materials on geographical studies in the western Ural Mountain region, Siberia, and eastern Asia.
- Table of contents translated:
- Mazur, T. A., Guseva, A. N. - Characteristics of the roller and nonmetallic mineral deposits in the Ochor and Otkansk districts of Perm Province. p. 3.
- Shchotnikov, I. U. - Studying the topographical development of the lower Iron Valley. p. 17.
- Mazur, T. A. - History of the study and use of ferrous deposits in the western Ural Mountain region and the Ural Mountain part of Perm Province. p. 21.
- Vlasov, U. A. - History of making a map of the central Ural Mountain region, 1704-1780. p. 30.
- Batyeva, K. G., Ashchevko, R. V. - Thermal characteristics of karst lakes. p. 49.
- Molokova, V. K. - Methods for measurement of magnetic inclination. p. 54.
- Nestorov, N. I. - Judging soil of territorial complexes for their possible use as regions of agriculture and hunting. p. 60.
- Astolov, V. I. - Use of geomorphological methods for determination of geological structures in the lower Tura Valley. p. 68.
- Troitskij, A. V. - Some results of the division of Perm Province into agricultural regions. p. 70.
- Lapov, S. N. - Some geodesic and topographic during the rule of Peter I who participated in the second Kamchatka Expedition. p. 86.
- RIGA. UNIVERSITATE. Uchenye zapiski Latvijas gossudarstvennogo universiteta [UNIVERSITY. Studies]. Vol. 89, 1967.
- SARANSK. MORDOVSKIY GOSUDARSTVENNIY UNIVERSITET. Uchenye zapiski [MORDOVIAN STATE UNIVERSITY. Studies]. No. 37, 1964. Seriya zoologicheskaya [Problems of feeding and raising farm animals], no. 1.
- Table of contents translated:
- Prudov, A. I. - Characteristics of young produced by crossing the Flebaki-lan and Jersey breeds of cattle. p. 3.
- Fomin, A. A. - Effect of different castration methods on the fattening effectiveness of bull calves. p. 13.
- Konov, E. M. - Some aspects of the year-round silage feeding of cows kept in stalls. p. 32.
- Svirnov, O. K. - Comparative evaluation of Red Estonian and slomokotized cattle. p. 40.
- Sorin, P. I., Volkov, F. N. - Streptomyces mycelia in pig and chick ration. p. 50.
- Zavada, N. A. - Effect of the season of the first farrowing and pasture keeping of sows on their fertility and size and development of piglets in the suckling period. p. 72.
- Muskhin, N. S., Zavada, N. A. - Productive qualities of Berkshire pigs at the breeding farm "Krasnaya Mordovka." p. 83.
- Kozlova, A. E. - Growth and development of purebred and hybrid piglets. p. 92.
- Konov, A. E. - Effect of some trace elements (iron, copper, cobalt) on the growth of sucking pigs. p. 100.
- Lapshin, S. A. - Effect of the feed protein level on the fetal development of sheep. p. 109.
- Lapshin, S. A. - Utilization by pregnant ewes of feedstuff rations with different levels of protein.
- Shapkarin, V. I. - Effect of the type of feeding curve fetal development of sheep. p. 135.
- Shapkarin, V. I. - Growth and development of young lambs in the postnatal period. p. 145.
- Frolova, V. G. - Productive qualities of rams of different breeds. p. 150.
- Korlagui, I. A. - Comparative growth and development of purebred and hybrid chicks. p. 157.
- Sarychev, N. I. - Phosphorus metabolism in lambs under different levels of protein in feed. p. 163.
- SVRDLDOVSK. URAL'SKIY GOSUDARSTVENNIY UNIVERSITET. Uchenye zapiski [URAL STATE UNIVERSITY. Studies]. No. 50, 1966. Seriya fizicheskaya [Series in the Physical Sciences], no. 2. Structure and properties of solids. Topical collection of scientific works on the problem of reaction diffusion.
- Table of contents translated:
- Arkharov, V. I., Vangengelm, S. D. - Characteristics of the thermoelectromotive force originating in polycrystalline specimens of diluted solid solutions. p. 1.
- Arkharov, V. I., Vangengelm, S. D., Kalina, Z. I. - Investigation of the thermoelectromotive force originating in polycrystalline specimens of diluted solid solutions. Solid solutions based on copper. p. 6.
- Arkharov, V. I., Bakhtolova, N. D. - Diffusibility of silver into iron in the presence of small amounts of palladium or copper. p. 11.
- Arkharov, V. I., Serikova, V. P. - Isothermic calorimeter for the energy measurement of grain mixtures in polycrystals. p. 22.
- Blankova, E. B., Ilyash, K. M., Kolova, D. O. - Studying the crystallochemical characteristics of some compounds with nickel nreacile type structure. p. 25.
- Arkharov, V. I., Konev, V. N., Kushalova, N. A. - Investigating the mechanism of reaction diffusion in binary alloy - gas systems. Part 4: Sulfidation of copper-zinc, copper-aluminum, and copper-manganese alloys. p. 30.
- Konev, V. N., and others. - Investigating the mechanism of reaction diffusion in binary alloy - gas systems. Part 5: Sulfidation of copper-zinc, copper-aluminum, and copper-manganese alloys. p. 36.
- Arkharov, V. I., and others. - Investigating the reaction diffusion in binary alloy - gas systems. Part 6: Sulfidation of alloys based on copper with the use of the performing method. p. 60.
- Arkharov, V. I., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 7: Chromium - carbon - nitrogen system. p. 72.
- Arkharov, V. I., and others. - Studying the Cr_2C_3 - Cr_2N system. p. 78.
- Konev, V. N., Levina, R. A., Nestorov, A. F. - Studying the reaction diffusion in metal - complex gas systems. Part 8: Oxidation of titanium in a nitrogenous atmosphere. p. 80.
- Konev, V. N., Levina, R. A. - Structure of lower titanium oxides. p. 92.
- Chetov, V. N., Konev, V. N., Saorzhikov, V. A. - Defect structure of ionic crystals in equilibrium with the complex gas phase. p. 95.
- Konev, V. N., Aitakovskii, B. P., Gochayev, V. S. - Investigation of the reaction diffusion in metal - complex gas systems. Part 10: Nickel - oxygen-sulfur system. p. 108.
- Blankova, E. B., and others. - Investigating the reaction diffusion in the metal - complex gas system. Part 11: Oxidation of nickel in a selenium-containing atmosphere. p. 112.
- Konev, V. N., Anisimova, N. G., Avtolan, A. K. - Investigating the reaction diffusion in metal - complex gas systems. Part 12: Manganese - sulfur dioxide system. p. 118.
- Blankova, E. B., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 13: Manganese - oxygen - selenium system. p. 122.
- Blankova, E. B., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 14: Manganese - sulfur - selenium system. p. 128.
- Konev, V. N., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 15: Oxidation of iron in sulfur-containing atmosphere. p. 130.
- Konev, V. N., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 16: Cobalt - oxygen - sulfur system. p. 143.
- Konev, V. N., Levina, R. A. - Investigating the reaction diffusion in metal - complex gas systems. Part 17: Analysis of thermodynamic equilibrium conditions. p. 152.
- Solomonov, V. E., Rybalko, F. P. - Macromechanism of fatigue in superposition on an alternating deformation of a constant variable. p. 155.
- Rybalko, F. P., and others. - Oriented hardening in the case of alternating torsion with extension. Part 1. p. 159.
- Rybalko, F. P., Gusev, G. V., Shevchenko, R. I. - Oriented hardening in the case of alternating torsion with extension. Part 2. p. 167.

F. P., Kalanov, L. M. - Statistics of the distribution of plastic deformation in aluminum crystals. p. 174.

F. P., Vekhtin, A. P. - Rationality of selection of boundary conditions in the statistical investigation of the distribution of plastic deformation. p. 178.

V. P., Zubankov, V. N., Shevchenko, R. I. - Studying the rate of growth of single crystals. p. 183.

G. V., Tybalko, F. P. - Effect of the size of grain on the localization of macrostresses of different directions. p. 183.

V. I., and others. - Studying the magnetization of the Co-Pt alloy in strong pulsed fields. p. 183.

6. [publ. 1971]. Seriya Astronomicheskaya. In Astronomiya] no. 3.

16 of contents translated:

N. A. - Determining the longitude by the observation of stars near the elongation. p. 1.

Kov, M. A. - Statistical investigation of elliptical variables. p. 24.

L. I. - Evolution of close binary systems. p. 24.

Kov, M. A., Tokuyeva, I. I. - Studying the structure of galaxy clusters in the Cygnus fields. p. 24.

Kov, N. K. - Some characteristics of the field on Jupiter. p. 96.

LIKOOI, Tolmachev, I. I. - Ichenye zapiski Targoskularstvennogo universiteta [UNIVERSITY. Vol. 2, no. 195, 1967.

KA VIL'NA AKADEMIA NAUK. Presidium, N. A. - Diulet' [UKRAINIAN FREE ACADEMY OF SCIENCES. Presidium Bulletin]. Kharkov, 1966; no. 13(17), 1968.

BURIATSKII KOMPLEKSNYI NAUCHNO-VOZRASTOVYI INSTITUT. Kratkie soobshcheniya TSENTRIFUGALNOGO ISLEDOVANIYA. [Reports]. No. 2, 1968.

16 of contents translated:

ev, M. A. - To the personnel of the Buryat Institute. p. 3.

V. D. D. - Development of scientific studies in Buryatia and their ties with the problems of life. p. 5.

V. Ch. TS. - Dispersion of electromagnetic waves in the local inhomogeneities of the troposphere. p. 21.

V. I. - The vertical structure of tornadoes. p. 21.

V. S. - Use of radioactive tracers in geophysical studies for the needs of Buryat industry. p. 21.

TS. O. - Quaternary formations with the remains of bones in the area of Tuguy Valley. p. 21.

Orzhizhev, TS. TS. - Physical properties of and ores in Buryatia. p. 42.

M. V. - Effect of iodine on plants of oases in Buryatia in the disinfection of seed by potassium iodine. p. 48.

N. G. - Daurian leaf beetle as a pest of plants in the Buryat A.S.S.R. p. 63.

N. G., Noslerova, L. P. - Chemical means for controlling the cabbage moth and an ecological evaluation of the time of their use in the Buryat A.S.S.R. p. 66.

Ch. O. I. - The acanthocephala in the Baital region. p. 61.

M. V. - Methods used in the estimation of the usefulness of photosynthesis for cereals. p. 64.

Z., Dariev, A. D., Skornikova, V. F. - A method of detection of common nitrogenous organic compounds. p. 69.

Ch. A. S., Babueva, TS. M. - Micromethod for the detection of mercury in organic compounds. p. 69.

A. D. - New data on the movement of wind-blown sands. p. 70.

M. A. - Machinery for taking samples in the analytical analysis of soil: the pipette method. p. 70.

Ch. L. A., Ishboldin, A. A. - A unit for the testing of mud. p. 83.

Nov, I. A. - Agrarian relations among the peoples of the Buryat Administrative Area in the second half of the 19th century. p. 86.

enko, G. I. - A page from the history of the village of Buryan, a village of the "Semotaki" district. p. 94.

ev, T. A. - Word stock of the living language of the differential groups; based on the materials of Buryat language. p. 100.

ov, M. P. - Lexical characteristics of the Altai language. p. 107.

TS. D. - Common semantic characteristics of proverbs and sayings of various peoples. p. 107.

L. E. - Note on present-day Russian folklore in the Altai region. p. 118.

G. O. - A storyteller from Eravna. p. 125.

on, B. D., Semichov, B. V. - Tibetan collection of proverbs. p. 131.

An annual conference on the results of our Institute's work in 1969. p. 135.

A meeting devoted to the 80th anniversary of V. I. Lenin's birth. p. 137.

In the Department of Economics and Geography. p. 139.

Geological studies in Buryatia. p. 140.

In the Department of Biology. p. 141.

In the Department of Language and Literature. p. 141.

In the Department of History and Ethnography. p. 141.

In the Department of the Foreign Countries of the East. p. 142.

In the Department of the Arts. p. 143.

b. POPULAR MAGAZINES

AMERIKA: Ilustirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C., no. 142, Aug. 1968.

AZIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii i Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 12, no. 7, July 1968.

Table of contents translated:

The economic system is the main arena of struggle. p. 2.

Zakutskii, M. - U.S.S.R. - Africa: aid without profit. p. 5.

Boitanskii, V. - Realities in the Persian Gulf area. p. 8.

Iugov, V. - Echo of the Vietnam War in Japan. p. 11.

18 years of struggle. p. 14.

Urbigova, N. - West German intelligence services against Africa. p. 16.

Stonov, V. - Malabar's fishermen. p. 18.

Frenkel, M. - Role of the chieftains in Sierra Leone. p. 20.

Kurganov, M. - Contemporary African narrative. p. 28.

Mphahlele, Ezekiel. - A suitcase; a story. p. 29.

Peitkovskaya, A. - Stories about apartheid. p. 32.

Ngugi, James. - Kenya's return; a story. p. 33.

Ekwensi, Cyprian. - A stranger from Lagos; a story. p. 35.

Viktorov, R. - Africans are masters of short stories. p. 38.

Polonskii, V. - Geologists came to the jungles. p. 39.

Khlyunov, V. - The voice of "Zimbabwe". p. 43.

Wolanowski, L. - In the land of Papua (to be continued). p. 44.

Rakhuvtskii, G. - Japan's socialists today. p. 48.

Kilazov, I. I., Tsvetkov, O. - In the "empire of diamonds and gold". p. 51.

Evans, people, and facts. p. 64.

Kamal, M. - After 46 years. p. 60.

DAVYNOK [PERIWINKLE]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soyuza molodoi Ukrainy i Respublikanskii rada Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 9, Sep. 1968.

BEJARUS' [WHITE RUSSIA]. Organ of Salut plamennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, no. 9(278), Sep. 1968.

BIAROSKA [THE LITTLE BIRCH]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soyuza molodoi Belarusi i Respublikanskiy Sovet plamennikau organizatsii imeni V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Minsk, vol. 44, nos. 8-9, Aug.-Sep. 1968.

DADZIS [THISTLE]. Riga, nos. 11-17, 1968. [In Latvian]

KHORPUSHTAK [HEDGECOCK]. Dushanbe, no. 12(350), June 1968. [In Tajik]

KOSTER [CAMPFIRE]. Issued by Tsentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soyuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 9, Sep. 1968.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, no. 23-25, Aug.-Sep. 1968.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soluz sovetskikh obshchestv druzhiy i kul'turnoi svyazi s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 12, no. 9, 1968.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministerium and Eesti NSV Ametiühingute Nõukogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 11, nos. 7-9, July-Sep. 1968. [In Estonian]

LIESMA [FLAME]. Issued by Latvijas LKJS Centrālā komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, nos. 7-8(124-125), July-Aug. 1968. [In Latvian]

MÄDENIET ŽHĀNE TŪRMYS [CULTURE AND LIFE]. Issued by Ministertva kultūry Kazakhskei SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 9(23), Sep. 1968. [In Kazakh]

MURZHIKA. Issued by Tsentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soyuza molodezhi i Tsentral'nyi soviet Vsesoiuznogo pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 9, Sep. 1968.

NOORUS [YOUTH]. Issued by Eestiaini Leninliku Kommunistliku Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 23, nos. 7-9(261-263), July-Sep. 1968. [In Estonian]

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign Language Publishing House]. Pyonyang, nos. 7-8, (244-245), 1968.

OGONEK [THE LITTLE LIGHT]. Moscow, nos. 38-41(250-254), Sep.-Oct. 1968.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radnashka Ukraina." Kiev, vol. 42, nos. 14, 16, 18(702, 784, 798), July-Sep. 1968.

PIONEER [PIONEER]. Erivan, no. 6, 1968. [In Armenian]

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, nos. 5-9, May-June 1968. [In Turkmen]

PIONEER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soyuza molodezhi i Tsentral'nyi soviet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, no. 9, Sep. 1968.

PIONERI [PIONEERS]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soyuza molodoi Ukrainy i Respublikanskii rada Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 45, nos. 9-10(539-540), Sep.-Oct. 1968.

POL'SIA [POLAND]. Warsaw, nos. 0(100), 0(108), 1968.

RANOK [MORNING]. Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 16, no. 9(185), Sep. 1968.

RODINA [OUR COUNTRY]. Issued by Komitet za vovrashchenie na Rodinu i razvitiu kul'turnykh svyazoi s rodochistvennikami [Committee for Repatriation and Development of Cultural Relations with our Country-men]. Berlin, vol. 10, no. 4, July-Aug. 1968.

RODNYE DALI [BELOVED VETAS]. Hollywood, Calif., vol. 15, no. 175, Oct. 1968.

SEL'SKAIA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 9, 6-9, June, Aug.-Sep. 1968.

SHIMEL' [BUMBLEBEE]. Alma-Ata, vol. 13, no. 8(151), Aug. 1968.

SKYNTIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, no. 8, 1968. [In Moldavian]

ŠLUOTA [THE DROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 12, 14-17, June-Sep. 1968. [In Lithuanian]

SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 17, no. 265, Oct. 1968.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministertva kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, no. 9, Sep. 1968.

SOVIETSKII SOIIZ [SOVIET UNION]. Moscow, no. 10(224), 1968.

SOVREMENNAAI MONGOLIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 13, no. 8(127), Aug. 1968.

- ARMENIA SE GODNIA: Informatsionnyy biulleten' [ARMENIA TODAY: Information Bulletin]. Issued by Armenian-Soviet friendship society [Kulturalniy svyazi s zarubezhnyimi stranami [Armenian Society of Friendship and Cultural Contacts with Foreign Countries]. Erevan, no. 3, 1967.
- BESTI NSV TEADUSTE AKADEEMIA. Tolmetsed. Uskovnateadused. Ivestitsia Akademii nauk Estoniskoi SSR. Oshcheshivemye nauki [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin, Social Sciences]. Tallinn, vol. 17, no. 3, 1958.
- ERIVAN. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 99, 1955. Series of geological and geographical sciences.
- Table of contents translated:
- Isakhanian, D. P. - Age of Neogene rocks in the Vorotan and Akera basins. p. 3.
- Sarkisyan, O. A. - Some characteristics of the tectonic structure and development of the Seim-Shirak synclinorium. p. 11.
- Nazarian, A. L. - Brief outline of the geology, tectonics, and history of tectonic development of the Taashkuryan Range. p. 21.
- Rafesyan, S. L. - Chemical characteristics of different age intrusive and effusive rocks of Armenia in the lands of A. N. Zavaritskiy. p. 41.
- Vartapetian, B. S. - Subsurface distribution of endogenic mineralization of Armenia. p. 67.
- Gingorjan, G. G. - Genetic interrelationship of quartz porphyries and plagiogranites in Shikakhan. p. 73.
- Perelchik, L. L., Rusinov, V. L., Tarevskiy, T. Sh. - Geological and physicochemical characteristics of the formation of mineral associations of the Prishikaya Massif, Barguzin Ridge of southern Armenia. p. 87.
- Ogibin, K. O. - Physicochemical reformation of the Armenian S.S.R. p. 111.
- Gubarevskiy, G. K. - Chemical weathering and migration of elements of the volcanic upland of the Armenian S.S.R. p. 123.
- KURSK. GOSUDARSTVENNIY PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 24, 1966, nos. 29, 32, 34, 1967.
- KUYBISHEV. GOSUDARSTVENNIY PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 52, 1967.
- LATVIJAS PADOMIU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis. Ivestitsia Akademii nauk Latvijas SSR [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin]. Riga, nos. 11-12 (244-245), 1967, nos. 1-8 (246-253) 1968.
- LIETUVOS TSR MOKSLU AKADEMIJA. Vilna. Darbai. Serija B. Trudy Akademii nauk Litovskoi SSR. Seriya B [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Transactions. Series B]. Vilnius, nos. 1-2 (20-27), 1968.
- Table of contents translated:
- Jasinskaya, E., Bilde, E. - Use of ammonium chloride, sulfosuccinic and oxalic acids as activators for determining micro amounts of chromium (VI) by kinetic method. p. 3.
- Lur'e, Y. Y., Zolnerkus, J., Belevskaya, V. S. - Electrochemical oxidation of sulfur compounds contained in sulfur alkaline waste waters of petroleum refineries. p. 11.
- Mozilov, V. V., Chelka, A. A. - Acetylene amines. Report 3: Catalytic synthesis of some acetylene amines. p. 19.
- Rozovskiy, G. I., Prokopenko, A. I., Jankauskas, R. - Oxidation of copper (II) by periodate to trivalent state. p. 25.
- Baltrunas, I. I., Niamura, A. A. - Some problems of dynamics in a two-channel optimizing control system. p. 35.
- Baltrunas, I. I., Niamura, A. A. - Mutual coupling of channels and operating capacity of a two-channel optimizing control system. p. 55.
- Daltrunas, I. I., Niamura, A. A. - Forced mode of self-adjustment in an optimizing control system with synchronous detection. p. 67.
- Niamura, A. A., Surkin, E. D. - Stability of an adaptive model in the form of a "line" with weight coefficients. p. 75.
- Kapustinaskas, A. I. - Optimality criteria of geometric parameters of capacitive sensitive elements. p. 85.
- Kapustinaskas, A. I. - Electric field of 2 unlike charged axes over an anisotropic dielectric plate. p. 93.
- Kilna, A. - Reliability of magneto tape memory devices. Part 3: Information density of magnetic disc recording system. p. 105.
- Minkovskiy, V. - Change of the granulometric composition and degree of roundness of sand in wind-driven sand depending on wind velocity on mobile dunes of the Kursh Neris Spit. p. 109.
- Dolgov, J., Kirly, V., Jurkevicius, M. - Changes of coasts and submarine slope under conditions affecting artificial constructions. p. 119.
- Kirly, V. - Dependence of velocities of overwash flow on parameters of wave breaking in the zone of flat capsizing. p. 137.
- Siauskaitis, R. - Some hydrodynamic characteristics of the beach slope of a shallow sandy seacoast. p. 147.
- Paulukevicius, G. - Anthropogenic translocation of the physical properties of soil water in the plant landscape of forest land. p. 155.
- Paulukevicius, G., Masilunas, L. - Geochemical regionalization of landforms and biogeochemical characteristics of Lithuanian landforms; some geochemical characteristics of landforms of the Central Lithuanian Lowland. p. 167.
- Grigelyte, M., Reibulis, A. - Kinds of peat and their geographic distribution in the Lithuanian S.S.R. p. 183.
- Malychevich, V. - Some results of the measurement of natural radioactivity of the atmosphere using a recorder with continuously moving filter. p. 201.
- Solemn meeting of the Academy of Sciences of the Lithuanian S.S.R. dedicated to the 50th anniversary of the Great October Socialist Revolution. p. 219.
- Annual meeting of the Academy of Sciences of the Lithuanian S.S.R., February 26-27, 1968. p. 241.
- ODSHCHISTVENNYE NAUKI UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademii nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 12, nos. 6-8, 1968.
- PERM. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 165, 1967. Materials on geographical studies in the western Ural Mountain region, Siberia, and eastern Asia.
- Table of contents translated:
- Mazur, T. A., Gusev, A. N. - Characteristics of the relief and nonmetallic mineral deposits in the Ocher and Okhansk districts of Perm Province. p. 3.
- Trutnevskiy, I. V. - Studying the topographical development of the lower Iron Valley. p. 17.
- Mazur, T. A. - History of the study and use of ferrous deposits in the western Ural Mountain region and the Ural Mountain part of Perm Province. p. 21.
- Vlasov, I. V. - History of mining a map of the central Ural Mountain region, 1704-1780. p. 30.
- Bugryna, K. G., Iashchenko, R. V. - Thermal characteristics of karst lakes. p. 49.
- Piotrkova, V. K. - Methods for measurement of magnetic inclination. p. 63.
- Noshtalov, N. I. - Judging soil of ferrihedral complexes for their possible use as regions of agriculture and lumbering. p. 69.
- Aloskov, V. I. - Use of geomorphological methods for determination of geological structures in the lower Tula Valley. p. 83.
- Troitskaya, A. V. - Some results of the division of Perm Province into agricultural regions. p. 78.
- Laptev, S. N. - Some geoclimatic and topographic during the rule of Peter I who participated in the second Kamchatka Expedition. p. 85.
- RIGA. UNIVERSITATE. Uchenye zapiski Latvijasgoso godarstvennogo universiteta [UNIVERSITY. Studies]. Vol. 88, 1967.
- SARANSK. MORDOVSKIY GOSUDARSTVENNIY UNIVERSITET. Uchenye zapiski [MORDOVIAN STATE UNIVERSITY. Studies]. No. 37, 1964. Seriya zootehnicheskaya [Principles of feeding and raising farm animals], no. 1.
- Table of contents translated:
- Pravlov, A. I. - Characteristics of young produced by crossing the Piccadilly and Jersey breeds of cattle. p. 3.
- Fomin, A. A. - Effect of different castration methods on the fattening effectiveness of bull calves. p. 13.
- Konov, E. M. - Some aspects of the year-round silage feeding of cows kept in stalls. p. 32.
- Smirnov, O. K. - Comparative evaluation of Red Estonian and semi-fattened cattle. p. 40.
- Surin, P. I., Volkov, F. N. - Streptococcal mycotic pig and chick rations. p. 53.
- Zayada, N. A. - Effect of the season of the first fattening and pasture keeping of sows on their fertility and size and development of piglets in the suckling period. p. 72.
- Moskikh, N. S., Zayada, N. A. - Productive qualities of Berkshire pigs at the breeding farm "Krasnaya Mordovka". p. 83.
- Kozlova, A. E. - Growth and development of purebred and hybrid piglets. p. 92.
- Konov, A. E. - Effect of some trace elements (iron, copper, cobalt) on the growth of suckling pigs. p. 100.
- Lapshin, S. A. - Effect of the feed protein level on the fetal development of sheep. p. 108.
- Lapshin, S. A. - Utilization by pregnant ewes of foodstuff rations with different levels of protein. p. 120.
- Shapkarin, V. I. - Effect of the type of feeding on the fetal development of sheep. p. 137.
- Shapkarin, V. I. - Growth and development of lambs in the postnatal period. p. 145.
- Frolova, V. G. - Productive qualities of purebred and hybrid breeds. p. 150.
- Korogin, I. A. - Comparative growth analysis of purebred and hybrid chicks. p. 167.
- Sarychev, N. I. - Phosphorus metabolism in the early and different levels of protein in food. p. 174.
- SVENSKA. URALSKI GOSUDARSTVENSKIY UNIVERSITET. Uchenye zapiski [URALS STATE UNIVERSITY. Studies]. No. 50, 1966. Seriya fiziko-matematicheskiye [Physical Sciences], no. 2. Strukturalnyy aspekt problema resheniya kolektivnykh zadach [Structural aspects of the problem of reaction diffusion].
- Table of contents translated:
- Arkharov, V. I., Vangengelm, S. D. - Investigation of the thermoelectromotive force in the case of polycrystalline specimens of different sizes. p. 1.
- Arkharov, V. I., Vangengelm, S. D., Kalitina, Z. E. - Investigation of the thermoelectromotive force originating in polycrystalline specimens of different sizes. Solid solution. p. 6.
- Arkharov, V. I., Bakshilova, N. D. - Diffusion of silver into iron in the presence of metal salts of palladium or copper. p. 11.
- Arkharov, V. I., Serikova, V. P. - Method for determining the energy measurement of gas systems in polycrystals. p. 22.
- Blankova, E. B., Borish, K. M., Kozlov, P. O. - Studying the crystallochemical characteristics of some compounds with intermetallic phases. p. 25.
- Arkharov, V. I., Konev, V. N., Krasnaya, H. A. - Investigating the mechanism of reaction diffusion in binary alloy - gas systems. Part 4: Diffusion of copper-zinc, copper-aluminum, and copper-manganese alloys. p. 30.
- Konev, V. N., and others. - Investigating the mechanism of reaction diffusion in binary alloy - gas systems. Part 5: Solidification of alloys based on copper with the use of the performing method. p. 60.
- Arkharov, V. I., and others. - Investigating the reaction diffusion in binary alloy - gas systems. Part 6: Solidification of alloys based on copper with the use of the performing method. p. 60.
- Arkharov, V. I., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 8: Chromium - carbon - nitrogen system. p. 72.
- Arkharov, V. I., and others. - Studying the reaction diffusion in metal - complex gas systems. Part 9: Chromium - carbon - nitrogen system. p. 72.
- Konev, V. N., Levina, R. A., Noshtalov, A. V. - Studying the reaction diffusion in metal - complex gas systems. Part 10: Oxidation of alloys in a nitrogenous atmosphere. p. 80.
- Konev, V. N., Levina, R. A. - Structure of binary zirconium oxide. p. 82.
- Chelobin, V. N., Konev, V. N., Krasnaya, H. A. - Defect structure of ionic crystals in equilibrium with the complex gas phase. p. 85.
- Konev, V. N., Adzhimukh, I. P., Krasnaya, H. A. - Investigation of the reaction diffusion in metal - complex gas systems. Part 10: Nickel - oxygen - sulfur system. p. 108.
- Blankova, E. B., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 11: Oxidation of nickel in a selenium-containing atmosphere. p. 112.
- Konev, V. N., Anisimova, N. G., Astasova, A. K. - Investigating the reaction diffusion in metal - complex gas systems. Part 12: Manganese - oxygen - selenium system. p. 118.
- Blankova, E. B., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 13: Manganese - oxygen - selenium system. p. 122.
- Blankova, E. B., and others. - Investigating the reaction diffusion in metal - complex gas systems. Part 14: Manganese - sulfur - selenium system. p.

F. P., Katanov, L. M. - Statistics of the effect of plastic deformation in aluminum crystals. p. 174.
 F. P., Volkmanin, A. P. - Rationality of selection of boundary conditions in the statistical investigation of the distribution of plastic strain. p. 179.
 V. P., Zubankov, V. N., Shevchenko, R. I. - Studying the rate of growth of single crystals.
 V. P., Rybalko, F. P. - Effect of the size of the grain on the localization of macroshells of dislocations. p. 183.
 Ch. V. I., and others. - Studying the magnetization of the Co-Pt alloy in strong pulsed fields.

[publ. 1967]. Seriya Astronomicheskaya, Astronomiya] no. 3.

Table of contents translated:
 N. A. - Determining the longitude by the observation of stars near the elongation. p. 1.
 V. A. - Statistical investigation of eclipses. p. 24.
 L. I. - Evolution of close binary systems.
 V. A., Tokareva, R. I. - Studying the structure of galaxy clusters in the Coma Berenices.
 V. N. K. - Some characteristics of the Herbig-Haro object. p. 96.

UKOOL. Tolmetskiy. Uchenye zapiski Tatarskogo gosudarstvennogo universiteta [UNIVERSITY]. Vol. 2, no. 195, 1967.

VIL'NA AKADEMIA NAUK. Presidium, Buletin' [UKRAINIAN FREE ACADEMY OF SCIENCES. Presidium Bulletin]. Winnipeg, 1966; no. 13(17), 1968.

BURIATSKII KOMPLEKSNIY NAUCHNO-OPREDELITEL'NIY INSTITUT. Kratkie soobshcheniya nauchnoy i tekhnicheskoy informatsii [SCIENTIFIC RESEARCH INSTITUTE. Reports]. No. 2, 1969.

Table of contents translated:
 V. M. A. - On the personnel of the Buryat Institute. p. 3.
 D. D. - Development of scientific studies in Buryatia and their ties with the problems of the future. p. 5.
 Ch. TS. - Dispersion of electromagnetic waves in the local inhomogeneities of the troposphere. p. 24.
 I. I. - The vertical structure of tornadoes.

V. S. - Use of radioactive tracers in geological studies for the needs of Buryat industry.

TS. O. - Quaternary formations with the presence of buns in the area of Tugmy Valley.

Chernikov, TS. TS. - Physical properties of sand and ores in Buryatia. p. 42.
 M. V. - Effect of iodine on plants of oats in the field in the infection of seed by potassium. p. 46.
 N. G. - Daurian leaf beetle as a pest of plants in the Buryat A.S.S.R. p. 53.
 N. O., Nestorova, L. P. - Chemical means of controlling the cabbage moth and an ecological evaluation of the time of their use in the Buryat A.S.S.R. p. 56.
 O. I. - The acanthophora in the Baikal region. p. 61.

M. V. - Methods used in the estimation of the losses of photosynthesis for cereals. p. 64.
 Z. I., Dariev, A. D., Skornikova, V. F. - A method of detection of common nitrogenous compounds. p. 60.
 A. A. S., Babuova, TS. M. - Micromethod of detection of mercury in organic compounds.

A. D. - New data on the movement of wind-sands. p. 70.
 M. A. - Machinery for taking samples in the analytical analysis of soil; the pipette method.

Nov, I. A., Izboldin, A. A. - A unit for the study of mud. p. 83.
 Nov, I. A. - Agrarian relations among the people of the Barguzin Administrative Area in the region of the 19th century. p. 86.
 Anko, G. I. - A page from the history of the Buryat, a village of the "Somske" district. p. 94.
 V. T. A. - Word stock of the living language of a differential group; based on the materials of the Buryat language. p. 100.
 V. M. P. - Lexical characteristics of the Altai language. p. 107.

TS. B. - Common semantic characteristics of proverbs and sayings of various peoples.

L. E. - Note on present-day Russian folklore from Siberia. p. 118.
 O. O. - A storyteller from Eravna. p. 125.
 B. D. D., Semichov, B. V. - Tibetan collection of legends. p. 131.

An annual conference on the results of our Institute's work in 1968. p. 135.
 A meeting devoted to the 90th anniversary of V. I. Lenin's birth. p. 137.
 In the Department of Economics and Geography. p. 139.
 Geological studies in Buryatia. p. 140.
 In the Department of Biology. p. 141.
 In the Department of Language and Literature. p. 141.
 In the Department of History and Ethnography. p. 141.
 In the Department of the Foreign Countries of the East. p. 142.
 In the Department of the Arts. p. 143.

b. POPULAR MAGAZINES

AMERICA: Ilustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C., no. 142, Aug. 1968.

ASIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii i Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 12, no. 7, July 1968.

Table of contents translated:
 The economic system is the main arena of struggle.

Zalutskii, M. - U.S.S.R. - Africa: aid without profit. p. 5.
 Rodinskii, V. - Restlessness in the Persian Gulf area. p. 8.
 Ugov, V. - Echo of the Vietnam War in Japan. p. 11.
 16 years of struggle. p. 14.
 Berlingova, N. - West German intelligence services against Africa. p. 16.
 Simonov, V. - Malabar's fishermen. p. 18.
 Frenkel', M. - Role of the chieftains in Sierra Leone. p. 20.
 Kurgantsev, M. - Contemporary African narrative. p. 28.
 Mykhale, Ezekiel. - A suitcase; a story. p. 29.
 Petrakovskaya, A. - Stories about apartheid. p. 32.
 Ngugi, James. - Kimaya's return; a story. p. 33.
 Ekkenel, Cyprian. - A stranger from Lagos; a story. p. 35.
 Viktorov, R. - Africans are masters of short stories. p. 38.
 Polonskii, V. - Geologists came to the jungles. p. 39.
 Khlynov, V. - The voice of "Zikolint". p. 43.
 Wolanowski, L. - In the land of Papua (to be concluded). p. 44.
 Radchovskii, Q. - Japan's socialists today. p. 48.
 Kutzev, IU. - Tsvetlov, O. - In the "empire of diamonds and gold." p. 61.
 Evoma, people, and facts. p. 64.
 Kamal', M. - After 46 years. p. 69.

BARVINKO [PERIWINKLE]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soюза molodezhi Ukrainy and Respublikanskaya Rada Vsesoyuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneer]. Kiev, no. 0, Sep. 1968.

DEIARUS' [WHITE RUSSIA]. Organ of Sotuz plamennikha BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, no. 9(278), Sep. 1968.

DIAROKKA [THE LITTLE UNICORN]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soюза molodezhi Belfarskiy and Respublikanskiy Sovet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Little Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 44, nos. 8-9, Aug.-Sep. 1968.

DADZIS [THISTLE]. Riga, nos. 11-17, 1968. [In Latvian]

KIORTUSHAK [MEDICINE]. Dushanbe, no. 12(56), June 1968. [In Tajik]

KOSTER [CAMPFIRE]. Issued by Tsentral'nyi komitet Vsesoyuznogo Leninskogo kommunisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 9, Sep. 1968.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, no. 23-25, Aug.-Sep. 1968.

KULTURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soluz sovetikh obshchestv družby i kul'turnoi svyazi s znanymy stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 12, no. 9, 1968.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium ja Eesti NSV Ameerika Ühenduse Nõukogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 11, nos. 7-9, July-Sep. 1968. [In Estonian]

IESMA [FLAME]. Issued by Latvijas LKS Centrālā komiteja [Central Committee of the Latvian Communist Youth League of Latvia]. Riga, nos. 7-8(124-125), July-Aug. 1968. [In Latvian]

MÄÄNENIET ZHÄNE TÜRMYKS [CULTURE AND LIFE]. Issued by Ministerstvo kultury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 9(123), Sep. 1968. [In Kazakh]

MURZHIKA. Issued by Tsentral'nyi komitet Vsesoyuznogo Leninskogo kommunisticheskogo soюза molodezhi i Tsentral'nyi sovet Vsesoyuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 9, Sep. 1968.

NOORUS [YOUTH]. Issued by Eesti NSV Kommunistlikel Noorsooühingu Keskkomitee [Central Committee of the Estonian Communist Youth League of Estonia]. Tallinn, vol. 23, nos. 7-9(261-263), July-Sep. 1968. [In Estonian]

NOVAIA KORĖIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh yazykakh [Foreign Language Publishing House]. P'yongyang, nos. 7-8, (244-245), 1968.

OGONEK [THE LITTLE LIGHT]. Moscow, nos. 38-41(250-254), Sep.-Oct. 1968.

PERETS' [PEPPER]. Issued by Vydavnytsya [Publishing House] "Radnaya Ukraina." Kiev, vol. 42, nos. 14, 16, 18(762, 764, 766), July-Sep. 1968.

PIONEER [PIONEER]. Ertvan, no. 6, 1968. [In Armenian]

PIONEER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, nos. 5-6, May-June 1968. [In Turkmen]

PIONEER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoyuznogo Leninskogo kommunisticheskogo soюза molodezhi i Tsentral'nyi sovet Vsesoyuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, no. 0, Sep. 1968.

PIONERIA [PIONEERS]. Issued by Tsentral'nyi komitet Leninskogo kommunisticheskogo soюза molodezhi Ukrainy and Respublikanskaya Rada Vsesoyuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 45, nos. 0-10(530-540), Sep.-Oct. 1968.

POI'SIA [POLAND]. Warsaw, nos. 0(100), 8(108), 1968.

RANOK [MORNING]. Issued by TSK LKSM Ukrayiny [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 16, no. 9(85), Sep. 1968.

RODINA [OUR COUNTRY]. Issued by Komitet za vzorashchenie i razvitiu kul'turnykh svyazoi s sovetstvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol. 10, no. 4, July-Aug. 1968.

RODNYE DALI [DELOVED VISTAS]. Hollywood, Calif., vol. 16, no. 175, Oct. 1968.

SEL'SKAYA MOLODEZH' [RURAL YOUTH]. Issued by TSK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 8, 8-9, June, Aug.-Sep. 1968.

SHMEL' [HUMBLEBEE]. Alma-Ata, vol. 13, no. 8(61), Aug. 1968.

SKYNTIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, no. 9, 1968. [In Moldavian]

ŠLUOTA [THE BROOM]. Issued by Lietuvos Komunistų partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 12, 14-17, June-Sep. 1968. [In Lithuanian]

SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 17, no. 205, Oct. 1968.

SOTSIALISTYCHNA KULTURA [SOCIALIST CULTURE]. Organ of Ministerstvo kultury USSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, no. 9, Sep. 1968.

SOVIETSKI SOIUZ [SOVIET UNION]. Moscow, no. 10(224), 1968.

SOVREMENNAYA MONGOLIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 13, no. 8(127), Aug. 1968.

SVYTYRUS [THE LIGHTHOUSE]. Vilnius, nos. 12-16, 18, June-Sept. 1968. [In Lithuanian]

TURIST [TOURIST]. Issued by VsesPS [All-Union Central Council of Trade Unions]. Moscow, vol. 3, no. 9, 1968.

UKRAINA [THE UKRAINE]. Published by Vydavnistvo "Radarska Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 26, nos. 30, 36-37, 39 (Oct. 1968-1969, 1971), July, Sep. 1968.

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 27, no. 8 (20), Aug. 1968.

VOPROSY I OTVETY [QUESTIONS AND ANSWERS]. Moscow, vol. 19, no. 8 (21), 1968.

VOZHATYI [PIONEER GUIDE]. Published by Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunisticheskogo soюза molodezhi and Tsentral'nyi sovet Vsesoyuznogo pionerskogo organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 45, no. 9, 1968.

VOZYHK [HEDGEHOG]. Minsk, vol. 28, nos. 15-17 (1968-1969), Aug.-Sep. 1968.

VSESVIT. THE WORLD. Issued by Spilka pis'mennikov Ukrainy and Ukrain's'ke tovarystvo druzyby i kul'turno-zv'iazky z zasibzhnyimi krajinami [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 11, no. 9 (123), Sep. 1968.

ZVAIGZNE [THE STAR]. Riga, vol. 18, no. 13 (431), vol. 19, nos. 14 (432), 16-17 (434-435), July-Sep. 1968 [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIA NAUK SSSR. Sektor spetsial'nykh bibliotek. Bibliotечно-библиографическая информация [ACADEMY OF SCIENCES OF THE U. S. S. R. Sector of Special Libraries. Library and Bibliographical Information]. Moscow, no. 2 (60), 1966, nos. 2-4 (64-66), 1967.

BIBLOS. ZHURNAL UKRAINS'KOI BIBLIOGRAFIJI [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 14, no. 3 (22), July-Aug. 1968.

INFORMATIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOYUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U. S. S. R.]. Moscow, vol. 12, nos. 15-17, Aug.-Sep. 1968.

KNYZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 37-38, 1966.
Dopolnitel'nyi vypusk [Supplementary Issue]. No. 2, 1966.

LATVIJAS PSR PRESES KRONIKA. LETOPIS' PECHATI LATVIJSKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S. S. R.]. Issued by latvijas PSR gramatu palata [Book Chamber of the Latvian S. S. R.]. Riga, nos. 3-4, Mar.-Apr. 1968. Vspomogatel'nyi ukazatel' za 1967.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 5-6, 1968.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 31-34, 1968.

LITOPYS GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Published by Knyzhkova palata Ukrain's'koj RSR [Book Chamber of the Ukrainian S. S. R.]. Kharkov, nos. 10-13, May-July, 1968.

LITOPYS ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Knyzhkova palata Ukrain's'koj RSR [Book Chamber of the Ukrainian S. S. R.]. Kharkov, nos. 11-14, June-July, 1968.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biblioteka' novykh inostrannykh knig, poslepyshchik v Biblioteku imeni V. I. Lenina. Seriya 3. Fiziko-matematicheskie i khimicheskie nauki; nauki o zemle; tekhnika i tekhnicheskije nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Physical, Mathematical, and Chemical Sciences; Earth Sciences, Technology and Technological Sciences]. Vol. 13, nos. 20-27, Sep. 1968.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biblioteka' novykh inostrannykh knig, poslepyshchik v Biblioteku imeni V. I. Lenina. Seriya 3. Obshchestvennye nauki, khudozhestvennaja literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]. Vol. 11, nos. 20-27, Sep. 1968.

NAUROS KNYGOS [NEW BOOKS]. Vilnius, nos. 6-6, 8 (105-106, 108), May-July 1968. [In Lithuanian]

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSEDOVATELSKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 4-5, 7, 1968.

NOVAIA LITERATURA PO BOLGARI [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1968.

NOVAIA LITERATURA PO CHERKOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 3-6, 1968.

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1968.

NOVAIA LITERATURA PO YUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 4-7, 1968.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 4-6, 1968.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1968.

NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5-7, 1968.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSEDOVATELSKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1968.

NOVI KNYHY URSS [NEW BOOKS OF THE UKRAINTAN S. S. R.]. Issued by Knyzhkova palata URSS [Book Chamber of the Ukrainian S. S. R.]. Kiev, nos. 10-21, June-July, 1968.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U. S. S. R.]. Issued by Vsesoyuznaya obshchestvennaya knizhnitsa "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 38, 40, Sep. 1968.

NOVYE KNIGI ZA RUBEZHOM. Seriya V: Biologiya, meditsina, sel'skoe khozjastvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 12, nos. 6-9, May, Aug.-Sep. 1968.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM: ekonomika, filosofiya, istoriya, mekhanika, ruzhnoye oshcheshenie [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES: Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 8, Aug. 1968.

RAMATUKROONKA. KNYZHNAIA LETOPIS' [BOOK CHRONICLE]. Tallinn, vol. 4, Oct.-Dec. 1967, vol. 1, Jan.-Mar. 1968.

SVODNYI BIBLIOTETNYI NOVYKH INOSTRANNYKH KNIG. POSTUPIVSHIKI V BIBLIOTETKI SSSR. Seriya A: Estestvennoye nauki, matematika, sel'skoe khozjastvo i tekhnika [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U. S. S. R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, no. 2 (102), 1968.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Opyt i sovmestnyy komitet Sovetskoi Narodnoy SSR i pechat' [State Committee of the Council of Ministers of the U. S. S. R. for Printing]. Moscow, vol. 7, no. 5, 1967.

Table of contents translated:
Shtetlin, S. - Power of the living world. p. 2.
Ivanovskii, N. - A deep furrow. p. 4.
Shtetlin, S. - Beginning of the century. p. 6.
Moshalov, V. - Towards a glorious university. p. 8.
Malyukov (Ker-Mulini), K. - The Babylonian civilization. p. 9.
Glinkin, A. - Continents from a bird's eye view. p. 11.
Kolyakov, A. - Kiril (Glinkin). p. 12.
Shtetlin, S. - In the name of man. p. 13.
Lobov, T. - Orovskii, I. - Serpents of the earth. p. 14.
Looking into the future. p. 16.
Chernikov, A. - The greatest astronomer of the world. p. 18.
Hilko, V. - Everyone can swim. p. 19.
Tazov, V. - Rural dentistry. p. 19.
Kalykov, N. - Aykhal, the blue lake. p. 20.
Shtetlin, S. - Confession? It is not a simple matter. p. 20.
Korobov, I. - Talented writer on horses. p. 22.
Opinions of our readers. p. 23.
Lukoshin, V. - Turbidity of industrial aerobics. p. 24.
So that we may know. p. 24.
Zhuk, L. - Proton, to alert! p. 25.
On the banks of the Volga. p. 26.
Zakharovskii, V. - Viktor I. Khomov's first book. p. 26.
Lapshin, M. - Sergei Nikitin. p. 30.
Vinnikov, M. - Waters and green of harmony. p. 32.
Aleksandrov, N. - Poor heart, where are you hiding? p. 33.
Nazarov, V. - A path from afar. p. 34.
Mar'ina, M. - Songs of the Turkish people. p. 35.
Olimov, R. - Friedrich Marryat, seaman and author. p. 36.
Orlovskii, K. - A novel about a great humanist. p. 37.
Readers' club book. p. 38.
Urolov, M. - Coman Dnylo, Stepanov... p. 39.
Vladimirov, V. - A study of a Balkan folk hero. p. 41.
Moshalov, V. - A new museum on Soviet history. p. 41.
Chelyshov, N. - "A short chronicle." p. 42.
Norman, A. - The fate of Holm's mammoth. p. 43.
Filipovskii, N. - The monumental Plaza. p. 43.
Vinnikov, M. - K. Simon. p. 44.
Anatoliy, K. - The island of Robinson Crusoe. p. 45.
Mushkashvili, N. - p. 45.
Facts, films, now. p. 46.

Vol. 7, no. 6, 1967.

Table of contents translated:
Malyukov, D. - A version of the epoch. p. 2.
Lopov, I. - Multicolor of the continents. p. 3.
Your bookshelf. p. 4.
Klimkin, I., Frolov, A. - Alive among the living. p. 5.
Shtetlin, S. - About deeds and days which shocked the world. p. 6.
Malyukov, D. - Published in 1968. p. 8.
60 heroic years. p. 8.
Lisetskii, S. - In the terror year of 1918. p. 11.
Readers' opinions. p. 12, 18.
Glinkin, A. - Happy difficulties of a genre. p. 13.
Shtetlin, S. - Search and discoveries. p. 14.
Ailabovskii, L. - The planet is for everybody. p. 16.
Markovskii, A. - "Beginnings" of Newton. p. 18.
Kolenikov, G. - The address of the heroic deeds of the Yemsky. p. 19.
Makarov, A. - Farwell, mountainist. p. 20.
Shtetlin, S. - Business accounting and credit. p. 21.
Shtetlin, A. - In a metallurgical. p. 22.
Chernikov, G. - The farmer's almanac. p. 22.
Authors are heroes of socialist labor. p. 24.
Klimov, I. - Topics of life. p. 27.
Leonid Borisov. p. 27.

Table of contents translated:

- Fedorov, E. - We should spare no efforts trying to carry out our five-year plan. p. 1.
 Krasovskaya, P. I. - Paths to the readers' hearts. p. 5.
 Chapyghina, I. - Try to prevent a simplified attitude toward literary works. p. 7.
 Losova, Z. - Contribution of the Komsomol. p. 10.
 Vinokurova, N. - Bibliography is our helper. p. 12.
 Ovsinnikovskaya, N. - Alongside of the departments of our school. p. 13.
 Nechaev, V. - A hero of the "Educational poem" has come to see us. p. 14.
 Eidel'zon, S. - The "Horizons" Club. p. 15.
 Degtyarova, V., Kopylova, M. - Educational work with college students. p. 16.
 Kislova, O. - Our pride and glory. p. 17.
 Tkachov, G. - Give special attention to women! p. 23.
 Bayrov, N. - Now there are fewer religious people. p. 26.
 Vaks, I. - The "school of life" of our great author. p. 28.
 Bachaldin, B. - Agricultural specialists and libraries. p. 32.
 Glogoleva, N., Lysitskaya, R. - When there is open access to book collections. p. 38.
 Kvilko, E. - The same expenses can produce a greater effect. p. 40.
 Vlasinskiy, V. - With each collective farmer. p. 42.
 Abramova, N. - Operators of agricultural machinery discuss the books. p. 44.
 Pjanenko, L. - Let us acquaint rural efficiency consultants with local literature. p. 45.
 Vlasovskaya, L. - There should be indexes of recommended literature. p. 48.
 Stolyts, M., Mologozova, A. - Give more attention to acquisition of books. p. 50.
 Mikhailova, T. - It's time to consider the problem of registration cards. p. 51.
 Murzov, A. - Five-day workweek means we have to improve our work. p. 53.
 Zhabanova, E. - Uniform readers' cards in practice. p. 54.
 Posnikov, B. - Library exhibits need an expressive design. p. 56.
 Takaev, R. - There are many unsolved problems. p. 58.
 Voloskova, T., Umanets, S., Shastor, Z. - Loss, but better. p. 59.
 Ridol', P. - The problem is raised in time. p. 60.
 Letters to the editor. p. 61.
 Local news. p. 62.

b. LIBRARIES & LIBRARY SCIENCE

- BEKAR [THE LIBRARIAN]. Organ of Ministry of Culture of the RSFSR (Ministry of Culture of the U.S.S.R.). Moscow, no. 11, Nov. 1967.
 Table of contents translated:
 Development of Soviet libraries. p. 1.
 Fedorov, D. - Along the route of a pagan ship. p. 6.
 Zhabanova, Z. - Contemporary of the revolution. p. 13.
 Vlasov, V. - The oldest library of a city. p. 14.
 Mooking, V. - Mooking in Voevodsk. p. 15.
 Lian, O. - Public libraries under socialism. p. 18.
 Shkhan, E. - Readers of an industrial plant. p. 24.
 N. - Concern for children. p. 26.
 Zhabanova, S. - Library service for Tajik children. p. 28.
 Lianov, I. - Possession of all the Soviet peoples. p. 31.
 G. - In a Kazakh village. p. 35.
 B. - International contacts of Soviet libraries. p. 38.
 Z. - Problem of catalogs in Soviet library science. p. 44.
 U. - Our ample collections of books. p. 48.
 B. - Bibliography of recommended books. p. 51.
 B. - Prognosis of the October Revolution. p. 52.
 K. - First decrees and decisions on library work. p. 57.
 B. - An all-Union review of the libraries of the U.S.S.R. p. 61.
 N. - Great changes in the life of our people. p. 62.

1967.

- Table of contents translated:
 Libraries and party education. p. 1.
 Zhabanova, V. - Choose the book yourself! p. 6.
 Zhabanova, V. - "Lessons on Lenin" evening gatherings. p. 10.
 Zhabanova, L. - Lectures on the October Revolution. p. 13.
 A. - Our readers make the summaries of books. p. 14.
 S. - Novosibirsk. p. 16.
 F. - They help in the application of inventions. p. 18.
 T. - A library shows concern for the work of neighboring state farm. p. 11.
 Z. - We work in accordance with the uniform plan. p. 13.
 T. - Specialists lend their assistance. p. 14.
 N. - Conference of readers. p. 16.
 V. - Individual approach to readers. p. 17.
 V. - We are using the questionnaires. p. 19.
 G. - Card files. p. 20.
 S. - Reading poetry is a form of art. p. 22.
 V. - Sounds of music in a library. p. 24.
 V. - Approach religious people with a book. p. 26.
 V. - Systematic and purposeful work. p. 28.
 V. - We have opened a lecture hall. p. 29.
 V. - We remember the heroic deeds of the Red Army. p. 30.
 V. - Helpful materials. p. 33.
 A. - Let us continue this discussion. p. 35.
 I. - With scientific and instructional books. p. 36.
 F. - Visiting our friends. p. 39.
 Lukashina, N. - Quantity or quality. p. 42.
 Shkhan, M. - The article forced me to ponder this problem. p. 44.
 A. - We should take into account the requirements of readers. p. 45.
 D. - They draw a conclusion. p. 46.
 K. - Responding to extensive requirements. p. 48.
 E. - Danilovs, L. - Work of a topical committee. p. 51.
 A. - Statistics of a province, territory, republic (Union Autonomous) children's library. p. 53.
 V. I. - New departments of the Library of the U.S.S.R. named after V.I. Lenin. p. 55.
 S. - To the editor. p. 58.

No. 2, Feb. 1968.

Table of contents translated:

- Gavrilov, N. - What the results of this review show us. p. 1.
 Surin, P. - Important means for the education of servicemen. p. 5.
 Efremovskiy, I. - Bibliography in the service of the Armed Forces. p. 10.
 Timofeev, A. - From roundelances. p. 16.
 Zhabanova, Z. - 2 Commune Plaza in Moscow. p. 16.
 Elagin, N. - Preparing for the holiday. p. 18.
 Kanustskaya, G. - In the library of a regiment. p. 20.
 Krendel', R. - The sound of M. Gorki's words. p. 22.
 Vasil'eva, A. - We are studying the requirements of specialists. p. 23.
 Mikhalkina, A. - Let's bring the books to fisherman. p. 30.
 Stepanova, E. - We recommend the literature on our city. p. 32.
 Komarov, B. - Museum exhibits supplement the books. p. 34.
 Gorbunova, T., Al'porina, E. - By common effort. p. 34.
 Linotskaya, R. - We try to develop love for books. p. 36.
 Spiridonova, A., Khuzo, O. - For more precise planning. p. 38.
 Lolokidze, J. - There are no guarantees. p. 42.
 Zheltikova, R. - We try to attract new readers. p. 43.
 Ashukina, E. - The German Democratic Republic and the U.S.S.R. p. 45.
 Nazmuldinov, I., Shal'nev, S. - In a united family. p. 47.
 Get'man, N. - Summing up. p. 50.
 Lukashina, A. - A businesslike approach, initiative, and a smile. p. 53.
 Stoli, N. - Established authority. p. 55.
 Tarasova, N. - The work of her entire life. p. 55.
 Levitin, N. - Let us always try to raise our qualifications. p. 59.
 Kostalants, O. - We learn much from practice. p. 62.

No. 3, Mar. 1968.

Table of contents translated:

- All-Russian Conference of Workers in Culture. p. 1.
 To the workers in culture of the Russian Federation. p. 2.
 All-Union Conference of Young Readers. p. 6.
 Krendel', R. - Our contemporary. p. 7.
 Medvedeva, N. - Gorki on children's reading. p. 12.

- Zhabanova, S. - Living up to her high calling. p. 19.
 Serbriakov, V. - A person whom everybody wants. p. 22.
 Oshkev, L. - Give the workers engineering and technological books they need. p. 25.
 L. Molekova, A. - Meadows and pastures. p. 10.
 Suleimanova, O. - In the library of a workshop. p. 33.
 Lazheva, M. - We promote Russian books and literature on local history. p. 45.
 Ganteva, G. - We teach our readers to love our country. p. 37.
 Samarin, K. - An evening of poetry. p. 38.
 Stepanovskiy, B. - Part of the educational process. p. 39.
 Tseliak, S. - What should a school library be? p. 42.
 Ilvina, Z., Syrkina, E. - Planning a library network in cities. p. 41.
 Dolgikh, V. - Effectively and conveniently. p. 50.
 Saitkov, M. - For a more thorough evaluation of our work. p. 52.
 Volevskaya, B. - An educational institution. p. 56.
 Alenkina, I., Fedorova, T. - We try to raise our qualifications. p. 58.
 Shamykhova, E. - An effective form of study. p. 60.
 New literature on library science and bibliography. p. 62.

No. 5, May 1968.

- Table of contents translated:
 Karl Marx and our time. p. 1.
 Levin, L. - Immortal heritage. p. 5.
 Korshunov, O. - A life devoted to struggle. p. 9.
 Elagin, N. - Children's letters as a means of education. p. 12.
 Kishchenko, M. - Let us familiarize the people with documentary literature. p. 15.
 Golina, I. - The heroes of a book have visited the readers. p. 18.
 Ostrova, I. - Public libraries and technical information. p. 20.
 Kuchukov, L. - For those who are at sea. p. 21.
 Fedorov, D. - Services to readers when they work in the field. p. 26.
 Likhacheva, V. - We rely upon specialization. p. 28.
 Likhacheva, N. - Rural libraries do not receive some literature. p. 30.
 Gavrilov, T. - For the inheritors of our great glory. p. 32.
 Krasnovskiy, N. - She has received a high award. p. 35.
 Titov, I. - Principal problems are the center of attention. p. 36.
 Moshkin, N. - Library success. p. 41.
 Likhacheva, I. - Information and reference apparatus in the service of readers. p. 43.
 Isakov, I., Isakov, A. - An interesting conference. p. 46.
 Melnikova, L. - What is "the interest of readers?" p. 46.
 Solov'ev, I. - Let us master theory and methods. p. 48.
 P. - More good and different versions! p. 51.
 Ivanushkina, R. - Future province collections of books for exchange. p. 53.
 Evaluating the results of work and planning its future development. p. 55.
 Letters to the editor. p. 57.
 Local news. p. 60.
 New literature in the field of library science and bibliography. p. 61.

No. 7, July 1968.

- Table of contents translated:
 Let us popularize literature on civil air defense! p. 1.
 Sal'kova, A. - Five orders awarded to the Komsomol. p. 5.
 Pilotskii, V. - Libraries and the workers of an industrial plant. p. 12.
 Shabanov, V. - A book about a soldier. p. 17.
 Sad'kov, A. - Bibliography for specialists in agriculture. p. 20.
 Radov, A. - Knowing the interests of fisherman. p. 23.
 Delotskaya, I. - Regular reading is a form of work as well as creative activity. p. 26.
 Moskvina, N. - We persistently study our readers. p. 32.
 Zhareva, V. - We are trying to improve the organization of interlibrary loans. p. 34.
 Kurikayna, N. - Inadequate coordination of interlibrary loans. p. 39.
 Jomyllov, M. - We use perforated cards. p. 37.
 Shakhmatov, A. - The loan of books from all collections. p. 41.
 Sak, Z., Lazheva, E. - Development of a system of methodological guidance. p. 42.
 Aldunov, G. - They learn from the example of the best. p. 44.
 Jakovlev, V. - A librarian's close contacts with her readers. p. 46.
 Kurnoseva, P. - She is always a welcome visitor. p. 48.
 Aleksieva, N. - Everybody is a library reader here. p. 50.
 Baitov, I. - Our modest contribution. p. 51.
 Sashin, B. - A voluntary worker at the circulation desk. p. 52.
 Voronova, T. - These formulations should be defined more exactly. p. 53.

Bigaev, I. U. - We should take into account how well the acquisition of books is organized. p. 55.
Model statutes of the central library in a city. p. 58.
The 8th Congress of Polish librarians. p. 60.
Now literature on library science and bibliography. p. 62.

No. 9, Sep. 1968.

Table of contents translated:

Fenelonov, E. - Let's give special attention to young people. p. 1.
Pylev, S. - The Komsomol and libraries. p. 5.
Sviridova, I. - I love you, my country. p. 10.
Alsharova, V. - Let's tell our youth about the Komsomol. p. 14.
Golota, I. - A visit of the veterans. p. 18.
Maltin, G. - We should give help to civil defense instructors. p. 20.
Solomakhina, S. - So that our skies may be clear. p. 22.
Fedorov, D. - You should recommend this book to agriculturists. p. 24.
Akhtyrskaya, N. - Using all the possible ways of information. p. 26.
Kreidenko, V. - Relying upon the authority of some readers. p. 28.
Levina, N. - Evening gatherings devoted to poetry. p. 31.
Rumyantseva, N. - The hero of a book is a heroic worker in real life. p. 31.
Tikhonina, I. - An order-bearing island. p. 32.
Bazilevskaya, N. - A contest for the best reader. p. 33.
Fain, A. - We try to develop an enthusiastic attitude toward work. p. 36.
Aleksandrova, A. - We have improved our service to schoolchildren. p. 40.
Tkachov, G. - We give more attention to the retaining of our personnel. p. 42.
Rabin, A. - An Institute's newspaper and library. p. 45.
Litvinova, A. - Friendly cooperation with the students. p. 47.
Lukashina, M. - Our helper. p. 48.
Stoliarov, I. U. - The "molecul" of book collections in the public library. p. 50.
Noluzhina, E. - Average indicators of reading. p. 55.
Letters to the editor. p. 58.
Now literature in the field of library science bibliography. p. 61.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIYA ZA RUBEZHOM
[LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD].
Issued by Gosudarstvennaya biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U.S.S.R.].
Moscow, no. 23, 1967.

Table of contents translated:
Tlulna, M. I. - National libraries. Part 3: Socialist library service and the typological characteristics of national libraries. p. 3.
Mantelstova, M. - Reference and information services in the National Library in Warsaw and its cooperation with other Polish libraries. p. 20.
Mikhailov, K. N. - Public libraries in the Mongolian People's Republic. p. 27.
Vilenskaya, S. K. - Studying the use of subject catalogs in American libraries. p. 38.
Efimova, A. N., Kondakov, I. P., Matveeva, O. V. - The 32nd session of the International Federation of Library Associations. p. 69.
Problems of local bibliography in the Polish People's Republic. p. 86.

INFORMACIJA O BIBLIOTEKONOM DELU I BIBLIOTRAFICI ZA RUBEZHOM
[INFORMATION ABOUT LIBRARY WORK AND BIBLIOGRAPHY ABROAD; Materials]. Moscow, nos. 4-6 (21-23), 1967, nos. 1-2 (24-25), 1968.

KAUNAS, LIETUVOS TSR VALSTYBINĖ RESPUBLIKINĖ BIBLIOTEKA
Bibliotekos darbas [STATE REPUBLIC LIBRARY OF THE LITHUANIAN S.S.R. Library Work]. Nos. 11-12 (106-107), Nov.-Dec. 1967, nos. 1-5 (108-112), Jan.-May 1968. [In Lithuanian]

c. PRINTING & THE BOOK TRADE

POLOGRAFIJA [PRINTING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatii [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, no. 8, Aug. 1968.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Sotsepchatni Ministerstva svyazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 8, Aug. 1968.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAYA INOSTRANNAIA LITERATURA PO FILOSOFII
[NEW FOREIGN LITERATURE ON PHILOSOPHY].
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, 8, 1968.

NOVAYA SOVETSKAIA LITERATURA PO FILOSOFII
[NEW SOVIET LITERATURE ON PHILOSOPHY].
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-6, 1968.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY].
Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 22, no. 3, 1968.

Table of contents translated:

Krylov, A. I. - October Revolution and the strategy of peace. p. 3.
Blum, R. N. and others. - Development of philosophical thought in Estonia during the Soviet regime. p. 14.
Kovalchuk, A. S. - Nature of public consumption trends under socialism. p. 26.
Lapinova, A. A. - A system of education and the systematization of sciences. p. 36.
Slavin, A. V. - Iconic model as a form of thinking in scientific studies. p. 51.
Kantenskii, Z. A. - History of the philosophy of a particular nation. p. 63.
Strel'tsova, I. A. - Evolution of Jean Paul Sartre's philosophical views. p. 74.
Astashev, B. I. - "Physiological Interests" and geriatrics. p. 83.
Zolotarev, D. - Contemporary musical culture in the aesthetics of T. A. Dostoevsky. p. 97.
Selenev, K. I. - Establishment and development of the theory of scientific communism by K. Marx and F. Engels. p. 109.
Ilychev, M. I., V. S. Gerasimov. - Conference in the history of philosophy in the Ukraine. p. 132.
Abramova, N. T. - Theoretical biology and cybernetics. p. 134.
Alekseev, N. G. - Problems of scientific and technical creation. p. 137.
Aslanov, G. A., Solov'ev, E. I. U. - A meeting with the scholars and scientists of Tadzhikistan. p. 141.
Goshchinskii, E. I., Sakharova, T. A. - October Revolution and our time: foreign periodicals on the 50th anniversary of the Great October Revolution. p. 161.
Kasatkina, A. M. - An ideological trend in present-day Africa. p. 171.
Philosophical studies published in foreign periodicals. p. 160.

Vol. 22, no. 4, 1968.

Table of contents translated:

Kharichev, A. G., Iakovlev, H. D. - Development of Marxist-Leninist studies during the building of socialism in the U.S.S.R. p. 3.
Ivazov, R. A. - V. I. Lenin on the development of the economic characteristics of capitalism. p. 13.
Stojkovic, A. - Lenin and humanity. p. 24.
Ukrainets, B. S. - Processes of self-regulation and causation. p. 38.
Basin, I. A. - The nature of image. p. 47.
Necker, L. M. - Organizational levels of psychical processes as signals. p. 50.
Sachkov, I. U. V. - Evolution of thinking style in natural sciences. p. 78.
Immer, I. U. B., Ovchinnikov, N. F. - Concepts of space and time, energy and impulse in the structure of physical theory. p. 82.
Kholodskaya, T. V. - Characteristics of ethical evaluation. p. 83.
Solov'ev, V. V. - Party spirit and historicism in the history of philosophy. p. 104.
Chaitov, V. K. - Problems of the history of philosophy in the period of socialism. p. 116.
Novikov, N. V. - Man and consumer-type ideology. p. 125.
Lifshits, M. I. - Hegel's aesthetics. p. 137.
Averina, N. M., Kontarev, G. A., Khalkin, A. I. - Ethics and our time. p. 148.
Potemkin, A. V., Iakovlev, V. P. - Thirty years later. p. 150.
Kolomoitsev, V. F. - Political philosophy of present-day France. p. 172.
Gurgenidze, G. S. - A letter to the editor. p. 176.
New philosophical literature. p. 170.

Vol. 22, no. 6, 1968.

Table of contents translated:

Rumyantsev, A. M., Ostrov, G. V. - Marxist sociology and concrete social studies. p. 3.
Mamardashvili, M. K. - Analysis of consciousness in Marx's works. p. 14.
Friedlander, G. M. - K. Marx and the problem of artistic value. p. 20.
Mikolinskii, S. R. - Place of the theory of science in the system of sciences. p. 33.
Kolarikskii, Tadeusz. - Problems of studying the creative methods of scientific work. p. 43.
Levshin, I. A. - The nature of phenomena in the field of education. p. 63.
Ursul, A. D. - The methods of information theory in

gnostology and logic. p. 67.
Lomarov, H. P., Safonov, H. P. - Is there a "principle of limitations?" p. 79.

Colola, A. J. - Early history of the idea of correlation in biology. p. 88.
Pavlov, Howard L. - Philosophy of life of the Americans and the "New Left." p. 90.
Byklovskii, B. E. - Descartes' anthropogenetics. p. 111.
Khichashvili, Sh. V. - Correlation between the subject matter of philosophy and its history. p. 121.
Khrushchev, G. F. - Problem of the human. p. 137.
Akrakli, E. M. - Some quantitative parameters of the periodical "Voprosy filosofii." p. 145.
Arkhangel'skii, A. I., Kuznetsov, I. U. V. - May day and present-day bourgeois ideology. p. 155.
Sofonov, H. P. - A discussion of shortcoming in France. p. 172.
An information note for the comrades who attend the schools of party education. p. 182.

Vol. 22, no. 7, 1968.

Table of contents translated:

Editorial: The role of philosophy in the present-day ideological struggle. p. 3.
Moleshchikov, I. U. S. - The nature and characteristics of the scientific and technological revolution. p. 11.
Problems of the present-day scientific and technological revolution. p. 25.
Mamut, L. S. - K. Marx on the state as the political organization of society. p. 29.
Il'chenko, E. V. - Dialectics or idealism? p. 40.
Leonov, A. N. - Culture, behavior, and the human brain. p. 50.
Ruzavin, G. I. - The role of hypothetical deduction in the establishment of physical theory. p. 57.
Arkhangol'skii, L. M. - Individual consciousness and moral values. p. 67.
Filipov, L. I. - Existential psychoanalysis of J. P. Sartre: intention and results. p. 77.
Krut', I. V. - Problem of establishing a system of historical knowledge. p. 89.
Zharov, A. M. - Empirical and theoretical substantiation of the multidimensional nature of time. p. 101.
Golt, V. S., Poroturin, A. F. - Quasi-particles in physics and the unity of discontinuous and continuity. p. 110.
Alekseev, A. D. - More about the active nature of man. p. 121.
Kryukov, I. A. - A crisis in present-day theology. p. 150.
Sheslavskii, V. P. - Present-day American dialectics. p. 168.
Ostrov, E. V., Pustarnikov, V. F. - A study of Russian Slavophilism. p. 167.
Kozlovskii, I. U. D. - Dialectics and contemporary existentialism. p. 172.
Now philosophical literature. p. 176.

Vol. 22, no. 8, 1968.

Table of contents translated:

Iovchuk, M. T. - Marxist-Leninist philosophy and the present-day study of Marx's ideas. p. 3.
Akhizor, A. S. - Scientific and technological revolution and the guidance of social development. p. 13.
Klaus, Georg. - Philosophical aspects of the theory of games. p. 24.
Smolin, G. L. - Guiding principles of the examination of conflicts. p. 35.
Mikroshin, I. M. - Man in the Baptist congregation. p. 42.
Ivin, A. A. - Logic of evaluation. p. 53.
Nikitin, E. P. - Interference and investigation. p. 64.
Platinskii, B. N. - Development of probabilistic and statistical concepts. p. 70.
Chondov, B. S. - Nature of the probabilistic regularities of quantum mechanics. p. 67.
Vol'ison, I. F. - Gunnar Myrdal's methodology of social studies. p. 87.
Mastin, A. N. - D. I. Pisarev's struggle for materialism and social progress. p. 107.
Mukharov, Dzhamal. - Characteristics of the social utopias of the Near East. p. 115.
Dubrovskii, D. I. - Brain and psychics. p. 126.
Stakhanov, I. P. - A logical analysis of the term "abstract object" in modern physics. p. 135.
Golovko, N. A., Markov, V. S. - For a scientific and concrete approach to the study of ethical problems. p. 148.
Baranov, A. V., Lysov, A. P. - A seminar on social psychology in Leningrad. p. 155.
Tselishchev, D. P. - Philosophical problems in physics. p. 158.
Gureniko, M. M. - Current problems of ethics discussed in a book by a Polish scholar. p. 171.
Kesseld, F. J. - New studies on Heraclitus and Democritus. p. 175.
Snezhova, T. I. - Concrete study and real facts. p. 177.
Kurbanov, R. O., Perminov, V. I. A. - Gnostological problems in the mathematization of science. p. 181.
Philosophical articles published in foreign periodicals. p. 184.

b. RELIGION

LIKHAM. ON GOD'S HIGHWAY. Issued by the House. London, vol. 14, no. 8(99), Nov. - vol. 18, nos. 1-3(106-108), Jan. - June 1968.

SYTELA. REDEEMER'S VOICE. Issued by Redemptorily [Redemptorist Fathers]. Canada, vol. 40, nos. 9-10, Sep. - Oct. 1968.

ELIGIA [SCIENCE AND RELIGION]. Issued by Izvestia obshchestvo "Znanie" [Knowledge Society]. Moscow, vol. 10, no. 9, Sep. 1968.

VETSKAIA I INOSTRANNAIA LITERATURA OSAM ATEIZMA I RELIGII [NEW SOVIET FOREIGN LITERATURE ON THE PROBLEMS OF ATHEISM AND RELIGION]. Issued by Fundam. biblioteka obshchestvennykh nauk Akademii [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, 7, 1968.

THE LIGHT. Issued by O.O. Vasylyany [The Fathers]. Toronto, vol. 31, no. 10(550),

PIAVOSLAVNI SLOVO. UKRAINIAN WORD. Organ of the Ukrainian Orthodox Church of the United States of America, Smith County, J., vol. 10, no. 10, Oct. 1968.

4. HISTORY

a. GENERAL

STRANNAIA LITERATURA PO ISTORII, LOGO I ETNOGRAFI [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundam. biblioteka obshchestvennykh nauk Akademii [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 5-7, 1968.

LITERATURA PO ODSICHIM PROBLEMAM MISKIKI SOTSIALISTICHESKII STRAN [LITERATURE ON THE GENERAL PROBLEMS OF EUROPEAN SOCIALIST COUNTRIES]. Issued by Fundam. biblioteka obshchestvennykh nauk Akademii [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1968.

VETSKAIA LITERATURA PO ISTORII, LOGO I ETNOGRAFI [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundam. biblioteka obshchestvennykh nauk Akademii [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-6, 1968.

ANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo Prosveshcheniia RSFSR [Ministry of Education of the U.S.S.R.]. Moscow, no. 6, Sep. - Oct. 1968.

SLAVIANOVEDENIE [SOVIET SLAVIC STUDIES]. Issued by Institut slavianovedeniia Akademii SSSR [Institute of Slavic Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, 1968.

Table of contents translated:
H. L. A. - Defeat of the bourgeois opposition and the victory of the people's revolution in Yugoslavia, June 1945-January 1946.

V. V. - Rosa Luxemburg's struggle against imperialism and the threat of war in the early 20th century. p. 18.

V. A. - New materials relating to Ptolemy. p. 30.

V. G. - History of the words of the contrary literary Bulgarian language. p. 40.

T. S. - Three months in Prague; A. N. Pyshin's work. p. 40.

F. - A. I. Odoevskii and Adolf Januszkiowicz.

T. P. - History of the preparation of the "A day of the world." p. 63.

G. - Leonid Leonov in Yugoslavia.

K. L. - Some biographical data about K. P. Kov. p. 70.

V. D. - Bulgarian national awakening in the writings of N. T. Kalita. p. 76.

I. I. - Ivan the Terrible's wine cup in a monastery. p. 80.

The present-day situation, history, culture, languages of the Slavic peoples in foreign literature published in 1967 in the Soviet Union.

The most important articles and materials on the present-day situation in history, culture, and language of the Slavic peoples in foreign countries published in 1967 in Soviet periodicals (continuation). p. 108.

Slavic studies published in foreign periodicals. p. 109.

K. L. - Tenth session of the Symposium on the Agrarian History of Eastern Europe. p. 112.

Iegunov, E. L. - Defense of a dissertation. p. 113.

Grekov, I. B. - An anniversary session of the Polish Academy of Sciences. p. 113.

V. K. - An international conference on the Serbian "Omladina." p. 114.

Mozhaeva, L. - Lectures for Slavists in Warsaw. p. 116.

Moklenko, V. M. - A summer seminar in Prague. p. 117.

Karkina, L. V. - Churkina, I. V. - A seminar for the study of the Slovenian language, literature, and culture. p. 118.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istorii Akademii nauk SSSR and Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Department of History of the Academy of Sciences of the U.S.S.R. and the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, no. 4, Apr. 1968.

Table of contents translated:

Kukin, D. M. - V. I. Lenin, the great continuer of Kark Marx's cause. p. 3.

Vygotskii, V. S. - Corroboration of the materialistic concept of history by K. Marx. p. 15.

Kunina, V. E. - History of K. Marx's struggle against reformism. p. 32.

Verobova, A. K. - K. Marx and F. Engels on the revolutionary movement in Russia and Russian revolutionaries. p. 44.

Solov'ova, K. V. - K. Marx and the Russian Section of the First International. p. 60.

Belov, G. A. - Problems of the acquisition of materials by the archival agencies of the U.S.S.R. p. 74.

Gurovich, A. A. - Problem of landownership in the prefeudal and early feudal societies of Western Europe. p. 88.

Agumovskii, I. I. - Read the first time; organization of the Archives of K. Marx in the U.S.S.R. and the establishment of texts, translation, and publication of his manuscripts. p. 108.

Seleznev, K. L. - K. Marx in poetry; a historian's notes (to be concluded). p. 126.

David, G. - Status of contemporary Great Russia or Moscow (conclusion). p. 138.

Lovtsova, S. Z. - New studies on the history of Marxism. p. 148.

New books. p. 174.

Historical articles in Soviet periodicals. p. 176.

Brief notes. p. 180.

Sinkovskii, N. V. - English studies on the history of feudal Russia. p. 183.

Historical articles in periodicals published in socialist countries. p. 186.

Iag'ina, V. S. - Articles on the history of Ethiopia published in the "Journal of Ethiopian studies." p. 197.

Foreign reviews of Soviet historical studies. p. 201.

Korotkiuk, V. D. - In memory of Zdenek Nejedlik, 1878-1962. p. 203.

Brief notes. p. 209.

Orlovskii, A. I. - First comments on the first Russian edition of "Das Kapital." p. 211.

Buchina, I. I. - More about the Ulianov family. p. 215.

Etemov, I. - Young Marx as editor. p. 217.

No. 5, May 1968.

Table of contents translated:

Oamreiskii, I. U. M., Rubach, M. A., Suprunenko, N. I. - Establishment of the Ukrainian Soviet Socialist Republic. p. 3.

Shmidt, S. O. - Studying the agrarian history of 18th century Russia. p. 17.

Krasnitskii, A. N. - Distortion of the Soviet struggle against colonialism by bourgeois ideologists. p. 32.

Chelozovov, A. N. - Some aspects of the problem of the origin of absolutism. p. 46.

Kissel', M. A. - "Critical philosophy of history" in Great Britain. p. 63.

Zatolchko, V. M., Sabirov, K. - Common character of psychical traits as an essential characteristic of a nation. p. 75.

Pavlenko, M. I. - History of the zemle slobody of the 18th century. p. 82.

Garushtants, I. U. M. - New source for the history of the Chinese Revolution. p. 189.

Cherepanov, A. I. - Reminiscences of a military adviser on the northern march of the Chinese National Liberation Army (to be concluded). p. 109.

Soleznev, K. L. - Karl Marx in poetry; an historian's notes (conclusion). p. 119.

Chumachenko, V. G. - Pages from G. V. Plekhanov's life and work (to be continued). p. 131.

Annual general meeting of the Academy of Sciences of the U.S.S.R. p. 146.

Most important achievements in the field of historical

science in 1967. p. 147.

Okladnikov, A. P. - Siberian archaeology of yesterday, today, and tomorrow. p. 158.

New books. p. 183.

Books which the "Nauka" Publishing House has published in 1968. p. 185.

Historical articles in Soviet periodicals. p. 187.

Brief notes. p. 190.

Historical articles in periodicals published in socialist countries. p. 195.

Blank, A. S. - West German social democratic periodical on neo-Nazism in the German Federal Republic. p. 198.

Foreign reviews of Soviet historical studies. p. 202.

Bakh, I. A. - Evaluation of K. Marx as a leader of the international proletariat. p. 204.

Polenav, O. A. - Girls enlisted in the military school in the Kremlin. p. 209.

Dnydov, I. G. - Aleksandr N. Ulianov and the attempt upon the emperor's life on March 1, 1887. p. 212.

Formozov, A. A. - History of the Museum of Curiousities. p. 214.

Koshelenko, G. A. - Fate of Parthenon sculptures. p. 218.

No. 6, June 1968.

Table of contents translated:

Ritun, V. P. - Development of institutions of higher education during the Soviet regime. p. 3.

Shatman, E. M. - Problem of structural analysis in history. p. 20.

Ivanov, I. M. - Autocracy and the laboring classes; some problems in the policy of the tsarist government. p. 38.

Milov, L. V. - So-called "agricultural cities" in 18th century Russia. p. 54.

Zingulov, I. I. - U.S. aggression in Vietnam and Great Britain. p. 65.

Udal'tsova, Z. V. - Development of Soviet Byzantine studies. p. 70.

Sirokova, N. K. - Discussion of the theory of nationality; a review of published materials. p. 85.

Choropanov, A. I. - Reminiscences of a military adviser to the National Revolutionary Army of China on its northern campaign (conclusion). p. 116.

Chumachenko, V. G. - From G. V. Plekhanov's life and work (to be concluded). p. 130.

Lebedev, N. I. - The "Iron Guards," Karol II, and Hitler (to be continued). p. 147.

Annual general meeting of the Department of History of the Academy of Sciences of the U.S.S.R. p. 160.

Sukharov, A. N. - Studying the history of the Russian Church. p. 167.

New books. p. 184.

Historical articles published in Soviet periodicals. p. 180.

Simonian, M. N. - The "Znanie" All-Union Society and the dissemination of historical knowledge; on the Fifth All-Union Congress of the "Znanie" Society. p. 101.

Brief notes. p. 106.

Historical studies in periodicals published in socialist countries. p. 208.

Foreign reviews of Soviet historical studies. p. 208.

Prokhorov, V. A. - Nikifor Chorok, an associate of Razin. p. 211.

Belfandukov, N. N. - From the Moscow past. p. 214.

b. ARCHAEOLOGY & ANTIQUITIES

NUMIZMATIKA I EPIGRAFIKA [NUMISMATICS AND EPIGRAPHY]. Issued by Institut arkhologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, 1968.

5. SOCIAL SCIENCES

a. COMMERCE

BIULLETEN' INOSTRANNOI KOMMERCHESKOI INFORMATSII [BULLETIN OF FOREIGN COMMERCIAL INFORMATION; Supplement]. Issued by Nauchno-issledovatel'skii kon'funktivnyi institut [Scientific Research Institute of Economic Trends]. Moscow, no. 4, 1968.

Contents: Second session of the United Nations Conference on Trade and Development; Statements of delegation heads of socialist countries in a general discussion [Vtoraya sessiia konferentsii OON po trgovoi i razvitiu. Vystupleniia glav delegatsii sotsialisticheskikh stran v obshchot diskussii]. 62 p.

No. 5, 1968.

Contents: [The second session of the United Nations Conference on Trade and Development; Statements of delegation heads of socialist countries in a general discussion] Vtoraya sessiia konferentsii OON po trgovoi i razvitiu. Vystupleniia glav delegatsii sotsialisticheskikh stran v obshchot diskussii. 227 p.

KOOPFRATOR KAZAKHISTANA [THE COOPERATIVE WORKER OF KAZAKHISTAN]. Issued by Sotuz p.dre-fel'skikh inzhenerov Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol. II, no. 8, Aug. 1968.

TORGOVIA ZA RUBEZHOM [TRADE ABROAD]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po torgovle [State Committee of the Council of Ministers of the U.S.S.R. for Trade]. Moscow, no. 9, 1968.

VNESHNIAIA TORGOVIA [FOREIGN TRADE]. Organ of Ministerstva vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 16, no. 7, 1968.

Table of contents translated
Sokolov, L. - Baranov, V. - Export contracts in operation. p. 2.
Mishchenko, V. - Profitable cooperation. p. 6.
Volkov, L. - Interim trade agreements are essential to 60 countries. p. 10.
Petrov, M. - Second stage of the economic reform and foreign trade of the Democratic Republic of Germany. p. 11.
Mishchenko, V. - Specialized exhibitions and commercial work. p. 16.
Dobrovol'skiy, M. - Principles of successful trade with the developing countries. p. 24.
Mishchenko, G. - Economic and technical cooperation with Turkey. p. 28.
Mishchenko, G. - Competition of asbestos monopolies. p. 30.
Dobrovol'skiy, M. - The exporters and the importers of goods. p. 32.
Dobrovol'skiy, M. - Exhibition of 12 countries in Medan. p. 36.
Dobrovol'skiy, M. - International trade customs and shipping agreements. p. 42.
Foreign trade of the U.S.S.R. in 1967. p. 46.
Announcements. p. 60.

Vol. 49, no. 7, 1969.

Table of contents translated
Dobrovol'skiy, M. - Economic and technical cooperation of the U.S.S.R. with African countries. p. 2.
Prokopenko, I. - Soviet-Swedish trade. p. 6.
Nagibskii, I. - From the work practice of two plants. p. 8.
Kamenskii, I. - New principles of trade agreements. p. 11.
Dobrovol'skiy, M. - International law and discrimination in trade. p. 20.
Kamenskii, I. - The pound sterling after the devaluation. p. 27.
The 37th Paris Fair. p. 33.
Kamenskii, I. - Soviet equipment in Paris. p. 36.
Sergiyev, I. - Open freight markets. p. 42.
Kamenskii, I. - Coastal trade with Japan. p. 48.
Mishchenko, G. - Settlement of accounts in Leningrad. p. 50.
Lagunov, B. - For the chemical industry of the Democratic Republic of Germany. p. 51.
Lagunov, B. - Competitive struggle of machinery manufacturing monopolies in the Federal Republic of Germany. p. 53.
Grishin, A. - Joint-stock companies in Latin American countries. p. 57.
Announcements. p. 61.

Vol. 48, no. 10, 1968.

Table of contents translated
Zolotarev, V. - Mutually profitable cooperation. p. 2.
Andreev, L. - Soviet equipment on the markets of African countries. p. 7.
Kharashev, I. - For the irrigation and drainage system of the United Arab Republic. p. 10.
Bekarevich, G. - The Exports Hydraulic Engineering Complex. p. 14.
Afonin, I. - Quality of supplies is a matter of attention of machine tool manufacturers. p. 18.
Chernyshev, N. - Krasnodar Territory production for foreign trade. p. 23.
Zmeev, A. - Tenders for equipment. p. 27.
Vinogradov, B. - Galtsev, V., Ivanov, I. - Mail advertising. p. 32.
Koledinskii, B. - Western consulting firms in the developing countries. p. 36.
Kharashev, G. - Designing and competitiveness. p. 40.
Kharashev, G. - Specialization in machinery manufacturing and the international trade in machinery and equipment. p. 45.
The Sokolniki in 1968. p. 53.
Joint companies in developed capitalist countries. p. 56.
Announcements. p. 62.

ZAKUPKI SEL'SKOKHOZIAISTVENNYKH PRODUKTOV [PURCHASES OF AGRICULTURAL PRODUCTS]. Issued by Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee of Procurements of the Council of Ministers of the U.S.S.R.]. Moscow, no. 11, Nov. 1967.

Table of contents translated:
Kornilev, L. R. - Socialist reorganization of Soviet village and stable procurement of agricultural products. p. 2.
Sokolov, T. - Fifty years of struggle and creation. p. 9.
Merkulov, P. - Years of steady growth. p. 14.
Petrov, P. - Creation of the Soviet regime. p. 18.
Pogrebniak, P. - Giant strides. p. 21.

Kul'chitskii, I. - Giant raised in the Turgay Steppes. p. 24.
Maksim, D. - Big harvests from the irrigated fields. p. 27.
Barabushkin, I. - Paths toward high profits. p. 32.
Boluchevskii, L. - Achievements of the virgin land livestock farmers. p. 35.
Liubchensko, O. - To dear man. p. 37.
Vinogradov, L. - Legerbary train. p. 41.
Igoreva, V. - Grain procurement enterprises at the anniversary exhibition. p. 48.
Sidorov, A. - Soviet fur. p. 51.
Kharov, M. - State deliveries of rice are growing. p. 54.
Bachmanov, Vasilii. - Feeling the pulse of life. p. 56.
Mikhaltov, P. - Workshop for training of engineers. p. 59.
Klimanov, V. - Model procurement complex. p. 63.
Talgis, S. - Therapeutic herbs. p. 65.

No. 2, Feb. 1968.

Table of contents translated:
Fulfill the five-year plan ahead of schedule! p. 1.
Novikov, V. - The state will receive more products. p. 3.
Sadredinov, T. - Our primary concern. p. 5.
Volunteer correspondents of the journal report. p. 6.
Isaenko, I., Ovsinnikov, A. - Glorious and difficult service. p. 8.
Solov'yev, B. - Correct distribution of state purchases of agricultural products is an important means for increasing the efficiency of production. p. 11.
Bochkin, A. - Fulfill the plan for the purchasing of livestock products in 1968. p. 14.
Dutskanov, V. - Be prepared to receive the grain of the new harvest on time. p. 17.
Tentsev, O. - Purchase more grain of cereal crops. p. 19.
Korkonov, V. - Flax growing is a leading branch. p. 20.
Leonova, M. - Direct ties and state livestock fattening farms. p. 22.
Akzhigitov, A. - Catching of and making state deliveries of "white gold" in Kazakhstan. p. 24.
Klimanov, V. - Construction of consumer's cooperative procurement enterprises. p. 26.
Evdokimov, A. - Forward contractual agreements of consumer's cooperatives. p. 28.
Mikhailov, P. - Grain harbor. p. 30.
Dovzhenko, K. - Improving the method of determining the quality of seeds. p. 34.
Chernyshev, I. - Oversight in the state standards. p. 35.
Derkovskii, L. - Eliminate these obstacles as well. p. 38.
Kodolovskii, M. - Hair is a valuable industrial raw material. p. 36.
Makhimov, A. - A new laboratory. p. 38.
Beras, N., Gorbenko, P. - Improve the supply of materials and equipment. p. 38.
The more valuable grades of grain, cereals, and oilseeds for which a higher price is paid. p. 39.
Marshuk, M. - Sugar. p. 40.

b. ECONOMICS

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Institut ekonomiki Akademii nauk URSS [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 4, Apr. 1968.

Table of contents translated:
Korotkiy, O., Ponomarenko, I. - Inspired founder of scientific communism. p. 1.
Derev'yankin, T., Kul'chitskii, S. - The Lenin plan for building the building of socialism. p. 11.
Chalovskiy, N. - The law of steady growth of labor productivity under socialism. p. 17.
Korchak, I. - Contacts under the new conditions. p. 28.
Levirynskiy, T., Selivanova, T. - Formation of the economic incentive funds. p. 34.
Troshyn, M., Dilchka, M. - The economic reform and automotive transportation. p. 41.
Lamp'yskiy, S., Khyluk, F. - Long-range forecasting of scientific and technical progress. p. 47.
Rubyn'skiy, B., Tremolev, B., Diachenko, H. - Introducing the establishment of scientifically based norms in the coal industry. p. 56.
Khomenko, I., Dorosh, I. - Increase the return of the capital invested in rural electric equipment. p. 60.
Kul'chenko, V., Minin, M. - Method of studying the optimum levels of natural gas consumption by the main industrial branches of the Ukrainian S.S.R. p. 66.
Some problems of increasing the efficiency of construction production. p. 70.
Shrah, N. - Develop rural industry. p. 73.
Pavlenko, S., Bondanova, M. - Use the available experience. p. 75.
Mykhailik, A. - Some current problems. p. 78.
Antonov, O., Rossokhaty, I., Naumenko, I. - Combining yields results. p. 77.

Fesikchenko, P. - Develop first initiative. p. 78.
Sorbakov, V. - Rates and factors in developing the international socialist market. p. 79.

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 13, no. 6, 1968.

Table of contents translated:
Akopov, B. - Problems of socialist agriculture and the "Capital" of Karl Marx. p. 2.
Kavshinov, I., Plishmenova, D. - Economics of agricultural production. p. 10.
Gavrilov, G., Makarov, A., Vlasov, N. - Agriculture in the economy of a rural district. p. 19.
Spektor, M. - Sociological research in planning of rural populated areas. p. 21.
Tumilov, V. - Economic problems in agriculture. p. 23.
Zharikov, V., Shchukhina, G. - The wage system on state farms. p. 30.
Ovchinnikov, N. - Capital yield of fixed assets and the relationship of the value of capital assets to the value of production. p. 40.
Kachuro, I., Tarasovich, V. - Flax work and the business accounting basis. p. 14.
Kuchina, N. - Potentials of the socialist system in the service of the people. p. 60.
Kuchukov, V., Savin, M. - Fulfilling the five-year plan of a collective farm in five years. p. 63.
Polekhov, V. - Land improvement in Kirov Province. p. 63.
Grishin, V. - Scientific labor organization and its role toward the means of mechanization of livestock farming. p. 60.
Stepanov, A. - Introduction of strong and hardy breeds of cattle. p. 73.
Gavrilov, V. - Planning for the growth of grain and crops. p. 81.
Agalarov, M. - Specialization of farmsteads. p. 86.
Dudnikov, V., Gerasimov, G. - Ways of improving the use of labor on the collective farms of the Ukraine. p. 90.
Galkina, R. - Combining branches and areas of labor in agricultural labor. p. 105.
Mazurkov, V. - Distributing and developing livestock industries on collective farms. p. 105.
Drachuk, V. - Interfarm land reorganization and a regional planning scheme for practice. p. 112.
Nikolov, G. - Land value and payment for land. p. 100.
Tuzhik, G. - Improve prices for the grain sector. p. 112.
Nesherenko, V. - Daily balance sheet of livestock counting. p. 113.
Kudlin, L., Shchukina, A. - Irrigation problems and international symposium. p. 110.
Korobov, A. - Introduce scientific labor organization in agricultural production. p. 123.
Zharikov, F. - In Puzna Agricultural Institute. p. 117.

EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Institut ekonomiki Akademii nauk URSS [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 11, Nov. 1967.

FILATELIA SSSR [PHILATELY OF THE U.S.S.R.]. Organ of Ministerstva aviatsii SSSR and Vsesoyuznaya obshchestvennaya filatel'naya [Union of Philatelists of the U.S.S.R. and the All-Union Society of Philatelists]. Moscow, vol. 3, nos. 6, 7, May, July 1968.

LIAUNIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine planu komisija [State Planning Commission of the Lithuanian S.S.R.]. Vilnius, nos. 7-8 (117-118), July-Aug. 1968. [Lithuanian]

MATERIALNO-TEKHNIЧЕСКОЕ СНАБЖЕНИЕ [SUPPLY OF MATERIALS AND EQUIPMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po materialno-tekhnicheskomu snabzheniyu [State Committee of the Council of Ministers of the U.S.S.R. for the Supply of Materials and Equipment]. Moscow, vol. 3, no. 1, Jan. 1968.

Table of contents translated:
For strict observance of contractual discipline. p. 1.
Dudnikov, B. - Supply construction sites with equipment on time. p. 6.
Laptev, V. - Supplying metal products from a warehouse, and centralized delivery of metal products. p. 6.
Aliforov, V., Pavlov, G. - The economic reform and the material self-interest of agricultural procurement workers. p. 14.
Grishin, N. - Improve the delivery of tools for construction and road machinery manufacturing. p. 10.
Rubinovskiy, I. - Economic efficiency of capital investments in procurement. p. 26.

- Selecting a supply form in multiple nomenclature order. p. 32.
 Sov. G. - Methodological problems of planning production and distribution of spare parts.
 I. - For the efficient use of wood. p. 43.
 S. - Overall mechanization of coal-mine facilities. p. 47.
 ata, V. - Problems of managing stocks of materials and equipment. p. 54.
 ov, P. - Two years of work in the new way.

oin, A., Evalds, N. - Working out a plan for branch cooperative deliveries. p. 66.
 I., Kokarev, G., Eliseev, G. - Save lumber in manufacturing and using of containers.
 IU., Gortachev, M. - On the recurrent use of containers. p. 71.
 skil, E. - Business accounting in procurement work. p. 73.
 Sinopalov, N. - Creating an automated system of procurement management. p. 80.
 umov, A. - Automated system of standardization. p. 83.
 I., Solodnik, L. - Improve the organization of procurement for cooperative deliveries. p. 88.
 zev, N. - There is a need for immediate action. p. 89.

EKONOMIKA I MEZHODNARODNYE OTNOSHENiya **[WORLD ECONOMICS AND INTERNATIONAL RELATIONS]** Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnosheniy Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.], no. 7, 1968.

Table of contents translated:
 Problems and difficulties of the capitalist world economy. p. 3.
 I. - The new trends in the state budgets of capitalist countries. p. 15.
 byalov, A. - Movement of capital between the developed capitalist countries and the developing countries. p. 27.
 ov, A. - Some problems of the labor movement in capitalist countries. p. 39.
 P., P. - Brazil: A bundle of contradictions.
 B. - The Common Market: results of 10 years. p. 60.
 LA. - Multinationals or a special trend? p. 84.
 n, A. - Sphere of services and problems of labor mobility. p. 73.
 n, V. - Current problems of world politics.

Security and relations among the states of two systems. p. 102.
 S. - Tanker navigation: difficulties and prospects. p. 122.
 ov, IU. - Danish social democracy. p. 131.
 F. - A new journal of Hungarian economists.

Table of contents translated:
 ov, V. - Socialist countries and the political theory of imperialism. p. 3.
 ov, G. - On some bourgeois "concepts" of international relations. p. 16.
 V. - Tendencies of structural changes in the economy of the U.S.A. p. 28.
 a, L. - France and the foreign exchange imbalances of modern imperialism. p. 41.
 N. - The developing countries: the formation of economic mechanism. p. 52.
 IU. - Evolution of ground rent in France.

Security and relations among the states of two systems. p. 72.
 Forces and the prospects of the "Third World."

IU. - Storm over France. p. 97.
 M. - England: the crisis of confidence.
 ov, A. - Italy: a new disposition of forces.
 ov, E. - The Federal Republic of Germany: political legislation. p. 111.
 a, K., Barko, IU. - Growth or stability?
 V. - Bonn, a new phase of the armament.
 isov, V. - Clubs in the Fifth Republic.

ov, M. - Switzerland parts with silver. p. 127.
 Schreiber, J. J. - American challenge to Europe. p. 130.
 ilanov, IU., Nikitina, L. - A French capitalist's challenge? p. 131.

Table of contents translated:
 h, IU. - Bourgeois theories of the world economy. p. 3.

Cheprakov, V. - Lenin on the nature and national types of imperialism. p. 16.
 Kulish, V. - NATO's new military doctrine. p. 27.
 Burdzhulov, F. - The "income policy" and the laboring class. p. 33.
 Iordanskii, V. - Tropical Africa: intracommunal contradictions. p. 49.
 Sharikov, A. - Comparative analysis of labor productivity in the U.S.A. and Japan. p. 60.
 Shanberg, V. - Pre-election struggle in the U.S.A. p. 73.
 Verbitskii, S. - On the eve of 1970. p. 78.
 Leont'eva, E. - Factors of economic growth. p. 84.
 Kuznetsov, IU. - Against the militaristic course. p. 90.
 Shpil'ko, G. - Programming: the Japanese variant. p. 95.
 Kutsobina, N. - Restoration of Japanese monopolies. p. 101.
 Lovtchin, G. - Shipbuilding: first place in the world. p. 105.
 Khlynnov, V. - Problem of the unity of trade unions. p. 109.
 Vilkhovich, E. - "Human relations": ideological aspects. p. 112.
 Pityk, B., Rukonselaki, B. - Hydroelectric power production of the world today. p. 120.
 Sheldin, E. - Foreign capital in Latin America. p. 126.
 Bolshun, L. - Internal political struggle in China. p. 134.
 Statistics and economic information. p. 153.

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA] Issued by Gosplan Armenianskoi SSR and Institut ekonomiki Akademii nauk Armenianskoi SSR [State Planning Committee of the Armenian S.S.R. and the Institute of Economics of the Academy of Sciences of the Armenian S.S.R.], Eriuan, vol. II, nos. 6-7, 1968.

NOVAIA INOSTRANNAIA EKONOMICHESKAYA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, 1968.

NOVAIA SOVETSKAYA EKONOMICHESKAYA LITERATURA [NEW SOVIET ECONOMIC LITERATURE] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, 1968.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]

Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.], Moscow, vol. 46, no. 9, Sep. 1968.

Table of contents translated:
 Enclutrin, A. - The economic reform in operation. p. 3.
 Mikoladze, I. - Branch and regional planning. p. 10.
 Oavlov, S. - Some problems in the distribution of industry. p. 27.
 Melnikov, N., Romanenko, K. - Work practice under the new conditions. p. 36.
 Konstantinov, IU. - Problems of financial planning in enterprises. p. 42.
 Vladimirov, D. - Rational Index. p. 49.
 Kovalev, N. - Improving planning and computers. p. 62.
 Rudkin, L. - Optimum interproduct balance in a branch. p. 61.
 Orlinskii, S. - Payment for water resources. p. 67.
 Rozon'ov, Sh. - Evaluation of natural resources and the efficient distribution of the productive forces. p. 76.
 Gnedkov, IU., 'Smet', V. - Problems of management and information. p. 91.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY] Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information], Moscow, no. 9, Aug. 1968.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.], Moscow, vol. 25, nos. 6-8, 1968.

VESTNIK STATISTIKI [STATISTICAL REVIEW] Organ of Tsentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.], Moscow, no. 7, 1968.

Table of contents translated:
 The 15th anniversary of Soviet government statistics. p. 3.
 On the most important problems of improving government statistics, text of a report by V. N. Starovskii, Chief of the Central Statistical Administration of the U.S.S.R. p. 15.

Discussions on V. N. Starovskii's report. p. 25.
 Methodological and organizational problems of the 1970 All-Union Census of the population, text of a report by P. G. D. Panchuk, Member of the Collegium of the Central Statistical Administration of the U.S.S.R., Administration Chief of the All-Union Census of the Population. p. 41.
 Decision of the All-Union Conference of Statisticians. p. 67.
 To the Central Committee of the Communist Party of the Soviet Union. p. 74.
 Terent'ev, A. - Daily work of a regional statistician as an essay. p. 70.
 The all-Union economic conference. p. 84.
 Ter, T. - Academic conference devoted to the 50th anniversary of Soviet government statistics. p. 85.
 Use of production equipment in the enterprises of machinery industry ministry. p. 86.

VOPIROSY EKONOMIKI [PROBLEMS OF ECONOMICS]

Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, July 1968.

Table of contents translated:
 Karakht, A. - Theory of the reproduction of the means of production and the current problems in the methodology of planning. p. 3.
 Sont, M., Zhitsov, K. - Efficient use of the labor resources. p. 13.
 Starovskii, L., Khilnik, P. - Problems of the organization of regional planning and distribution of production. p. 25.
 Lemeshko, M. - Methodological problems of agricultural planning. p. 31.
 Zilmanov, L. - Industrial development of agriculture. p. 44.
 Brekov, V., Levin, A. - Forecasting the demand of the population. p. 55.
 Baskov, D. - Business accounting in industrial companies of the countries participating in the Mutual Economic Assistance Council. p. 67.
 Bragel, H. - East Marx and the question of modern bourgeois political economy. p. 77.
 Korotki, IA. - Objective nature of economic laws and the economic operations of the socialist society. p. 89.
 Men'shikova, M. - Farm procurement in the U.S.A. p. 98.
 Gogosov, V., Zolova, I. - On some problems of providing incentives for technological progress. p. 106.
 Likhovitch, N. - The theory of labor productivity. p. 113.
 Kolesova, K., Nidkha, V. - Production cost indices and the new conditions of management. p. 115.
 Enlov, G. - Grouping enterprises for establishing norms for incentives. p. 120.
 Olsheviks, P. - Coordinating the efforts for the profitability of production funds with the norms for the efficiency of supplementary capital investments. p. 124.
 Burulin, I., Savin, N. - Planning and designing work as an element of the sphere of material production. p. 126.
 Kinglev, V. - Efficiency of the centralized production of standard parts and units. p. 128.
 Orlikovskii, IU. - Practice in planning planned orders for agricultural production. p. 132.
 Kurchagin, V. - Conference of the young scientists in Kiev. p. 153.
 Sokolovskii, A. - Business accounting in collective farm subdivisions. p. 155.
 Trofimov, IU. - Leningrad Institute for the Improvement of Qualifications now and in the future. p. 156.
 A. L. - The Minister of Geology of the U.S.S.R. holds a press conference. p. 158.

No. 9, Aug. 1968.

Table of contents translated:
 Taraschik, Sh. - Time and production and marketing costs. p. 3.
 Makenko, M. - Overcoming social and economic differences between the city and the village. p. 13.
 Abatkin, L. - Economic role of the socialist state. p. 23.
 Eremin, A. - Developing the management of the economy. p. 33.
 Ievov, D., Sadov, V., Slavkov, V. - Economics of production quality. p. 42.
 Maslova, N. - Formation of the material incentive fund. p. 49.
 Rykov, A. - Developing scientific and technical cooperation among socialist countries. p. 59.
 Popov, K. - Objective principles of developing the price system in the trade among socialist countries. p. 67.
 Nukovitch, K. - The Lenin economic cooperation policy and anticommunist ideologists. p. 76.
 Karnaukova, E. - Economic evaluation of land in agriculture. p. 88.
 Zakharov, S. - Taking into consideration the amortization and the time element in expenditures for production. p. 105.
 Dursheina, G. - Modern economics and some methodological "buggaboos" for economic measurements. p. 117.
 Lion, V. - Distribution of the material incentive fund. p. 121.
 Zvezdinskii, S. - Scientific and technical information and the efficiency of planning. p. 127.
 Books on economics published in March-April 1968. p. 144.
 Orskikh, V. - Marxism-Leninism as a science of the building of communism. p. 147.
 Danychev, O. - The labor resources: their efficient

- use of financing. p. 150.
Kashelev, G. - Reproduction of the population and its regional characteristics. p. 151.
Barnitshev, E. - Results of a year. p. 155.

c. FINANCE

- DEN'GI KREDIT [MONEY AND CREDIT].** Organ of Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 26, no. 6, June 1968.
Table of contents translated:
Abubakarov, M. - Role of credit in the strengthening of collective farms located in the mountains. p. 3.
Kasirov, L. - Strengthening business accounting on collective farms. p. 7.
Kartlov, D. - Organization of economic work. p. 13.
Grifov, V. - Important potentialities of increasing the efficiency of working capital. p. 17.
Zysman, G. - First results of an experimental procedure for issuing credit to trade. p. 22.
Charikov, V. - Centralized disbursement on railroads. p. 28.
Martirosov, V. - There is a lot to be done. p. 31.
Repotin, F. - State Bank branch under the new conditions. p. 33.
Kauger, V. - Improving the practice of issuing credit and making payments. p. 35.
Bobokova, Z. - Some problems of interrelations between the bank and the enterprise under the new conditions. p. 38.
Kharitonov, P. - The factory, the bank, and the collective. p. 39.
Stepanova, A., Surguchev, M. - Business accounting in operation. p. 40.
Mozilov, A. - Planning for issuing long-term credits to collective farms. p. 42.
Kulagina, A. - Credit security. p. 44.
Vinnikov, S. - Payments for the finished projects and stages of construction. p. 46.
Tolstareva, L. - Give payments your constant attention. p. 49.
Uluzhnikova, N. - Work of the central disbursement office in freight transportation. p. 52.
Sal'kov, O. - Centralized payments for freight transportation in railroad transport. p. 54.
Artukhov, I. - Improve the system of payments in automotive transportation units. p. 59.
Dostafadina, L. - Why was the loan not secured? p. 56.
Kvashnina, T. - The accounting of a city branch is performed at the machine accounting center of statistical administration. p. 60.
Marinin, A. - Influence of conversion on the growth of savings. p. 62.
Pit'ga, A. - Take into consideration the new conditions of developing savings banks. p. 63.
Sovinskii, V. - Mass work in the savings banks. p. 65.
Kovalova, T. - Help of the volunteers. p. 67.
Isanov, F. - Training of bank personnel. p. 69.
From our readers' letters. p. 70.
Serebriukova, L. - International market of capital in Western Europe. p. 80.
Brief information on foreign exchange and banks abroad. p. 91.
In the Board of Directors of the State Bank of the U.S.S.R. p. 93.
Conference of the Council of the International Bank for Economic Cooperation. p. 93.

Vol. 26, no. 7, July 1968.

- Table of contents translated:
Editorial: Strengthening the role of credit in providing incentives for productive work under the new conditions of management. p. 3.
Volentseva, N., Mamukova, L., Urlikshin, L. - Issuing credit for the total loan required. p. 16.
Kulikov, V. - The material incentive fund. p. 22.
Karpov, A., Chervonenko, L. - The bank and the enterprise under the new conditions. p. 28.
Egorova, M. - Credit and supply of materials and equipment. p. 31.
Shor, V. - Some problems of bank statistics. p. 34.
Smirnov, V. - Results of issuing direct credit to collective farms. p. 37.
Kulchik, E. - Bank control over the fulfillment of financial plans by collective farms. p. 40.
Samuilov, V. - Marketing, profit, and profitable production. p. 41.
Zel'mikov, I. - Issuing credit for capital assets. p. 44.
Chernikov, S. - Analysis of expenditures from the production development fund. p. 45.
Dulin, G. - Some problems of work on currency circulation. p. 52.
Lubanski, I. - Work of our district savings banks. p. 53.
Stankov, N. - Our experience. p. 54.
Gorodetskii, V., Anzuev, S. - Improving the service industries in the village. p. 56.
Biserev, S. - Training of and building up personnel. p. 57.
We discuss and suggest. p. 58.
Korotkova, V., Maslova, M. - Financing and issuing long-term credit for capital investments of consumer's cooperatives. p. 63.
Setkova, E. - What is the significance of the formation of the "Big Three" in England. p. 73.
G. P. - The developing countries and a conference in New Delhi. p. 81.

- Pariente, A. - Role of the state credit system in the economic development of Mexico. p. 83.
Brief information on foreign exchange and banks abroad. p. 86.
The All-Union economic conference. p. 88.
In the Board of Directors of the State Bank of the U.S.S.R. p. 90.
Conferences and seminars. p. 92.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 42, no. 6, June 1968.

- Table of contents translated:
Socialist pledges of collectives of humanly workers, insurance organs, and the central apparatus of the Ministry of Finance of the U.S.S.R. to fulfill the state budget successfully in 1968. p. 3.
Use the potentialities of the enterprise more fully. p. 7.
Baltalov, P., Rozendel'd, I. - Strengthen the control over the expenditures for social and cultural measures. p. 11.
Volkov, N. - Financial organs of the Western Ural under the new conditions. p. 15.
Pension coverage for the workers of Uzbekistan, an interview with V. Muratkhodzhaev, Minister of Finance of the Uzbek S.S.R. p. 20.
Vinkov, R. - The economic theory of K. Marx and the financial problems of socialism. p. 22.
Braginskii, L. - Efficiency of capital investment in land improvement. p. 35.
Lunenkov, A. - The profitability indices. p. 40.
Imshirtsev, V. - Pave the way for the payments for the finished product. p. 44.
Korovin, A., Morozov, A. - Contributing to the success of the economic reform is a duty of every financial organ. p. 49.
Let us increase the revenue, a review of articles and correspondence received by the editor. p. 57.
Kopontsev, V. - Method of analyzing sales, profit, and profitability under the new conditions. p. 61.
Voloskikh, V. - Deductions appropriated for the budget for reimbursing expenditures for productive work. p. 67.
Kurtin, N. - Balance of payments foreign exchange and financial condition of the developing countries. p. 70.
Tikhonov, A. - Role of finance as a tool of state monopoly interference in the economy. p. 76.
Kadyshchev, L. - Discussion of the current problems of profit and profitability. p. 82.
In the Collegium of the Ministry of Finance of the U.S.S.R. p. 89.
In the Board of Directors of the Construction Bank of the U.S.S.R. p. 91.
Baryshnikov, O. - In commemoration of the anniversary. p. 94.

Vol. 42, no. 7, 1968.

- Table of contents translated:
Editorial: Preparation for the fourth year of the five-year plan. p. 3.
Gorkov, I. - Finance and improving the efficiency of productive work. p. 7.
Frolov, S. - Improved economic work. p. 12.
Alukov, R. - Convert the state farms of Kirgizia into completely to business accounting. p. 20.
Kozlov, N. - Profitableness and the efficiency of production funds. p. 26.
Zatkin, G. - Establishing norms for the working capital of industrial enterprises. p. 30.
Sanyuk, V. - The turnover tax under the new conditions. p. 36.
Buzhik, A. - Some problems of enterprise finance. p. 46.
Pillipev, N. - Continuous operation planning for the marketing of products. p. 43.
Kovalev, M. - Reduce construction time. p. 46.
Continuously improve the work level of state insurance. p. 49.
Solomin, L. - The extent and degree of responsibility in the turnover of agricultural crops. p. 53.
Semenkov, G. - In the financial organs of Volgograd Province. p. 61.
Frolov, M. - A new system of payments. p. 64.
Gusev, V. - New principles of financing institutions of public health. p. 68.
Iosyrov, V. - Purpose and specific aims in the efficiency promotion work of financial organs. p. 72.
Karnik, M. - Internal financial control. p. 74.
Pudikov, D. - From practice in issuing credit for cooperative and private housing construction. p. 76.
Bazarova, G., Butakov, D. - Changes in the financial planning and economic incentives in the industry of the People's Republic of Poland. p. 78.
Chernina, T. - Tendencies of learning stocks of products designated for industrial use in the world economy. p. 86.
In the Collegium of the Ministry of Finance of the U.S.S.R. p. 94.
In the Board of Directors of the Construction Bank of the U.S.S.R. p. 95.

Vol. 42, no. 8, Aug. 1968.

- Table of contents translated:
Peshchinskii, P. - Current problems in improving the financing of construction. p. 3.
Vrublevskii, V., Mitrofanov, V. - Reform on the railroads and its first results. p. 13.
Zadonskii, N., Bogomolov, V. - Budget of the province and how it is fulfilled. p. 20.
Deshmal'dinov, I. - Economy and culture of Naghdevan, and the budget. p. 25.
Iakovlev, P. - Organization of issuing credit for state capital investments. p. 26.
Gadzhiev, G., Elshanskii, M. - Financing the

- expenditures for the establishment and growing of the perennial crops. p. 34.
Svelev, V. - Enterprises under the new conditions. p. 36.
Deshalinsk, L. - Practice in operating accounts in the financial department of an enterprise. p. 33.
Svelev, V. - The most important economic lever. p. 46.
Pordman, M. - Improve planning for mining operations in active mines. p. 49.
Pudanskaya, I. - Computing the rates of payment due for the insurance of agricultural crops on collective farms. p. 52.
Conference of the insurance workers of the Russian Federation. p. 57.
Polonov, N. - City finance department under the new conditions. p. 60.
Pappel, K. - Improve the work with prices. p. 62.
Gevashvili, B. - Fiscal results. p. 64.
Serukhova, V. - Contributing rural to cities. p. 67.
Machnev, I. - Service industry enterprises work in the new way. p. 69.
Kojakova, A. - Our work. p. 71.
Chizhov, K. - The U.S.S.R. dollar on the path to devaluation. p. 74.
Lugovskaya, R. - Neocolonial nature of imperialist "aid" to African countries. p. 78.
Gromova, G. - Academic endurance of science-scientific course students. p. 88.
In the Collegium of the Ministry of Finance of the U.S.S.R. p. 91.
In the Board of Directors of the Construction Bank of the U.S.S.R. p. 94.

Vol. 42, no. 9, Sep. 1968.

- Table of contents translated:
Mavolov, F. - Strengthen the control of financial organs over the safety of state funds in every way possible. p. 3.
Mikhlin, D., Khalilov, S. - Give more attention to finding supplementary sources of revenue. p. 10.
Ushakov, I. - State farms are operating completely on a business accounting basis. p. 14.
Ushakov, V. - We are improving the level of economic work. p. 21.
Alldikverdian, D. - The socialist enterprise and the functions of finance. p. 26.
Zelichenko, I., Mitol'man, B. - Planning for working capital. p. 36.
Iakovlev, D. - Determining above norm incentives. p. 40.
Stafinskii, P., Lipkin, L. - Experiment in trade and public food service. p. 45.
Daugello, A. - Economic incentive funds in enterprises of the road machinery industry. p. 46.
Tolstikh, A. - Improve the procedure for financing construction with funds from the centralized sources. p. 52.
Dobchenko, P. - On the eve of a reform in construction. p. 67.
Isanov, M. - Uncover potentialities more effectively. p. 69.
Ignin, A. - Regional finance department under the new conditions. p. 63.
Molotovskii, S., Rozenshteyn, F., Glush, R. - Financial problems of rural Soviets. p. 65.
Rozikov, I. - Provide more service to the population. p. 69.
Karaev, M. - Some problems of improving the auditing. p. 71.
Izvozhnikov, I. - Important sector of work. p. 74.
Darkov, G. - Mechanization of accounting and computing work in the financial system. p. 75.
Bolozhetskii, I. - Auditing the statements of enterprises accounts. p. 78.
Dajnov, I. - Financial problems of the mobilization of internal resources. p. 85.
Fakolov, T. - Financial and economic condition of Greece. p. 91.
Lukin, I. - In the Permanent Committee on Foreign Exchange and Finance of the Comcon. p. 94.
In the Board of Directors of the Construction Bank of the U.S.S.R. p. 95.

d. LABOR

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 9, Sep. 1968.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by Tsentral'nyi Komitet Komunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 44, nos. 8-9, Aug.-Sep. 1968.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soversha Ministrov SSSR po voprosam truda i zarabotnoi plati [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol. 13, no. 2, Feb. 1968.

- Table of contents translated:
Tolstikh, N. - Creative participation of women in social production. p. 3.
Skugarskii, R. - Developing systems of paying bonuses for production quality. p. 10.

c. SOCIOLOGY

AZƏRBAYCAN QADINI [AZERBAIJAN WOMAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 8, Aug. 1968. [In Azerbaijani]

KAZACHU ZHIZN' [COSSACK LIFE]. Issued by Vostochnyi Kazach'evskii narodnyi sovet [East Division of the Cossack-American National Alliance, Inc.]. Providence, R. I., vol. 16, nos. 186-187, Aug.-Sep. 1968.

SOVIETSKAYA ZHIZN' [SOVIET WOMAN]. Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 24, nos. 7-9, July-Sep. 1968. [In Estonian]

PADOMJU LATVIJAS SIEVETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas Komunistiskās partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, nos. 5-7 (189-191), May-July 1968.

RADIANSKA ŽIUNKA [SOVIET WOMAN]. Kiev, vol. 23, no. 9 (273), Sep. 1968.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi Komitet Vsesoyuznogo leninskogo kommunisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 17-18 (991-992), Sep. 1968.

SOVETSKAIA ZHENSCHINA [SOVIET WOMAN]. Organ of Komitet ametskikh zhenshchin i Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Sojuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, no. 10, 1968.

SOVETSKII KRASNYYI KREST' [SOVIET RED CROSS]. Organ of Ispolnitel'nyi Komitet Sojuz obshchestv Kraevogo kresta i Kraevogo polumeslatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U. S. S. R.]. Moscow, vol. 19, no. 40 (90), July-Aug. 1968.

QAZAQSTAN AÏELDEHI [KAZAKHSTAN WOMAN]. Alma-Ata, nos. 6-8, 1968. [In Kazakh]

TARYBINE MOTENIS [SOVIET WOMAN]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 5 (197), 7-9 (199-201), 1968. [In Lithuanian]

6. POLITICAL SCIENCE

BI OKNOI AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Odel propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Belorussii [Propaganda and Dissemination Section of the Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, nos. 9-12, 14-17, May-Sep. 1968.

BLOKNOI AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Viddit propagandy i agitatsii Tsentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, nos. 10, 12, 14-15, May-Aug. 1968. [In Ukrainian]

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eesti Riikliku Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 24, nos. 7-9, July-Sep. 1968. [In Estonian]

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 7 (529), July 1968.

KOMMUNIST [COMMUNIST]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Sojuz [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 45, no. 6, Apr. 1968.

Table of contents translated:
Current international problems and the struggle of the CPSU for the unity of the world communist movement. resolution of the Plenum of the Central Committee of the CPSU of April 10, 1968. p. 3.
Founder of scientific communism, theories for the 150th anniversary of Karl Marx's birth. p. 6.
Editorial: The everlasting revolutionary theory. p. 23.
Chernikov, A. - Current problems of historical materialism. p. 36.
Pashkov, A. - Marx and the political economy of socialism. p. 49.
The struggle banner of communist victory. p. 63.
Smirnov, A. - Marx about the national liberation movement. p. 77.
Ilfimov, M. - Marx and the tragedy of the bourgeois culture. p. 88.

Reins of today's Chinese events. p. 102.
Kochetkov, M. - Russian books in Karl Marx's library. p. 122.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 42, nos. 6-7, June-July 1968. [In Kirghiz]

KOMMUNIST ESTONIA [COMMUNIST OF ESTONIA]. Issued by Tsk Kompartii Eestoni [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 24, nos. 6-8, June-Aug. 1968.

KOMMUNIST SOVETSKOI LATVIJ [COMMUNIST OF SOVIET LATVIA]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 23, nos. 7, 8, July, Sep. 1968.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 43, no. 9, Sep. 1968. [In Ukrainian]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 7-9 (529-531), July-Sep. 1968. [In Lithuanian]

MEZHODNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoyuznoe obshchestvo "Znanie" [Knowledge] All-Union Society. Moscow, vol. 15, no. 8, 1968.

Table of contents translated:
Shostov, V. - Great achievement in the matter of peace. p. 3.
Klimov, V. - Unity in international and national objectives of the socialist states. p. 13.
Chikende, V., Ostrovskii, I. A. - International concordance on human rights. p. 22.
Shvedkov, I. U. - Frills of a "global" policy. p. 30.
Kriukov, P. - Neo-fascism: sources and ideology. p. 38.
Ivanov, A., Samonov, I. U. - Industry of the socialist countries: cooperation and progress. p. 48.
Lavrichenko, M. - Who is responsible for the economic backwardness of the "Third World"? p. 58.
Ermolenko, D. - Sociology and some problems of the international conflict. p. 67.
Tatarsky, K. - A fitting plunder. p. 77.
Rikolaev, V. - Spain: social and political battles. p. 84.
Goloshubov, I. U. - What perturbs the Scandinavians? p. 92.
Mikhailov, V. - Bonn consists of two canyons. p. 99.
Raginskii, M., Burkovskii, S. - Crimes must not be repeated. p. 107.
Kuz'min, V., Ustinov, V. - Namib Desert, United Nations, and imperialist intrigues. p. 114.
Prokopyevich, A. - What color is Pan-Turkism? p. 110.
Vasil'ev, O. - Reprisal against the poor. p. 124.
Karageev, I. K. - Limits to the false course. p. 125.
Akhmed, P. - "Blatnoyents" among the aggressors. p. 126.

Ivanov, A. - Chemical and bacteriological weapons for the North Atlantic Treaty Organization. p. 127.
Ignat'ev, O. - "Inter-American" armed forces again? p. 128.
Arkharov, M. - A different Japanese version of the "Colombo Plan." p. 129.
Karnov, A. - A stillborn project. p. 130.
Ievlova, T. - Results of the elections and the National Assembly. p. 131.
Lukhina, V. - Construction sites of internal countries. p. 148.
Nikolaev, S. - Israel and the imperialist monopolies. p. 147.
Ivanov, G. - Emergency laws in the German Federal Republic. p. 149.
Lugov, V. - Latin America in the clutches of the agricultural problem. p. 151.
Intro to the propagandist's notebook. p. 154.
Mironov, M. - Balances, deficit, and devaluation. p. 155.
The face and soamy sides of bourgeois democracy. p. 157.
El'dushvili, G. - Council on the art of teaching. p. 158.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 26, no. 33 (211), Aug. 1968.

Table of contents translated:
Editorial: The grandeur of Lenin. p. 1.
National Day of India: a commentary. p. 2.
People and events: Sergei Mal'tsevovich Sitamouko; Emilio Derlin Zinsou; Ali Hussein. p. 3.
A pattern for European security: a commentary. p. 5.
Freeman, Harry. - At the Miami Convention. p. 7.
Mirskii, O. - In connection with the coup d'état in Iraq. p. 11.
Tunkin, G. I. - Aggression against Vietnam and international law. p. 14.
Pudin, N. - A festival and politics. p. 15.
Cobo, Juan. - A hot summer in Spain. p. 17.

Dosodin, A. - New Hnos, new airplanes...
Nikolaev, V. - American espionage in Northern Africa. p. 20.

Letters to the editor. p. 22.
Informational notes. p. 23.
Kassia, V. - On the Fiji Islands: travel notes. p. 25.

Kulik, S. - Tide is Zambian. p. 20.
World events. p. 32.

Vol. 20, no. 35 (213), Aug. 1968.

Table of contents translated:
Editorial: About the events in Czechoslovakia. p. 1.
Incidents, scanning the foreign press. p. 3.
Karageev, K. - What the Socialist German Republic has to achieve. p. 5.
Stein, Hülger. - I was present at a non-Nazi meeting from Hamburg. p. 7.
Carillo, Santiago. - The proletarian, the youth, the intelligentsia... p. 8.
People and events: Michael Zagoroff; Spina Agnieszka; Samoilovich; Pietro Wuerth. pp. 14, 15.
Klimenko, G. - The initiative of the German Democratic Republic. p. 13.
Berthel, I. U. - The fortunes of the islands of the Indies. p. 14.
Tabarov, E. - British imperialism against the "Third world." p. 10.
Sharipov, A. - A workers' symposium. p. 19.
International notes. p. 20.
Waromshin, Munka. - There, where the war is going on. p. 22.
Nanira, I. - On the Canary Islands. p. 21.
The moribund rivers. p. 20.
World events. p. 28.
Events in Czechoslovakia. p. 20.

Vol. 20, no. 36 (214), Sep. 1968.

Table of contents translated:
A contemporary. - Who wanted to shake the pillars of power? p. 1.
Carter, Dyson. - Humanity and American imperialism. p. 4.
The Soviet Union and Morocco. p. 8.
The development of democratic Korea. p. 8.
Lent'ov, A. - The violent fighting, civil war. p. 11.
Stenko, V. - The Nigerian War. p. 11.
Fregman, Harry. - The Democratic Central Committee of the United States. p. 13.
Tupitskiy, B. - The Northern flank of the North Atlantic Treaty Organization. p. 13.
Petrov, D. - Anatomy of the Japanese imperialism. p. 16.
Cobo, J. - The corrupt swindlers. p. 22.
International notes. p. 23.
Abolina, V. - On the Philippine Islands, travel notes. (to be continued). p. 25.
Letters to the editor. p. 27.
Min, A. - Under Tunisian skies. p. 26.
Sulyu, V. - Swaziland has become an independent African state. p. 30.
People and events: José María Velasco Ibarra.

PADOMJU LATVIJAS KOMUNISTI [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas Komunistiskās partijas Centrālā Komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 23, nos. 7-9, July-Sep. 1968. [In Latvian]

PARTINAIJA ŽIŽN' [PARTY LIFE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Sojuz [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 10, A. Table of contents translated:
Preparations for the centenary of Vladimir Ilyich Lenin: decision of the Central Committee of the CPSU. p. 3.
Joint communiqué on the meeting of the Politburo of the Central Committee of the CPSU and the Politburo of the Central Committee of the Communist Party of Czechoslovakia. p. 13.
Conference of the representatives of the Communist and workers' parties of the socialist countries. p. 14.
Statement of the communist and workers' parties of the socialist countries. p. 14.
Results of the negotiations of the Political Bureau of the Central Committee of the CPSU and the Politburo of the Central Committee of the Communist Party of Czechoslovakia in Cluj and the Cluj Conference of Representatives of the Communist Workers' Parties of the Socialist Countries. p. 19.

Tasks, composition, and staff of the Institute of Marxism-Leninism attached to the Central Committee of the CPSU. p. 20.
Loyalty to proletarian internationalism. p. 22.
Kotov, M. - A powerful front of support to struggle against Vietnam. p. 25.
Lunk, I. - Socialist labor discipline should be strengthened. p. 20.
Komarov, A. - A businesslike approach and efficiency. p. 37.

... and election meetings. p. 42.
ov, P. - The personal example of a Communist.
19.

rov, M. - A provisional party group at field work.
17.

... harvesting. p. 49.
... of science and industry grows stronger.
2.

... in, S. - In accordance with the glorious tradi-
... of the working class. p. 59.

... , P. - Evolving education and industry. p. 63.
... for the education of youth. p. 67.

... sals submitted by participants of party confer-
... are carried out. p. 68.

... s of shock workers of communist labor. p. 69.

... growing role of workers meetings. p. 70.

... leading enterprises. p. 70.

... dli, A. - One of the Ershov workers dynasty.
2.

... ovedki, V. - On carefree suppliers, central
... and "pushers." p. 74.

... rovd, V. - Yes, *Communist Bender* is right. p. 76.

... s received. p. 77.

... tions for the 50th anniversary of the Lenin
... movement. p. 78.

... oke. p. 80.

... p. 1008.

... ble of contents translated:
... of the Dobrinka party district committee of
... olsk Province, p. 3.

... dli: Reports and elections in local party organi-
... ons. p. 9.

... ov, V. - V. I. Lenin on the leading role of the
... in the building of communism. p. 14.

... l. - Let us guard and increase the revolutionary
... tions. p. 24.

... ov, T. - Scientific achievements and advanced
... experience should be introduced in agriculture.
4.

... l. - To what arbitrary action leads. p. 36.

... vskii, P. - Decisions and their implementation.
4.

... chenko, I. - A party group of shift. p. 44.

... chenko, E. - Communists in the struggle for
... al. p. 46.

... tui, N. - Administration of municipal services
... rural areas. p. 52.

... dlin, V. - A party organization and the scientific
... technical intelligentsia. p. 55.

... colors of political education. p. 61.

... o of Lenin's great role. p. 63.

... lo, V. - As my own father. p. 67.

... ko, M. - No personal offense. p. 70.

... ov, I. - Are such questionnaires really neces-
... ? p. 71.

... tal replies. p. 72.

... Tuuro - An active vanguard of Finland's work-
... class. p. 73.

... onova, T. - A Communist takes the floor. p. 77.

... eka. p. 80.

... IESKOE SAMOOBRAZOVANIE [POLITICAL
... EDUCATION]. Issued by Tsentral'nyi Komitet
... imtelicheskoi partii Sovetskogo Soyuza [Central
... ittee of the Communist Party of the Soviet
... Moscow, no. 10, 1968.

... MY MIRA I SOTSIALIZMA [PROBLEMS OF
... AND SOCIALISM]. Prague, vol. 11, nos. 7-9
... 21), July-Sep. 1968.

... AN KOMMUNIST [COMMUNIST OF KAZAKH-
... Issued by the Communist Party of Kazakh-
... Alma-Ata, vol. 47, nos. 7-9, July-Sep. 1966.
... nki]

... 1917-... R. S. F. S. R.) Vorkhovnyi Sovet. Vedo-
... [Supreme Soviet. Gazette], Moscow, vol. 12,
... -70(520-522), no. 42(524), Sen. -Oct. 1966.

... 923-... U. S. S. R.) Vorkhovnyi Sovet. Vedo-
... [Supreme Soviet. Gazette], Moscow, vol. 31,
... -42(1436-1440), Sep. -Oct. 1968.

... DELO. RUSSIAN CAUSE. Issued by Pred-
... stvo rossijskikh emigrantov v Ameriko
... Immigrants' Representative Association
... trica). New York, vol. 10, no. 6(116), Aug. 1966.

... I DAGHESTAN [SOVIET DAGHESTAN]. Issued
... ianski obkom KPSS [Daghestan Province
... ittee of the CPSU], Makhachkala, vol. 4,
... 1), July 1968.

... DEPUTATOV TRUDJASHCHIKHISA [SOVIET
... WORKERS' DEPUTIES]. Issued by the Newspaper
... ita. Moscow, no. 9(135), Sep. 1968.

... NISTAN KOMMUNISTI [COMMUNIST OF TURK-
... TAN]. Organ of the Central Committee of the
... nist Party of Turkmenistan. Ashkhabad,
... 1968. [In Turkmen]

VENSKY. THE HERALD. Organ of Organizatsia chornoy
... chiv'ekhi svobodi Ukrainy [Organization for Defense
... of the Four Freedoms for the Ukraine, Inc.]. New
... York, vol. 12, no. 9(234), Sep. 1968.

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY
... OF THE CPSU]. Organ of Institut marksizma-leniniz-
... na pri TsK KPSS [Institute of Marxism-Leninism,
... Attached to the Central Committee of the CPSU].
... Moscow, no. 7, July 1968.

Table of contents translated:
Now documents. p. 3.

Stolesi, P. E. - The active forefront of the CPSU, on the
50th anniversary of the organization of the Com-
munist Party of the Ukraine. p. 7.

Grishin, V. M., Krichenko, M. I. - Problems of nation-
al and state construction in the first Soviet Constitu-
tion. p. 21.

Spirin, I. M., Shishkin, S. N. - On some questions in
the history of the CPSU during the civil war and
military intervention; in connection with the publica-
tion of the second book of the 3rd volume of "The
History of the CPSU." p. 35.

Akhmetov, A. R. - Guidance of the CPSU in the forma-
tion and development of the working class in Kazakh-
stan. p. 49.

Maradani, V. A. - International training of servicemen
in the Soviet Armed Forces; 1941-1945. p. 63.

Blank, A. S. - The Communist Party of Germany was
the organizer of the German antifascist struggle.
p. 74.

Zykov, A. R. - Party organizations on the construction
site of the East Siberian hydroelectric power sta-
tions. p. 84.

The total of province party organizations in the Central
region in 1918. p. 94.

Results on discussions about a revolutionary situation.
p. 109.

Kuznetsov, N. I. - Province confers of the Russian
Social Democratic Party between its second and
fourth Congresses. p. 122.

Monitor (of Lenin guards) 'G. M. Krzhizhakovskii:
review of personal collections in the Central Party
Archives of the Institute of Marxism-Leninism.
p. 125.

Documents and articles on the history of the CPSU and
the international communist and labor movement
published in May 1968. In periodicals, studies,
collections, and scholarly series. p. 142.

Towards the Lenin birth centenary. p. 147.

Millin, A. I., Ryzhkov, I. U. D., Chornov, A. B. -
A great heritage. p. 148.

Vasulov, M. V. - International conference dedicated to
party institutes. p. 154.

Brief news. p. 159.

ZNAMIA ROSSII: organ russkoi nezavisimoi monarkhi-
cheskoi mysli [THE BANNER OF RUSSIA: Organ of
Russian Independent Monarchistic Thought]. New
York, vol. 23, no. 293, Oct. 1968.

7. LAW

RUSSIA (1917-... R. S. F. S. R.) Vorkhovnyi Sud. Bulletin'
[Supreme Court. Bulletin]. Moscow, no. 9, 1968.

RUSSIA (1923-... U. S. S. R.) Ministerstvo vysshego i
... srednego spetsial'nogo obrazovaniia. Izvestiia vyssheikh
... uchebnykh zavedenii; pravovedeniio [Ministry of
... Higher and Secondary Specialized Education. Bulletin
... of the Institutions of Higher Learning; Jurisprudence].
... Leningrad, no. 6, Nov. -Dec. 1967.

Table of contents translated:

Kozlov, I. U. M. - Present-day problems in the develop-
ment of legal theory in the institutions of higher
education. p. 7.

Chirkov, V. E. - V. I. Lenin's theory of the democratic
dictatorship of the revolutionary people and our
time. p. 13.

Prokhorov, V. T. - Legal nature of social relations
relating to the participation of workers in adminis-
tration of industry. p. 23.

Konstantinov, L. F. - Legal regulation of public con-
trol. p. 34.

Basin, I. U. G. - Legal forms which regulate the in-
dependent business operations of socialist enter-
prises. p. 40.

Pokrovskaya, M. A. - Subjective differentiation in
Soviet labor law. p. 50.

Rozenberg, I. A. - Legal capacity and public repre-
sentation in civil procedure. p. 58.

Zakulskii, S. G. - Concept of vicious (atrocious)
crime. p. 65.

Kovrov, P. A., Smirnov, V. T. - Some legal problems
concerning the transshipment of imported goods in
seaports. p. 75.

Malinin, S. A. - International conventions on civil
liability for nuclear damage. p. 81.

Lukovskaya, D. I. - Methodology of the French "posi-

... Pozdnakov, A. N. - Reactionary nature of U. S. laws
on military discipline. p. 101.

Kask, L. I. - Importance of social sciences. p. 109.

Kaplunov, V. E. - Object of the land tenure rights of
collective farms. p. 113.

Belaeva, N. G. - The deputy groups of city soviets
prior to the adoption of the 1936 Constitution of the
U. S. S. R. p. 117.

Badueva, G. N. - Family law of the Republic of Malh.
p. 122.

Peka, I. U. A. - A jubilee practical and theoretical
conference of Leningrad lawyers. p. 145.

Ogarkov, I. F. - Some theoretical and practical
achievements of medical examiners on the eve of
the 50th anniversary of Soviet rule. p. 146.

No. 1, Jan. -Feb. 1968.

Table of contents translated:

Prozornov, N. S. - Development of the Marxist theory
of the socialist state by V. I. Lenin. p. 7.

Ivobzhimov, I. F. - Legal problems concerning the
development of the Soviet Armed Forces. p. 20.

Radzhabov, S. A. - The development of Soviet national
states in Central Asia. p. 25.

Ushakov, A. A. - The Great October Socialist Revolu-
tion and efforts to improve the language of Soviet
legislative enactments. p. 33.

Shargorodskii, M. D. - Determinism and responsi-
bility. p. 40.

Sobchak, A. A. - Some controversial problems in the
general theory of legal liability. p. 49.

Levin, B. R. - Legal characteristics of payments for
fixed assets and working capital. p. 58.

Kurylev, S. V. - Verity and probability in justice.
p. 63.

Kuzantsev, N. D. - History of the theory of Soviet
laws on land tenure and protection of nature. p. 75.

Kafandadze, A. M. - Theory of collective farm law
during the last 50 years. p. 84.

Pashmin, E. A. - Mediation as an important legal
means for the peaceful settlement of international
conflicts. p. 94.

Makarov, V. V. - Participation of defense counsels
in presentation of evidence in pretrial questioning.
p. 101.

Lovchenko, V. I. - Legal regulation of the work of the
employees of governmental agencies in Mexico.
p. 105.

Kel'der, V. P. - A discussion of problems relating to
the implementation and amendment of Soviet laws.
p. 120.

Khvatishvili, G. G. - Anniversary session of the depart-
ments of land tenure and collective farm law of
Leningrad and Moscow Universities. p. 130.

Artemova, V. N. - In the Institute of Philosophy and
Law of the Academy of Sciences of the White
Russian S. S. R. p. 133.

A classified index of articles published in the first
half of 1967 in the legal periodicals of European
socialist countries. p. 135.

SOTSIALISTICHESKAYA ZAKONNOST' [SOCIALIST LE-
GALITY]. Organ of Prokuratura SSSR and Vorkhov-
nyi Sud SSSR [Office of the Public Prosecutor of the
U. S. S. R. and the Supreme Court of the U. S. S. R.].
Moscow, no. 4, Apr. 1968.

Table of contents translated:

Shlapochnikov, A. - V. I. Lenin on socialist discipline.
p. 3.

Viktorov, D. - Criminal investigation apparatus of
the organs of protection of public order. p. 11.

Shtraev, I., Georgiev, L. - Some deficiencies of the
legal examination of accounts. p. 16.

Sukhodetski, K. - Delimitation of an attempt upon a
person's life and the infliction of a serious injury.
p. 22.

Samsonov, V., Delskin, M. - Public health centers
in the struggle against alcoholism. p. 27.

Perlov, I. - Recognition of an individual to be an
"especially dangerous recidivist." p. 32.

Kuznetsov, V. - Legal acts in the sphere of general
supervision by public prosecutors. p. 38.

Dorzhiev, V. - Should we divide the representatives of
the Soviet public in court sessions into "prosecu-
tors" and "defenders?" p. 44.

Laroslavskii, V. - Concept of the indictment. p. 46.

Sidorov, I. - "As a honest citizen, ..." p. 48.

Syrovalskaya, L. - Liability according to paragraph
"a", article 83 of the code of labor laws. p. 50.

Speranskii, K. - Characteristics of questioning in
juvenile delinquency cases. p. 51.

Kurdadze, M. - Conducting the experiments at court
sessions. p. 53.

Vishnevetskaya, N. - Let us examine the letters of
workers more thoroughly. p. 54.

Iakovlev, M., Kanevskii, L. - Efforts of the Bashkir
A. S. S. R. to prevent the involvement of minors to
participate in the criminal activities of adults.
p. 56.

Alokaashin, M. - Cooperation of local soviets and
public prosecution agencies in ensuring a strict
observance of socialist laws. p. 58.

Kupsov, V., Sekurov, N. - A methodological council
of the Province Court of the Crimea. p. 59.

- 2272

PHYSICAL CULTURE. Organ of Eesti füüsilise ja organisatsioonide Liit [Union of Physical Culture and Organizations of the Estonians]. Tallinn, vol. 20, nos. 11-17 (506-602), 1968. [In Estonian]

TRAKA [TRACK AND FIELD ATHLETICS]. *Trak*. Central Council of the Estonian Sports Societies and Organizations of the Estonians. Moscow, vol. 14, no. 8 (160), Aug. 1968.

ISSUED BY LATVIJAS PSR Sporta biedrība [Latvian Sports Federation]. Union of Physical Culture and Sports Societies and Organizations of the Latvians. Riga, vol. 10, no. 221, Apr.-Aug. 1968. [In Latvian]

CHESSE [CHESS IN THE U.S.S.R.]. Organ of the Chess Federation of the U.S.S.R. Moscow, nos. 8-9, Aug.-Sep. 1968.

CHESSE BULLETIN. *Chess Bulletin*. Union of Physical Culture and Sports Societies and Organizations of the U.S.S.R. Moscow, vol. 14, no. 221, Apr.-Aug. 1968.

SPORTS IN THE U.S.S.R.. Issued by the "Sovetskii Sport" ["Soviet Union"]. Moscow, vol. 10, no. 10 (7-48), 1968.

SPORTS LIFE IN RUSSIA. *Sport in Russia*. Union of Physical Culture and Sports Societies and Organizations of the U.S.S.R. Moscow, vol. 12, no. 8, 1968.

ATHLETIC GAMES. Organ of the Association of Physical Culture and Sports Societies and Organizations of the U.S.S.R. Moscow, vol. 14, nos. 8-9 (150-160), Aug.-Sep. 1968.

EATER & MOTION PICTURES

a. MOTION PICTURES

KINEMA [CINEMA NEWS]. Kiev, no. 9.

b. MUSIC

MUSICAL LIFE. Moscow, nos. 8-9, 1968.

MUSICAL LIFE. Organ of the Union of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R. Moscow, vol. 25 (9), Sep. 1968.

SOVIET MUSIC. Organ of the Union of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R. Moscow, vol. 25 (9), Sep. 1968.

CONTENTS TRANSLATED:
B. - and others. - History and modern music. p. 24.
M. - And once again interesting meeting. p. 24.
N. - The succession of generations.

M. - Finding a homeland. p. 37.
Rozovskii, V. - Portrait of a singer.

- Rust Mansurov on the podium. p. 40.
- The path of "Tremblant." p. 40.
- In the world of Sofronitskii. p. 52.
Piano recitals. p. 58.
- Notwithstanding "conditions of existence." p. 62.

- Mozart is heard. p. 85.
D. Kosachova, R. - Young laureates.

- The anniversary of a French composer.

An evening of Soviet music. p. 88.
The poetry of sentiments. p. 88.
P. A. - Rozhdetsvenskaya, N. P. - Soviet folk about S. V. Rachmaninoff. p. 71.
- Monuments of Russian culture.

A. - Bertenson, S. L., Dobuzhinskii, and others. - Memoirs. p. 79.
- and others. - Materials for creative work. p. 87.

- Music and the imagination. p. 108.
- Mahler's time has come. p. 113.
Warsaw melodies. p. 118.
- The artisan. p. 122.

Interviews with E. Suchan and L. W. Henze. p. 130.
Kokorin, S. - Our guests. p. 133.

c. THEATER

KLUB I KHUOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoyuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 18, nos. 16-17, Aug.-Sep. 1968.

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 9 (32), Sep. 1968.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol. 11, no. 17 (243), Sep. 1968.

10. FINE ARTS

a. GENERAL

KHUDOZHNIK [ARTIST]. Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, vol. 10, no. 8, 1968.

MAKSLA [ART]. Issued by Latvijas Padomju makslinieku, arhitektu, komponistu, kinematografistu darbinieku savieniba and Teatra biedrība [Association of Artists, Architects, Composers, Motion-Picture Workers and the Theater Society]. Riga, nos. 2-3 (38-39), 1968. [In Latvian]

NOTATKY Z NYSTETSTVA. UKRAINIAN ART DIGEST. Issued by Ob'ednana mysliv ukrainskykh v Amerytsi [Ukrainian Artists Association in U.S.A.]. Philadelphia, no. 7, July 1968.

TVORCHESTVO [CREATIVE WORK]. Issued by Soluz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, vol. 12, nos. 8-9 (40-41), 1968.

b. ARCHITECTURE

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet po delam stroitel'stva Ukrainanskoi SSR and Soluz arkhitektov Ukrainy [State Committee for Construction in the Ukrainian S.S.R. and the Association of Architects of the Ukraine]. Kiev, vol. 10, no. 7, July 1968.

Table of contents translated:
On the eve of the conference of city builders. p. 1.
Akhmerov, I. A., Tkachenko, A. A. - General reconstruction of Kharkov. p. 3.
Bogatskii, G. F. - City center and the automobile. p. 5.
Kofanikova, E. P. - Organization of transportation to recreational areas in suburban zones. p. 7.
Volga, V. S., Volga, N. S. - Space organization in future cities. p. 9.
Lubitskii, I. A. - Optimal cities, cities of pedestrians. p. 13.

Evdokimov, N. P. - The future of our cities. p. 15.
Molodtsov, D. N. - Use of electronic computers for the optimization of apartment design features. p. 20.

Rakhuba, A. S., Volkovskii, N. P. - New health resort region "Goluboi zaliv." p. 28.
Zaritskii, Kh. A., Mikhlin, I. K., Matusevich, V. G. - Hygienic conditions of high-rise residential buildings. p. 30.

Zgoritskii, D. I., Koval', V. S. - Hip panels in the construction of city bridges. p. 32.
Belogub, V. D., Vasil'ev, G. P. - Memorial complex in the village of Sokolovo. p. 33.

Project 68. Kievproekt Institute. p. 34.
Kovaleva, B. M. - Increase the responsibility of the customer for the quality of housing and municipal construction. p. 37.

Gerasimenko, A. I. - Source of knowledge and experience. p. 38.
Chapeltik, V. V. - Ukrainian architecture in the post-revolutionary period. p. 40.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Issued by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiaschikhkhov [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 17, no. 7, July 1968.

Table of contents translated:
Shvalov, R., and others. - Comprehensive management of the construction industry in Moscow. p. 1.
Ludskovskii, I. - More about suspended structures for public buildings. p. 4.
Sokolov, V. - Construction and reconstruction in the area of Stetskaya Plaza. p. 8.
Nekrasov, V. - Remove obstacles hindering the use of monolithic reinforced concrete. p. 12.

Pershin, M. - Hotel "Mir". p. 14.
Sobolev, V., and others. - France with concrete joints. p. 18.
Gnedovskii, I. U. - Competition for a children's movie theater project. p. 22.
Ilich, D., Kurnakov, I. - Grayvorosovo, a new large residential development of the capital. p. 30.
Fershter, V. - For high precision in assembling enclosing members. p. 34.
Dyachovskii, I. U. - Some new trends in the construction of high-rise buildings. p. 36.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol. 11, nos. 8-9, Aug.-Sep. 1968. [In Estonian]

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKO-ZNANIU [NEW FOREIGN LITERATURE ON LINGUISTICS]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-6, 7, 1968.

RUSSKII IAZYK V Natsional'noi shkole [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, no. 5, Sep.-Oct. 1968.

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Issued by Ministerstvo prosvetsheniya RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 1, 4, Jan.-Feb., July-Aug. 1968.

SLAVYANSKAIA FILOLOGIA [SLAVIC PHILOLOGY]. Issued by Kafedra slavyanskikh yazykov and Kafedra teorii literatur zapadnykh i vostochnykh slavianskikh universitetov [Department of Slavic Languages and the Department of the History of the Literatures of Western and Southern Slavs of the Moscow University]. Moscow, no. 8, 1968.

Table of contents translated:
Shirokova, A. O. - Origin and development of marked iterative verbs in the history of the Czech language. p. 3.

Borodich, V. V. - Significance of the simple past tense in modern literary Bulgarian. p. 78.
Kuznetsova, R. R. - Artistic embodiment of social problems in the ballad novels of Karel May in the 1930's. p. 87.

Tsybenko, E. Z. - Boleslav Prus's novel "The doll." p. 115.

Pisarov, A. A. - Problem of character in I. Nowerly's novel "Under the Phrygian star." p. 168.
Kholodna, Z. M. - Postwar poetry of Julian Tuwim (1940-1953). p. 182.

UKRAINS'KA MOVA I LITERATURA V SHKOLII [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]. Issued by Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 18, nos. 8-9, June, Aug.-Sep. 1968.

b. LITERATURE & FOLKLORE

ALA-TOO; HODOTARNO-KHUDOZHESTVENNYI I obshchestvenno-politicheskiy zhurnal [ALA-TOO; Literary and Sociopolitical Magazine]. Organ of Soluz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S.S.R.]. Frunze, vol. 37, no. 8, Aug. 1968. [In Kirgiz]

BAIGAL [BAIKAL]. Umm-Ude, no. 4, July-Aug. 1968. [In Buryat]

DAI'NI VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soluz pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the U.S.S.R.]. Khabarovsk, vol. 38, no. 4, July-Aug. 1968.

DNIPRO [DNEPER]. Organ of Tsentral'nyi komitet Leninskogo komunisticheskogo soluzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 42, no. 9, Sep. 1968.

DON. Organ of Soluz pisatelei RSFSR and Rostovskoe otdelenie Soluz pisatelei [Association of Writers of the R.S.F.S.R. and the Rostov Branch of the Association of Writers]. Rostov-on-Don, vol. 12, no. 9, Sep. 1968.

DROSHA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tbilisi, nos. 7-8, 1968. [In Georgian]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 30, nos. 2-3, 1968.

GULISTON [ROSE GARDEN]. Issued by Uzbekistan Kompartiyasi Markaziy Komiteti [Central Committee of the Communist Party of the Uzbek S.S.R.]. Tashkent, no. 5(17), May 1968. [In Uzbek]

IUNOST' [YOUTH]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 14, no. 9(160), Sep. 1968.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Soviet Latvia]. Riga, nos. 7-9, 1968. [In Latvian]

LITERATURNAYA ARMENIA [LITERARY ARMENIA]. Organ of Pravlenie Soluza pisatelei Armenii [Administration of the Association of Writers of Armenia]. Eriwan, vol. 10, no. 7, July 1968.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S.S.R.]. Tallinn, nos. 6-9, June-Sep. 1968. [In Estonian]

MOKSHA; Literaturno-khudozhestvennyi i obshchestvenno-politicheskiy zhurnal [MOKSHA; Literary and Socio-political Almanac]. Saransk, no. 8, Nov.-Dec. 1967, nos. 1-4, Jan.-Aug. 1968. [In Mordvin]

MOLODAIA GVARDIYA; Literaturno-khudozhestvennyi i obshchestvenno-politicheskiy zhurnal [YOUNG GUARD; Literary and Socio-political Magazine]. Issued by Tsentral'nyi komitet Vsesoyuznogo Leninskogo kommunisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1968.

MOLOT [HAMMER]. Organ of the Association of Writers of the Moldavi A.S.S.R. Izhevsk, vol. 42, no. 12, Dec. 1967, nos. 1-2, Jan.-Feb.; vol. 43, nos. 3-9, Mar.-Sep. 1968.

MOSKVA [MOSCOW]. Organ of Soluz pisatelei RSFSR and Moskovskoe otdelenie Soluza pisatelei RSFSR [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.]. Moscow, vol. 12, no. 9, 1968.

NISTRU [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 37, no. 9, 1968. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, 1968.

NOVAIA SOVETSKAYA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, 1968.

ONCHYKO [FORWARD]. Organ of the Association of Writers of the Mari A.S.S.R. Izhmari, nos. 1-4, Jan.-Aug. 1968.

PERGALE [THE VICTORY]. Organ of Lietuvos TSR rašytojų sąjunga [Association of Writers of the Lithuanian S.S.R.]. Vilnius, nos. 7-8, 1968. [In Lithuanian]

POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soluza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no. 4, July-Aug. 1968.

POLYMIA [FLAME]. Organ of Soluz pisatelei SSSR [Association of Writers of the White Russian S.S.R.]. Minsk, nos. 8-9(472-473), Aug.-Sep. 1968.

PRAPOR; Literaturno-khudozhestvennyi i tovarishko-politicheskiy zhurnal [BANNER; Literary and Socio-political Magazine]. Issued by Spilka pys'movykh Ukrainy [Association of Writers of the Ukraine]. Kiev, no. 8, 1968.

PUNALIPPU [THE RED BANNER]. Issued by Soluz pisatelei Kareli A.S.S.R. [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, no. 4, 1968. [In Finnish]

RADUGA [THE RAINBOW]. Organ of Pravlenie Soluza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol. 18, nos. 9-10, Sep.-Oct. 1968.

SHARQ IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 36, no. 8, 1968. [In Uzbek]

SOVET EDERBATY [SOVIET LITERATURE]. Organ of Soluz sovetstikh pisatelei TSSR [Association of Soviet Writers of the Turkmen S.S.R.]. Ashkhabad, no. 7, July 1968. [In Turkmen]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Eriwan, no. 5-8, 1968. [In Armenian]

URAL. Issued by Sverdlovskoe otdelenie Soluza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, vol. 11, no. 8, Aug. 1968.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'men-nikov Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 36, no. 9, Sep. 1968.

VOIVVY KODZUV [NORTHERN STAR]. Organ of Soluz pisatelei Komi ASSR [Association of Writers of the Komi A.S.S.R.]. Syktyvkar, no. 12, Dec. 1967; nos. 1-9, Jan.-Sep. 1968. [In Komi]

VOLGA. Organ of Pravlenie Soluza pisatelei RSFSR and Saratovskoe otdelenie Soluza pisatelei RSFSR [Administration of the Association of Writers of the R.S.F.S.R. and the Saratov Branch of the Association of Writers of the R.S.F.S.R.]. Saratov, vol. 3, no. 8, Aug. 1968.

VOZROZHDENIE [RENAISSANCE]. Paris, no. 200, Aug. 1968.

ZHIVTEN' [OCTOBER]. Organ of Spilka pys'menikov Ukrainy [Association of Writers of the Ukraine]. Lvov, nos. 7-9, 1968.

ZHULDYZ [STAR]. Issued by Soluz sovetstikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 9, 1968. [In Kazakh]

ZNAMIA [THE BANNER]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, nos. 5-8, May-Sep. 1968.

ZVIZDZA [THE STAR]. Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, nos. 4-8, 1968.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soluz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 30, no. 8, 1968.

12. GEOGRAPHY & GEOLOGY

6. GEOGRAPHY

AKADEMIYA NAUK SSSR. Sibirovskoe otdelenie. Institut geografii Sibiri i Dal'nego Vostoka. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of the Geography of Siberia and the Far East. Reports]. Irkutsk, no. 14, 1967.

Table of contents translated:
Sochava, V. G., and others. - Over-all ordination method in the study of landforms and in biogeography. p. 3.

Krawdzis, A., and others. - Seasonal rhythm of the dark-green conifer taiga in the lower Angara Valley. p. 18.

Imvorski, L. N., and others. - Some results of and prospects for the study of present-day geomorphological processes at the regional stations of the Institute of Geography of Siberia and the Far East and the Siberian Branch of the Academy of Sciences of the U.S.S.R. p. 34.

Kolomoys, E. G. - Landform characteristics of the evolution of snow cover mounds in the central regions of the Western Siberian taiga. p. 40.

Mart'yanov, G. M. - A study of the radiation cycle of Transbaikalian steppe regions. p. 52.

Prish, E. V. - Experience in using physical and chemical data for the description of landform structures. p. 69.

Snytko, V. A. - Geochemistry of dark green conifer facies in the southern taiga of central Siberia. p. 70.

Volosinikov, V. A. - Cryogenic sliding of earth in the Angara Valley. p. 70.

Lavrina, M. - Experience in the mapping of intralacustrine variations. p. 83.

Table of contents translated:
Snytko, V. A. - Landform and geochemical characteristics of the principal geological systems of the Oren-Angara Steppe. p. 3.

Shotski, V. P. - Humidness of the taiga belt in

Western Siberia and its relation to the total type of physiogeographical environment. p. 8.

Larina, N. M. - Use of land in the Srednisk District of Chita Province. p. 18.

Kollago, S. A., Bychkov, V. I. - Studying special features of some soils in the steppe regions of Transbaikalia. p. 25.

Tugarin, P. A., Seledisova, G. A. - Biological characteristics and parasitic fauna of fishes in the central part of the Ob' River (the Surgut-Syminino region). p. 30.

Reznikov, A. P., Kukushkina, V. P., Drushin, I. P. - Using the "DVOIS," a deterministic and probabilistic self-feeding informational system, in the prognostication of river runoff. p. 35.

Kugulovskis, J., Lioopo, T. N. - Establishment of the principal factors of complex relations in geographical studies by the methods of mathematical statistics. p. 41.

Preobrazhenskii, A. I. - New methods in mapping the distribution of special branches of industry. p. 48.

Rykov, V. I. - Special features of the formation of regions of close production contacts in the zone of reclamation of land in Eastern Siberia. p. 55.

Taranenko, M. A. - Prospects for the development and distribution of the mineral fertilizer industry in Eastern Siberia. p. 65.

Naumov, L. G. - Group forms of settlement in Chita Province. p. 72.

No. 16, 1967.

Table of contents translated:
Vorob'ev, V. V. - Triumph of the Leninist policy in the development of the formerly underdeveloped regions of national minorities in Siberia and the Far East. p. 3.

Krol'ov, V. A. - Achievements of the socialist system of distribution of productive forces and the geography of industry in Siberia and the Far East. p. 10.

Sochava, V. G. - Studying the structure and dynamics of landforms and the geographical problems of the future. p. 18.

Krawdzis, A. A. - Experience in alluvial study of the structure of landforms based on the example of the lower Angara Valley. p. 32.

Drushin, N. P. - Reestablishing the role of the different species of grasses of slope biogeocenoses. p. 42.

Prokhorov, N. B. - Experience in the macrogeographical study of territorial units. p. 60.

Kosmachov, K. P. - Problems in the quantitative evaluation of concrete local conditions. p. 53.

Dul'ni, I. U. M. - Special aspects of the distribution of building material emporiums in Eastern Siberia. p. 60.

Misevich, K. N. - Economic types of the distribution of the population in the Khanty-Mansi National Area. p. 72.

Goldenberg, L. A. - 325th anniversary of the birth of S. U. Romozov, an outstanding Siberian cartographer and geographer, 1841/42-after 1720. p. 87.

Galka, V. F. - Institute of Geography of Siberia and the Far East, January 1968-October 1967. p. 88.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Uzbekskoe otdelenie. Izvestiya [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Uzbekistan Branch. Bulletin]. Tashkent, vol. 6, 1967.

Table of contents translated:
Galkov, Ch. V., Shvel'ov, V. A. - Problem concerning the compilation of comprehensive atlases of the Union republics; based on the example of the atlas of the Uzbek S.S.R. p. 5.

Vinogradov, I. U. S., Golubeva, V. V. - Conditions which caused the overflow of rivers in the western Tien Shan in 1959. p. 12.

Suzlov, V. F. - Some morphological characteristics of and trends in the development of glaciation in the region of the Fedchenko Glacier. p. 21.

Dneprov, S. A. - Geomorphological mapping by the combined method of geomorphological analysis and the establishment of landform regions. p. 23.

Us'ev, A. A. - Geomorphological structure of the lower Keesanay Valley. p. 34.

Mikhaev, M. I. U. - Some geomorphological problems concerning the placers of the northern slope of the Nuratau Mountains. p. 46.

Us'ev, N. P. - The origin of karst forms in clay. p. 62.

Poplavskaya, O. I. U. - A way to show the recent tectonic movements. p. 58.

Shneer, I. A. - Application of the theory of gravitation to the problem of settled settlements. p. 64.

Zamkov, O. K. - Some current problems in the comprehensive geographical study of agriculture and natural conditions. p. 71.

Raimov, T. - Some characteristics of the micro-geography of Tashkent. p. 74.

Tashbekov, R. - The population of Tashkent in the census years. p. 85.

Khasanov, Kh. Kh. - A geographer and philologist of the fifth century from Central Asia. p. 91.

Geographical study of the Kyzyl Kum with regard to its toponymics. p. 101.

1. - Glacier tongues in the deglaciation p. 110.

A. A. Kuvshinov, V. G. - Some new data on the glaciation of the Pskem Valley. p. 113.

Kh. - Salinization of land in southern Kazakhstan and measures for its p. 120.

F. A. - Soil erosion in the foothill regions of western Kazakhstan. p. 124.

A. V. - Anomalous meteorological events in 1958. p. 129.

E. E. - Karst processes in the lower Pskem Valley. p. 138.

T. E. - Some information on the karst of the Dzhankent Mountains. p. 142.

G. I. and others. - Operating patterns in the Karst formations of the Pskem Valley with such formations in western Kazakhstan. p. 144.

M. - Zoogeographical description of the fauna of the northern Tien Shan. p. 145.

G. F. Ulkina, N. G. - Archaeological excavations in the Kaskha Darya and Zhetysayn p. 147.

Kh. Kh. - Three maps relating to a) - p. 150.

O. H. - Where is the Iron Gate located? p. 151.

In the work of the Uzbekistan Branch of the All-Union Society of the U.S.S.R. in 1957-1959. p. 152.

on the geographical names of Uzbekistan. p. 153.

A. A., Donskova, V. N., Skvortsova, I. N. - on his 70th birthday and the 50th anniversary of his scientific work and public service. p. 154.

N. V. - Nikolai Grigor'evich Tsapenko; on his birthday. p. 155.

V. SHKOLE (GEOGRAPHY IN SCHOOLS). Ministry of Prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, - Oct. 1958.

ARKTICHESKII I ANTAKTICHESKII ISSLEDOVATELSKII INSTITUT. Truly and Antarctic Scientific Research Institute. [Transactions]. Vol. 204, 1958. Radiometric methods of the study of the Arctic Ocean and of contents translation:

V. M. - Calculation of the sound field in the ocean. p. 5.

V. I. - Approximate solution of the problem of the sound field in the ocean with anisotropic media. p. 10.

V. I. - Use of equations of higher orders in the calculation of the sound field in the ocean with anisotropic media. p. 12.

V. I. - One of the methods of calculation in a layered medium. p. 14.

V. - Generator of short pulses of a traveling wave. p. 16.

M. A. - Some statistical characteristics of the thickness of oil ice. p. 17.

V. A. - Thermal ratio of the radiation of ice cover in the 3-10 cm range. p. 18.

S. G. - Influence of the roughness of the water boundaries on the effectiveness of the interference methods of the determination of the thickness of ice. p. 19.

L. I. - Absolute spectral luminance of the sun and the surface of the nearest region of the spectrum. p. 100.

K. I., V. V., Molkov, E. I. - Statistical characteristics of signals from water surfaces and underwater formations recorded by acoustometric methods from airplanes. p. 102.

S. S., Luchinov, V. S. - Electric characteristics of ice. p. 115.

P. I. - Apparatus and methodology for remote measurements of statistical characteristics of waves of sea medium and waves. p. 120.

G. S. - Practice in using photoelectric filters for the study of turbulent diffusion in the sea. p. 132.

G. I. - Equations of the statistical relationships of the fluctuation of a hydrodynamic sea medium and mean hydrology in the underdeveloped turbulence. p. 138.

P. - System for measuring water temperature in semi-submerged buoy and radio transmission of information. p. 140.

V. M. - Characteristics of the structure of the sea in an anticyclonic eddy.

Galkin, O. P., Selin, E. A. - On one method of blasting a charge at a given depth. p. 164.

Furduyev, A. V. - Turbulence as the source of noise in the ocean. p. 169.

Barakalov, A. N. - Modeling of the propagation of sound in the sea. p. 174.

Andreeva, I. B., Khat'ina, E. G. - Scattering of sound from the surface of the ocean and water the column adjacent to it. p. 182.

Donskova, E. A. - Measuring the value of electric field in the sea on three mutually perpendicular bases. p. 188.

Paramonov, A. N., and others. - Tolemetric system of measuring the transparency of sea waters and the possibility of using it for oceanographic studies. p. 192.

Neumin, G. G., Anikin, I. U. A., Sorokina, N. A. - Natural underwater illumination in the Black Sea and Atlantic Ocean. p. 202.

Kalozhnev, M. N., Neumin, G. G. - Automatic sea polarization and practice in its application. p. 208.

VOKRUG SVETA [AROUND THE WORLD]. Issued by Tsentralfnyy komitet Vsesoyuznogo komsomolskogo kommunistskogo zdruzeniya mlodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1958.

VOPROSY GEOGRAFIY KAMCHATKI [PROBLEMS OF THE GEOGRAPHY OF KAMCHATKA]. Issued by Kamchatskiy otdel Geograficheskogo obshchestva SSSR pri Akademii nauk SSSR [Kamchatka Branch of the Geographical Society of the U.S.S.R.]. Attached to the Academy of Sciences of the U.S.S.R. Petro-pavlovsk-Kamchatskiy, no. 5, 1957. Problems in the geography of Kamchatka.

Table of contents translated:

Kuzkov, K. G. - Kamchatka during the Soviet regime. p. 3.

Lapinov, L. I. - Development of theoretical studies on history problems in Kamchatka. p. 37.

Nikol'skiy, S. I. - Soviet volcanology. p. 32.

Savatev, D. E. - Geological studies in Kamchatka during the Soviet regime. p. 29.

Lipovskiy, A. V., Puzov, V. M. - Present-day work of hydrogeological stations in Kamchatka and its further development. p. 35.

Vologodskiy, V. N., Ulkina, V. P. - Results of an expedition to Koinandoy Bay. p. 43.

Krasnov, I. T. - Eruption of the B. I. Pili lateral craters of Klychevskaya Volcano. p. 53.

Apel'kov, S. E. and others. - New data on the mineral resources of the Koz'yevskiy Range. p. 60.

Ogorodov, N. V., Koz'mitskiy, N. N. - Volcanoes of the Srednyy Range in Kamchatka. p. 67.

Brusilov, G. A. - Geomorphological structure of the Central Kamchatka Depression and some problems of neotectonics. p. 74.

Mel'nikov, I. V. - Characteristics of some tectonic-forming processes of the new volcanic regions. Based on the example of Kamchatka. p. 60.

Vologodskiy, V. N. - Effect of volcanism on snow fields and glaciers. p. 88.

Agal'kov, V. S. - Characteristics of atmospheric processes over the spaces of Far East seas and the adjoining regions of the Asiatic continent. p. 95.

Shchegolev, V. A. - Spruce forests in Kamchatka. p. 103.

Pirman, I. B. - Fluctuations in numbers of herring and salmon in the waters of Kamchatka's western seashore. p. 110.

Kuzkov, V. P. - Some geographical names in the area between the Bityr and Olyutorskiy Peninsulas. p. 117.

Sel'nykh, M. P. - Firn covers among the Lamula. p. 122.

Kerzhnitskiy, I. N. - Overall utilization of Kamchatka's natural resources. p. 124.

Apel'kov, S. E., Shchegolev, V. S., Stepanov, M. M. - Stratigraphy of Quaternary volcanic rocks in Kamchatka. p. 126.

Krasovskiy, T. S. - New data on the age of recent pumice formations in the Koryul'skoye Lake region. p. 128.

Stratula, D. S., Starikovskiy, B. V. - Some traces of Quaternary glaciation and transgression processes of the sea reformed on Shikhotan Island. p. 129.

Demidov, N. T. - History of the development of relief in the Kakhina and Palana interfluvium. p. 133.

Kudusov, E. A. - Experience in using the geomorphological method in the determination of present-day vertical tectonic movements. p. 135.

Gorshkov, A. P. - Thermal phenomena on Bol'shoy Vityuy Lake. p. 140.

Drail'skiy, G. A., Evteera, I. S. - History of the spruce and fir in Kamchatka during the Quaternary period. p. 144.

Turkov, V. G. - Kamchatkan fir is a botanical enigma of this peninsula. p. 145.

Gribov, P. F. - Habitat of the lynx on the Kamchatka Peninsula. p. 149.

Kuznetsov, I. I., Makarov, R. R. - Biology of the Kamchatkan mysidae. p. 152.

Ostrovskiy, A. G. - The number of Pacific sea eagles in the Khayryuzovaya and Belogolovaya Valleys in late August of 1956. p. 155.

Nikulin, P. G. - A new breeding ground of fur seals on the northwestern cape of Bering Island. p. 158.

Ostrovskiy, A. G. - Some data on the number of Pinnipeds the phoca largha and ringed seal to the littoral waters of Kamchatka. p. 161.

Chupunkov, D. I. - Experience in keeping a young phoca largha in captivity. p. 164.

Pitgin, V. I. - Size of the herd of sea otters in southern Kamchatka. p. 167.

Nikol'skiy, S. I. - New data on the habitat of the aleptraus. p. 168.

Krasnov, I. T. - Natural phenomena, which preceded and accompanied the eruption of the B. I. Pili lateral craters. p. 171.

Blazhenov, P. M. - Three natural phenomena. p. 173.

Blazhenov, P. M. - Anomalies in the egg yield of herring. p. 178.

Prokofyev, V. G. - A Pacific polar shark in Kamchatka's waters. p. 178.

Nesterov, G. A. - Discovery of a fragment of a sea cow's skull. p. 179.

Markhinin, E. K. - Major historical eruption in Kamchatka. p. 180.

Moroz, I. T. - New manifestations of copper ores in Kamchatka. p. 181.

Shchegolev, L. T. - Reconstitution of the riverine system of the northern Oklan Plateau. p. 183.

Grigortan, N. G. - Hot springs near the village of Esso and some problems concerning their use. p. 184.

Agal'kov, V. S. - Survey of snow cover on the northern slope of the Klychevskaya group of volcanoes. p. 185.

Petrilov, I. I. - In memory of M. A. Sergeev. p. 188.

Kamchatkan Branch of the Geographical Society in 1956. p. 190.

Conference on the correlation of tectonics and magmatism. p. 192.

Conference on volcanic glass. p. 194.

GEOLOGY & PALEONTOLOGY

AKADEMIYA NAUK AZERBAIJANSSKOI SSR, Baku. Izvestiya. Seriya nauk o zemle [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Earth Sciences]. Baku, no. 1, 1958.

Table of contents translated:

Kashl'kov, A. G., Ali-zade, A. A. - Stratigraphic division of the Upper Cretaceous of Kolyetan in the light of new data. p. 3.

Makhlov, S. F., Goralov, P. A. - Role of endogenous water in sediments of producing layer. p. 12.

Nakhmudov, R. A. - Distribution of oil in the Sub-Kirman series in the Dinnagdy, Chakhnaghar, and Sulape deposits. p. 20.

Ishchuk, M. Z., Akhmedov, A. R. - Sulfate content of formation waters of deep oil, gas, and condensate pools. p. 25.

Mazanov, O. D. - Series of the formation of various morphological types of ore bodies in the southern slope of the Greater Caucasus. p. 36.

Mamedov, Sh. N., Mukhtarov, G. G. - Analysis of systems of filling with slope filling and the effectiveness of their application. p. 43.

Azizbekova, A. I. - Lithologies of Kona sediments of the Nakhichevan Trough. p. 57.

Musafazade, R. V. - Application of the "accelerated atom-volcanic" method for the weight expression of the quantitative change of substance in mafasomato-sia. p. 61.

Aliev, M. T., Alekperov, S. I. - Self-modulation solution of problems of oil flooding in a nonuniform layer with water-oil mixture. p. 68.

Kuliev, S. M., and others. - Resistance of rocks to breakdown in drilling. p. 76.

Development of transportation in Nagorno-Karabakh Autonomous Province. p. 81.

Nazarova, R. G., Kuliev, A. E. - Effect of the size of the chisel on the concentration of well cuttings. p. 85.

Ragimov, O. P., and others. - Transition of gas from saturated oils into the water phase and its effect on the physical properties of fluids. p. 92.

Grigortan, N. G., Turanov, T. I., Gasanbala, M. S. - Tectonic bit with increased contact surface. p. 97.

Shikhinbekova, D. E., Akhmedov, S. A. - Study of the coefficient of some local resistances in the movement of paraffin petroleum. p. 103.

Shirlov, N. Sh., Tanyrdiev, Kh. K. - Stratigraphic and age division of continental formations in the Akra and Bazarchal basins. p. 110.

Bakhmalov, F. O. - Calculation of the circulation of waters from some types of storms in the northern Caspian. p. 120.

Tarverdev, H. B. - Process of filling and mud accumulation of Mingechaur Reservoir. p. 127.

Iuzhashev, R. M. - Some characteristics of the toponymics of Azerbaijan. p. 134.

Dabaev, H. G. - Report on the 2d Symposium on the Study of Fossil Corals of the U.S.S.R. p. 142.

AKADEMIYA NAUK KAZAKHSTANSKOI SSR, Alma-Ata. Izvestiya. Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Geological Series]. Alma-Ata, vol. 25, no. 1, Jan. - Feb. 1958.

Table of contents translated:

Salmibaev, A. S., and others. - Comparison of prospecting and exploitation data of the Sokolov quarry. p. 1.

Effimov, I. A. - Stratigraphy and tectonics of the metamorphism of rocks of the Lower Precambrian of the Kokchetav block. p. 10.

Gadzh, D. N. - Lithogenic types of Palaeozoic flyschite rocks of the Kalba structural-laccolite zone. p. 24.

Rudenko, B. M. - Some characteristics of the distribu-

- tion of copper mineralization in the western greenstone zone of the Nodoghar Hills. p. 38.
- Kaluzhskaya, M. M., Mikhaleva, N. M. - Mineralogy of the Alaga deposits. p. 47.
- Kazmin, V. N. - Distribution of copper and zinc in igneous rocks in the northeastern part of the Balkhash Lake region. p. 57.
- Shapiro, S. M., Solov'ev, I. U. A., Altunov, T. A. - Regime of interstitial underground waters of the Sayak syncline. p. 64.
- Shilov, L. I., Matveev, V. S., Shilov, V. I. - Possibility of the utilization of stable lead isotopes in prospecting for lead-zinc deposits in the Karatau. p. 74.
- Diarov, A. B. - Geology of the Taskara gold-silver deposit. p. 76.
- Shlygin, A. E. - Metasomatic alterations. p. 78.
- Novikova, I. P., Kalinin, S. K., Zamiatka, G. M. - Content of germanium in igneous and altered rocks of Kazakhstan. p. 81.
- Kushev, G. L., and others. - State and further development of research and prospecting for solid combustible minerals in the U.S.S.R. p. 86.
- AKADEMIYA NAUK SSSR. Izvestiya. Seriya geologicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, no. 6, June, 1968.
- Table of contents translated:
- Tikhonov, V. V. - Main trends in the development of stratigraphy, lithology, and tectonics in the U.S.S.R. 1917-1967. p. 3.
- Aleksandrov, K. S., and others. - Anisotropy of elastic properties of rocks. p. 17.
- Chikhrov, F. V., and others. - Chrysocolla. p. 20.
- Ermentov, V. P., Pavlov, N. V., Sibelev, A. K. - Chromite mineralization of the ultrabasic belts of Tuva. p. 45.
- Kaminski, F. V., and others. - Finds of silicon carbide in natural environments and their genetic significance. p. 57.
- Gusova, A. M., Fajergaard, L. A., Chakhmakchev, V. A. - Change in the composition of oils in enrichment by sulfur. p. 67.
- Baburkova, N. I., Musil, S. A. - Introduction of a unified terminology for microcomponents of lignites. p. 74.
- Krasnov, V. V. - Stratigraphy and correlation of the sediments of the Wendian complex in the eastern margin of the Russian Platform. p. 86.
- Chekin, S. S. - Age of the ancient weathering surface of the Irkutsk orophyte. p. 104.
- Deludenko, M. P., Smirnov, T. S. I. - Cretaceous flora of Georgia and the boundary between the Middle and Upper Jurassic. p. 119.
- Kumov, I. L. - Relationship of accessory elements in granulites. p. 132.
- Literature on geology received by the Library of the Department of Earth Sciences of the Academy of Sciences of the U.S.S.R. in March 1968. p. 145.
- REFERATIVNIYI ZHURNAL: GEOLOGIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 9, Sep. 1968.
- AKADEMIYA NAUK SSSR. Komitet, Syktyvkar. Institut geologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Komitet Branch. Institute of Geology. Transactions]. Syktyvkar, no. 6, 1967. Biostatigraphy of the Paleozoic of the northeastern part of the European U.S.S.R.
- Table of contents translated:
- Tsygacko, V. S. - New representatives of tetradactyl corals from the Middle Devonian of the Northern Urals. p. 5.
- Kalashnikov, N. V. - Vertical distribution of Brachiopoda in the Lower Carboniferous of the Northern Urals and Ural Mountain region. p. 14.
- Mikhailova, Z. P. - Upper Carboniferous Fusulinidae of the Chernyshev range and the western slope of the Northern Urals. p. 29.
- Echlova, I. A. - Some ferns from Permian sediments of the Pechora region of the Ural Mountain region. p. 56.
- Melin, V. A., Mikhaleva, M. I. - Palynological characteristics of Ufa sediments in the western part of the Timan Range region. p. 77.
- AKADEMIYA NAUK SSSR. Sibirskoe otdeleniye. Institut geologii i geofiziki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transactions]. Novosibirsk, no. 48, 1968.
- Table of contents translated:
- Vavilov, M. N. - New data on the stratigraphy and ammonites of the Indian stage in the western part of the Vorkhaysk Range. p. 5.
- Godunov, R. T., Smirnov, K. V., Shevchenko, V. M. - Facies characteristics of Triassic sediments in the southwestern part of the Onon block. p. 14.
- Nalibava, T. I. - Systematic composition of the family Iliadidae in suborder Heteromidae. p. 18.
- Moskalevskiy, Z. D. - Belemnites from Jurassic sediments of the Upper Amur Valley. p. 26.
- Sci. I. I., Kalacheva, E. D. - Late Albian Erythroides from the southern coast of the Okhotsk Sea (Far East). p. 35.
- Krasovskiy, E. S., Melnikova, S. V. - Late Paleozoic Opheidiidae of the northern part of Siberia. p. 42.
- Teis, B. V., Naldin, D. P., Saks, V. N. - Determination of late Jurassic and Early Cretaceous paleotemperature by the isotopic composition of oxygen in rocks of belemnites. p. 51.
- Saks, V. N., Alekseyenko, M. S., Shalagina, N. I. - Volga stage and the position of the boundary between Jurassic and Cretaceous systems in the Arctic zoogeographic area. p. 72.
- Saks, V. N., Nalibava, T. I. - Change in the composition of belemnites on the boundary of the Jurassic and Cretaceous in the Arctic and Paleotropical zoogeographic areas. p. 80.
- Zakharov, V. A. - Changes of complexes of the spectra of bivalve molluscs at the boundary between the Jurassic and Cretaceous in the Boreal and Arctic zoogeographic areas. p. 10.
- Shalagina, N. I. - Ammonites of the genus Cheloniceras from boundary layers of the Jurassic and Cretaceous of Siberia. p. 101.
- Rasov, V. A. - Foraminifera in the Volga and Berda sediments of the northern part of Siberia and Arctic islands. p. 108.
- Kanova, I. F. - Composition of Foraminifera and their development in the Volga and Berda areas in the Khanga Depression and in the northern part of the Taymyr Peninsula. p. 142.
- GEOKHIEMIYA [GEOCHEMISTRY]. Issued by Akademicheskaya SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1962.
- Table of contents translated:
- Goldenshteyn, I. V. - Isolation of two different age groups in the Archean of the southwestern part of the Ural. p. 475.
- Volkov, V. P., Poljakov, A. I., Karakhanov, A. I. - Characteristics of the chemistry of rock-forming minerals of the differentiated complex of the Lovozero alkali massifs. p. 482.
- Leonova, L. L. - Distribution of fluorine in minerals of granulites of the Susamyr batholith (central Tien Shan). p. 490.
- Pentel'kov, V. G. - Correlation of granitic intrusives on the basis of the determination of the content of lithium and beryllium in mica. p. 497.
- Dobronravova, A. N., and others. - Study of the yield of X and K isotopes forming in the irradiation of uranium by protons with 680 MeV energy level. p. 510.
- Zhizova, V. V. - Determining the content of lead in standard G-1 and W-1 samples and rocks with low lead content by the method of self-luminescence polarography. p. 542.
- Tugarinov, A. I. - Fourth acenillite reading dedicated to V. I. Vernadskiy. p. 545.
- Summaries of the principal articles in "Geokhimiya i Kosmochimicheskaya Akta," vol. 25, no. 1, 2, 3, 1961. p. 647.
- Gerasimovskiy, V. I., Tuzova, A. M., Shevaleevskiy, I. D. - Zirconium-hafnium ratio in minerals and rocks of the Lovozero Massif. p. 501.
- Zlobin, B. I., Izbodov, V. I. - Calcium in alkali rocks. p. 508.
- Buller, John R. - Bismuth in some igneous rocks. p. 514.
- Gulayeva, L. A., Ikina, E. S. - Lithogens in marine and freshwater sediments. p. 524.
- Krylova, M. D. - Determining temperatures of the formation of rocks by the method of T. I. V. Darby. p. 529.
- Andreev, P. F., Ptisko, E. A., Rogozhnik, E. M. - Interaction of diluted solutions of uranyl salts with chitin and some esters of cellulose. p. 530.
- No. 11, 1962.
- Table of contents translated:
- Gerling, E. K., and others. - Determining the age of basic rocks by the K-Ar method. p. 931.
- Khutsadze, A. L. - Experimental study of the diffusion of radiogenic argon in feldspar and mica. p. 939.
- Shcherbina, V. V. - Methods for explaining transportation forms of chemical elements in geochemical processes. p. 946.
- Mannikala, S. M., Drozdova, T. V. - Transformation of organic compounds in sedimentary rocks and the organic substance of grapholites of Dictyonema stages. p. 953.
- Wina, A. A., Poraonov, R. I. - Linear emission spectra of 1,12-benzoperylene and its detection in some natural products. p. 983.
- Trofimov, A. K. - Nature of the linear spectra of the luminescence of zircons. p. 972.
- Zhiginskii, A. O., Zakid, A. N., Kund, G. G. - Spectral method for the determination of Sr 87. p. 978.
- Smirnov, V. A. - Uranium and thorium in igneous rocks of western Transbaikalia. p. 982.
- Shishov, S. M. - Boundary core-mantle. p. 980.
- Nechetator, N. V., Popova, N. N., Minsar, E. F. - Isomorphism of selenium and tellurium in galena. p. 993.
- Mun, A. I., Zlatina, R. E. - Boron distribution in recent lacustrine sediments. p. 1000.
- Bordovskiy, O. K., Smirnov, B. A. - Structural-group composition of oil fractions of bitumens of bottom sediments of the Bering Sea. p. 1009.
- Mukhamov, K. M. - Behavior of petroleum and sediments of the oxidation zone of sulfide deposits. p. 1011.
- Summaries of the principal articles in "Geokhimiya i Kosmochimicheskaya Akta," vol. 26, March-April 1962. p. 1018.
- No. 9, Sep. 1963.
- Table of contents translated:
- Vinogradov, A. P., and others. - Determining absolute age according to ^{14}C . Report G-4. p. 705.
- Isaichevskiy, M. L., Gornikhu, I. M., Fedorovskiy, S. B. - (R-Sr) age of ancient rocks in southern Karelia. p. 813.
- Soudinov, I. E. - Study of the crystallization of minerals under hydrothermal conditions. p. 822.
- Ivanov, V. V. - Mineralogical features and physical-chemical characteristics of the formation of cassiterite-sulfide-sulfide deposits in the Yarkutsk Yakutia. p. 830.
- Zaitseva, G. G., Pashchuk, A. S. - Thermodynamic solution of particular problems of the geochemistry of selenium and tellurium in copper-sulfide deposits of the Noril'sk region. p. 843.
- Shcherbakov, I. U., Perekhodov, I. A. - Study of the relationship of gold mineralization with hydrothermal rocks in the Noril'sk region. p. 851.
- Lakota, E. M., Gusev, A. A. - Characteristics of the composition of rare earths of the pyroclastic of the Vishnevyye Mountains. p. 859.
- Kulikov, M. F. - Cobalt in the Noril'sk region. p. 861.
- Kitachinskaya, Z. M. - Cobalt in the Noril'sk region. p. 861.
- Melikhov, B. M. - Anniversary Summary of the Academy of Sciences of the U.S.S.R. devoted to the 100th anniversary of the birth of V. I. Vernadskiy. p. 880.
- Summaries of the principal articles in "Geokhimiya i Kosmochimicheskaya Akta," November 20, 1962, January 27, 1963. p. 1070.
- No. 10, Oct. 1963.
- Table of contents translated:
- Vinogradov, A. P., Pashchuk, I. U., Volynskiy, V. E. - Anomalous isotopic composition of sulfur in the Noril'sk region. p. 875.
- Kalish, A. A., Khitarov, N. I. - Conditions of the thermodynamic equilibrium of sulfate-sulfate water. p. 880.
- Savitskiy, S. S. - Preservation of radiogenic argon in glaucophanes. p. 885.
- Kuznetsov, N. P. - Geochemistry of pyroclastic rocks in organic remains of sedimentary formations. p. 887.
- Gerasimovskiy, V. I., Tuzova, A. M. - The distribution of phosphorus in hydrothermal systems. p. 893.
- Pachadzhanyan, D. N. - Geochemistry of lithium and boron in clays. p. 890.
- Shishuk, N. N., Mikhaleva, V. A., Mikhailov, I. I. - Study of the oxidation of uranium and molybdenum in the Noril'sk region. p. 893.
- Tolstol, M. I., Ostrozhnik, I. M. - Some characteristics of the distribution of chemical elements in rocks and their use for geochemical purposes. p. 892.
- Khitarov, N. I., Lohov, E. H., Kalish, A. A. - Solubility of water in the melt of granitoid rocks at a pressure up to 7000 atm. p. 927.
- Popova, S. V., Serebrennikova, N. I., Kalashnik, B. I. - Decomposition of igneous rocks at high pressure and high temperatures. p. 950.
- Tokhtinov, G. V., Frankozova, T. A. - Natural zones in metamorphic rocks and ores of the Kirov-Rog Basin. p. 961.
- Fominykh, V. G. - Distribution of titanium in the Krichkhar (Kumukhar) deposit. p. 963.
- Kosterin, A. V., and others. - Zirconium in some of some igneous rocks of the Northern Caucasus. p. 960.
- No. 11, Nov. 1963.
- Table of contents translated:
- Vinogradov, A. P., and others. - Determining boundaries of the late- and postglacial time by ^{14}C and data of the spore-pollen analysis. p. 973.
- Sholtsberg, D. S., Mikhaleva, I. A. - Distribution of nickel in ultrabasic rocks of the Ural. p. 983.
- Abramovich, I. I., Vysokoskaya, E. I., Fedorova, E. F. - Manganese-iron ratio in igneous rocks. p. 990.
- Vinogradov, V. M., and others. - Radiometric determination of small quantities of Eu^{2+} , Cd^{2+} , and Nd^{147} and their isomorphism in fluorite and zircon. p. 1002.
- Leonova, L. L., Dalashev, I. U. A. - Distribution of uranium, thorium, and rare-earth elements in granulites of the Susamyr batholith (central Tien Shan). p. 1008.
- Ivanov, V. V., Rodionov, D. A., Tarkhov, I. U. A. - Nature of the distribution and average content of indium in some minerals from deposits of various genetic types. p. 1016.

- ... V. I. - Distribution of copper in genetically associated granitoid series. p. 1027.
- ... A. A., Ivanova, L. P. - Behavior of chromium, nickel, and cobalt in the formation processes of Kytlym platinum-bearing massifs. p. 1034.
- ... A. D., Teleshova, R. L., Alekseeva, O. A. - Content of nickel in rock-forming minerals of rare-gabbro-diorites in the Noril'sk deposit. p. 1044.
- ... L. S., Fomina, N. P. - Study of oxidation-reduction properties of sedimentary uraniferous rocks. p. 1050.
- ... chesvskii, I. U. A., Borisova, S. L. - Preservation of radiogenic argon in syenite. p. 1055.
- ... I. S. - Nature of colorations of fluorine in the Yakob deposit. p. 1057.
- ... B. V. - Impurity elements in ores and rocks of the Levkha ore zone (Central Urals). p. 1060.
- ... rina, V. V. - K. A. Nemadkovich; obituary. p. 1063.
- Dec. 1963.
- Table of contents translated:
- ... A. A., Borisenok, L. A. - Geochemistry of gabbro in humid lithogenesis. p. 1067.
- ... V. A. - Geochemical differentiation of rare-earth elements. p. 1082.
- ... V. V. - Iridium in some igneous rocks of the S. S. R. p. 1101.
- ... smovskii, V. I., Bellaev, I. U. L. - Content of angarite, barium, and strontium in alkali rocks of the Kola Peninsula. p. 1111.
- ... V. P., Mishchenko, V. S. - Functions of the distribution of lithium, rubidium, and some of the rarest elements in granites of Kamennoye Mogily and Kalerinovka (Azov Sea region). p. 1124.
- ... V. A., and others. - Abundance of rocks of the Azov Shield. p. 1140.
- ... V. L. S., Gavrilov, L. A., Lebedev, V. L. - Relative age of the Anabar Precambrian. p. 1145.
- ... N. I., Ryzhenko, D. N. - Evaluation of pH hydrothermal solutions. p. 1152.
- ... chuev, D. P., Zaidis, I. H. - Determination of absolute age of Romsensk potash salt. p. 1154.
- ... I. U. M., Kirova, K. G., Strizhov, V. P. - Application of the method of isotopic dilution for age using a standard in the solid phase; as revealed by a study made on argon. p. 1155.
- ... nitsin, A. E. Foreman; 40th anniversary of his life. p. 1157.
- ICHESKII ZHURNAL [GEOLOGICAL JOURNAL].
- by Otdeleniye nauk i zemli i kosmos Akademii SSSR [Department of Earth Sciences and Space Academy of Sciences of the Ukrainian S. S. R.].
- Vol. 28, nos. 1, 3-4, Jan.-Feb., May-Aug. 1968.
- IA I GEOFIZIKA [GEOLOGY AND GEO-] [CS]. Issued by Sibirskoe otdeleniye Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the S. S. R.]. Novosibirsk, no. 1 (67), Jan. 1968.
- Table of contents translated:
- ... chesvskii, V. V., Shen'fil', V. I. U. - Yakshin, S. - Correlation of Late Precambrian sediments of the outer belt of the Baikal-Baikal fold area. p. 11.
- ... n'kov, D. N., Bulgakov, A. N. - Kolar-Udokan ore as the Proterozoic marginal trough of the Kolar Platform. p. 13.
- ... V. D. - Lower boundary of the Upper Proterozoic structural stage of western Transbaikalia. p. 21.
- ... evskaya, O. V. - Pollen of Angiosperms in Lower Cretaceous continental sediments of the southern part of the Far East. p. 31.
- ... V. I., Nuzhdina, N. A., Troitskii, S. L. - New data on the marine Pleistocene of the Taymyr Island. p. 40.
- ... ostova, Z. M., Smirnova, A. N., Nikitin, V. P. - Alluvial sediments of the Ongkashan cross-section in the upper Kolyma Valley. p. 49.
- ... daito, V. V. - Mineral paragenesis with monticellite and melilitite in rocks of monomorphite and basaltic gneiss. p. 58.
- ... nov, V. N. - Some aspects of the zonality of lithomation in vein fillings. p. 68.
- ... enko, M. G. - On one formulation of the direct reverse problem in lithology. p. 78.
- ... kii, V. V., Pinau, G. V., Korotkaya, G. N. - Application of methods of multidimensional statistical analysis for the division of different-age Alpine ultrabasic rocks according to their petrochemical properties. p. 83.
- ... in, I. U. V. - Stratigraphic allocation of reflected zones. p. 80.
- ... in, A. N., Mikheeva, S. V., Vasserman, T. M. - Structural faults according to geological and geophysical materials; as revealed by a study made in Sakhalin. p. 97.
- ... ova, E. A., Solov'ov, S. L. - Correlation of altitudes of surface and longitudinal waves depending on the depth of an earthquake focus. p. 103.
- Filitsin, V. A. - Uniqueness of the solution of a reverse problem in the method of artificial magnetization. p. 111.
- Mandrov, D. E., Laptash, L. M., Grishuk, V. P. - Some characteristics of the distribution of the vertical constituent of geomagnetic variations in a shore effect. p. 117.
- Alibin, L. V. - Ordovician volcanism in the Kuznetsk Altai. p. 120.
- Bukin, G. V. - Optimum conditions of the synthesis of chlorite under hydrothermal conditions. p. 124.
- Kalinin, D. V., Denisikina, N. D. - Hydrothermal synthesis of fine-fluorite ferrocyanide. p. 128.
- Maderin, U. N. - Find of valves of Pliocene *Uro* Sibirica in alluvial sediments of the Olenek basin. p. 132.
- Andreev, G. V. - Metasomatic processes of postmagmatic stage in nepheline-syenite massives of western Transbaikalia and the northern part of the Lake Baikal region. p. 135.
- Zorin, I. U. A. - Methodology of the calculation of gravitational anomalies and tectonics in the Lake Baikal region. p. 140.
- Present state of the problem of the Sibirian and Doyanin boundary; on the results of the International Symposium in Calgary, Canada. p. 144.
- LENINGRAD, VSESOYUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Vol. 131, 1968. Mineralogicheskii sbornik [Mineralogical papers]. no. 4.
- Table of contents translated:
- ... chesvskii, V. M., Kornilovich, L. A., Sokolova, E. P. - Some copper arsenates of Transbaikalia. p. 3.
- ... Kuznetsov, L. A. - Characterization of the Vysokovskaya copper deposit (western Transbaikalia). p. 23.
- ... Nalickin, A. B. - Mineralogy of the Tsiman Kola. p. 34.
- ... Kovalev, G. A. - Principles of crystallochemical classification of clay minerals. p. 43.
- ... Kovalev, G. A. - Classification of clay minerals and related silicates similar to them in structure. p. 52.
- ... Kozlov, A. I. - Minerals of the enstatite, pyroxene, and olivine type and their diagnostics. p. 60.
- ... Aleksandrov, G. V. - Characterization of the mineral composition of metabasite deposits in north-eastern Transbaikalia. p. 67.
- ... Dushin, V. N. - Zonedness and the stages of mineral formation in the oxidation zone of sulfide deposits. p. 74.
- ... Lepenski, N. M. - Genesis of titanomagnetite deposits of the Urals. p. 85.
- MATERIALY PO MINERALOGII KOLYMSKOGO POLUOSTROVA [MATERIALS ON THE MINERALOGY OF THE KOLA PENINSULA]. Issued by Kola Branch of the Academy of Sciences of the U. S. S. R. and the Kola Branch of the All-Union Mineralogical Society. Kirovsk, vol. 5, 1967. Materials on the mineralogy of the Kola Peninsula.
- Table of contents translated:
- ... Gorbunov, G. I. - Hydrothermal vein complex in ultrabasic and basic rocks of Pechenga. p. 5.
- ... Yakovlev, I. U. N., Lukovskaya, A. K. - Mineral composition of ores and wall rocks of the eastern flank of the Alakchenskoye copper-nickel sulfide deposit (Khar'mansk Province). p. 16.
- ... Fedotov, Z. A., Kolesnikov, N. N. - Genesis of copper-nickel sulfide mineralization in amphibolites of the Kevvy Upland region. p. 64.
- ... Fedotova, M. G. - Regressive of the Alakchenskoye deposit. p. 70.
- ... Asat'ev, I. U. A., Alanaev, A. P. - Mineralogical composition and conditions of the formation of tectonic clays in the Pechenga copper-nickel deposits. p. 74.
- ... Velin, V. R. - Accessory minerals of plagioclase and microcline-plagioclase granitoids in the middle Strel'na Valley. p. 81.
- ... Vinogradova, G. V. - Accessory minerals of the Kaskel'yev granitoid complex. p. 105.
- ... Bel'kov, V. V., Kolesnikov, N. N. - Correlation of zirconium and hafnium in granites of the Kola Peninsula. p. 115.
- ... Vinogradov, A. N., Dubrovskii, M. I. - Types of associations of accessory minerals in normal granites. p. 118.
- ... Belotepeski, A. P., Chino, N. A. - Composition of rare earths and accessory minerals in vein formations of alkali granites. p. 134.
- ... Belotepeski, A. P., and others. - Some results of the chemical and X-ray structural study of the epidote-orthite group minerals. p. 120.
- ... Velin, V. R. - Chemical composition of accessory magnetite in granites of the Strel'na Valley (Kola Peninsula). p. 138.
- ... Romanov, V. I. - Gneiss in the region of the Kuvshinovskiy granite mass. p. 145.
- ... Itin, I. U. I. - Rare alkalies in microclines from pegmatites of Porogzero. p. 158.
- ... Loskutov, A. V., Pletnova, N. I. - Color and structure of crystals of smoky quartz from the eastern Kevvy Upland. p. 168.
- ... Rudkin, O. B. - Nature of the specific coloration of some minerals in alkali rocks and pegmatites. p. 169.
- Koz'yeva, L. V. - Nepheline-tetrapar paragenesis in rocks of the Khibiny alkali massif. p. 185.
- ... Bassen, I. V., Rogachev, H. L. - Rock-forming conditions of the Lovozero alkali massif. p. 194.
- ... Alanaev, A. P., Kolesnikova, V. V. - Hydroplagioclase and melilitite of the Kovdor deposit. p. 214.
- ... Koz'yeva, L. V., Mukretskaya, A. V. - New data on magnetite-bearing areas of the Khibiny Massif. p. 221.
- MINERALOGICHESKII SBORNIK [MINERALOGICAL REVIEW]. Issued by L'vovskii gosudarstvennyi universitet [Lvov State University]. Lvov, vol. 21, no. 1, 1967.
- Table of contents translated:
- The great fifteenth anniversary. p. 3.
- ... Lazarenko, E. K., Malkovskii, I. I., Sivko, M. M. - Development of mineralogy in the Ukraine during the Soviet regime. p. 6.
- ... Bolov, N. V. - Part 18: Outlines of structural geology. p. 35.
- ... Drita, V. A., Lazarenko, E. K. - Structural and mineralogical characteristics of "Donbasites." p. 40.
- ... Kattuzhnyi, V. A., Vozniak, D. K. - Thermodynamic and geochemical characteristics of mineral-forming solutions of pegmatites of the "Zanorysh" type according to liquid inclusions in minerals. p. 49.
- ... Orlov, D. D., Lushnikov, V. G. - Some relations of growing quartz crystals to chertites. p. 62.
- ... Barlatov, S. T., Povarennykh, A. S. - Forms of the inclusion of impurity elements in sulfides. p. 67.
- ... Karasik, M. A. - Significance of typomorphic indicators of minerals for the isolation of formation stages of orogenic zones. p. 75.
- ... Panov, B. S. - Some problems of the ore potential of the Donets Basin in connection with the isotopic composition of its lands. p. 82.
- ... Sidorov, A. A., Kondrat'eva, D. N., Makarov, V. N. - Mineralogy and metamorphism of chlorite-cummingtonite layers of the Krivoy Rog Basin. p. 82.
- ... Sivko, M. M., Pavlyshin, V. I. - Find of opals containing organic matter in pegmatites of Volynia. p. 100.
- ... Ratokhin, E. A. - Accessory radioactive elements in ilmenites from loose sediments. p. 104.
- ... Marchenko, E. A. - Origin of accessory sphene in granitoids in the region of the Sea of Azov. p. 109.
- Vol. 21, no. 3, 1967.
- Table of contents translated:
- ... Bolov, N. V. - Essays of structural mineralogy. Part 18. p. 231.
- ... Barloshtinski, V. V. - Siderite and calcite from pegmatites of Volynia. p. 246.
- ... Pavlyshin, V. I., Sivko, M. M. - Some problems of the constitution of trigonal carbonates. p. 258.
- ... Gervork'yan, S. V., Pionov, A. N., Povarennykh, A. S. - Coloration of celestine. p. 263.
- ... Kartinkin, L. I. - Formation of spinel, corundum, and melilitite group minerals on the contact of aluminosilicate products with periclase during heating. p. 268.
- ... Frank-Kamenetskii, V. A., Filitsin, S. K., Giller, I. A. L. - Crystalline structure and chemical formula of carpholite. p. 275.
- ... Lashchukin, A. A. - Inclusions in stony meteorites. p. 278.
- ... Bobrovnik, D. P. - Sooty sulfide iron. p. 282.
- ... Lazarenko, E. E. - "Honeycomb" quartz from the surrounding area of Viktorinka in Volynia. p. 283.
- ... Mol'atkov, V. S., Fashkin, M. I. U. - Characteristics of some hydromines of Borogovskoye Khimogor'ye, (Transcarpathia). p. 287.
- ... Fur'ev, L. D. - Tetrahedral high orthoclase from monzite-shenkite porphyries of the Sea of Azov region. p. 292.
- ... Fur'ev, L. D. - Saponite from lamprophyres of the Sea of Azov region. p. 297.
- ... Alavenko, I. P., Fur'eva, A. L. - Accessory monazite in rocks of the Novo-Ukrainskiy Massif. p. 298.
- ... Dodato, A. D., Pogrebnol, V. T. - Alteration of chrysotile-asbestos in the weathering surface of ultrabasic. p. 304.
- ... Ovecharonko, F. D., and others. - Intensification of the expansion of vermiculite through ion-exchange reactions. p. 309.
- ... Borokin, I. U. G., Poroguda, A. I., Borogovenko, A. I. - Unique find of topaz in Volynia. p. 312.
- ... Konstantin Nikolayevich Savich-Zablotski; obituary. p. 314.
- ... Vladimír Mikhailovich Krotter; obituary. p. 316.
- ... Maksimenko, F. F. - Literature on the mineralogy of the Ukraine in 1965. p. 319.
- PIRODNOIA OBSTANOVKA I FAUNA PIROSILOGO [THE NATURAL ENVIRONMENT AND FAUNAS OF THE PAST]. Issued by Institut zoologii Akademii nauk Ukrainskoi SSR [Institute of Zoology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 3, 1967.
- Table of contents translated:
- ... Volynskii, M. A. - Fossil ornithomima in the Ukraine. p. 3.

- Rogozhin, V. V. - Relief fauna of North-east lakes and its paleogeographical significance. p. 77.
- Tscheltenko, G. I. A. - Natural Quaternary conditions in the subtropical desert zone of the Arabian Peninsula. p. 84.
- Chuvatskiy, V. G. - Problems of the formation of the boulder beds and relief of the Kola Peninsula. p. 90.
- Kiselev, I. I. - Pre-Quaternary weathering surface and the formation of nitrate sediments in the western part of the Kola Peninsula. p. 124.
- Podgolskiy, I. G. - Once more on the chronology of the Quaternary. p. 133.
- Podgolskiy, I. G. - Short review of an glacial studies in 1958-1965. p. 141.

SIBIRSKIY NAUCHNO-ISSEDOVATELSKIY INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'YA. Trudy (SIBIRIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES, Transactions). Leningrad, no. 59, 1967. Contents: [Oil-producing strata and conditions for oil formation in the Mesozoic sediments of the West Siberian Plain] Neftepolzovaniye i toshchi i usloviya obrazovaniya nefli v mezozoijskikh olistozhenitsakh Zapadno-Sibirskoi tziemlenosti. 222 p.

- UZBEKSKII GEOLOGICHESKII JIURNAL.** [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 12, no. 1, 1968. Table of contents translated: Afrankhodzhayev, A. M., Kushnir, I. V., Arnaudov, E. I. - Methodology of prospecting for low-amplitude anticlinal structures in Ustyurt. p. 3.
- Imankariev, A. R. - Reservoir properties of Lower Cretaceous sediments of the Fergana Depression. p. 8.
- Umarkhodzhayev, U. S. - Oil and gas potentials of cover formations of the Surkhardarya Depression. p. 12.
- Golkov, A. N., Usankhova, M. M. - New find and age position of Kahlul bauxites. p. 16.
- Usakov, Kh. - Structural-formational regionalization of hidden areas of the Paleozoic of southwestern Uzbekistan. p. 21.
- Poddebnyy, N. P. - Prospects for rare-metal mineralization in Kugitangtau (southern Uzbekistan). p. 26.
- Nikolaeva, E. P. - Some characteristics of the manifestation of authigenic mineralization in corners of the Angren deposit. p. 34.
- Zakirov, M. Z., Khetrov, M. D., Korolev, I. M. - X-ray measurements of clays of southwestern Uzbekistan. p. 38.
- Kadyrov, M. Kh. - Distribution of dispersed boron in volcanic rocks $C_2 - C_3$ in the central part of the Kurama Range. p. 43.
- Tyminskiy, V. G., Surganova, N. A., Sultanhodzhayev, A. N. - Characteristics of the distribution of helium and radon in underground waters of the Tashkent artesian basin. p. 46.
- Khashimov, M. - Cenotic types of loess in the Zarafshan Valley and their zonality. p. 50.
- Dakleshin, M. D. - Movement of underground waters in the wall of vertical drainage in a limited layer in the presence of seepage. p. 53.
- Babier, K. L. - Some problems of oreatlogoy. p. 58.
- Gotovin, E. M., Iur'eva, L. A., Batmukhammadov, M. D. - Mineralogenetic specialization of petrochemical provinces of Uzbekistan and adjacent regions. p. 61.
- Khan, D. T. - Multistage mineralization at the Lashkurgushay ore zone (Kurama Range). p. 65.
- Kakulbarov, A. - Characteristics of the distribution of impurity elements in sulfides of skarn-complex metal formations of the Chalkin Range. p. 72.
- Makolmuv, K. - Epidiostites of the Tandytau. p. 80.
- Boriskin, V. P. - Mineralogeochemical characteristics of the alunite ore manifestation in Akasaka. p. 85.
- Fattakh Shaikhovitch Radzhayev; obituary. p. 91.

13. SCIENCE

a. GENERAL

- AKADEMIYA NAUK ARMANSKOI SSR.** Erivan, Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 45, no. 4, 1967. Table of contents translated: Melik-Adamian, F. E. - Note on the theory of matrix accelerators and spectral matrix functions of canonical differential systems. p. 145.
- Avak'yan, G. M., Al'man, I. K., Al'tman, T. S. M. - On the nature of the negative resistance in silicon diodes. p. 162.
- Nikogosyan, G. T. - Characteristics of the variation of constants of the heat balance of small water bodies depending on the area height. p. 187.
- Chalytskii, O. A., and others. - Effect of certain additions on the polymerization rate of vinyl acetate

- in emulsion with air admittance, polymerization being initiated by the system peroxysulfate-triethanolamine. p. 162.
- Davtian, G. S., Revazian, R. G. - Effect of processed flotation wastes of the copper-molybdenum ores on the productivity of some farm crops. p. 168.
- Mkrtichian, S. S., Mkhitarian, R. G. - Some data on artificially grown spherulite crystals. p. 171.
- Gabriellian, A. A., Mamedov, T. A. - New data on the age of the Paleogene volcanic series of the Nakhichevan A. S. S. R. and southern Syunik (Armenian A. S. S. R.). p. 177.
- Tonlian, T. S. R. - Some modifications of the rapid method of karyological analysis. p. 182.
- Negribov, O. P. - Two new species of predatory dipterous insects of the genus *Molera* Fischer (Diptera, Dolichopodidae). p. 184.

- AKADEMIYA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports].** Moscow, vol. 178, no. 5, 1968. Table of contents translated: MATHEMATICS: Gurev, V. P. - Structure of primary ideals in rings of functions integrable with increasing weight on the semiaxis. p. 94.
- Guseinov, A. I., Rasolova, G. A. - Mixed problem for a class of quasi-linear differential equations of the third order. p. 95.
- Iakimov, A. D. - Inverse boundary value problems with unknown coefficients for some quasi-linear equations. p. 99.
- Kukilev, V. A. - Boundary value problems of linear conjugation for functions holomorphic in biholomorphic regions. p. 103.
- Kozlovskii, S. B. - Some remarks on logic of higher order. p. 107.
- Lusternik, L. A. - Systems of symmetrical functions. p. 110.
- Osipov, I. V. - Accuracy of approximation of the distribution of a sum of independent random variables to normal distribution. p. 113.
- Orlov, V. A. - On the boundary problem for finitely defined semigroups. p. 117.
- Stetsenko, V. A. - Methods for accelerating the convergence of iteration processes. p. 124.
- Krasov, V. P. - Approximation by analytic functions in the mean. p. 125.
- Chistiakov, A. L. - Infinite Hermitian matrices with operator coefficients. p. 129.
- MATHEMATICAL PHYSICS: Gashov, V. P. - Description of self-similar extensions of field equations. p. 133.
- Krasel'or, S. R. - A class of problems with unknown boundary for the heat conduction equation. p. 136.
- PHYSICS: Bogh, G. B., and others. - On the tetragonal luminescence center of the CaF_2 in CaF_2 . p. 139.
- Burakov, I. M., Zhamukulov, U., Ukhov, B. I. - Structure of the valence band in indium arsenide. p. 143.
- TECHNICAL PHYSICS: Akhmedov, N. G., Gusev, I. E., Akhmedov, N. P. - Effect of motion on the superconductive properties of alloys on the basis of ZrV_2 . p. 147.
- Krasel'nikov, A. E., and others. - Thermoelectric effects of the interface between the solid and liquid phases in various groups of semiconductors. p. 151.
- Krisnegov, G. S., and others. - State of the crystal lattice in thermomechanical damping in materials. p. 155.
- GEOPHYSICS: Komarova, A. T. - Generalization of electric resistivity data for igneous rocks at high temperatures in connection with the structure of the earth's crust and upper mantle. p. 159.
- Byushkova, I. N. - Velocities of recent movements of the earth's crust as estimated from geodetic-geomorphological evidence by methods of mathematical statistics. p. 166.
- Gorsh, G. Z. - Some data on the character of the geomagnetic field during inversions. p. 166.
- HEAT ENGINEERING: Stechkin, D. S. - Indicator efficiency of the internal combustion engine. p. 169.
- CHEMISTRY: Anulitko, V. P., Kuznetsov, E. I., Terent'ev, A. P. - Nature of remote delocalization of an unpaired electron in the EPR spectra of copper compounds. p. 173.
- Bel'skii, V. E., Lusting, Z. V. - Kinetics of hydrolysis of O-methyl O(2, 2-dichlorovinyl) dimethylamide phosphate. p. 177.
- Efrimov, R. A. - Mass spectrometry of 3, 4-carbinol stereoisomers and 3, 4-mandelic acid labeled by deuterium in hydroxyl groups. p. 180.
- Korotkaya, L. A., and others. - Polymerization of propylene sulfide under the effect of boron fluoride etherate. p. 184.
- Mitrofanova, T. K., Ivashchenko, S. P. - Synthesis of glycide base of cile and fats with glycerol properties. p. 187.
- Molerev, I. I., Grigorov, A. A. - Nature of polymorphic transformation of palladium chloride. p. 190.
- Nesmetanov, A. N., and others. - PMR spectra of 3-chlorovinyl derivatives of mercury and properties of cis-3-chlorovinylmercury chloride. p. 193.
- Petrov, K. I., Bardis, V. A., Kalluzhnaia, V. G. - Vibrational spectrum of rhetic acid. p. 197.
- Polopov, V. M., and others. - Dispersion of cumylphosphoric acid in benzene solution. p. 199.
- Ilyen, I. G., Plakhovskii, V. N. - Synthesis and properties of potassium trimethoxy fluoroborate $K(BFOC_3)_2$. p. 192.

- Savitskiy, I. M., Anisimov, I. V., Petrovskiy, A. A. - Determination of configuration of monomers in polyisoprenes. p. 106.
- PHYSICAL CHEMISTRY: Ilyushin, G. S., Ivanova, L. P. - Mechanism of polymerization in the solution of calcium acetate. p. 109.
- Eliashov, V. I., Zimkova, N. G. - Structural factors in the mechanism of the polymerization of $CH_2=CH_2$. p. 113.
- Ispatova, T. I., Ivashchenko, V. K., Bezukhova, E. I. - Supermolecular structures in cross-linked polymers. p. 116.
- Ochotnikov, B. I., Mikhailov, N. V., Kuchuk, P. A. - Equilibrium in solution of the polymer of structure in the flow of structural elements. p. 119.
- Kukhlin, A. T., Vershinin, I. V. - Chemical reaction of the formation of polymer chains in organic compounds. p. 124.
- Sazonov, I. A., and others. - Effect of synthesis of gelatin on the properties of the polymer. p. 127.
- Fedorov, A. E., Ispatova, E. S., Nizhnik, V. K. - Properties of oligomer methacrylates and their effect on the degree of polymerization. p. 132.
- CHEMICAL TECHNOLOGY: Galimov, M. D., Kuznetsov, A. I. - Reaction of organic and inorganic ligands in the synthesis of polymers. p. 132.
- Kakulbarov, V. M., and others. - Optimal conditions for the process of enrichment of impurities in a mixture. p. 136.
- Mikhailov, I. N., Gurev, I. S. - Solid-state synthesis of solid trimethylsilanes. p. 139.
- GEOLOGY: Anisimov, V. N. - Mineralogical and petrological significance of the Western Verkhovskiy Range and the Kuznetskii. p. 145.
- Baranova, V. A. - Basaltic sediments of the Kuznetskii of the western part of the Baikal. p. 149.
- Ispatova, V. I., Kuznetsov, E. I., Shukhova, P. V. - Age of the upper part of the Kuznetskii Range and the Kuznetskii of the Upper Aral. p. 151.
- Gurev, M. P., Mikhailov, A. I. - Petrological and mineralogical significance of the Kuznetskii of the Kuznetskii. p. 157.
- Kuznetsov, V. V. - Stratigraphy of the Kuznetskii of the Kuznetskii of the Kuznetskii. p. 162.
- Ispatova, V. A., Mikhailov, E. I., Shukhova, P. V. - Study of the temperature dependence of the formation of the Kuznetskii of the Kuznetskii. p. 164.
- Shukhova, V. V., Kuznetsov, V. I. - Petrological significance of the Kuznetskii of the Kuznetskii. p. 166.
- MINEGEOLOGY: Bolgov, I. A. - Petrological and mineralogical significance of the formation of the Kuznetskii of the Kuznetskii. p. 169.
- PETROGRAPHY: Kuznetsov, V. V., Kuznetsov, M. I. - Petrological significance of the Kuznetskii of the Kuznetskii. p. 173.
- GEOCHEMISTRY: Timoshin, B. I., Timoshin, E. I., Mikhailov, V. V. - Distribution of rare earth elements in the Kuznetskii of the Kuznetskii. p. 175.
- HISTOLOGY: Ispatova, V. I., Kuznetsov, E. I., Shukhova, P. V. - Study of the Kuznetskii of the Kuznetskii. p. 177.
- GENETICS: Galimov, E. I., Zimkova, N. G. - Study of the Kuznetskii of the Kuznetskii. p. 179.
- Svein, P. G., Korotkaya, G. E. - Effect of the chemical agents introduced in the Kuznetskii of the Kuznetskii. p. 180.
- VITROLOGY: Agd, V. I., and others. - Nature of the Kuznetskii of the Kuznetskii. p. 184.
- PHYSIOLOGY: Baluyev, A. K., Seligman, A. T. - Effect of the Kuznetskii of the Kuznetskii. p. 186.
- BIOCHEMISTRY: Zimkova, N. G., Kuznetsov, V. I., Baranova, V. A. - Effect of the Kuznetskii of the Kuznetskii. p. 189.
- Kuznetsov, E. I., Kuznetsov, V. M., Timoshin, B. I. - Effect of changes in the Kuznetskii of the Kuznetskii. p. 191.
- PLANT PHYSIOLOGY: Kuznetsov, A. I., Kuznetsov, E. I. - Effect of the Kuznetskii of the Kuznetskii. p. 193.
- PHYSIOLOGY: Agd, A. D., Kuznetsov, E. I., Svein, P. G. - Effect of the Kuznetskii of the Kuznetskii. p. 195.
- PHYSIOLOGY: Agd, A. D., Kuznetsov, E. I., Svein, P. G. - Effect of the Kuznetskii of the Kuznetskii. p. 197.

Vol. 178, no. 2, 1968.

Table of contents translated: MATHEMATICS: Agd, A. D. - Normal sequences and finite automata. p. 253.

- collar solution (solubilization) of hydrocarbons in aqueous solutions of sodium oleate. p. 918.
- Tierdakhlebov, V.I., Chirkhin, N.N. - Activation energy of ion-forming process in an acetylene-air flame. p. 921.
- CHEMICAL TECHNOLOGY:**
- Dzhaparidze, P.N., Landau, I.N., Ades, V.I. - Some effects of the mechanical action on coal. p. 923.
- GEOLOGY:**
- Iezordykh, I.U., and others. - Gold in sedimentary formations of the Kodar-Udokan region. p. 927.
- Volokhov, I.M., Ivanov, V.M., Peregov, V.P. - Gabbro-pyroxenite-dunite intrusive association in the Kuznetsk Alatau. p. 931.
- Pomerants, L.B. - Microbiological processes in underground waters of Gaurdak sulfur deposit. p. 935.
- Solov'eva, N.A. - Role of volcanism in the formation of rocks of the Malokuril'skiy series. p. 938.
- Folladi, E.E., Budnikov, V.I. - New data on the presence of the area of ancient buried upheavals in the central part of the Tunguska syncline of the Siberian Platform. p. 942.
- MINERALOGY:**
- Zagruzina, I.A., Pozniak, V.O., Tsvetkov, L.P. - First find of variscite in the Chukchi Peninsula. p. 945.
- PETROGRAPHY:**
- Kashkarov, I.F., and others. - New data on the diagenetic processes in Neogene and recent sandy sediments in some regions of the Ukraine. p. 947.
- Luchitski, I.V., and others. - Deformation of marble under subcrustal conditions. p. 951.
- LITHOLOGY:**
- Krasilova, V.I., Tugovik, G.I. - Concentration of heavy minerals in littoral sediments of the Selenga Delta and Proval Bay. p. 954.
- Peres, F.S. - New data on the lithology of Upper Cretaceous sediments of the Moldavian S.S.R. p. 957.
- GEOCHEMISTRY:**
- Nechayeva, O.I. - Hydrogen in gases dissolved in the waters of the West Siberian Plain. p. 961.
- Sutskii, A.B. - Variation of electric conductivity in polymorphic transformation of cyanite-stilpnite (Al_2SiO_5) at high temperatures and pressures. p. 963.
- CYTOLOGY:**
- Arronet, N.I. - Effect of some metabolism inhibitors suppressing the work of cilia in flame cells. p. 967.
- MICROBIOLOGY:**
- Krasil'nikov, N.A., Duda, V.I. - Ultrastructure of caps covering the spores of anaerobic bacteria. p. 970.
- BIOCHEMISTRY:**
- Zaeta, T.L. - Inclusion of S^{35} - methionine into proteins of subcellular fractions of rabbit tissues following thermal trauma. p. 974.
- Oparin, A.I., and others. - Study of ribonuclease activity in phosphatido-protein coacervate. p. 976.
- Forman, D.L., Gimmel'skikh, N.G. - Adenosinetriphosphatase of the skeletal muscle sarcolemma. p. 978.
- PLANT PHYSIOLOGY:**
- Kulaev, I.S., Okorokov, L.A. - Oscillatory nature of the medium phosphate absorption by *Pendellium chrysogenum*. p. 982.
- ZOOLOGY:**
- Erokhina, N.M. - Brain structure design in Polychaeta. p. 986.
- MORPHOLOGY:**
- Bezrukov, N.I. - Morphology of the ovary in *Camolus baccharius*. p. 990.
- EXPERIMENTAL MORPHOLOGY:**
- Kanlorova, V.I. - Replacement of dog skull defects by the regenerating bone following heterotransplantation of osseous sawdust. p. 993.
- PHYSIOLOGY:**
- Gazenko, O.G., and others. - Adaptational changes in the cerebellum and motor structures of the spinal cord under various hypoxia conditions. p. 997.
- Odintsov, V.S., Potronko, V.S. - Activity dynamics and physiological role of acetylcholinesterases, aliphatic and aromatic esters in ontogeny of blood sucking mosquitoes of the genus *Aedes* (Diptera: Culicidae). p. 1001.
- EMBRYOLOGY:**
- Ignat'eva, O.M. - Dynamics of morphogenetic movements during the gastrulation stage of axolotl embryos. p. 1005.
- order of Fokker-type elliptic equations. p. 1272.
- Logvin, A.I. - Barash's commutative symmetric algebras of operators in the Poincaré space. p. 1276.
- Sernadov, I.O. - Generalized symmetric gamma-correlation. p. 1279.
- Chernysh, I.U. - Estimate of the solution of the first boundary value problem for a second-order parabolic equation. p. 1282.
- Chudovskii, G.V. - Some results achieved in the theory of expressions of infinite length. p. 1285.
- Shen, A.I. - Completely irreducible representations of $SL(2, \mathbb{C})$. p. 1286.
- ALGEBRA:**
- Vlasov, V.I., Gurelov, S.L., Kogan, M.N. - Mathematical experiment for computing transfer coefficients. p. 1333.
- HYDROMECHANICS:**
- Kachina, G.N. - A periodic solution of the diffusion equation with a nonlinear boundary condition. p. 1387.
- PHYSICS:**
- Darylov, A.S., Gabichenko, A.F. - Urbach's rule for localized excitations in crystals. p. 1391.
- Aran'ev, B.A., Serebrenskaya, M.A. - Selection of transverse oscillation modes in a laser with convex mirrors. p. 1391.
- TECHNICAL PHYSICS:**
- Baranov, A.A., and others. - Spectralization of transverse optical emission in white cast iron. p. 1395.
- Bakshiev, S.Z., and others. - Studying structural imperfections in metals by autoradiography of high resolving power. p. 1397.
- Gen, M.A., Petrov, H.I. - Thermal expansion and structural anomalies of small particles. p. 1398.
- Larkins, D.L., Mikhailov, N.V., Reider, P.A. - Role of crystal transport in the diffusion of structural structure by low-frequency vibration. p. 1399.
- Vpr, G.P. - Juvenile physically perfect electrodes, their production and properties. p. 1399.
- GEOPHYSICS:**
- Tinakov, I.V. - Boundary value problem relative to a system of equations describing the barotropic atmosphere. p. 1422.
- CRYSTALLOGRAPHY:**
- Bezukov, G.N., and others. - Crystallization of cubic boron nitride and synthetic diamond. p. 1426.
- Simanov, M.A., Logvin, Tsimonko, I.U. - New oxyanion radical $[SiO_3]^{2-}$ in the structure of $Na_2O \cdot 2SiO_2$. p. 1426.
- CHEMISTRY:**
- Gladyshev, E.N., and others. - New ways for the production of organobimetal compounds with germanium-transition metal bonds. p. 1433.
- Gubanov, I.N., Kholikhin, I.D., Nikolayev, A.V. - Pore organophosphorus cation exchangers. Correlation between sorption properties and density of cation exchangers. p. 1436.
- Kelikhov, A.I., Tkachenko, Z.A. - Photochemical chlorination and oxidation of nitrobenzene involving ferric chloride. p. 1440.
- Mikhalov, B.M., Kuznetsov, M.E., Snagova, E.A. - Organoboron compounds. Mechanism of catalysis of boron trialkyls. p. 1444.
- Spilagin, V.I., and others. - Stability constants of nitrate complexes of rare earth elements. p. 1448.
- Saitov, E.V., and others. - Electron paramagnetic resonance and magnetic susceptibility of cupric silylate adducts. p. 1452.
- Tochina, L.M., Pozdnyuk, L.M., Sidapintokh, V.A. - Reaction of peroxide radicals of ethylbenzene with cobalt oxides. p. 1455.
- Farberov, M.I., and others. - Steric factors in the production of isopropylaliphatic and its oxidation. p. 1459.
- Lampolskii, I.U., Akmalov, I.U., Lavrovskii, K.P. - Regularities in transformations of acetylene in the pyrolysis of ethylene. p. 1462.
- PHYSICAL CHEMISTRY:**
- Vinogradov, G.V., and others. - New possible mechanism underlying the unsteady flow of polymer melts. p. 1466.
- Gusakov, I.N., Tierdakhlebov, V.I. - Activation energy of the formation of excited radicals CH_2 , CH , and OH in acetylene-air flame. p. 1470.
- Berloghin, B.V., Rabinovich, I.Y. - Measurement of the potential barrier which prevents metallic surfaces from sticking in electrolyte solutions. p. 1473.
- Zukov, A.V., and others. - Polymerization of styrene in the presence of mixtures of ionic and nonionic emulsifiers as depending on volume properties of these solutions. p. 1477.
- Korshunov, I.I., and others. - Photooxidation of aqueous solutions of riboflavin. p. 1481.
- Kochetkov, N.K., and others. - Mechanism and products of radiolysis of α -methyl-D-glucoside. p. 1485.
- Reimov, A.B., Sverdlov, I.M. - Vibrational spectra of rotational isomerism of trans-1,4-dithio-cyclohexane. p. 1489.
- Strelko, V.V., and others. - Ionic forms of hydrogen and structure of the globules of polysilicic acid xerogels. p. 1492.
- Eskin, V.E., Serdink, I.N. - Temperature coefficient of partial specific volume and the conformation of polymer molecules. p. 1498.
- CHEMICAL TECHNOLOGY:**
- Ageev, N.V., and others. - Nonmetallic inclusions in molybdenum depending on the melting medium as studied by means of electron microscopy and electron microdiffraction. p. 1499.
- Pavlichenko, M.M., and others. - Micelle formation of reagents in salt solutions as influencing their sorption and flotation properties. p. 1495.
- GEOLOGY:**
- Belitsyn, M.P., Gurelov, S.L., Mordukhai-Goltys, A.I. - Characteristics of modern tectonic movements in the southern part of the Kuznetsk Alatau. p. 1497.
- Gurelov, S.L. - Intracrustal deformation of the part of the Kuznetsk Alatau. p. 1497.
- Sayan Mountains and their tectonic and mineral deposits. p. 1497.
- Krasnoperova, G.V., Rozhnova, I.A. - Tectonic of recent movements and their role in the crust as revealed by a study made in the Kuznetsk Alatau. p. 1497.
- Seliskar, G.V. - Heterogenization of the upper part of the Kuznetsk Alatau. p. 1497.
- Reverdin, V.V. - Value of local and regional geothermal gradients. p. 1497.
- Isakova, T.A., Isakova, I.U. - Mineralogy of the Okhotsk Lanthan. p. 1497.
- MINERALOGY:**
- Ivanikhin, M.I., Kabanov, B.V. - Petrography and mineralogical analysis of alkali. p. 1497.
- Kislovskii, L.D., Kabanov, B.V. - Petrography and mineralogical analysis of alkali. p. 1497.
- PETROGRAPHY:**
- Kabanov, B.V. - Petrography and mineralogical analysis of alkali. p. 1497.
- LITHOLOGY:**
- Belitsyn, M.P., Gurelov, S.L. - Petrography and mineralogical analysis of alkali. p. 1497.
- GEOCHEMISTRY:**
- Bakshiev, S.Z., Gurelov, S.L. - Petrography and mineralogical analysis of alkali. p. 1497.
- Lavrent'eva, A.K., Gurelov, S.L. - Petrography and mineralogical analysis of alkali. p. 1497.
- Pincus, E.V., and others. - Petrography and mineralogical analysis of alkali. p. 1497.
- PHYSICS:**
- Mukhin, N.I. - High negative temperature coefficient of resistance in thin films of Fe_2O_3 . p. 1497.
- MICROBIOLOGY:**
- Gurelov, S.L., and others. - Microbiology and mineralogical analysis of alkali. p. 1497.
- BIOCHEMISTRY:**
- Belitsyn, M.P., Gurelov, S.L. - Microbiology and mineralogical analysis of alkali. p. 1497.
- PHYSIOLOGY:**
- Belitsyn, M.P., Gurelov, S.L. - Microbiology and mineralogical analysis of alkali. p. 1497.
- EXPERIMENTAL MORPHOLOGY:**
- Popov, V.V., Kabanov, B.V. - Microbiology and mineralogical analysis of alkali. p. 1497.
- PHYSIOLOGY:**
- Belitsyn, M.P., Gurelov, S.L. - Microbiology and mineralogical analysis of alkali. p. 1497.

Vol. 188, no. 3, 1988.

Table of contents translated

MATHEMATICS:

Alekandrov, P. - On the fundamental theorem of

homological dimension theory. p. 510.

Ivov, E.T. - Generalized outparabolic maps in

n-dimensional projective space. p. 523.

Krasinski, G.A. - Parametric resonance in

systems of linear differential equations with

periodical coefficients. p. 528.

Litvinchik, I.A.D. - An approach to the notion of

p. 530.

Litvinov, I.K. - Dimensionality of the product of

dimensional bicomplexes. p. 534.

Rogozhin, V.S. - Theory of Riemann's problem for

p. 538.

Rozhnova, I.A. - Theorems on homeomorphisms

induced by elliptic operators. p. 542.

Fodorchuk, V. - Θ -closedness and Θ -absoluteness

p. 546.

TSokanovskii, E.R. - On the resolvent of generalized

self-adjoint extensions of symmetric operators

p. 550.

AERODYNAMICS:

Barantsov, R.G., Luganskii, I.D. - Moments of drag

rank in a slightly rarefied gas. p. 554.

HYDROMECHANICS:

Rubanovskii, V.N. - Integrable cases in a problem

concerning a heavy solid body moving in a fluid. p. 558.

Sokorzh-Zonkovich, I.A.I. - Steady-state waves of

finite amplitude produced by pressure perturbation

- distributed over the surface of a heavy liquid flow of tritio doph. p. 560.
- MATHEMATICAL PHYSICS:**
Kurattin, S.G. - Commutativity of superselection rules and a complete set of observables. p. 564.
- PHYSICS:**
Bashkrov, Sh. Sh., Solitun, G.I.A., Chistakov, V.A. - Effect of exchange interaction between magnetic ions on the shift of a Mössbauer spectrum. p. 507.
Garif'yanov, N.S., and others. - Paramagnetic resonance on conduction electrons in liquid sodium. p. 569.
Karpov, S.V., Shultin, A.A. - Infrared spectrum and lattice oscillations of a sodium nitrate crystal. p. 572.
Kolobov, L.A. - Points of nonanalyticity of Green's functions of a system of interacting particles. p. 578.
Stefel', R.N., and others. - Orienting effect of mica on the growth of thin Bi films. p. 580.
- TECHNICAL PHYSICS:**
Vinogradov, G.V., and others. - Frictional properties of oriented crystalline polymers. p. 582.
Kosov, V.M., and others. - Nucleation centers of the condensed phase on ionic crystals. p. 500.
Mantlov, D.M., Musurillo, T. - Study of a gas discharge when the adhesion contact is broken. p. 585.
Pashkevich, V.G., Mikhailov, N.V., Reinder, P.A. - Stress fields in dead-end microcracks. p. 591.
Roth, I.L., and others. - Formation of vacuum aluminum coatings on steel at various condensation temperatures. p. 594.
- CRYSTALLOGRAPHY:**
Nikulin, A.V., Bezrukov, G.N., Varagin, V.S. - Phosphorescence and thermoluminescence of synthetic diamonds containing boron. p. 597.
Fidel'man, L.G. - Formation of an intragranular dislocation substructure when growing NaCl single crystals from the melt. p. 500.
- CHEMISTRY:**
Fetisov, A.I., Egorov, L.P., Dmitriyeva, G.G. - Behavior of impurities in the process of vacuum distillation of indium in the form of its monochloride. p. 603.
Berezovskii, V.M., Akashev, Zh.I. - Electrophilic substitution in allo- and isosaloxazines. Nitration of methyl- substituted alloxazines, their N-oxides, and isosaloxazines. p. 607.
Zhdzha, G.P., Kruglakova, K.K. - Mechanism of decomposition of thymine and cytosine hydroperoxides. p. 611.
Krivon, S.V. - Pyrolysis reaction. p. 615.
Mironov, V.I., Nikolaev, N.I., Chuvpova, G.G. - Mechanisms underlying the elementary acts of phenol oxidation. p. 618.
Pavlov, I.A.M., and others. - Catalytic properties of polymers with ethynyl and cumulated groups in the chain. p. 622.
Shneider, I.A., Iversov, O.A., Nalbandian, A.D. - Oxidation of methanol initiated by nitric acid vapors. p. 628.
Iasnik, B.G. - Heterohomolytic mechanism of oxidation of aldehydes. p. 628.
- PHYSICAL CHEMISTRY:**
Braginskii, R.P., and others. - Principles of structural-chemical thermal stabilization of crystallizing cross-linked polymers. p. 632.
Labinov, A.V., Kozonko, V.P., Kogarko, S.M. - Burial of prolaminary unprepared dust-gas systems behind reflected shock waves. p. 635.
Morzhanov, A.G., Zolotarev, E.G., Abramov, V.G. - Degenerated processes of thermal explosion. p. 639.
Miskina, T.A., Viskova, N.A., Kolesnikova, K.N. - Kinetics of reactions of metallic sodium with saturated alcohols, their benzene, dioxane, and aqueous solutions. p. 643.
Narov, M., Vasil'ov, St., Kabanov, V.I. - Aging of high density polyethylene under mechanical stresses. p. 646.
Senchenkov, R.P., Chibrikov, K.V. - Mechanism underlying silver ions in the reduction of single crystals of silver bromide. p. 640.
Toktakov, F.M., Zakumayeva, G.D., Sokol'skii, D.V. - Adsorption phenomena on platinum studied by the potentiostatic method. p. 652.
Khrizhenko, S.V., Volchukin, S.I. - Use of Green's function in computing the properties of atoms on the perturbation theory. p. 655.
Ishchikov, I.U.V., and others. - Exchange interaction and structure of anhydrous substituted copper alkanoates. p. 659.
- CHEMICAL TECHNOLOGY:**
Kafarov, V.V., Shostakov, V.V., Zhelezova, G.L. - Determination of the characteristic parameters of a mathematical model in a packed bed. p. 662.
Korner, V.A., and others. - Stereospecific polymerization of 1,3-butadiene in a polar medium. p. 665.
Talmi, S.L., Shponzor, N.P., Ridgway, V.K. - Colloid solubility of natural resins and synthetic high-molecular compounds in water. p. 668.
Shepovskii, A.A., and others. - Equilibrium in dissolution of solid solutions of iron titanate and magnetite titanate. p. 672.
- GEOLOGY:**
Viskovskii, I.U.A., and others. - Nature of interrelationships of basic equilibrium parameters in the interior of oil- and gas-bearing basins. p. 675.
Gulzhovskii, A.A. - Ulyssidy graben and prospects of finding oil and gas in it. p. 679.
Mondol, S.P., Grekov, I.I., Ischenko, T.A. - Find of Late Devonian flora in the Karachay series (Northern Caucasus). p. 682.
Sadovnikov, G.N. - Age of lower horizons of the Turgai complex. p. 684.
Sidorov, A.V., Ozhogin, V.A. - Using an aerial photographic survey for determining the primary genesis of deep metamorphosed alkali rocks of the Kola Peninsula. p. 687.
Suklenko, O.D. - First finds of Foraminifera in southern eastern Mongolia. p. 691.
Klibka, A.N. - Conditions governing the formation of Delta sediments in Moldavia. p. 695.
- HYDROGEOLOGY:**
Korol'shchik, V.N. - Comparative characteristics of the content of benzene in formation waters of Mesozoic complexes of southern Mangystad and eastern Caspian. p. 697.
- MINERALOGY:**
Zolov, I.A., Sidorov, G.A. - Magroshin godrite from the southwestern Pamirs. p. 700.
Kovach, A.A., Ushchapovskii, Z.F., Loboda, V.S. - First find of godolite in Siberia. p. 704.
- PETROGRAPHY:**
Zuritskii, P.V. - Find of so-called faunistic and mixed coal balls in coals of the Donetsk Basin. p. 707.
Fominykh, V.G., Gukhidi, I.I. - Magnetic properties of titanomagnetites of titanomagnetite deposits of the Urals. p. 710.
- GEOCHEMISTRY:**
Znamenski, N.D., Trafnova, M.V. - Distribution of lead in different genetic types of granitoids of the Urals. p. 713.
Pillipchuk, M.F. - Distribution of titanium in modern sediments of the Black Sea. p. 715.
- HISTOLOGY:**
Alekandrovskaya, M.M., and others. - Morphological reconstruction of neurite as affected by ionized functioning of nerve centers. p. 719.
- GENETICS:**
Gol'dman, I.I., Dobrynnov, B.S. - Karyological analysis of the reaction of tissue incompatibility. p. 723.
Salganik, R.I. - Possibility to control the mutation process by applying chemical mutagenous reagent mainly with nonfluorinated DNA following local changes in the state of DNA in cells. p. 725.
- BIOPHYSICS:**
Kardashov, V.L., Gerasimov, O.K. - Some new data on biological effect of microwaves. p. 730.
- BIOCHEMISTRY:**
Akulova, R.A., Mukhin, E.N. - Participation of plastocyanin from *Pisum sativum* L. leaves in the photo-reduction of NADP by chloroplast fragments. p. 734.
Petrovskii, A.A., Archakov, A.I., Burmanov, N.P. - Variation in unproliferated activity of nonspecific esterase determined by p-nitrophenylacetate in the liver of rats affected by leishmania. p. 738.
Sapozhnikov, D.I., Dilova, S.A., Ivantsov, L.V. - Effect of some metabolism on opacification reaction of xanthophylls. p. 742.
- PLANT PHYSIOLOGY:**
Kryukov, M.S., Dolzovskaya, T.A., Kulov, I.S. - Relationship between RNA metabolism and polyphosphates in some fungi. p. 746.
- ZOOLOGY:**
Drozdovskii, E.M. - Comparative study of initial stages of egg division in nematodes. p. 750.
- EXPERIMENTAL MORPHOLOGY:**
Polezhaev, L.V., Tychkov, S.I.A. - Restoration of the regenerative capacity of axotomized extremities, suppressed by X rays, by tissue heterotransplantation method. p. 754.
- PHYSIOLOGY:**
Popova, L.A., Shulaev, T.P. - Effect of X rays on the functional activity of isolated hippocampus neurons. p. 758.
Tomilina, N.A. - Role of the functional state of bioregulators in the regulation of intercellular liquor volume. p. 761.
- EMBRYOLOGY:**
Zotina, A.I., Vorob'ova, T.N. - Glucose oxidation as a source of energy required for egg division in sea urchin. p. 764.
- Vol. 180, no. 6, 1966.
Table of contents translated:
- MATHEMATICS:**
Voronevskaya, E.V. - Structural properties of some determining functionals. p. 1271.
Gudkov, A.K. - Boundary value problem for linear parabolic equations with discontinuous coefficients. p. 1275.
Zhdakov, E.P. - Solution of nonlinear integral equations by introducing a continuous parameter. p. 1279.
Ivlev, E.T. - On n-dimensional surfaces in projective space. p. 1283.
Karateuba, A.A. - Sums of characters and primitive roots in finite fields. p. 1287.
Iezner, I.G. - Coefficients of extremal polynomials and Chebyshev alternances. p. 1290.
- MILITARY:**
Milin, I.M. - Neighboring coefficients of univalent functions. p. 1294.
Narzuliev, Kh.N. - Mikowski's problem relative to a system of nonuniform linear forms. p. 1298.
Rasulov, M.L. - Solution of the Cauchy problem and a mixed problem for a parabolic system. p. 1300.
Rusanov, V.V. - Difference schemes of third-order accuracy for a through count of discontinuous solutions. p. 1303.
Slugin, S.N. - Analog of the topology of measurable function space in a K-linear with a unity. p. 1306.
- CYBERNETICS AND REGULATION THEORY:**
Larichera, V.V., Rezn, M.V. - Multivalency of extremal solutions in optimal control problems. p. 1309.
- MECHANICS:**
Bollay, I.U.N., Kanyshov, N.V., Leonov, V.D. - Characteristics of the scattering of fast beams of O and N atoms on NO and CO molecules. p. 1312.
- HYDROMECHANICS:**
Riekman, V.A., Shalurov, G.F. - Parametric instability of the surface of a liquid in a variable electric field. p. 1315.
- THEORY OF ELASTICITY:**
Lefebvre, V.L., Danilovskaya, V.I. - New class of exact solutions of a biharmonic problem for a half-strip. p. 1319.
- ASTRONOMY:**
Braude, S.I.A., and others. - Characteristics of the spectra of cosmic radiation sources in the decimeter radio wave band. p. 1323.
- PHYSICS:**
Brushlinskii, K.V., Gorlakh, N.I., Morozov, A.I. - Effect of finite conductivity on steady-state self-contracting plasma flows. p. 1327.
Kul'mazov, S.D., and others. - Characteristics of a mode-locked laser. p. 1331.
Mungatlov, G.G., Podgornyi, I.M. - Simulation of the earth's magnetic field. p. 1333.
Semenovskii, S.V., Umanskii, I.A.S., Fishkis, M.I.A. - Some anomalies in the temperature dependence of the thermal diffuse scattering of X rays by nickel. p. 1337.
- TECHNICAL PHYSICS:**
Volkov, G.M., Egorova, E.T., Porvosenov, V.P. - Effect of the surface relief of sedimentation on the formation of structure and mechanical strength of carbon deposits. p. 1340.
Kasankin, D.S., Grinuk, V.D., Gaidaronko, A.I. - Direct electron-microscopic study of the fine structure and deformation mechanism in ring spherulites of polyethylene. p. 1344.
- CRYSTALLOGRAPHY:**
Ragdalev, Kh.S., and others. - Absorption, luminescence, and induced outflow of YVO₄ · Nd³⁺ crystals. p. 1347.
Gorobets, D.S., and others. - Univalent europium in NaCl · Eu and KCl · Eu. p. 1351.
Kuznetsov, V.I., Kharin, G.G. - Studying the nonisothermality of faces of growing and dissolving Rochelle salt crystals grown from solutions. p. 1354.
- CHEMISTRY:**
Gagarinskii, I.U.V., and others. - Chemical shift of F19 N.M.R. in two ALF modifications. p. 1357.
Gol'danskii, V.I. - Structure of the eighth period of the D.I. Mendeleev system. p. 1360.
Zaitov, N.S., Shokhtunov, N.M. - Conformation and anomeric effect in the series of 2-substituted tobrhydroxyranes. p. 1363.
Zolov, I.U.A. - Coextrusion and suppression of extraction of complex metal acids. p. 1307.
Kul'man, M.I., Purnee, Z.N., Kurbanov, D.N. - Splitting of disulfides in ionic hydrogenation. p. 1370.
Ravich, M.I., Dorovina, F.E. - Solubility of sodium carbonate in water at elevated pressures within 475-540°C temperature range. p. 1372.
Shostakovskii, M.F., and others. - Intramolecular hydrogen bonds in oxoalkylvinyl ethers and 2-oxoalkylvinyl sulfide. p. 1378.
Shatalov, A.I., and others. - Relative reactivity of CH bonds in isomeric methylmercaptoliphenones. p. 1379.
Iasnik, K.B., Dudarin, I.I. - High rate reaction between some rare earth elements and xylenol orange studied by the method of temperature jump. p. 1383.
- PHYSICAL CHEMISTRY:**
Anisimova, V.I., Krotova, N.A. - Change of adhesion and the electric characteristics of the germanium surface being modified by alkylchlorosilanes. p. 1385.
Belopolskaya, T.V. - Low-frequency absorption spectra of polymers of the methylene series. p. 1389.
Novikov, S.S., and others. - Conditions for powder extinction studied by the method of "freezing" of the combustion zone. p. 1391.
Piskarova, E.P., Erenburg, E.G., Poddubnyi, I.A. - Determination of optical anisotropy of polymer chains by means of light scattering. p. 1395.
Piskunov, A.K., and others. - Photochemical reactions in frozen solutions of some amines. p. 1398.
Rakova, G.V., Kuznetsova, V.I., Endokopian, N.S. - Kinetics of trioxane polymerization in the presence of added water. p. 1402.
Chornoklikski, D.D., Dairamov, R.B., Kamal, Gilm. - Effect of the nature of solvent on the reaction rate of triphenylarsine with butyl iodide. p. 1408.

- Shalla, V. V., and others. - Catalytic oxidation of hydrogen on platinum by means of E. P. R. p. 1468.
- CHEMICAL TECHNOLOGY:**
- Bednikov, P. P., Pivarski, I. U. F., Gorobets, F. T. - Strength of quartz ceramics as influenced by sintering and crystallization. p. 1411.
- Bul'nenko, N. A., Flisul', V. I. - Formation mechanism of dimer complexes in strongly alloyed germanium and silicon. p. 1415.
- Gupalo, I. U. P., and others. - Separation mechanism in the concentration of loose materials in curvilinear flows. p. 1419.
- Chizhikov, D. M., Kusaev, I. U. I., Tsvetkov, I. U. V. - Reduction of copper, lead, and zinc oxides by methane. p. 1422.
- GEOLOGY:**
- Bilinskii, G. M., Dubinovskii, V. L., Makaresku, V. S. - Role of submeridional faults in the formation of structures in the Prut-Dniester interfluvium. p. 1425.
- Bogolepov, K. V. - Correlation of tectonic movements in the lateral series of coetaneous geological structures. p. 1429.
- Danilovich, L. G., Timoshkova, L. P. - Ignimbrite-ash formations in Transcarpathia. p. 1432.
- Dukhovskii, A. A., Nikol'skii, Zh. D., Rozhdanovskii, I. U. P. - Division of granites intrusives of the Akchatau complex in central Kazakhstan in correlation with their ore potential. p. 1435.
- Pisannikova, E. L., Dubetkovskii, S. G. - New data on the stratigraphy of Upper Bavyd sediments in the upper Vytka and Kama basin. p. 1439.
- Suprunenko, O. I., Dolin, G. P. - Sublatitudinal faults of eastern Kamchatka. p. 1442.
- Chumakov, N. M. - Nature of the Late Precambrian glaciation of Spitsbergen. p. 1446.
- MINERALOGY:**
- Samoylovich, L. A., Khetchikov, L. N. - Correlations between pressures, temperature, and density in aqueous solutions of sodium chloride and potassium chloride. p. 1450.
- Solov'eva, L. P., Bakukin, V. V. - Crystal structure of "boracite" $\text{Ca}_2\text{Mg}(\text{B}_2\text{O}_6)(\text{OH})_2[\text{CO}_3]_2$. p. 1453.
- PETROGRAPHY:**
- Fershtaler, G. B. - Feldspars of granulites of the Urals as indices of their formation conditions. p. 1457.
- GEOCHEMISTRY:**
- Dolfin, L. M., Mulinov, B. N. - Coexistence of two liquid phases at high temperatures. System sodium chloride - albite glass. p. 1460.
- Starubinski, I. S. - Connection between the distribution of geochemical types of oil and the tectonic conditions. p. 1464.
- PALEONTOLOGY:**
- Dorofeev, P. I. - Fruit of the genus *Limmocarpus* C. Roid from Paleocene sediments of the U. S. S. R. p. 1467.
- GENETICS:**
- Rubbin, B. M., Tarasov, V. A. - Cytogenetic effect of laser radiation of 6328 Å wavelength in *Allium fistulosum* L. sprouts. p. 1471.
- VIROLOGY:**
- Sil'gansk, R. I., and others. - Inhibition of RNA synthesis and tick-borne encephalitis virus reproduction under the influence of ribonuclease. p. 1473.
- IMMUNOLOGY:**
- Rokhin, O. V., Krumacheva, R. P. - Effect of N-antigenic glycosides on the formation of antibodies. p. 1476.
- BIOPHYSICS:**
- Bell, L. N., Fedenko, E. P., Mil'gram, V. D. - Optimum energy output in photosynthesis. p. 1480.
- Iufarov, V. P., and others. - Electron paramagnetic resonance spectra of free radical products of the reaction between anhydride and peptides. p. 1484.
- BIOCHEMISTRY:**
- Bronovitskaya, Z. S., Krotovich, V. L. - Male dehydrogenase in soybean cotyledons. p. 1488.
- Kozlov, I. V., and others. - Ocellographic polarography method for studying enzymic kinetics. Hydrolysis of p-nitrophenylacetate catalyzed by chymotrypsin. p. 1492.
- PLANT PHYSIOLOGY:**
- Korovin, A. I., Glikin, A. K. - Absorption of ammonium and nitrate nitrogen by plant in relation to rhizosphere temperature. p. 1495.
- Krupnikova, T. A., Drank, L. I., Shkol'nik, M. I. A. - Phenol carbonic acids of *Zen may* L. p. 1497.
- EXPERIMENTAL MORPHOLOGY:**
- Borsuk, R. A., Popov, V. V. - Significance of light and darkness in regeneration of the crystalline lens in *Triturus cristatus*. p. 1500.
- PHYSIOLOGY:**
- Guliev, P. I., Znotin, V. I., Shippenbakh, N. I. A. - Electroneurogram of the nerve, muscle, and heart of a frog, and the heart and muscles of man. p. 1504.
- EMBRYOLOGY:**
- Kardovandze, I. L. - Disturbance of embryogenesis following partial denervation of the uterus at different periods of rat pregnancy. p. 1507.
- Zaitsev, D. E. - Solvable groups of finite rank. p. 13.
- Ivanovich, M. D. - Estimation of solutions of general boundary value problems for parabolic systems in C_1 topology. p. 15.
- Kaltina, V. M. - Analogs of Starling's formula. p. 18.
- Romashovskii, I. V. - Use of linear extension in solving integral extremum problems by iterative methods. p. 22.
- Slugin, S. K. - Extension of normal topology to a K-space. p. 26.
- Turkin, M. F. - Order of approximation of functions by normal Zygmund averages. p. 24.
- Iankov, V. A. - Derivation of a sequence of strongly independent superinfinite propositional calculi. p. 33.
- CYBERNETICS AND REGULATION THEORY:**
- Craenickii, E. S. - Relationship between certainty indices in linear steady-state controlled systems. p. 35.
- Omarovskii, P. F. - Iterative principle of constructing multifactorial automatic control systems. p. 38.
- MECHANICS:**
- Kuznetsov, G. E. - Making allowance for the extension of arctic areas in studying the optimum passage between close nearly circular coplanar orbits. p. 42.
- PHYSICS:**
- Gaidukovich, S. M., Kreinin, L. B. - Possible mechanism underlying the formation of complex radiation defects in silicon produced by electron bombardment. p. 46.
- Maslova, E. S., Molochanov, V. A., Rakhmatullina, A. Kh. - Energy distribution of light ions scattered by solid surfaces. p. 49.
- Uomanov, I. U. A. - Generalization of equations describing the gravitational field. p. 53.
- Semenov, V. A., and others. - Studying the ordering of interstitial atoms in solid solutions of hydrogen in metals of the 11th group. p. 59.
- Tsyrenbaev, V. M. - Spontaneous excitation of magnetic fields in a turbulent plasma. p. 60.
- Shelest, V. P. - Algebra of meson currents in a model of free electron quarks. p. 63.
- TECHNICAL PHYSICS:**
- Adamevskii, A. A., Bekhtov, I. A., Mikhailov, V. S. - Positron annihilation in deformed alloys on a nickel base. p. 68.
- Akhmetiev, E. I., and others. - Asymmetrical plasma meter for studying subnanosecond electron processes in semiconductor. p. 72.
- Ernskov, G. A., Nadjomov, E. M. - Photomobility of dislocations in irradiated potassium chloride crystals. p. 76.
- Paton, B. E., and others. - Dissolution of nitro gases in a solid metal in the process of spontaneous cleaning of its surface. p. 79.
- CRYSTALLOGRAPHY:**
- Gendler, S. Sh., Ulanitskii, N. H., Ustin, N. I. - Isomorphous composition of crystals of substituted ferrites. p. 83.
- Minkukh, I. U. V., Mironov, K. I. - Mechanism underlying the polymorphic transition from the crystal lattice to random crystalline state. p. 88.
- Sinorov, M. A., Egorov-Tsimenko, I. V., Pukov, N. V. - Crystal structure of the Na₂Co₂(SO₄)₂·2H₂O. p. 92.
- CHEMISTRY:**
- Dudet, I. G., and others. - Mechanism of isomerization of isomethyl cation. p. 97.
- Colovnia, R. V., Zhuravleva, I. I., Aksenov, I. V. N. - Thermodynamic characteristics of the reaction of anionic alcohols under conditions of gas-liquid chromatography. p. 100.
- Zakharov, I. P., Anokhin, I. K., Aver'yanova, I. A. - Electromagnetic effect of alkyl groups. p. 103.
- Kharas, A. A., and others. - Preparation of pyridine complexes of nickel sulfide and selenium and the study of their resistance to heat. p. 107.
- Marov, I. N., and others. - Electron paramagnetic resonance of thioacetate-thiourea complexes of molybdenum (IV). p. 111.
- Mironov, V. F., and others. - β-decay of N-allyl-substituted cyclic and linear urethanes. p. 115.
- Nikolaev, A. V., and others. - X-ray R-spectra of absorption of phosphorus in organophosphorus extractants and their relation to the structure of these substances. p. 119.
- Parafikov, I. A. - Temperature-induced isomerization of polymers in the distribution and separation of polyvinylpyrrolidone according to molecular weights in the water-n-butyl alcohol system. p. 123.
- Potomnikov, B. D., and others. - Highly active hydro-organic catalysis obtained by the reduction of noble metal salts by 1,4-dihydropyridine compounds. p. 125.
- Speys, V. I., and others. - Methods of production of neptunium in the heptavalent state. p. 128.
- PHYSICAL CHEMISTRY:**
- Anisimova, V. E., Krotova, N. A. - Electrode properties of polymer-germanium contact varying in volume conductivity. p. 131.
- Col'shcheta, S. B., and others. - Mechanism of the reaction of tertiary amines with anhydrides and chloroanhydrides of carboxylic acids. p. 134.
- Corenburg, V. P., Koffe, I. I., Klonskii, A. B. - Axonometric reconstruction of formal kinetics (case of first-order reaction under isothermal conditions). p. 137.
- Kuvardze, M. N., Sokolova, N. P. - Reaction of hydrogen with carbon monoxide absorbed on platinum and rhodium. p. 141.
- Kuz'minskii, A. S., Lituchanskaya, L. I., Rukovskii, K. S. - Metacochemical interaction of rubbers with active fillers in processing. p. 144.
- Mugzenkova, V. A., Korenkov, V. F., Frenkel', S. M., and others. - Kinetics of the reaction of the polymerization of acrylonitrile with a radical initiator. p. 147.
- Rokhova, E. V., Gerasimov, S. V., Gerasimovskii, I. A. B. - Individual and cooperative adsorption of pyrene and oxygen on copper surface. p. 149.
- Finkel'shtain, A. V., Yagov, V. V., and others. - Effect and activation energy of a study of the generation of some aliphatic amines in the reaction of carboxylic acid groups. p. 160.
- GEOLOGY:**
- Bogachuk, V. V., Suganov, B. I. - Petrological and mineralogical analysis of the complexity of geological structure and its application for metallogenic purposes. p. 165.
- Kuznetsov, V. I., Ivanov, I. B. - Two stages of metamorphism in lands of the central part of the Altai region. p. 169.
- Kirichkova, A. T., Shustakov, H. I. - Study of the continental sediments of the Altai and Altai in the Verkhnaya Trough and Vilyuy area. p. 171.
- Kolodinskii, V. N. - Zhenavskaya problem. p. 175.
- Lavrenko, H. A., and others. - Physiogeography of the Subpolar region. p. 179.
- Mukhin, V. P., and others. - The distribution of granitoids in the eastern slope of the Taimyr Mountains. p. 183.
- Pavlova, T. G. - Duration of the time interval of the complex based on milligram data. p. 184.
- Solov'eva, A. A., Nedyalkova, V. I. - The role of the agent in the formation of the Oshobin. p. 186.
- PETROGRAPHY:**
- Vitina, E. I., Gephrey, A. R., Pivovarov, M. V. - The role of the magnetization of igneous rocks. p. 189.
- Chufur, M. B., Pivovarov, V. A., Pavlov, V. V. - The role of the magnetization of igneous rocks in the eastern part of the Taimyr Mountains. p. 196.
- Kulsh, E. A. - Reactional mineral alteration. p. 199.
- GEOCHEMISTRY:**
- Alshin, S. M., Gerasimov, G. M., Kuznetsov, I. I. - Chemical composition of "metamorphic"

- generalized boundary value problems of the second order with the boundary condition at the regular point. p. 534.
- Kuz'minov, V. - Test spaces for the homomorphisms of dimensionality of paracompact spaces. p. 538.
- Ladokhin, V. I. - The theory of Cramer, Lindberg, and Chibrikov for complex distributions. p. 542.
- Metel'nov, V. K. - A set of conditionally periodic solutions of a Hamiltonian system. p. 548.
- Remez, E. I. A., Shcherberg, A. S. - Determining the entire optimal solutions of a linear programming problem. p. 550.
- Romanov, V. G. - Presentation of the inverse problem to a generalized wave equation. p. 554.
- Sakharov, I. A. - Nonstationary operators with a perfectly continuous spectrum on a unit circle. p. 558.
- Usenakht, S. V. - Differential properties of solutions of quasi-elliptic equations in unbounded domains. p. 562.
- Svelekov, V. B. - The main problem in domains whose boundary is in bounded rotation. p. 565.
- THEORY OF ELASTICITY
- Kukushina, S. S. - Calculation of elastic constants from interatomic quantities for an elastic medium whose energy depends on deformation gradients. p. 569.
- ASTRONOMY
- Volkovich, V. V., Vlasov, V. I. - Radio-astronomical studies of the nature and dimensions of small-scale inhomogeneities of interplanetary plasma. p. 572.
- PHYSICS
- Vasov, V. I., Patechikov, V. E., Tsel'nik, F. A. - Some characteristics of the behavior of a rotating plasma in a trap with magnetic mirrors. p. 575.
- Kovalev, I. F., Ozolin, L. A., Vukobrat, M. G. - Main parameters of vibrational Raman spectra of cyclic polydimethylsiloxanes. p. 577.
- Lazarov, B. G., and others. - Properties of film-type Hall transducers from indium antimonide in a high constant magnetic field at the temperature of liquid helium. p. 581.
- Khalil, L. A. - Permissibility conditions for the distribution of unstable particle masses. p. 581.
- TECHNICAL PHYSICS
- Samm, B. H., and others. - Anisotropy of adsorption-induced reduction of strength in lead single crystals. p. 587.
- CRYSTALLOGRAPHY
- Maksimov, B. A., Binkova, V. V., Belov, N. V. - Crystallographic structure of K₂Y₂trichloride K₂Y₂(SO₄)₂. p. 591.
- Smolin, L. I. - Crystallographic structure of barium tetragonalite. p. 595.
- CHEMISTRY
- Ramanov, S. S., and others. - Synthesis and properties of copper, bromine, and iodine compounds. p. 599.
- Zakharov, M. I., and others. - Mechanism of interaction between dihydroethanol and isopropyl alcohol. p. 603.
- Zakharov, Zh. G., Mikhlin, S. A., Kargin, V. A. - Polymerization of maleic anhydride. Properties and structure formation of polymaleic acid and its salts. p. 607.
- Kozlov, D. G., Mikhaylovskaya, G. A. - Formation of carboxylic acids in the reaction of water-soluble carbonyl compounds with 2-oxo-1,3-dicarbonyl compounds in the presence of water-soluble acids in aqueous solution. p. 611.
- Savits, S. D., and others. - Action mechanism of some metal-organic compounds. p. 613.
- Spirin, V. I., Znamenskii, I. V., Ponomarev, I. V. - Mechanism and kinetics of palladium reduction from chloride solution by carbon monoxide. p. 617.
- Shepanova, B. N., Kozmina, E. M. - Total synthesis of 1-β-D-xylofuranosylsucrose. p. 619.
- Syrkin, A. K., and others. - Structure of nitro-radical of dihydroanthracene. p. 621.
- Tel'nikov, G. A., and others. - Notational isomerism of C₁₂ - substituted aliphatics of the dehydro-olefinic series. p. 624.
- PHYSICAL CHEMISTRY
- Dartunov, G. M., Tsyganov, A. D. - Study of the structure of inorganic glasses and glass fibers by means of nuclear gamma resonance. p. 627.
- Maglov, I. P., Zharovskii, B. N., Zlot, G. G. - Low-temperature selective adsorption of H₂ and D₂ on ortho-pure modifications. p. 630.
- Egorov, V. K. - Diffusion kinetics of first-order reactions in multicomponent systems. p. 634.
- Zinin, A. A., and others. - Role of flame initiation in the burning of metalized mixtures. p. 637.
- Namedalov, G. M., and others. - Isomerization kinetics of pseudocumene over an aluminum chloride catalyst. p. 640.
- Rozin, A. M., and others. - Extraction by neutral organophosphorus compounds studied by means of nuclear magnetic resonance of phosphorus. p. 644.
- Trel'takov, I. I., Shub, B. R., Sklarov, A. V. - Thermal dissociation of nitrogen and ammonia synthesis from atomic nitrogen on pure iron. p. 648.
- Shapiro, B. I., and others. - EPR spectra of the oxidation products of mixtures of some 1,4'-substituted diphenylmethanes. p. 652.
- Shapovalov, V. A., and others. - Formation and transformation of radicals in frozen aqueous solutions of starch under the effect of Co⁶⁰ gamma rays. p. 655.
- Iurzhko, A. I., Andor, I. A. - Stabilization of polymerizing emulsions by polyelectrolyte dispersers. p. 658.
- CHEMICAL TECHNOLOGY
- Evstropov, P. P., and others. - Microstructure of porous percolase-spirochite refractories. p. 662.
- Govorov, A. A., Ovrutskanov, N. A., Orlov, E. V. - Hydration solidification of concentrated dia-

peratures in the system $\text{CaO} - \text{MgO} - \text{Al}_2\text{O}_3 - \text{SiO}_2$ in equilibrium. p. 665.

Silnikova, G. A., Shmidt, I. A., A. A. Volynskaya, H. I. - Exchange decomposition reaction of substituted phenyl-*N*-phenyl carbamates with hexanol in *o*-chlorobenzene. p. 669.

GEOGRAPHY

Babynshv, A. P., Bylinnikova, L. M., Mestcheriakov, I. A. - Problems of interregional interpolation in geography as exemplified in the evaluation of rates of modern tectonic movements according to geological and geomorphological indications. p. 673.

GEOLOGY

Dolizhnev, V. S., Lagutova, E. Z. - New data on the age of the folded basement within the Ishkul'skaya Valley of the West Siberian Plain. p. 676.

Dukachuk, P. D., Litovskaya, H. A. - Stratigraphy of Lower Cretaceous sediments in the Vengra region (south of the Moldavia S.S.R.). p. 679.

Vinkov, P. K. - Argillaceous intercalations of the Pechayevskaya basin region as indices of development stages of the weathering surface on the adjacent land. p. 681.

Vinkov, E. V., Gorskova, V. I., Ushakovskaya, Z. M. - Interrelationship of kaolinites, feldspars, and oil content of the structures of the Salymskoye Upland in Western Siberia. p. 684.

Kuznetsov, V. I. - Lower Tertiary of Turkey and adjacent regions. p. 688.

MINERALOGY

Korotkov, A. N., Skovronskiy, N. V. - Fielding figures of radiation effects in minerals. p. 691.

Kangalova, R. A. - Gneiss as an index of a high degree of the alteration of sedimentary rocks. p. 695.

PETROGRAPHY

Lelchinskii, V. I. - Metaklastic rocks of the volcanic group of Karadag (Crimea). p. 698.

Makhlav, L. V., Korotkevich, A. F. - Trichite system and orderliness of outcrops in Precambrian granites of the Taymyr Peninsula. p. 702.

Noayev, I. V. - Evaluation of the alkalinity of granitoid rocks. p. 706.

Shcheka, S. A., Starostin, G. N. - Configuration of the composition of intrusions and the composition of enclosing formations, as exemplified by the study of basites and ultrabasites of Kamchatka. p. 710.

GEOCHEMISTRY

Gorov, I. I. - Nature of the formation of the "heavy phase" in the hydrothermal growth of quartz. p. 714.

Kuznetsov, V. P. - Role of atmospheric precipitation in the circulation of elements at elements between the atmosphere and lithosphere. p. 718.

Teodorovich, G. I., Konjukhov, A. I. - Relation of syngenetic bimetallicity to mineralogeochemical factors, as revealed by a study made in the Jurassic of the Karphisk Range. p. 720.

HYDROBIOLOGY

Popovskaya, G. I., Kozlovskaya, A. P. - Distribution of bottom vegetation in Lake Baikal. p. 723.

MICRONUTRIENTS

Chumak, M. D., Dickler, T. P., Kriss, A. E. - Effect of prolonged cultivation of *Barotomaria* bacteria under high pressure on their ability to reproduce under these conditions. p. 727.

BIOPHYSICS

Kolover, V. K., Kuznetsov, I. A., Skhorokov, D. I. - Paramagnetic probe method for studying cellular organelle membranes. p. 730.

Lavrov, P. F., Shvaylov, V. A. - Prolonged after-luminescence of chlorophyll in plants and the energy traps in photosynthesis. p. 733.

El'minov, I. B., Sokolovskiy, A. V., Kozlovskaya, A. V. - Synthesis of peptides, heterocyclic compounds and amino acids in the field of ultrasonic waves. p. 737.

BIOCHEMISTRY

Kuznetsov, B. E., and others. - Deamination of adenine and some of its derivatives by acellular extracts from *Azotobacter vinelandii*. p. 741.

Ostrov, A. I., Serbrenskaya, K. B., Vasil'eva, N. V. - Modeling of biological selection of supermolecular systems (enzymatic drops). p. 743.

Chigirev, V. S., Slava, V. I., Berdnikov, E. I. - Structure of peptidyl-diphosphatase glycine, isolated from lamellae of bean chloroplasts. p. 747.

PLANT PHYSIOLOGY

Molodt, G. P., Brinkov, E. A., Shtukhin, A. M. - Electrophysiological and functional activity of fluid molecules following mechanical stimulation. p. 750.

EXPERIMENTAL MORPHOLOGY

Bukharova, A. I., Iakovleva, N. D. - Regenerating skin autoradiography under different experimental conditions. p. 774.

PHYSIOLOGY

Repport, E. A., Pogorov, A. V. - Liver Histone biosynthesis in rats during different periods of ontogeny. p. 758.

EMBRYOLOGY

Dragomirov, N. I. - Gradients of the analog of temporal folicles in sturgeon. p. 762.

ENDOCRINOLOGY

Volkovich, A. A., Dedov, I. I. - Method of liberating secretion by adenohypophysis cells in frog larvae. p. 765.

AKADEMIA NAUK URSS, Kiev, Dneprovsk, Serbia A. Fiziko-tekhnicheskaya i matematicheskaya nauka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports. Series A: Physical, Technological, and Mathematical Sciences]. Kiev, vol. 30, no. 3, Mar. 1968.

Table of contents translated: Paton, B. E. - Introductory address by the President

of the Academy of Sciences of the Ukrainian S.S.R. Academician. p. 105.

Blizodid, I. K. - Development of the social sciences in the Ukrainian S.S.R. Report by the Head of the Section of Social Sciences Vice President of the Academy of Sciences of the Ukrainian S.S.R. p. 202.

Hushkov, V. M. - Summary of the development of the physical, technological, and mathematical sciences in the Ukrainian S.S.R. during the past fifty years. Report by the Vice President of the Academy of Sciences of the Ukrainian S.S.R. Academician. p. 213.

Iakymyts'kyi, K. B. - The chemical and biological sciences during the fifty years of Soviet rule in the Ukraine. Report by the Academician Secretary of the Department of Chemistry and Chemical Technology at the Academy of Sciences of the Ukrainian S.S.R. Academician. p. 224.

Kuznetsov, A. V. - Characteristic operator function of an arbitrary bounded operator. p. 233.

Kurpel', N. S. - Convergence criteria and assessment of the error in the generalized iterative method for equations in generalized metric spaces. p. 238.

Lavrenchuk, V. P. - General boundary value problems for parabolic systems with increasing coefficients. p. 238.

Malchukov, I. M. - Some methods for solution of difference equations. p. 243.

Sannikov, S. S. - Construction of multiple-valued representations of a group of rotations by unbounded operators. p. 246.

Bolechuk, D. P. - Damping of diurnal vibrations in inertial navigational systems. p. 252.

Van Fo Fi, C. A. - Theory of electromagnetic wave propagation in reinforced media. p. 255.

Hotovan, V. M. - Percolation from a channel with flat slopes. p. 259.

Karlovskaya, O. M., Starostin, M. B. - Three-dimensional boundary layer on a plate in the presence of a longitudinal eddy. p. 263.

Kalyndak, M. I. - Quasi-linear and linear equations of motion and the vibrations of a generalized fluid in an elastic medium. p. 267.

Rushchits'kyi, I. A. - Applicability of Volterra's principle in solving a problem in the plane theory of viscoelasticity. p. 271.

Chitryts'kyi, A. V. - Determining the optimum angles of glass fibers in laminated shells and plates. p. 274.

Kolodnii, V. O. - Formulation of the theory of a physically nonlinear flexure of plates orthotropic glass reinforced plastics. p. 279.

Dziana, D. I., Gladyshevskiy, I. E. I., Krypivskiy, P. I. - The compounds Co_2Ga_2 and Fe_2Ga_2 and their crystal structure. p. 282.

Samsonov, I. V., Kuznetsov, I. P. - The electronic mechanism underlying the recrystallization of transition metals. p. 284.

Kozlov, V. - International connections of the Academy of Sciences of the Ukrainian S.S.R. p. 287.

Vol. 30, no. 5, May 1968.

Table of contents translated: Bartsh, M. I. - Iterative method for solving functional equations. p. 387.

Volosyn, M. S. - Some properties of a class of integrals of the double layer potential type. p. 391.

Husak, D. V. - Distribution of the moment of attaining the maximum by a homogeneous process with independent increments. p. 399.

Kovach, I. I. - Estimation of the solution of a boundary value problem for a nonlinear system of ordinary differential equations of order 2k. p. 403.

Nestorenko, L. I. - Existence and uniqueness of the solution of a boundary value problem for a nonlinear system of ordinary differential equations. p. 407.

Popov, I. D. - Linear extrapolation of an n-dimensional homogeneous and isotropic random field as observed on a sphere. p. 411.

Ryachov, V. L., Shkharov, L. I. - R_g-functions. p. 415.

Turovets', S. P. - Best approximation in the mean of differentiable functions. p. 417.

Fedoruk, V. V. - Expansion of Green's function according to doubly branching fundamental solutions. p. 422.

Shovalov, V. M., Varkh, N. V. - Constants of the Kristoff-Schwarz integral for an arbitrary simply connected polygon. p. 430.

Iakovlev, M. F. - Method for solving a boundary value problem for an ordinary differential equation of the fourth order. p. 434.

Kuz'chevskiy, M. O., Dranshtova, I. E. O. - Kinetics of a medium with dislocations. p. 438.

Larin, V. B. - Simulation of a two-dimensional wide-band vibration bearing on the stability of a three-layer cylindrical shell. p. 444.

Babych, I. I. U. - Stability of transversely isotropic cylindrical shells. p. 451.

Pysarenko, H. S. - Generalized equations for the hysteretic loop of a cyclically deformable material within the limits of elasticity. p. 454.

Khoma, I. I. U. - Flexure of a plate with given displacements on the contour of a circular hole. p. 460.

Zubashita, V. F., Kuznetsov, M. H. - Effect of the rate of deformation on the strain diagram for complex and polyamides subjected to extension. p. 463.

Nazarenko, H. T., Ishchenko, I. I. - Decrease of fatigue strength of steel following extension. p. 467.

Proskov and prospective achievements of the Institute of Electrodynamics of the Academy of Sciences of the Ukrainian S.S.R. p. 471.

Gorskova, A. A., Shchukov, T. V. - Conference on the theory and practice of production of high quality cast iron. p. 472.

Novikov, V. D. - Fifth Scientific and Technological Conference on the Static Dynamic Strength of Materials and Construction Elements at High and Low Temperatures. p. 474.

Vol. 30, no. 7, July 1968.

Table of contents translated: Vyzuk, H. I. - Explicit methods for solving a functional equation in an arbitrary domain. p. 519.

Holovach, H. P. - Solution of an integral equation in magnetohydrodynamics. p. 533.

Ivanits'kyi, V. H. - A method for solving singular integral equations containing a Hilbert kernel. p. 568.

Kovalenko, H. H. - Solving a system of linear differential equations by the alternating method. p. 571.

Korovaychuk, V. D. - Nonlinear Chebyshev approximations in hypercomplex spaces and nonlinear extremum problems. p. 591.

Lopatin, O. K. - Asymptotic method for solving a class of systems of linear differential equations with variable coefficients. p. 600.

Martynenko, Maria D., Martynenko, M. I. - Fundamental solutions of elliptic systems in Riemann space. p. 603.

Marushyn, M. N. - A class of asymptotic laws for homogeneous two-state Markov chains. p. 611.

Morits', M. D. - Geometrical shape and local flexibility of a flexible filament with a given load along the filament. p. 611.

Nikolaev, S. I. - Analyzing the feasibility of a problem in a three-dimensional bounded problem of three bodies. p. 610.

Pokhylovych, V. O. - New special classes of radial functions. p. 620.

Frylyuk, T. I. - Nontriviality of some classes of functions analytical in a complex domain. p. 623.

Rineck, F. E. - Method of upper relaxation of the solution of the Poisson equation on a triangular grid. p. 626.

Strashynska, K. P. - Integration of equations describing fluid motion for some internal problems in aerodynamics. p. 631.

Kryzhenko, H. A., Verkin, H. I. - Stochastic and involutions and weak gravitational fields for analyzing heat transfer in boiling. p. 637.

Blotnik, H. V. - Self-regulation and self-organization of entropy flow. p. 641.

Salanov, S. K. - Analyzing the burning stability of solid fuels. p. 645.

Ushakov, V. A. - Nonlinear problem involving the motion of a cylindrical tubular shell embedded in the ground. p. 648.

G. A. Van Fo Fi, Ozorov, V. I. - On the nonlinear theory of polymer creep. p. 652.

Navryal, M. P. - Concentration of stresses near a curvilinear hole in a glass reinforced plastic plate with allowance for the time factor. p. 673.

Kaminskaya, A. O. - Kinetics of crack development in solid polymers. p. 680.

Kukhta, K. I. A., Poliakova, L. B. - Using the "BESM-2M" electronic digital computer in the approximate determination of the natural frequencies of torsional vibrations of an airplane wing. p. 684.

AKADEMIA NAUK URSS, Kiev, Dneprovsk, Serbia A. Geologiya, fizika, khimiya ta biologiya [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports. Series B: Geology, Geophysics, Chemistry, and Biology]. Kiev, vol. 30, no. 7, July 1968.

Table of contents translated: Blukarsky, L. S., Ishchenko, H. I. - Nature of the dark coloring of Middle Sarmatian limonites of the Crimean steppe. p. 670.

Volosyn, A. M. - Stratigraphy of Paleocene and Eocene sediments of the Crimean Plain. p. 583.

Dolonsko, H. N., Mats'ko, M. M., Larosh, H. I. - Tectonic limits in the structures of Dolinsk and Nizh Dolinsk and their role in the formation of oil pools. p. 686.

Ier'omenko, O. K. - Basaltic xenoliths in igneous rocks of the region of the Sea of Azov. p. 690.

Moroz, S. A. - Salinity and temperature regime of the Paleocene Sumy basin of the Dniester-Dnestr Depression. p. 694.

Porlyanov, V. B., Rozanskaya, V. I. - Prospecting for oil and gas pools in Devonian sediments of the Dniester-Dnestr Depression. p. 690.

Rubchenko, V. A. - Main elements of the tectonics of the Ukrainian Shield. p. 690.

Gryn', M. I. E. - Possibilities in using recurrent relationships in the method of collected waves. p. 694.

Baronovskiy, V. I. - Analytic solution of a direct problem. p. 690.

- problem for a finite homogeneous horizontal cylindrical. p. 668.
- O.S. - Influence of the measuring errors of the angles on the accuracy of distance determination. p. 612.
- Leva, I. M. - Characteristics of the mineral composition of Tertiary sediments of the Eastern Ukrainian Carpathians. p. 816.
- A. F. - Sequence of the isolation of hypogene fluids in the mercury deposit of the Donets Basin. p. 621.
- Utko, M. V., Romizov, I. M., Berhor, M. H. - Middle group minerals from Neogene sediments in Dnieper-Donets Depression and the margins of Donets Basin. p. 621.
- Y. F. F., Rybalko, S. I., Kornilenko, S. P. - Micro in the electron microscope study of mineral sediments of Yuzysk-Tukil deposit. p. 621.
- A. P., Sukhurnikova, S. A., Kornov, K. A. - Cationic mechanism of the copolymerization with compounds containing amino group. p. 621.
- Nov, M. V., Stryshchak, O. A., Blakynyl, A. N. - Effects of esters of amino phosphonic acids. p. 633.
- R. V., and others. - Kinetics of decomposition of bifunctional tertiary alkyl peroxides. p. 633.
- Utko, V. I., Darmograi, V. M. - C-14 glycolysis. p. 639.
- V. P., and others. - Effect of thermal treatment, irradiation, and filling on the thermomechanical properties of polypropylene. p. 642.
- V. P., Kuipa, O. A., Pashchenko, O. O. - Effect of swollen particle in a medium of solid-liquid cement. p. 646.
- Chukryi, S. H., Tkachenko, V. G., Lavova, V. A. - Isomorphous substitution of magnesium in hydroxyl fluorapatite. p. 646.
- V. P. - Endochondral ossification in Lathyrus. p. 653.
- Nov, M. V., Rudinov, D. F., Smeltanets, V. P. - Antiprotective substances of conifers used against injurious insects. p. 657.
- Medical study of metabolism and its regulation in rats. p. 660.
- Development of research in the field of theoretical aspects of the structure of marine biocoenoses and characteristics of matter and energy transformation in them. p. 666.
- Realizing the tasks of the Academy of Sciences of the Ukrainian S.S.R. concerning publications devoted to the 50th anniversary of the Soviet rule. p. 666.
- State and future development of sclerolite research in the field of radiation physics and chemistry and its introduction into industry by the Institute of the Academy of Sciences of the Ukrainian S.S.R. p. 663.
- Collection of scientific research results by the biological sciences of the Academy of Sciences of the Ukrainian S.S.R. into medical practice. p. 664.
- Anonymous information. p. 666.
- I. A. - Conference on problems of the study of the earth as a planet by methods of astronomy geophysics. p. 668.
- Donomko, A. P. - All-Union conference on wildlife resources. p. 670.
- Shcherbakov, L. - Ukrainian sclerolite coordination conference of parasitologists. p. 671.
- IA NAUK BSSR, Minsk, Belukly [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R.]. Minsk, vol. 12, no. 5, May 1968.
- Table of contents translated:
- Utko, I. M., Naumova, I. I. - Necessary optimality conditions in dynamic systems. p. 384.
- Utko, I. A. - On commutative nilpotent matrix algebras. p. 397.
- Utko, I. M. - Extremum of quadratic and linear forms on the symmetric group S_n . p. 397.
- Utko, I. M., Kravtsov, L. N. - Algorithms and the extremum of a linear form on a set of all complete cycles in particular cases. p. 401.
- Utko, I. M., Kravtsov, L. N., Men'shikov, I. M. - Studying the temperature behavior of the heat losses in pulse type lasers with temperature-dependent thermophysical characteristics. p. 405.
- Utko, I. M. - Calculation of the composition of the intercomponent equilibrium plasma. p. 409.
- Utko, V. A., Kiselevskii, L. I. - Fracture of metals by a pulse jet. p. 413.
- Utko, A. I., Derzhina, G. M., Shiba, K. - Influence of fast neutron bombardment on photochemical effect in silicon. p. 417.
- Utko, I. N., Dymov, I. V. - Effect of the lighting oil by water on changes in the strength of a concrete during cyclic saturation by a KCl solution. p. 419.
- Utko, V. P., Utkov, K. V. - Thermal deformations of blank and die during hot extrusion. p. 424.
- Utko, E. G., Gik, L. A. - Highly efficient catalytic converter. p. 426.
- Utko, N. S., Kozlov, T. A. - Catalytic synthesis of polyacetylene. p. 432.
- Utko, V. A., and others. - Effect of electrolytes on the structural changes of reagent solution used in the flotation of potassium ores. p. 435.
- Belopetrov, M. A., Smirnova, T. V. - Effect of century-long aging on the structure of silica glasses. p. 439.
- Utko, K. I., Vozniachuk, L. N. - Glacial complexes of the Quaternary formation of White Russia. p. 443.
- Utko, N. A., Nalov, A. V. - Cross section of ancient Pleistocene sediments of village Mordov of Grodno Province. p. 446.
- Mikhajlovich, A. I. - Equation of current function for calculating two-dimensional steady-state gas flow in heterogeneous soils. p. 453.
- Maslovskaya, V. P., and others. - Solubility groups of compounds of different origin. p. 457.
- Volynskiy, V. A., Kovalev, V. P., Khodakov, S. M. - Effect of chemical growth regulators on qualitative changes in the respiratory chain of plant mitochondria. p. 460.
- Protokopchuk, V. A. - Alkaline phosphatase activity in tissues of the uterus with the small intestine. p. 463.
- Utko, I. V. - Irradiation in the epineurial nerve with the cathode ray vacuum tube. p. 466.
- Zinovieva, L. N., Lennikov, A. I., Kravtsov, M. P. - Pathology of experimental allergic rhinitis, rhinitis. p. 469.
- Korotkiy, M. E. - Modeling myosin in rats by ethylbenzene salt of 2,4-dichlorophenoxy-acetic acid. p. 473.
- Vol. 12, no. 6, June 1968.
- Table of contents translated:
- Utko, V. G. - One case of the Riemannian boundary value problem with infinite delay. p. 497.
- Utko, V. P. - A problem for finitely generated groups. p. 497.
- Makarevich, A. I., and others. - Microfibrils of silicon single crystals irradiated by fast neutrons. p. 495.
- Utko, S. A., Kapatek, L. N. - On the completeness of a chemical reaction. p. 498.
- Khodakov, A. I., Ivanov, A. P. - Destruction of self-luminous objects with a high-temperature laser beam diagram in a scattering medium. p. 503.
- Utko, I. N., Utkova, L. B. - Strength of cement stone and concrete in the water-saturated state. p. 506.
- Utko, V. P., Katsina, B. A. - Removing of stains from a book during transverse folding with the help of a steam gauge. p. 510.
- Utko, G. A., Khavich, V. A. - Determining the water jump in a river bed with variable bottom relief. p. 513.
- Treier, H. N. - Principles of the simultaneous evaluation of reliability and durability of machines and apparatus. p. 517.
- Utko, I. M., Utkov, I. P. - Degradation and inhibition of polyethylene degradation at high temperatures. p. 522.
- Korotkiy, N. S., and others. - Controlling the porous structure of lead aluminum oxide. Effect of gelatin addition on the texture of active aluminum oxide. p. 527.
- Utko, I. V., and others. - Ratio between anhydrous bright blue modification and copper for metal tetrahydroxy. p. 530.
- Utko, I. I., Kulkov, V. I., Chumak, L. S. - Study of different solid carriers for carrying out gas-liquid chromatography of terpenes. p. 534.
- Utko, K. I., Vozniachuk, L. N. - Glacial complexes of the Quaternary formation of White Russia. p. 539.
- Utko, L. A., Gavrilin, A. I. - Duration of the formation of the meteoric weathering surface of the Southern Ural. p. 543.
- Shcherbakov, V. A. - Structural changes in wheat straw as affected by chlorocholcholide (CCC). p. 546.
- Utko, B. B., Laktionova, L. I. - Changes in the biological and active in pine stands as affected by perennial many-leaved lupine. p. 549.
- Utko, M. N., Utkovich, T. A. - Effect of chlorine ions on the conjugation of oxidation and phosphorylation in potato leaves. p. 553.
- Utko, I. I., Pukhov, A. T. - Content of N-acetyl-L-aspartic and gamma-aminobutyric amino acids in the brain following X-ray irradiation. p. 556.
- Utko, N. P., Zhuravskaya, V. V., Korotkiy, M. M. - Vacuole effect on ubiquinone level and oxidative phosphorylation in rat liver mitochondria. p. 560.
- Utko, L. I., and others. - Peroxidase activity and respiration intensity in sugar beets of different ploidy. p. 563.
- Utko, A. L., Sazonenko, T. P. - State of hemolysis barrier in experimental allergic encephalomyelitis dynamics. p. 566.
- Utko, M. P. - Effect of hydrocortisone, dexamethasone, and adrenocorticotrophic hormone on giant cells of the developing rat adrenal gland. p. 570.
- Vol. 12, no. 7, July 1968.
- Table of contents translated:
- Utko, N. V. - Existence of a periodic solution of a certain four-dimensional system. p. 583.
- Utko, P. I. - A variant of the rotation method. p. 588.
- Utko, R. - Necessary conditions of optimality for systems described by partial differential equations. p. 591.
- Utko, A. I., Arkhipov, B. M. - A linear periodic boundary value problem for a system of two equations of the first order. p. 593.
- Utko, V. A., Poinberg, V. Z. - On the order of a mapping centralizer. p. 596.
- Utko, A. S. - Principles of the numerical solution of problems. p. 601.
- Utko, A. M., Utkovich, V. A. - Laser operating on solutions of organic dyes subject to excitation by flash lamps. p. 602.
- Utko, V. M. - Some fast-polymerization and kinetic properties of triglyceride esters. p. 606.
- Utko, I. K., Utkovich, A. P. - Amphiphilic and generation in catalytic reactions. p. 609.
- Utko, V. P., Utkov, V. A. - Effect of ultrasonic vibrations on the solid limit in metal during cold extrusion. p. 611.
- Utko, I. G., Utkovich, V. A., Utkov, V. I. - Model of an anisotropic elastic solid. p. 615.
- Utko, I. V., Utkovich, T. S. - Initiating effect of copper citrate compounds in biodegradation by benzene acid. p. 621.
- Utko, R. O., Utkov, V. V., Utkov, M. M. - Intensity of the spectral lines of trace elements depending on the composition of the system $SiO_2 - Al_2O_3 - Fe_2O_3$. p. 624.
- Utko, A. I., Utkovich, L. P., Utkov, V. S. - GPR method of studying soil, peat, and rocks of different age in White Russian deposits. p. 628.
- Utko, M. M., Popyov, T. I. - Thermal decomposition in the systems lithium peroxide-sulfate of alkali earth metals. p. 632.
- Utko, I. G., and others. - Kinetic study of chemical reaction of organic acids. p. 636.
- Utko, I. G. - Verification diagram in the system $SiO_2 - Fe_2O_3 - SiO_2$. p. 639.
- Utko, I. S. - Relationship between surface and underlying formations in the northwestern part of the Tiber Trough. p. 643.
- Utko, G. V., Utkov, L. G. - Hydrochemical characteristics of the investigated waters of the Middle Dnieper in White Russia. p. 648.
- Utko, K. I., and others. - Geochemistry of iron in lake water bodies of White Russia with stable oxidation medium. p. 652.
- Utko, I. A., and others. - Cell-like phosphorylation and ultrastructure of liver mitochondria in rats with acute lipofuscinosis. p. 656.
- Utko, I. V. - Prolonged recording of impulses of peripheral nerves. p. 660.
- Utko, B. A. - Modulation of waves in the propagation of centrifugal peripheral afferent neurons. p. 662.
- EESTI LOODUS (ESTONIAN NATURE). Issued by Eesti NSV Teaduste Akadeemia [Academy of Sciences of the Estonian S.S.R.]. Tallinn, vol. 11, nos. 8-9, June-Aug. 1968. [In Estonian]
- FAN VA TURMUSII [SCIENCE AND LIFE]. Issued by Akademika nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 8(100), Aug. 1968. [In Uzbek]
- KHIMIJA I ŽIVNIA [CHEMISTRY AND LIFE]. Issued by Akademika nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 9, Sep. 1968.
- NOKSIASIR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR "Zinios" draugija ["Zinija"] Society of the Lithuanian S.S.R. Vilnius, nos. 5-7 (128-130), May-July 1968. [In Lithuanian]
- NAUKA I SUSPISTVO [SCIENCE AND SOCIETY]. Issued by Tovaryshstva "Znanstva" Ukrainy ["Znanstva"] Society of the Ukrainian S.S.R. Kiev, vol. 18, no. 9, Sep. 1968.
- NAUKA I ŽIVNIA [SCIENCE AND LIFE]. Issued by Vsesoyuznoye obshchestvo "Znanie" ["Knowledge"] All-Union Society. Moscow, no. 9, Aug. 1968.
- PHIRODA [NATURE]. Issued by Akademika nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1968.
- Table of contents translated:
- Kuznetsov, I. V. - V. I. Lenin and the philosophical problems of nature study. p. 2.
- Mina, A. L. - A 1000 billion electron volt cybernetic accelerator. p. 8.
- Dorogin, B. V., Chumov, N. V. - Do we understand water? p. 16.
- Dramlinsk, S. P. - For pure water. p. 23.
- Pakovskii, I. U. P. - Global exploration of the moon. p. 24.
- Naliv, G., Porri, L. - Resins of highly regular structure; stereospecific polymerization of conjugate diolefins. p. 38.
- Lamakin, V. V. - Origin of the Balkan depression. p. 48.
- Mil'man, L. S., Utkovich, I. U. G. - Regulation of metabolism processes in a developing embryo. p. 80.
- Klein, L. S. - Archaeology and magnetism. p. 85.
- Trofeik, O. A. - Glass strength. p. 76.
- Garber, R. I. - Experimental determination of the ideal strength of tungsten. p. 81.
- Frish, Y. A., Frish, F. V. - Aridity and conglomeration. p. 82.
- Iudin, I. A. - Severnyi Kolchit meteorite. p. 85.
- Safarov, I. S. - Endemic Pinus eldarica Medus forest. p. 88.

- Bannikov, A. G. - From preserve to a natural park. p. 89.
- Gulajenko, V. I., Rozenberg, L. E. - Conservation and tourism abroad. p. 98.
- Nikonor, A. A. - Lake Shira in Afghanistan. p. 102.
- Fedorov, A. S. - Bright page of the science of metals: the 100th anniversary of the discovery of phase transformations in steel by D. K. Chernov. p. 109.
- Ogarova, E. A. - Conferences dedicated to Vavilov. p. 116.
- Fol'dman, G. E. - Lectures dedicated to Haldane. p. 117.
- Gubarenko, L. A., Slakto, A. V. - Gravimeter in a gondola. p. 117.
- Roravkov, P. A. - Deep diver. p. 118.
- Osluvskii, I. M. - April in a sandy desert. p. 126.
- Krivonozov, G. A. - How birds survived. p. 127.
- PROBLEMY KIBERNETIKI [PROBLEMS OF CYBERNETICS].** Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physico-mathematical Literature], Moscow, no. 19, 1967.
- Table of contents translated:
- Markov, A., Nagornyi, N. - One language describing the operation of computers. p. 5.
- Rykov, A. G. - Minimal self-compensating switching circuits for functions of three variables (case of a short circuit). p. 39.
- Velukhovsky, F. I. A. - Problems on graph coverages by a proximity system of its peaks. p. 47.
- Glasolov, V. V. - Some estimates of disjunctive normal forms of functions of the algebra of logic. p. 75.
- Kralko, M. L. - Control and stable iterative systems. p. 95.
- Khrapchenko, V. M. - Asymptotic evaluation of the summation time of a parallel adder. p. 107.
- Sulimov, L. A. - Functionals characterizing the complexity of systems of subcircuit fanless functions. p. 123.
- Brulan, Kh. K., Zaslavskii, L. D., Mkrichian, L. V. - Some methods in automatic synthesis of positional strategies in games. p. 141.
- Zholkovskii, A. K., Mel'chuk, I. A. - Semiautical synthesis. p. 177.
- Alekseev, V. E. - Composition of chess games using an electronic computer. p. 239.
- Vasil'ev, I. U. P., Fomina, A. M. - Problem of representability of elements of sets. p. 245.
- Ginzburg, B. D. - One theoretical numerical function having an application in the coding theory. p. 249.
- Zhvoronkov, L. M. - Criterion on image details in the recognition of printed signs. p. 253.
- Kulmugorov, A. N., Barzdina, I. A. M. - Realization of nets in three dimensional space. p. 261.
- Kunovskiy, I. V. - Algorithm for solving a system of linear equations in finite fields. p. 269.
- Korshunov, A. D. - Evaluation of the complexity of networks consisting of the two-dimensional functional elements and three-dimensional circuits from functional elements. p. 275.
- Kravtsov, S. S. - Realization of functions of algebra of logic in one class of networks consisting of functional and switching elements. p. 285.
- Leyenshteyn, V. I. - Asymptotically optimal binary code with correction of loss of one of two adjacent symbols. p. 293.
- Malyshev, V. A. - Class of "nearly all" functions with nonlinear complexity realizable by networks. p. 299.
- Markov, A. A. - Conditions of completeness for nonuniform codes. Part 2. p. 307.
- Shinko, N. A. - Evaluation of complexity of disjunctive normal forms. p. 311.
- ZNANIE - SILA [KNOWLEDGE IS POWER].** Organ of Gosudarstvennyi komitet po professional'no-tekhnicheskoiu obrazovaniiu pri Gosplane SSSR [State Committee for Industrial Training, Attached to the State Planning Committee of the U.S.S.R.], Moscow, vol. 43, no. 5, May 1968.
- b. ASTRONOMY**
- ASTRONOMICHESKII TSIRKULAR [ASTRONOMICAL CIRCULAR].** Published by Ruru astronomicheskikh subsekcii Akademi nauk SSSR [Bureau of Astronomical Information of the Academy of Sciences of the U.S.S.R.], Moscow, nos. 318, 326, 331, 333, 336-337, 1965; nos. 356, 361, 363, 365-370, 372-377, 379-383, 385-386, 390-396, 1966; nos. 398-455, 1967; nos. 456-466, 469, 1968.
- ASTRONOMICHESKII VESTNIK [ASTRONOMICAL REVIEW].** Issued by Vsesoyuznoe astronomicheskoe geodezicheskoe obshchestvo [All-Union Astronomical and Geodesical Society], Moscow, vol. 2, no. 2, Apr. - June 1968.
- Table of contents translated:
- Velukhovsky, I. U. N., Kuz'min, A. D. - Theory of radio-frequency radiation from Mercury. p. 65.
- Gavrilov, I. V., Kistiuk, V. S. - Hypsometric levels of the lunar surface. p. 72.
- Makarenko, N. L. - On the determination of the figure of the moon. p. 81.
- Mukhametshinov, A. K. - Distribution functions according to sizes of fragments in the case of powerful explosions. p. 89.
- Kovshun, L. N. - Radiation of fireballs. p. 97.
- Divari, N. B., Komarnitskaya, M. L., Krylova, S. N. - Isophotes of the zodiacal light and its earth's component. p. 102.
- Kitysov, A. I. - Selecting the model of the photosphere by national temperatures of molecules CH, NH, OH, C₂, CN, and CO. p. 108.
- Kozhennikov, N. L., and others. - Dependence of telluric line parameters on the air mass and on the height of the observation point. p. 114.
- Bezuglova, V. D., Bararova, L. A., Leshchinskaya, L. P. - Change of bands and details on Jupiter in 1962-1965. p. 120.
- Karimov, K. A., Ogurtsov, V. I. A., Kistiuk, N. L. - Observations of the Leonid meteor shower in 1967 in Frunze. p. 126.
- PULKOVO. GLAVNAIA ASTRONOMICHESKAYA OBSERVATORIA. IZVESTIYA [MAIN ASTRONOMICAL OBSERVATORY. BULLETIN].** Leningrad, vol. 24, no. 6 (1962), 1967.
- Table of contents translated:
- Krat, V. A. - Residual intensities of the Fraunhofer lines H and K in the center of the solar disk. p. 3.
- Vasil'eva, G. I. A., and others. - Photoelectric photometry of solar granulation in several regions of the continuum. p. 6.
- Ikhmanov, R. N. - Motion of gas and of the magnetic field in sunspots and the methods of their determination. p. 62.
- Sitanova, M. I. - Some characteristics of the glow of the polar aurora. p. 81.
- Gusakov, R. E. - Interpretation of spectrophotometric data on chromospheric flares as shock waves in connection with generation of prominences. p. 89.
- Zukov, V. N. - Spectrum analysis of a bright prominence. p. 104.
- Mel'nikov, O. A. - Shifts of spectral lines, foris, and terms of a neutral iron in the case of small pressure drop. p. 117.
- Vititski, I. U. I. - Concerning the problem of fundamental laws of solar cycles. p. 140.
- Pel'man, N. N. - Violet band of the luminescence of the moon. p. 161.
- Popov, V. S. - Spectrophotometry of the lunar spectrum of some stars of the Cep type. Part 2: Quantitative analysis of atmospheres. p. 167.
- Partskii, I. U. N., Gol'nev, V. I. A., Lipovka, N. M. - Results of the observations of galactic radio sources in 8.4 cm made at the Pulkovo Observatory. p. 163.
- Isakdarov, S., Partskii, I. U. N. - Results of optical identification of radio sources at the Pulkovo Observatory. p. 176.
- Partskii, I. U. N., Gol'nev, V. I. A., Lipovka, N. M. - Preliminary results of observations of the Milky Way in 8.4 cm wavelength at the Pulkovo Observatory. p. 199.
- Sinofort, N. S. - Polarization of thermal radiation of the moon and photos. p. 205.
- Risnava, V. N. - Radiofrequency radiation of the sun during 1956-1963 in the microwave region from observations made with the large Pulkovo Radio Telescope. Part 2. p. 220.
- Chalkin, S. E., and others. - On the problem of an international radio telescope. p. 235.
- Kuznetsova, G. V. - Measuring circular polarization with the large Pulkovo Radio Telescope. p. 245.
- Frolov, V. N. - Use of the method of spectroscopic observation in determining the atmospheric dispersion. p. 250.
- Pol'shskova, G. I., and others. - Quality of star images at seven points of the Caucasus. p. 255.
- Strova, L. A., Zhukova, L. R., Galkin, V. D. - Investigation of vacuum diffraction spectrograph ASP-12. p. 258.
- Lopatin, S. K., Lopatina, V. M. - Pulse system of the programmed control of temperature. p. 265.
- REFERATIVNYI ZHURNAL: GODEZOA (Odel'nyi vypusk 52) [JOURNAL OF ABSTRACTS: GEODESY (Separate Issue 52)].** Issued by Institut nauchnoi informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Aug. 1968.
- REFERATIVNYI ZHURNAL: ISSEDOVANIYE KOSMICHESKOGO PROSTRANSTVA (Odel'nyi vypusk 62) [JOURNAL OF ABSTRACTS: SPACE RESEARCH (Separate Issue 62)].** Issued by Institut nauchnoi informatsii Akademi nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Aug. 1968.
- VILNA. ASTRONOMIJOS OBSERVATORIA. OLULONTA. Biuletėnas Vilniaus astronomicheskoi observatorii [ASTRONOMICAL OBSERVATORY. BULLETIN].** Nos. 19-20, 1967.
- ZVAIGZNOTA DEBESS [STARRY SKY].** Issued by Latvijas PSR Zinatnu Akademijas Astronoziskais instituts [Astronomical Laboratory of the Academy of Sciences of the Latvian S.S.R.], Riga, Spring, 1968. 1. Latvian.
- c. BIOLOGY**
- ACTA PARASITOLOGICA LITUANICA.** Issued by Lietuvos TSR Mokslu Akademijos zoologijos ir parazitologijos institutas and Lietuvos hidrobiologijos institutas [Institute of Zoology and Parasitology of the Academy of Sciences of the Lithuanian S.S.R. and the Lithuanian Society of Ichthyologists]. Vilnius, vol. 7, 1965.
- AKADEMIJA NAUK SSSR. MORMANSKII NAUCHNYI IZVESHCHII. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. MURMANSK NAUCHNYI IZVESHCHII. Transactions].** Moscow, no. 17 (21), 1968. 1. Biological studies in offshore regions of the Murmansk Sea.
- Table of contents translated:
- Garkavina, G. P., Pozdnyakova, L. E. - Materials on hydrochemical balance in Cheshm Bay of the Kara Sea. p. 4.
- Kosmolova, V. A. - Dynamics of zooplankton communities in the Dal'nyy Zeleny profile (Kara Sea). p. 22.
- Zol'tman, E. A. - Zooplankton biomass and its effect on the composition in Cheshm Bay. p. 30.
- Rzhepshevskii, I. K. - Benthos (Cheshm Bay, Kara Sea) in Cheshm Bay of the Kara Sea. p. 35.
- Pushkin, A. P. - Bottom communities of Cheshm Bay. p. 48.
- Gostilovskaya, M. G. - Bryozoa in Cheshm Bay of the Kara Sea. p. 58.
- Strolov, V. E. - Polychaete worms of the Kara Sea: Paronidion (Polychaeta, Sclerobothridae) of the Kara Sea. p. 74.
- Strolov, V. E. - Quantitative characteristics and feeding habits of Harpodontus hutchinsoni (L.) (Polychaeta, Crustacea). p. 80.
- Burlov, A. I., Goshova, T. D. - Fishes and marine mammals of Cheshm Bay and their fisheries. p. 91.
- Zhilonova, L. D. - Ichthyofauna of Cheshm Bay. p. 107.
- Galkin, L. A. - Reproduction and development of the common herring gull in the Murmansk Bay of the Kara Sea (Cheshm Bay). p. 126.
- AKADEMIJA NAUK TURKMENSKOI SSSR. ASTRONOMIJA IZVESTIYA. Seriya biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. ASTRONOMY. Series in the Biological Sciences].** Ashkhabad, no. 5, 1967.
- Table of contents translated:
- Biological science in Turkmenistan during the years of the Soviet rule. p. 3.
- Makimovskii, I. K. - Advances in fine-tuning of selection in Turkmenistan. p. 6.
- Rabochov, I. S., Tarnai, L. N. - Development of the improvement science in Turkmenistan. p. 11.
- Karanov, S. K. - Medical science in Turkmenistan. p. 18.
- Kuliyov, P., Mamedsharifov, O. N., Samadov, A. E. - Development of biochemical sciences in Turkmenistan. p. 26.
- Korbanov, B. B., Nergisova, N. T. - Development of research in the field of geobotany and plant resources in Turkmenistan. p. 31.
- Kogan, Sh. I. - Flora and plant taxonomy in Turkmenistan. p. 37.
- Bekker, Z. L. - Problems of faunistics and their solution and the control methods. p. 44.
- Ovezmuratov, S. O. - Results of forage plant collection in Turkmenistan. p. 52.
- Soltanov, F. F. - Summary of the research on the effect of the climate of Turkmenistan on physiological functions of the organism. p. 63.
- Tashlov, A. O. - Achilovoments and their effect on zoology in Turkmenistan. p. 71.
- Starostin, I. V. - Hydrobiological and ichthyological research in the basins of water of Turkmenistan. p. 78.
- Paletskaya, L. N. - Summary of soil microbiology research in Turkmenistan. p. 83.
- Miradov, K. - Plant introduction in Turkmenistan and its future development. p. 94.
- Lupponov, A. N. - Study of formlines in Turkmenistan and its future development. p. 101.
- EESTI NSV TEADUSTE AKADEEMIA. Toimetised. I. Oidologia. Izvestia Akademii nauk Estonskoi SSR. Biologiya [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin. Biology].** Tallinn, vol. 10, no. 2, 1967, vol. 17, no. 3, 1968.
- FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.].** Issued by Vsesoyuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society], Moscow, vol. 64, no. 1, Jan. 1968.
- Table of contents translated:
- Kuznetsov, V. S., Gushon, P. P. - Effect of the excitation of the cerebral cortex on evoked potentials and double optimum of direct current. p. 3.

o, V.D. - Reactions of a neurally isolated of the cerebral cortex on direct electric stimulation, p. 10.

M., Kojinski, V. I. - Muscular H-reflex recorded in the musculature and musculature under conditions of afferentation; and "slow" myotomeres, p. 17.

N., Savvin, N.G., Popova, D.I. - Effect of load on the cortical and cellular electrical activity in desynapticized cats and rabbits.

A. I. - Electrophysiological analysis of the effects of the centers of antagonistic muscles on the effect of focal stimulation, p. 33.

A. A. - Phagocytosis of abdominal during respiration, p. 39.

A. I. - Electrophysiological analysis of the pathways of the rheoreflexes from the abdomen, p. 47.

N., N. V. - Dynamics of zonal changes of location in the myocellulose in focal myotomeres under conditions of chronic extirpation, p. 55.

A. D., Miller, I. G. - Effect of the vertebral on the volume rate of the blood flow in the of the vertebral artery, p. 64.

N. I. - Interrelations of the motor, secretory and trophic components of the alimentary system, p. 68.

R. - Role of the vagus and abdominal nerves in development of the secretory endocrine to glucose, p. 73.

E. M. - Effect of isolation of the pylorus on discharge of bile into the duodenum, p. 81.

P. G., Kozlov, L. A., Gotsman, S. D. - Activity of different sections of the small intestine, p. 90.

G. R. O., Vengrzhavskii, P. R., Nikiforov, P. - Influence of the lipid metabolism on the of glucose and lipids in the gastritis in dogs, p. 98.

K. - Effect of the functional state of the organs on the enzymatic activity of the surface, p. 103.

M. - Evolutionary changes of vegetative in muscular tissue, p. 109.

U. D. - Phase analysis of the cardiac cycle based on ultrasonic Doppler velocimetry, p. 113.

A. I., Sungurov, P. M. - Photoelectric electrocardiography, p. 120.

V., Nalichin, I. U. V. - Automatic 10- device for measuring the active potassium in the skin in dogs, p. 122.

P. P., Bazhenov, I. U. I. - Multichannel or electrocardiography with a semi-automatic of the information, p. 126.

OGICHESKII ZHURNAL, [HYDROBIOLOGICAL]. Organ of the Institute of hydrobiology and zoology of the Academy of Sciences of the U.S.S.R., Kiev, vol. 4, no. 3, 1968.

1968.

of contents translated:

A. - Role of water agitation in the periphytic diatom development, p. 3.

A. V. - Morphology, phylogeny, and position of the system of *Lynchia* Kahl, 1933 (Ciliophora).

U. S. - Possibility of measuring the basic flow in fish, p. 10.

B. - Ecology and abundance of *Holotricha* in the *Selenga* region of Lake Balk.

M. B., and others. - Possibility of using the products in the control of blue-green

p. 35.

M. I. - Assimilation of ^{14}C -alanine and glutamic acid by some blue-green algae.

L. K. - Study of bream from the upper River, p. 60.

A. - Fossil coefficients for *Gammarus* (R.) Schaf., p. 55.

A. M. - Chironomid larvae in lakes of the group and in Lake Dolgan, p. 59.

T. D. - Use of dispersion analysis in study of ponds, p. 83.

A. E., Tabaev, T. T. - Biology and geographical distribution of *Aegagropis saueri* (Nees) Kütz.

I. - Individual fecundity and development of some mass pelagic Copepoda of the sea, p. 89.

S. A. - Seasonal changes in the chemical of Black Sea oysters, p. 72.

V. - Relationship between the size of the female (Crustacea, Copepoda) female number of eggs in oviposition, p. 70.

V. V. - Vladimir Alekseevich Vladimirov, 50th birthday and the 50th anniversary of his activity, p. 85.

of papers read at the Coordination Con-

ference on Problems of Biological, Hydrochemical, and Sanitary Study of Cooler Reservoirs of Thermal Electric Power Plants, p. 89.

ISSLEDOVANIYA FAUNY MOREI [EXPLORATIONS OF THE FAUNA OF THE SEAS]. Issued by Zoologicheskii Institut Akademii nauk SSSR [Zoological Institute of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 68(4), 1968. Nezavisimye biologicheskiye issledovaniya Sovetskoi antarkticheskoi ekspeditsii, 1955-1958 gg. [Results of biological studies of the Soviet Antarctic Expedition of 1955-1958], no. 4.

Table of contents translated: Platonov, T. A. - Free-living marine nematodes of the fauna. Lepidodermatidae from the Kerguelen Islands region, p. 5.

Table. Nemertea. Pelagic polychaetes collected by the Soviet Antarctic Expedition, p. 25.

Akhmedov, E. I. - Bryozoans of the ordera *Polysiphonia* and *Cladophora* of the Antarctic and Subantarctic regions, p. 35.

Zevina, G. B. - New and rare species of *Cladophora*, *Phaeocystis*, from the Antarctic region, p. 83.

Lomskaya, N. B. - *Camaena* of the Antarctic region, p. 87.

Blaschke, A. A. - Deep-sea Asellota (Crustacea, Asellota) from the Antarctic and Subantarctic regions, p. 141.

Zamiatina, N. A. - Harapoda (Crustacea) collected by the Soviet Antarctic Expedition in the Antarctic and Subantarctic regions, p. 153.

Ulin, N. A. - Concise guide to the zoofauna of the Antarctic and Subantarctic regions, p. 200.

Petrushchik, M. V. - List of literature on biological studies of the Soviet Antarctic Expedition, p. 255.

LITUVOS TSR AUKSTUJI MOKYKIU MOKSLO DARBAI: BIOLOGIJA. Nauklos ir tyrimu vysskioji mokykla, 1968. Lietuvos TSR Mokslu Akademijos darbai, 1968. [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R.: BIOLOGY]. Vilnius, vol. 7, 1967.

LOODSUURIJATE SELTS. Faunistilise märkmeid [NATURALISTS' SOCIETY. Faunalistic Notices]. Tartu, no. 4, 1967. [In Estonian]

MOSKOVSKOE OBNICHESKOSTVO ISPYTATELEI PRIMODY. Bulletin. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section], Moscow, new series, vol. 73, no. 2, Apr.-Apr. 1968.

Table of contents translated: Volchanskii, I. D. - Regular geographical changes in the plumage of larks and the problem of distribution history of this family, p. 5.

Eliseev, N. V. - Hunting in Moscow Province, p. 16.

Ungerson, P. I. - Changes in commercial game animals in the northern Moscow region during the last 30 to 50 years, p. 23.

Ostrovskoy, A. O. - Aerovisual census of brown bears in Kamchatka and some observations on their behavior, p. 33.

Prikladnyy, V. E. - Determination of the age of Sika deer based on the lamination of hinds' cement, p. 51.

Sazonov, O. N. - Fauna and ecology of mosquitoes in southern Moscow Province, p. 63.

Grossel, G. E. - Pseudopaleontologic plants - fossil *algae* Schischk., *Caspariania* *donetzkii* Dubovik, *Erythronium* *silvaticum* M. V. - and the time of their appearance in the flora of the Russian Plain, p. 81.

Kocherzhikov, A. P. - Age of the *crataegus* *vulgaris* flora in southern European Russia, p. 102.

Fedorova, R. V., and others. - Main stages in the history of the development of vegetation in the Vitim Plateau during the Quaternary, p. 110.

Mirkin, B. M., Chylenova, E. A. - Effect of butyl ether 2, 4-D and ammonium sulfate preparations on the grassland of steppe shrubs in the floodplain of the Bolaya River, p. 123.

Kaden, E. N. - Fruit evolution in Rosaceae, p. 127.

Tikhomirov, V. N. - Species of the genus *Libanotis* III of the European part of the U.S.S.R., Ural and Western Siberia, p. 130.

Luzarenko, A. S., and others. - Study of chromosome numbers in leafy mosses of Tajikistan, p. 141.

Baslin, L. M. - Innate foundation of the behavior of Eskimo dogs in a herd of deer, p. 153.

Bel'gar, A. L. - In memory of Mikhail Pavlovich Akinov (1886-1955), p. 157.

PARAZITY ZHIVOTNYKH I RASTENII [PARASITES OF ANIMALS AND PLANTS]. Issued by Institut zoologii Akademii nauk Moldavskoi SSR [Institute of Zoology of the Academy of Sciences of the Moldavian S.S.R.], Kishinev, no. 4, 1968.

Table of contents translated: Ryzhikov, K. M., Andreiko, O. F., Shumilo, R. P. - Scientific activity of A. A. Spasskii, Member of the Academy of Sciences of the Moldavian S.S.R., p. 3.

Spasskii, A. A. - Comparative morphological and cytogenetical analysis of *Dilepididae* of the genus *Anomolaima* (Cestoda: Cyclophyllidae), p. 23.

Savchuk, N. A., Savchuk, O. E. - Effect of helminths on host animal, p. 53.

Sobolev, A. A., Belagorov, O. I. - Representative of the genus *Spiliferus* in a deep-sea field, p. 59.

1936

Dmitriyev, E. I. - Changes in the stomach wall of pigs caused by *Sarcosina* (parasitoid) (Hymenoptera: Spilidae), p. 63.

Hepelova, N. M. - Morphological characteristics of *Anomolaima microstoma* (Cestoda: Dilepididae), p. 70.

Korovin, I. U., Hoznik, V. M. - New species of *Dilepididae* (Cestoda: Cyclophyllidae) from sand-pipers, p. 74.

Hepelova, N. M., Poznyakovskii, S. D. - Determination of the genus *Anomolaima* (Cestoda: Dilepididae), p. 78.

Korovin, E. M., Sadanov, V. U. - Position in the system of nematode *Dilepididae* with *Chubuk* et *Le Van*, 1960, p. 83.

Zabuk, M. P. - Ascaridiasis infection factor under winter conditions of Moldavia, p. 86.

Andreiko, O. F. - Ecologic and faunistic characteristics of parasites in mammals of Moldavia, p. 10.

Andreiko, O. F., Skvortsov, V. G. - Trematode fauna in Moldavia and their ecological and faunistic analysis, p. 102.

Marinov, H. I., Chichir, M. V. - *Parabronchostoma* *Spasskii*, sp. nov., a new cestode from *Angitia* *robusta* *Steg*, p. 109.

Zgalska, I. S., Martynov, N. A., Karava, M. V. - Testing insect *bioregulators*, local and foreign in sheep *bioregulators*, p. 110.

Gshmarin, P. G. - *Dilepididae* *bioregulators* in relation to the problems of the development of animal techniques, p. 122.

Shumilo, R. P. - *Onchocerca* *longicauda*, n. sp., a new trematode of the family *Dicranophoridae*, p. 129.

Shumilo, R. P. - Anatomical characteristics of a cestode of the genus *Diphysa* *Steg*, 1950, from *Aythya* *nyroca* *Steg*, p. 131.

Skvortsov, V. G. - Distribution and seasonal dynamics of ticks *capillaries* in the Moldavian S.S.R., p. 140.

Holman, V. A. - Some immature species of the *bioregulators* in salmon of the genus *Oncorhynchus* and *Salvelinus* of the Far East, p. 144.

Lchedev, H. I. - Trematode of the family *Diphysidae* *Steg*, 1967 from commercial deep-sea fishes of New Zealand and Australia, p. 146.

Slavits, N. M., Naberzhnyi, A. I., Oleinikova, V. I. - *Bohrerophylla* *goshkovi* *Steg*, 1955 (Cestoda: *Pseudophyllidae*) in waters of Moldavia, p. 168.

Tenetskiy, I. N., Martynov, N. M. - Role of coarse fish in propagating parasite diseases and fish biological control in small reservoirs of Moldavia, p. 177.

Phidok, I. M. - Entomophages of insectivorous *Koch*, p. 184.

Belokob, V. N. - Biogenesis of *beetle* *Steg*, 1950, from *Steg*, p. 191.

Shumilo, R. P., Lomskaya, N. A. - Effect of the suborder *Sarcophaginae* from *Steg* of Moldavia, p. 196.

Kastravets, I. Z. - Experimental sleep *toxophenosis*, p. 210.

Shumilo, R. P. - Plant immunity to *bioregulators*, p. 212.

Shumilo, R. P. - Possibility for the increase in plant resistance to *bioregulators*, p. 215.

Perevalova, S. P. - Comparative analysis of nematodes of pepper and the phosphorus in hotbeds and in open ground, p. 220.

Koshchikov, A. S. - Three new nematode species from the genus *Aphelenchoides* (Nematoda: Aphelenchoididae), p. 224.

Kozlovskiy, G. I. - Characteristics of sex system structure in female *Aphelenchoides* sp., p. 226.

Marinkina, L. P. - Effect of heavy vegetation period on population dynamics of phytoendemic species, p. 232.

Neslerov, P. I., Glavatskaya, M. P. - Seasonal dynamics of *bioregulators* *Steg* in central Moldavia, p. 230.

PROBLEMY KOSMICHESKOI BIOLOGII [PROBLEMS OF SPACE BIOLOGY]. Issued by Otdel biologicheskii Akademii nauk SSSR [Department of Biological Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, vol. 8, 1968.

Table of contents translated: Acclimatization to reduced barometric pressure as a means of increasing the resistance to various extreme factors, p. 3.

Kotovskaya, A. R. and others. - Effect of preliminary acclimatization to the mountains on human tolerance to transverse overloads, p. 11.

Kotovskaya, A. R., Vukobratov, R. A., Simpiya, S. I. - Physiological human reactions under the effect of transverse overloads following adaptation to high mountain conditions, p. 19.

Kotovskaya, A. R. and others. - Effect of adaptation in the pressure chamber on the tolerance to transverse overloads, p. 40.

Malkin, V. B., Astasheva, N. M., Kochetov, A. K. - Characteristics of the development of an adaptation syndrome to acute hypoxia in alpinists, p. 48.

Malkin, V. B., Bikhovskii, G. D., Markarian, S. S. - Effect of adaptation to high mountain conditions on human tolerance to acute hypoxia, high temperatures, and vestibular irritation, p. 57.

Astasheva, N. M., Malkin, V. B. - Effect of repeated stays in the mountains on the tolerance to acute hypoxia in alpinists, p. 63.

Bakhchinskii, R. V., Malkin, V. B., Bikhovskii, G. D. - Animal tolerance to hypoxia, hypercapnia, and high temperature following adaptation to reduced barometric pressure, p. 72.

Kochetov, A. K. - Effect of adaptation to reduced barometric pressure on the tolerance to hypercapnia, p. 70.

Loginova, E. V. - Animal tolerance to acute hypoxia

- following their training for physical loads under high mountain conditions. p. 84.
- Luginova, E. V. - Interference of reacting to physical loads and adaptation to hypoxic hypoxia. p. 93.
- Lugova, N. N. - Effect of prolonged stay under conditions of reduced barometric pressure on the tolerance to overloads. p. 97.
- Petrushin, V. G. - Effect of preliminary intermittent stay in rarefied atmosphere on the tolerance to transient overloads. In: *Pathomorphological study*. p. 103.
- Vasiliev, P. V., Lugova, N. N. - Effect of adaptation to the conditions of a charged gaseous environment on the tolerance to overloads. p. 101.
- Vasiliev, P. V., and others. - Comparative evaluation of the effectiveness of different regimes of adaptation to hypoxia. p. 121.
- Chernichenko, A. S., Durova, G. N., Reshetina, N. A. - Effect of hypoxia on the activity of the protective mechanisms in the organism of mice. p. 129.
- Malkin, V. B. - Significance of nerve control systems in the development of adaptation to hypoxia. p. 137.
- Efremov, N. Z. - Role of some subcellular formations in the development of adaptation to oxygen insufficiency. p. 143.
- Malkin, V. B., Luginova, E. V. - Effect of acetylation on natural tolerance to acute oxygen starvation. p. 147.
- Reshetina, N. A. - Role of the adrenal glands in the development of adaptation to hypoxia. p. 151.
- Blagovestova, N. P., Iosadina, B. A. - Reaction of the blood in hypoxia in adrenomedullarized and hypophysectomized rats. p. 156.
- Reshetina, N. A. - Significance of hypophysins in the development of adaptation to hypoxia. p. 156.
- Grigorieva, Z. I., Grigor'eva, G. I. - Dynamics of the changes in the amino acid content of the erythrocytes in mice and animals during the period of natural acclimatization to high mountain environment. p. 171.
- Grigorieva, Z. I., Grigor'eva, G. I. - Changes in the amino acid content of the erythrocytes in adrenomedullarized and hypophysectomized rats having been exposed to high mountain conditions. p. 181.
- Luginova, E. V. - Hypoxic exposure to "altitude" as a method for the detection of hypoxic traces of adaptation to hypoxia. p. 188.
- Blagovestova, N. P., and others. - Duration of the reaction of leucocytes to acclimatization in hypoxia. p. 190.
- Holov, V. E., Vasiliev, P. V., Glod, H. D. - Adaptation mechanism in white mice to hypobaric gases and environment. p. 204.
- Kopay, I. D., and others. - Enzyme activity of *Escherichia coli* in different tissues and organs of experimental animals under the effect of some extreme factors. Report No. 1. Minamimolecular activity in different tissues and organs of white mice under the effect of overloads. p. 218.
- Shimovitch, L. E., and others. - Activity of dehydrogenases of succinate and lactic acids under the conditions of chronic hypoxia. p. 222.
- Holov, V. E., and others. - Effect of hypoxia on the reactivity to some pharmacological substances. p. 230.
- Kaplan, K. A., Oshchepov, V. V. - Effect of antioxidants on the resistance of the organism and some functions in hypoxia. p. 243.
- Kaplan, K. A., Petrashin, V. G., Solov'ev, V. I. - Myeloidism of maximum action in hypoxia. p. 243.
- Gippenreiter, E. B. - Effect of agent training and acclimatization under the conditions of the medium ranges of the Caucasus on some indices of the peripheral blood in young track and field athletes. p. 251.
- Antistrotosmus brauni Brunnh. p. 40.
- Shabarov, S. I. - Fruit variability and possibility of seed reproduction in species of the family Vacciniaceae in Ukrainian Polesye. p. 55.
- Kotlychuk, V. B. - Classification of life forms of creeping woody plants. p. 59.
- Andriushko, T. I. - Goryany swamps. p. 67.
- Stobdan, M. P. - Some rare natural groups of broad-leaved tree varieties in the Ukrainian Carpathians. p. 73.
- Kotlychuk, O. N., Baranovska, L. A. - Effect of hydrological conditions of Krasnograd Reservoir on the morphology of *Zizania latifolia* Turcz. p. 79.
- Chernichenko, K. V. - Introduction of the representatives of the family Cephalotaxaceae F. Nees. in Podolia. p. 97.
- Birds, P. P. - Second increment in *Picea abies* (L.) Karst. of the Veseli Bukovin'ski Dendrological Station. p. 91.
- Smolko, S. S., Holub, T. H. - New occurrence of *Viola lutea* Klok. in the Ukraine. p. 95.
- Ulychuk, K. O. - Anatomical of the development of gynoecium in bivalent *Polia truncata* (L.) Firn. p. 97.
- Kyrychenko, I. B. - Methodology of determining the amount of leaf proteins located in plastids. p. 100.
- Stolko, S. M. - Hryhorii Vasylovych Kozli; on his 70th birthday. p. 104.
- Syrovetsky, P. H., Chopyk, V. I. - Ukrainian Botanical Society in 1957. p. 107.
- VORONEZHSKIY GOSUDARSTVENNIY ZAPOVEDNIK. Tredy [VORONEZH STATE PRESERVE. Transactions]. No. 15, 1967.
- Table of contents translated:
- Smirnov, B. A. - Natural regulators of injurious forest insect population and factors determining their effectiveness. p. 4.
- Tamashuk, V. N. - Flies from the family Chamaemyiidae of the Voronezh Preserve and of the Gatchina Gora Agrobiological Station of Voronezh State University. p. 48.
- Skaf'lin, K. V. - Materials on syrphid flies (Diptera, Syrphidae) of the Caucasus State Preserve. p. 50.
- Tobias, V. I. - Fauna of Ichneumonidae (Hymenoptera, Braconidae) of the Voronezh Preserve. p. 67.
- Negorov, D. P. - Dolichopodidae (Diptera) of the Usman pine forest. p. 70.
- Kiltsko, L. N. - Flies (Diptera, Sarcophagidae) of Voronezh Province. p. 83.
- Pichka, V. E. - Observations on spiders of the Voronezh Preserve. p. 86.
- Artukhovich, A. K. - *Neoplectana atraria* nov. sp. (Stethenonidae, Nematoda), a causative agent of nematodiasis in cockchafers of Voronezh Province. p. 84.
- Duski, G. M., Zakharov, A. A. - Notes on the biology of *Formica clarea* (L.) in the Voronezh Preserve. p. 101.
- Milovayeva, G. A. - Biology of ants of southern Moscow Province. p. 107.
- Agupova, I. N. - Some data on gamasid mites in rodents of the Voronezh Preserve. p. 120.
- Kolychova, R. V. - Bionomology of the insects of blood-sucking mosquitoes in the alluvial floodplain of the Koprivka River in Voronezh Province. p. 131.
- Negorov, V. P., Smirnov, B. A. - Materials on the relationship between water vole and surrounding organisms in the Usman forest of the Usman pine forest. p. 141.
- Artukhovich, A. K., Negorov, V. P. - Discovery of a nematode in the dragonfly larva of the floodplain lake in the Usman pine forest. p. 170.
- VSESOIYUZNOE BOTANICHESKOE OBNESCHENSTVO. Belorusskoe otdelenie. Botanika: issledovaniya [ALL-UNION BOTANICAL SOCIETY. White Russian Branch. Botany: Research Papers]. Minsk, no. 10, 1968.
- Table of contents translated:
- Ukrayev, I. D., Gelman, V. S. - Summary of botanical research in White Russia during Soviet period and its future tasks. p. 3.
- Larin, I. V. - Methods of studying biologic and economic productivity of grasslands and pastures. p. 15.
- Kiselev, A. A. - Concepts of phytocenosis and association as initial units in geobotanical research. p. 25.
- Dylla, N. V. - Parcel structure of forest biocenoses and its silvicultural significance. p. 40.
- Maring, V. V., Trass, Kh. Kh. - Some urgent problems in modern geobotany. p. 54.
- Neshtcher, I. U. N. - Statistical methods in geobotanical research of steppe oak forests. p. 61.
- Kruganova, Z. A. - Regionalization of meadow vegetation in White Russia. p. 70.
- Smolich, I. T. - Conditions for swamp formation in White Russia. p. 88.
- Ukrayeva, A. P. - Soil productivity and relationship between soil conditions and geobotanical structure of forest biocenoses in the Rylovskaya Pushcha. p. 95.
- Chukanov, K. D. - Forms of *Betula verrucosa* Ehrh. and *Betula pubescens* Ehrh. in the Boroznina State Preserve. p. 107.
- Rakhtenko, I. N., Krol, L. A. - Growth and development of oak in cultivated plantations. p. 123.
- Podolskaya, Z. S. - Variability of four size classes of oak in common pine. p. 144.
- Gadner, T. N., Rakhtenko, I. V., Anisimov, A. I. - Effect of ultraviolet rays on the plastid apparatus in some plants. p. 131.
- Linskaia, G. A. - Comparison of the action of ethyl, methyl, and zinc. Introduced jointly and separately, on photosynthesis apparatus in sugar beets. p. 135.
- Poroshenko, N. V. - Effect of zinc on the growth and development of flux and photosynthesis apparatus. p. 143.
- Kobylitskiy, M. S. - Photoperiodic reaction of cereals and hybrids of wheat and sorghum reproduction. p. 151.
- Goncharik, L. N., Lugin, L. P. - Effect of underground water level on the photosynthetic productivity in potato plants. p. 158.
- Aleksandrov, A. I. - Controlling system of aerial origin of spring wheat in relation to agricultural conditions. p. 164.
- Kiseleva, N. S. - Anatomical structure of bean roots related to potassium supply. p. 165.
- Prokhorov, R. A., Mashakov, S. M. - Effect of simazine and atrazine on the catalase and peroxidase activity in plants. p. 172.
- Vasyukova, N. V., Pshchukova, P. V. - Testing of atrazine and lincin in pea fields. p. 181.
- Rondarenko, E. V., Trilnik, S. A. - Simazine effect on lincin lupine. p. 184.
- Shkoto, N. V., Chakurskiy, A. A. - Some physiological characteristics of exotrophic fungi. p. 185.
- Ten, A. G., Bolshakova, N. S., Korobkova, O. G. - Botanical Garden of the USSR Russian Agricultural Academy. p. 193.
- Gelman, V. S. - Nature protection in the USSR. People's Republic. p. 197.
- Ukrayev, I. D., Kruganova, Z. A. - Plantation geobotany. p. 205.
- Coordination of geobotanical research. p. 215.
- Resolution of the Methodological Conference on Mapping Plant Communities. p. 212.
- Shilling of the delegates of the White Russian Branch of the All-Union Botanical Society. p. 213.
- Composition of the Council. Presidium of the Council. Commission of the White Russian Branch of the All-Union Botanical Society. p. 216.
- Bibliography of books published by the White Russian Branch of the All-Union Botanical Society. p. 217.
- ZEMIA I VSELENNAYA [EARTH AND THE UNIVERSE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Mikhalov, A. A. - Investigation of the moon. p. 2.
- Korobov, B. V. - Notes of a member of the 13th Congress of the International Astronomical Union. p. 14.
- Cherkasov, I. I., Shvirov, V. V. - First results of lunar studies of lunar soil. p. 16.
- Shchelchuk, V. V. - Recent developments in lunar photometry. p. 24.
- Vilnitskiy, I. U. - Solar activity. p. 27.
- Ermakov, I. U. - New orbital of RS Oph. p. 36.
- Kopelovich, O. V. - Light in the sea. p. 37.
- Tatarskiy, V. I. - Atmospheric turbulence. p. 43.
- Lukhova, L. N. - Development of the short-term radio-forecast service. p. 47.
- Rosolovskiy, I. A., and others. - First color television picture of the earth from space. p. 54.
- Bakharov, A. M. - Dust particles orbiting the earth and the fibroblast process of 1913. p. 56.
- Popov, I. I. - New geophysical observatory of the Academy of Sciences of the U.S.S.R. p. 58.
- Kotlinkov, V. M. - In the glacial heart of Europe. p. 66.
- Aksent'ev, E. P. - Conference on colostol insects and arthropods. p. 72.
- Dzhalostov, I. M. - New projects for national observatories. p. 75.
- Marlonskiy, A. D., Zubovskiy, V. P. - Astronomical observations in May and June of 1968. p. 80.
- Kurenov, L. S. - Geodetic section of the Leningrad department of the All-Union Astronomical and Geodetic Society discusses problems of engineering geodesy. p. 83.
- Il'ichov, L. I. - Stamps tell about man's walk in space. p. 85.
- ZOOLOGICHESKIY ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 47, no. 3, Mar. 1968.
- Table of contents translated:
- Menshutkin, V. V., Kiriakov, I. U. - Modeling the effect of food supply on fish population dynamics. p. 325.
- Shilova, L. M. - Holmids of the Arctic fox and their influence on the host population in Nenets National District. p. 331.
- Shilova, A. A. - Mollusks of the family Helicidae (Pulmonata, Stylomatophora) of the Talysh Mountains. p. 337.
- Makarov, R. R. - Shortening larval development in decapods (Crustacea, Decapoda). p. 348.
- Siriganova, B. R. - Soil invertebrate complexes in the floodplain of the middle course of the Dniester River. p. 366.
- Grigor'eva, T. G., Persin, S. A., Tanskiy, V. I. -

- Krivoshelina, N. P. - Biology and morphology of little-known biting midges of the genus *Fortipomyia* Neigen (Diptera, Ceratopogonidae). p. 578.
- Khelevich, V. V. - Osmotic regulation of the three-spined stickleback (*Gasterosteus aculeatus* L.) in waters of different salinity. p. 591.
- Tarasovskiy, M. K. - Food relationships of sperm whales in the northern part of the Pacific Ocean. p. 605.
- Moskikhov, G. I. - Population structure, reproduction dynamics and problems of efficient exploitation of sable stock in the cis-Baikal and trans-Baikal regions. p. 602.
- Pantelev, P. A., Terezhkina, A. N. - Landscapes variability of water vole (*Ammocetes terrestris* L.) as a new form of animal variability in space. p. 610.
- Vainshstein, D. A. - Polytorous key tables. p. 618.
- Konsulinov, A. S. - Laboratory chromomid breeding. p. 626.
- Zhigalev, J. T., Jusupov, K. H. - Utilization of light traps for collecting malarial mosquitoes. p. 628.
- Ishakova, M. V. - New trematode *Micropophanes orientalis* sp. n. (Trematoda, Microphallidae), a parasite of the Pacific walrus and bearded seal. p. 630.
- Daravinskaya, I. A., Klim, K. M. - Aphelenchoides graminis sp. n. (Nemaloda, Aphelenchoididae). p. 631.
- Mitnev, I. D. - A few new species of leafhoppers (Homoptera, Cicadellidae) from the southwestern Altai and Zaysan Depression. p. 635.
- Gegechkori, A. M. - New species of jumping plant lice (Homoptera, Psyllidea) from Georgia. p. 637.
- Sedykh, K. F. - New species and subspecies of Rhaphlocera from the Gissar Range (Tajikistan). p. 639.
- Sokolova, K. I. - Main halting places for larvae of blood-sucking mosquitoes (Culicidae) in the northern taiga (Pechora-Ryck Preserve). p. 640.
- Bogdanov, O. P. - New data on the distribution of Chironomus in Central Asia (Muras). p. 643.
- Kolomoys, A. A., Ivashchenko, E. N. - Immersion of the heart of dolphins. p. 644.
- Davlenko, T. A. - Harmful activity of rodents in the irrigation system of the Golodnaya Steppe (Uzbekistan). p. 648.
- Nerovny, V. M., Ved'mina, E. A. - Interregional traveling seminar of the International Health Organization for plague control. p. 653.
- Vol. 47, no. 8, May 1968.
- Table of contents translated:
- Shebanov, I. V. - Characteristics of terrestrial and soil zooinfectological complexes of the steppe landforms in Western and Central Siberia. p. 661.
- Ebrahimi, I. A. A., Levushin, S. I. - Representatives of Negiloidae (Amphipoda), a new family in the subterranean waters of Central Asia. p. 670.
- Androva, F. M., Tyshchenko, V. P. - Materials on spider fauna of Tajikistan. Report No. 2: Zootilidae. p. 684.
- Razvivazkina, G. M., Priklantseva, E. A. - Leafhoppers of the group Psammotettix striatus L. (Homoptera, Cicadellidae), the carriers of virus diseases of cereals, their taxonomy and distribution. p. 690.
- Vasurin, S. T., Usponskaya, N. V. - Explanation of the competitive ability of stork moths of cutworm, boot army worm and cotton-ball worm (Lepidoptera, Noctuidae) in mating with toxic females under laboratory conditions. p. 697.
- Boltzin, V. I. - New genera and species of Cyndipodea (Hymenoptera) of the Soviet Far East and adjacent territories. p. 701.
- Kovalov, V. G. - Use of taxonomic analysis in the systematics of Diptera. p. 720.
- Burdakov, V. D. - Functional significance of etendons in fish scales. p. 732.
- Golub, D. M., Leoniluk, A. S., Novikov, I. I. - Maternalism on the embryology of Cotonea. An embryo of sperm whale (Physeter catodon L.), 8.5 mm long. p. 739.
- Nikitina, N. A., Pchelkina, A. A., Kovalovskaya, I. A. I. - Study of immunological processes in animals under natural conditions: observations on tagged animals. p. 748.
- Method of mass rearing of the caterpillars of Lepygma oxigen alb. (Lepidoptera, Noctuidae) on an artificial medium. p. 756.
- Baranovskaya, I. A., Khak, M. M. - Description of Pratylenchus clavatus sp. n. (Nematoda, Pratylenchidae Thorne, 1948). p. 759.
- Zarenkov, N. A. - Crabs from the lamelles Retroplumidae and Paludine collected by Soviet expeditions in the Pacific and Indian Oceans. p. 761.
- Martynova, E. F. - New Collembola species of the family Hypogastruridae from mountain districts of Tajikistan. p. 467.
- Ivanovskaya, O. I., Tomilova, Y. N. - New species of the genus Therioaphis Walk. (Aphidoidea, Homoptera). p. 770.
- Dubrovin, M. I. - Description of larva and pupa of Hymanella rufipes F. (Coleoptera, Alleculidae). p. 773.
- Klueckho, Z. F. - Geographical variability of Spudea rubicilla Esp. (Lepidoptera, Noctuidae) and a description of a new subspecies from the Crimea. p. 778.
- Zimina, L. V. - New information on parasitic relationships of Conopidae (Diptera). p. 780.
- Fomin, M. I. - Habitats and shelters of Vipera ursini in the Chu-Ili morfluvio. p. 782.
- Abdusamirova, I. V. - Prolonged keeping of voles (Talpa europaea) in captivity. p. 735.
- Rukovskii, N. N. - Some problems of the biology of Pandora tigris longipilis in relation to its protection. p. 788.
- Sahlinov, A. S. - Materials on the ecology of Allactaga bobrinski in the Kara-Kalpak A.S.S.R. (Central Asia). p. 789.
- Giltarov, M. S. - International symposium on soil ecology in Paris and activities of the ecological laboratory in Brunoy. p. 791.
- Chornova, N. M. - Moscow Branch of the All-Union Entomological Society in 1967. p. 793.
- Harabash-Nikiforov, I. I. - Conference on muskrat protection and reproduction of its stock. p. 798.
- Vol. 47, no. 7, July 1968.
- Table of contents translated:
- Chernov, U. I. - Geographical zonality and continental animal kingdom. Report no. 1. p. 837.
- Lankovskii, A. V. - Classification of the suborder Nasutaria Jank., 1967 (Colleptera, Amblymonada). p. 890.
- Flaggenova, N. P. - Oligochaeta of the Soviet part of the Danube River and the bodies of water in the Danube Valley. p. 1002.
- Epshteyn, V. M. - Revision of the genera Oxymonostoma and Julinasoma (Hirudinea, Piscicolidae). p. 1011.
- Aloinkova, M. M. - Characteristics of the distribution of soil microorganisms in landforms of the central Volga Valley. p. 1022.
- Viktorov, G. A. - Effect of population density on sex relationships in Tibbiculus grandis Thoms. (Hymenoptera, Scollentidae). p. 1035.
- Korotkov, V. G. - Direction and intensity of the variability of external characters of honeybees of different populations. p. 1040.
- Bilik, B. P. - Feecundity of commercial gubios (Ocellinae) in the Dnieper-Dug Liman. p. 1045.
- Shanlov, V. P. - Some characteristics of the distribution of albatrosses (Tubiferae, Monacidae) in the northern part of the Pacific Ocean. p. 1054.
- Oclarov, U. D. - Distribution of some mammalian species in northeastern Transbaikalia. p. 1065.
- Orlov, V. N., Alouin, V. P. - Karyotypes of some shrew species of the genus Sorex (Insectivora, Soricidae). p. 1071.
- Novin, R. V. - Biology of Ocholenia alpina of the Olekma-Char Highland (Yakutiya). p. 1075.
- Kulik, I. L., Dubrovskii, I. A., Komarova, L. V. - New method of determining the role of vorobras in feeding blood-sucking parasites. p. 1083.
- Saitinov, A. D. - Marlon helminths in Tuva. p. 1080.
- Torokhov, P. A. - Reproduction of Piscicola geomela (Hirudinea, Piscicolidae) in Kulan Linans. p. 10
- Groz, I. I. - Age-related changes in the morphology of Eriochthonia difformis (Amphipoda, Gammaroidea) of the Black Sea. p. 1095.
- Vainshstein, V. A., Bogharov, G. A. - New insect species from the family Tarsonemidae (Acari-formosa), a wheat pest. p. 1099.
- Davydova, E. D. - Larva of Lampyrus oriolandis (Coleoptera, Lampyridae). p. 1101.
- Pavleva, R. P. - Relationship between the fecundity of Tabanus bovinus and Myiomitra solstitialis females and the physiological age. p. 1103.
- Daravskii, I. S., Shusakov, I. M. - Case of a repeated catch of Varanus komodoensis, tagged in 1962 by the Indonesian-Soviet Zoological Expedition. p. 1106.
- Dolgov, V. A., and others. - Significance of Talpa europaea in tick-borne encephalitis foci. p. 1108.
- Fintsov, K. I. A., Matveev, V. I. - Bears of Kostroma Province. p. 1110.
- Shchepolov, N. V., Konkrashkin, G. A. - Occurrence of Microtus oconensis in northern districts of the Saratov region of the trans-Volga area. p. 1112.
- Usenskiy, S. M. - Georgii Petrovich Doment'ov, on his 70th birthday. p. 1118.
- a CHEMISTRY
- AKADEMIYA NAUK KAZAKHSSR, Alma-Ata. Izvestiya Seriya Khimicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Chemical Series]. Alma-Ata, vol. 18, no. 4, July-Aug. 1968.
- Table of contents translated:
- Litvinenko, V. I., Erizhanova, R. S., Bokurov, A. D. - Solubility of the system $K_2SO_4 - MgSO_4 - H_2O$ at 20° and 80°. p. 1.
- Rozgal'skaya, G. K., Sorazodindov, D. Z. - Study of the composition of the products of hydrolysis by method of paper chromatography as applied to Kurul potassium salt. p. 5.
- Kozin, L. F., Zamuliakh, A. T., Nigmatova, R. Sh. - Electrochemical refining with use of lead-blanching amalgams. p. 10.

- Abromov, E. - Dependence of the molar property of the $A_2 - B_2$ type solutions on its composition. p. 17.
- Sokol'ski, D. V., and others. - Electrochemical activation of copper (II) acid complexes under conditions of liquid phase hydration of acetylene. p. 21.
- Sumarokova, T. N., Surpina, D. E., Levchenko, L. V. - Coordination Sn (II) compounds with amino acids. p. 26.
- Rekhtinov, E. A., Legkurova, R. E. - Effect of molecular weight and the nature of the solvent on the gradient dependence of the viscosity of high-molecular polymethyl methacrylate solutions. p. 33.
- Omarov, T. T., Agasikh, O. V. - Configuration and reactivity of saturated cyclic and heterocyclic compounds. Part 4: Infrared spectra of α - and β -decalols. p. 38.
- Kochkin, D. A., Azerbaev, I. N. - New growth-promoting factor, orotic acid, and its organotin, organolead, and organotin derivatives. p. 46.
- Savurov, B. V., and others. - Oxidation of organic compounds. Report No. 60. Catalytic steam-phase oxidation of thiophene. p. 50.
- Kuzakova, N. D., Rafikov, S. R., D'achkov, G. A. - Organophosphorus polymers. Report No. 3. Copolymerization of tolyl and p-dimethylphenylchlorophosphine with divinyl. p. 54.
- Gortalo, M. N., and others. - Study of substances included in the composition of essential oils. Report No. 37. Study of Artemisia procera essential oil. p. 58.
- Sokol'ski, D. V., and others. - Electromerization of liquid hydrocarbons and petroleum products in a condensed electric discharge. p. 61.
- Gusevaliev, V. G., Bakhtalova, Zh. Zh., Khomchenko, L. V. - Oxidizing changes of petroleum residues. Effect of the oxidation temperature on physico-chemical properties of oxidized products. p. 69.
- Kuglyova, E. A., Goltzman, M. M., St. L. P. - Structure of iron hydrogencarbonate $FeCO_3 \cdot Fe_2O_3 \cdot 2SiO_2 \cdot 2H_2O$. Report No. 1. p. 74.
- Pichnikov, V. I., Tshin, A. I., Korikov, V. P. - Separation of radioactive lithium from mercury targets. p. 76.
- Rafikov, S. R., Tsurunovskii, M. M., Zhalunov, B. A. - Kinetics of the interaction of epoxy compounds with acid amides. p. 70.
- Iepilina, G. V., Gulyashov, G. P. - Reaction of the chain transfer with termination during radical polymerization. p. 82.
- AKADEMIYA NAUK SSSR. Izvestiya. Seriya khimicheskaya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Chemical Series]. Moscow, no. 0, June 1968.
- Table of contents translated:
- Sokol, V. I., and others. - Ramanometric and X-ray data for sodium and potassium peroxodisulfates p. 1183.
- Kirgintsov, A. N., Ikonova, V. A. - Solubility in the systems $H_2SO_4 - H_2SO_4 - H_2O$ and $CaSO_4 \cdot H_2SO_4 - H_2O$ at 25°. p. 1186.
- Kirgintsov, A. N., Kozitski, V. P. - Solubility of tetraphenyl borates of alkaline metals and ammonium in acetone-water mixtures at 25°. p. 1170.
- Rudenko, B. A., and others. - Gas-liquid chromatography of acetylene compounds. p. 1173.
- Krahar, B. G., Chernova, G. P., Pikaev, A. K. - Reaction of thermalized electrons in vitreous aqueous solutions of perchloric acid at 70° K. p. 1178.
- Pobedimskii, D. G., Buchachenko, A. L. - Mechanism of an inhibiting action of phosphites and sulfides. Report No. 1: Kinetics and mechanism of the reaction of hydroperoxides with allylphosphites. p. 1181.
- Agzamkhabzhev, A. A., Zhuravlov, I. T., Kislov, A. V. - Study of the content of hydroxyl groups on the surface and in the bulk of aerosols by the method of deuterium exchange. p. 1180.
- Bodina, V. A., Alimarin, I. P., Seditskaya, T. F. - Study of the kinetics of chromium (III) extraction of 8-hydroxyquinoline. p. 1182.
- Dugala, M. M., and others. - Kinetics of 1,2-dithiolamine-2,2-dimethylpropane decomposition in water and the ultraviolet spectra of some β -nitroamines in aprotic solutions. p. 1100.
- Makel'mov, Iu. V., Iampol'skii, R. P., Lavrovskii, K. P. - Surface effect on the kinetics of the thermal decomposition of acetylene. p. 1206.
- Molodov, T. I. A., and others. - Synthesis and complex-forming properties of alkylated dimethylarylsulfonates and phosphonic acids. p. 1211.
- Livan, K. F., Freidin, L. Kh., Titov, S. K. - Structure of nitrobenzene and the rate of their hydrogenation in the presence of a ruthenium catalyst. p. 1220.
- Freidin, L. Kh., Nazanova, N. M., Abduraimova, M. A. - Determination of relative adsorption coefficients and the reactivity of allylbenzene, propenylbenzene and allylcyclohexene in the hydrogenation reaction of nickel catalysts. p. 1223.
- Khabibulaeva, D. K., Lavrovskii, K. P., Rozenblat, A. I. - Single step dehydration of butane mixed with a hydrogen-ethylene adsorbent on a chromium-niobium catalyst. p. 1227.
- Graznova, Z. V., and others. - Isomerization of butenes in the process of 2-butanone dehydration on X and Y-type zeolites. p. 1231.
- Isagultians, G. V., and others. - Study of catalytic hydrolytic polymerization of ethylene in the presence of labeled C^{14} of carbon monoxide. p. 1234.
- Polkovnikov, B. D., and others. - Hydrogenation sequence of cycloheptatriene double bonds over palladium, platinum, and rhodium catalysts. p. 1240.
- Khurgin, Iu. I., Vikha, I. V. - Ionization constants of N-acyl glycine derivatives. p. 1245.
- Erglin, D. A., and others. - Structure of the products of radical propylene isomerization by carbon tetrachloride. p. 1251.
- Khurapov, V. V., and others. - Geminal' systems. Report No. 10: Study of the $SnCl_2/CO$ -system using NMR methods (Moessbauer effect), PMR, infrared and mass spectrometry. p. 1251.
- Norshagovskii, B. V., and others. - Study of iron sulfides by the Moessbauer gamma-resonance spectroscopy. p. 1257.
- Kravchenko, E. A., and others. - Study of cis-trans isomerism of the complexes of lead tetrachloride with n-donors by the nuclear quadrupole resonance method. p. 1271.
- Petrovskii, L. I., and others. - Study of functionally substituted organic derivatives of phosphorus acids by the method of PMR of high resolution. p. 1277.
- Sokolov, V. I. - Stereochemistry of oxymercuration of dienebicyclo-(2,2,2)octatrienes. p. 1285.
- Agat'yan, I. L., and others. - Mass spectrum of tetrabutyltin. p. 1289.
- Zaretskii, V. I., and others. - Mass spectrometry of steroid systems. Report No. 17: Determination of the state of the hydroxyl group in a steroid molecule. p. 1294.
- Kuznetsova, Z. I., and others. - Infrared absorption spectra of selectively substituted cellulose nitrates and their model compounds. p. 1301.
- Shchegoleva, T. A., and others. - Organoboron compounds. Report No. 183: Effect of the nature of alkyl radicals on the tendency of dialkylboranes to disproportionate. p. 1306.
- Arbuzov, B. A., and others. - Derivatives of 6,3-oxaphosphobicyclo [3,1,0]hexane. p. 1313.
- Prekhdina, R. Kh., and others. - Reaction of organochlorine compounds by the hydrogen donor-acceptor element compound systems. p. 1319.
- Reznik, V. S., Paskov, N. G. - Interaction of some chlorohydrins with urea. p. 1327.
- Nametkin, N. S., and others. - Synthesis of cyclohexanones. p. 1329.
- Gur, T. K., Lotov, L. A., Mironov, V. F. - Acetylenic rearrangement in case of an interaction of trichlorogermano with acetylene compounds. p. 1336.
- Dmitriev, B. A., Asova, N. R., Kochetkov, N. K. - Monoacaccharides. Report No. 18. Interaction of methylxanthonylphenyl-phosphorane with 2,3,4,5-O-isopropylidene-D-arabinose. p. 1342.
- Aldrov, A. A., Moloskov, A. M. - Analogs of corticosteroids. Report No. 28: Synthesis and properties of 2-bromo-acyl-1-cyclohexanol. p. 1345.
- Aldrov, A. A., Moloskov, A. M., Krivovukhin, V. A. - Effect of porous acids on polycarbonyl compounds. p. 1346.
- Aldrov, A. A., Moloskov, A. M., Meshchorkhova, E. A. - Decreased reactivity of structural-isomeric pyrrolidine oxime of 2-acetylhydrosuccinylol and 2-acetylglutamine. p. 1348.
- Kuznetsov, M. Z., and others. - Cyclization of isopropenol compounds. Report No. 21: Cyclization of furanyle acid esters under the action of cationic initiators. p. 1352.
- Shostakovskii, M. F., and others. - Case of chloroacetylation to phenol ether. p. 1358.
- Ersmorko, L. T., Natsel'baum, F. I. A., Nostorenko, G. N. - Fluorination of 1,1,1-trifluoropropyl-3-mercury compounds. p. 1360.
- Ersmorko, L. T., Natsel'baum, F. I. A., Nostorenko, G. N. - Fluorination of γ -halohydropyranes and some properties of 1-fluoro-3,3,3-trifluoropropene. p. 1362.
- Norodnikov, I. A., Grechkin, N. P. - Interaction of 2,2-dimethylglutamine with ethylenediamine of dialkylamidophosphorus acids. p. 1363.
- Norodnikov, I. A., Grechkin, N. P. - Phenolysis of ethylenediamine of dialkylamidophosphorus acids. p. 1366.
- Dorozovskaya, I. V., and others. - Synthesis and study of the properties of bisallyl(oxymethyl) phosphonic acid and its esters. p. 1369.
- Nol'yov, V. V., Korobelnikov, O. P., Karpukov, Iu. A. - Study of the primary products of pulse pyrolysis of ammonium perchlorate by means of transit-line mass spectrometer. p. 1372.
- Kandlov, I. I., Petrova, R. G., Freidin, R. Kh. - Interaction of butanol with toluene in the presence of iron pentacarbonyl. p. 1373.
- Khairulin, V. K., Kondrat'ev, R. M., Pudovik, A. N. - New five-membered cyclic compounds containing nitrogen and phosphorus. p. 1375.
- Medvedev, V. N., Sorikov, O. D. - Catalytic dehydrogenation of isopentane in flow and pulse systems. p. 1378.
- TSontajsh, A. B., Vasil'eva, R. P. - Thermal decomposition of calcium superoxide. p. 1380.
- Gukhovskiy, V. G., and others. - Synthesis and properties of vinyl ethers of the furan and tetrahydrofuran series. p. 1382.
- Isirikian, A. A., Surakhov, A. I. - Use of the Peltier effect in calorimetry. p. 1385.
- Povolotskaya, N. N., Barkhash, V. A. - Interaction of tetrahydrodehydrobenzene with steric and polar fluorostyrene. p. 1387.
- Babich, E. D., and others. - Method of the synthesis of dialkylalkanes. p. 1389.
- Solimanov, V. M., Denisov, R. T. - Decomposition of hydroperoxide of tertiary butyl on radicals under the effect of hydrogen ions. p. 1391.
- Voskresenskaya, O. V., and others. - Structure of triphosphite based on D-mannitol. p. 1393.
- Sokolov, D. N., Baldarova, M. A., Vakh, M. A. - Gas-chromatographic separation of methyl vapors. p. 1396.
- Dobrylina, T. A., and others. - Physicochemical study of the ternary system $H_2O/H_2O_2-H_2O$ system. p. 1398.
- Zhukov, A. P., Golovchenko, L. S., Solina, G. K. - Spectra of nuclear quadrupole resonance of As^{75} of some arsenic compounds. p. 1399.
- Solima, G. K., and others. - Spectra of nuclear quadrupole resonance of Cl^{35} of some chlorine-containing organotin compounds. p. 1401.
- Sladshin, G. V., Mamayev, V. P., Lomashina, R. M. - Synthesis of N,N-di(3-chloroethyl) derivatives of 1,5-diamino-1,2,3,4-tetrahydroquinoline. p. 1404.
- Korshak, V. V., and others. - Synthesis of aromatic

- catalysis in the oxidation of methyl alcohol. p. 278.
- Karakchiev, L. G., and others. - Effect of the chemical composition and preparation technique on the physicochemical and catalytic properties of oxide catalysts of complex composition. Part 4: Silicon-beryllium, silicon-gallium, silicon-zirconium, and silicon-lanthanum catalysts. p. 282.
- Rachkovskii, E. E., Borekov, G. K. - Reactivity of oxide oxygen in a reducing medium studied by the isotope exchange technique. p. 289.
- Rebushlein, A. M., and others. - Physical properties and activity of Ni-ZnO catalysts. Part 2: Phase composition, structure, texture, and magnetic properties of Ni-ZnO catalysts and the changes induced in them under the effect of the catalytic reaction. p. 295.
- Sazonov, V. A., Popovskii, V. V., Borekov, G. K. - Mass spectrometric method of determining oxygen volatility over oxide catalysts. p. 307.
- Sazonov, V. A., Popovskii, V. V., Borekov, G. K. - Catalytic activity of metal oxides and binding energy oxygen. p. 312.
- Katsarenko, N. S., Karakchiev, L. G., Dzis'ko, V. A. - Effect of alkali metal ions on the acidic and catalytic properties of silicate catalysts. p. 318.
- Zheleznev, V. A., Kulitskii, V. N., Iurkevich, M. I. - Relation between catalytic activity and time constants for rise and drop of the photoconductivity of semiconductor catalysts. p. 326.
- Grokhovskii, I. A. D., Rozhkova, E. V., Palutinskaya, A. I. - Oxidation of pentenes on a copper catalyst. Part 4: Oxidation of branched pentenes on Cu_2O . p. 332.
- Mamedzade-Alieva, R. U., Klobanovskii, E. I., Datsidina, A. A. - Catalytic hydrogenation of triphenylmethane on a skeletal nickel catalyst. p. 338.
- Kreito, D. R., Shvinskaya, V. A., Shimanekina, M. V. - Kinetics of vapor-phase contact oxidation of furfural into maleic anhydride. p. 344.
- Ershakov, I. I., and others. - Chromium oxide catalyst for ethylene polymerization. Effect of the catalyst activation condition and chromium content on catalytic activity. p. 352.
- Prag, M., Bulandin, A. A., Slovokutova, T. A. - Nickel catalysts in the reaction of toluene and benzene with water vapor. p. 360.
- Tao Lun-shan (T'an Lung-shang) and others. - Kinetics of configurational isomerization of dialkylcyclopentanes in the presence of platinum, rhodium, and cobalt catalysts. p. 366.
- Kagan, I. I., and others. - Kinetics of heterogeneous catalytic reactions as a function of critical ignition conditions. Part 4: Kinetics of alcohol synthesis from CO and H_2 on fused iron catalysts containing structural promoters. p. 372.
- Bulakov, R. A., and others. - Study of iron oxide and hydroxide as catalysts for low-temperature conversion of ortho-hydrogen to para-hydrogen. p. 379.
- Mamedzade-Alieva, R. U., Klobanovskii, E. I., Bulandin, A. A. - Hydrogenation of tetrahydrodioxo (hydroquinone) triphenyl ether on a skeletal nickel catalyst poisoned with thiophene and n-nonylthiol. p. 386.
- Iagodzinskii, V. D., Grigorovich, S. L., Ekolina, F. - Adsorption and spectroscopic study of interaction between ammonia molecules and thin gold films. p. 390.
- Zhdanova, K. P., Popova, N. I. - Study of propylene adsorption on copper oxide by means of infrared spectroscopy. p. 397.
- Krasnoperov, N. A., and others. - Allowance for diffusion in the determination of the rate of a first-order reaction on granules of different shape. p. 404.
- Bukhman, F. A., and others. - Method for numerical integration of differential equations for chemical kinetics at any ratio between the reaction rate constants. p. 412.
- Pavlov, B. V., Rustin, L. I., Tarnopolskii, B. L. - Chain reaction in a diffusion flame. p. 418.
- Isatinskii, K. B., Budarina, A. N. - Kinetics and mechanism of nitrite oxidation by permanganate. p. 422.
- Gareeva, E. N., Bolydrev, V. V. - Effect of homogeneous additions on the thermal decomposition of ammonium perchlorate. p. 426.
- Amerikov, V. G., Kaganina, L. A., Popova, G. I. - Kinetics of CO_2 isotope exchange on the surface of chromium oxide. p. 429.
- Izmatov, R. I., Okruzhnov, A. M. - Hydrocracking of n-hexane on a nickel-aluminosilicate catalyst. p. 432.
- Griaznov, V. M., and others. - Dehydrocyclization of n-hexane on a palladium tape. p. 435.
- Rabinovich, G. L., and others. - Conversions of α -methylstyrene by reaction with water vapor on a nickel catalyst. p. 438.
- Kagan, T. I., Krylova, A. V. - Change in the work function of an electron of ammonia catalysts in the adsorption of hydrogen and hydrogen-nitrogen mixtures. p. 440.
- Konov'chikov, O. D., Galich, P. N., Tiurina, I. A. - Higher selectivity of the process of catalytic dehydrogenation of n-hexane. p. 443.
- Dykov, V. T., Smirnova, L. V., Shcherbatiuk, N. E. - Adsorption of water vapors and alcohols by synthetic zeolites. p. 445.
- Dykov, V. T., Shcherbatiuk, N. E. - Adsorption of nitrogen and argon by natural zeolites. p. 447.
- Prokopenko, E. P. - Effect of the chemisorption of free atoms on the electrophysical properties of thin oxide semiconductor films. p. 450.
- Rozovskii, A. I., and others. - Kinetics and macrokinetics of iron-carbide hydrogenation. p. 452.
- Spitayn, V. I., and others. - Apparatus for measuring the electric conductivity and thermoelectromotive force of radioactive catalysts. p. 456.
- Rufov, I. N. - New design of a cell for measuring the contact potential difference. p. 458.

Vol. 9, no. 3, May-June 1969.

Table of contents translated:

- Intezarova, E. I., Kandrakov, V. N. - Interaction between carbon monoxide and atomic oxygen. p. 477.
- Borisov, A. A. - Thermal decomposition of N_2O at high temperatures. p. 482.
- Subbotin, A. I., Ellis, V. S., Antonov, V. N. - Kinetics of thermal chlorination of vinyl chloride. p. 490.
- Pollanskii, S. F., Shoychuk, V. U. - Thermal conversion of fluoromethanes. Part 2: Pyrolysis of di- and trifluoromethanes. p. 498.
- Lohedov, K. N., Shveta, V. F. - Mechanism of the reaction of ethylene oxide with phenols. p. 504.
- Zalkov, G. E. - Oxidation of methyl ethyl ketone in acetic acid solution. p. 511.
- Bazilevskii, M. V., Trotsman, E. A. - New variant of competing reaction technique. p. 516.
- Voovodskii, V. E., Anzlin, N. M., Kikova, N. M. - Reactions of hydrogen atom in the system $\text{H}_2\text{O}_2\text{O}_2\text{SO}_4\text{FeSO}_4$. Part 6: Kinetics. p. 621.
- Borozin, B. D., Semikova, G. V. - Kinetics of oxidized decomposition of phthalocyanines in the reaction with hydrogen peroxide. p. 628.
- Kornilov, V. P., Dubrovskii, M. N., Grigorian, T. I. - Thermal decomposition of cadmium azide. p. 635.
- Savitskov, I. P., Makarova, G. E., Bolydrev, V. V. - Effect of copper ion impurity on the thermal decomposition of ammonium perchlorate. p. 642.
- Sorokin, M. F., and others. - Reactions of α -oxides with proton-donor compounds in the presence of tertiary amines. Part 4: Mechanism of the reaction of phenylglycidyl ether with alcohols catalyzed with tertiary amines. p. 648.
- Shchemukova, M. K., and others. - Kinetics of cobalt acetate catalyzed decomposition of tert-butyl, cumyl, and triphenylmethane hydroperoxides. p. 653.
- Ivanov, A. A., and others. - Determination of kinetic characteristics of oxidation of sulfur dioxide on a DAV catalyst. p. 660.
- Mikhailova, I. L., and others. - Oxidation of carbon monoxide on nickel and barium titanates. p. 666.
- Kurkchi, U. M., Garadin, V. I., Minachov, Kh. M. - Kinetics of isomerization of cyclohexane on a Pt zeolite catalyst in the gradientless system under hydrogen pressure. p. 671.
- Shtrus, V. I., Moskovskaya, M. F., Takano, E. - Stepwise homogeneity of palladium surface in the kinetics of cyclohexane dehydrogenation. Part 1: Stepwise dependence of the reaction rate on pressure. p. 677.
- Majlan, A. N., Bakshi, I. M., Goltsheim, A. I. - Kinetics and mechanism of the oxidative dehydrogenation of n-butylenes into butyral on mixed oxide catalysts. Part 4: Catalytic properties of the system $\text{MoO}_3\text{-D}_2\text{O}_3$ and kinetic regularities of oxidative dehydrogenation of α -butylene into butyral. p. 685.
- Andrushevich, T. V., and others. - Study of catalytic properties of cobalt spinels with respect to oxidation reactions by molecular oxygen. p. 695.
- Zakharov, V. A., and others. - Temperature dependence of polymerization rate on oxide chromium catalyst. p. 695.
- Aliev, R. R., and others. - Study of the reaction of oxidative dehydrogenation of toluenes by the differential chromatographic method. p. 696.
- Dibin, V. I., Popov, B. I. - Oxidation of formaldehyde by atmospheric oxygen on an iron-molybdenum oxide catalyst. p. 698.
- Kagan, I. I., and others. - Kinetics of heterogeneous catalytic reactions as a function of critical ignition conditions. Part 4: Kinetics of alcohol synthesis from CO and H_2 on fused iron catalysts containing structural and chemical promoters. p. 693.
- Druz', V. A. - Shift of the catalyst potential as a function of the reaction rate of liquid phase hydrogenation. Part 5: Surface potential of hydrogenation catalysts and the surface activity. p. 829.
- Rudenko, A. P., Dobrosel'skaya, N. P. - Effect of the technique of preparation of Fe-phthalocyanine catalysts on their activity and stability in the decomposition of hydrogen peroxide. p. 835.
- Minchev, Kh. I., Krylova, I. V. - Electrostatic emission and catalytic activity of mixed catalysts NiO/MgO . p. 843.
- Vakurova, E. M., Sukhareva, T. S., Mashkina, A. V. - Activity of rhenium catalysts in diethyl sulfide conversion. p. 849.
- Slutkin, A. A., Fodorovskii, E. A. - Physical properties and activity of Ni-ZnO catalysts. Part 3: Study

- of Ni-ZnO catalysts by ferromagnetic resonance technique. p. 855.
- Bursian, N. R., Kogun, S. B., Davydova, Z. A. - State of platinum in promoted platinum catalysts and nature of activity of metal catalysts in dehydrocyclization of paraffin hydrocarbons. p. 861.
- Dzis'ko, V. A., and others. - Effect of the preparation technique on the porous structure and stability of catalysts and supports. Part 2: Bisdipos silica gels. p. 868.
- Balakhnin, V. P., and others. - Electron paramagnetic resonance method of studying reactions involving oxygen atoms in a rarefied flame of carbon monoxide with addition of hydrogen. p. 878.
- Zakharov, I. U. A., Ryabikh, S. M., Lysykh, A. P. - Decomposition of PbO single crystals under the effect of X-rays. p. 879.
- Ivanov, M. G., Golov, V. G., Muskhin, I. U. I. - Kinetics and mechanism of the reaction of cyanamide with aniline in aqueous solutions. p. 881.
- Trotsman, E. A., Bazilevskii, M. V. - Reaction of isobutyronitrile radical with triethylamine. p. 894.
- Kashimovskaya, E. E., Ponomarev, A. N. - Interaction of atomic oxygen generated in the gas phase with solid hydrocarbons. Part 3: Reactions of atomic oxygen with solid olefins frozen at 77°K in a propane matrix. p. 897.
- Zhabrova, G. M., Shibanova, M. D., Ekh, Ch. - Sintering of iron oxide studied by the emission and surface gas labeling technique. p. 703.
- Snagovskii, I. U. S., Malkin, I. I., Prokopenko, E. P. - Allowance for diffusion through catalyst pores in the case of random kinetics. p. 707.
- Kazantseva, L. K., Lipov, V. V., Furman, M. S. - Autocatalysis with bushings for studying the effect of reactor walls on liquid phase processes occurring under pressure. p. 710.
- Lysykh, V. S. - Method of determining activation energy for reactions carried out at monotonically varying temperature. p. 712.
- Trotsman, E. A., Tajer, T. S. E., Kotlovskii, N. M. - Continuous recorder of the magnetic susceptibility of catalysts. p. 717.
- Toktashova, F. M., Zakumskaya, G. D., Sokol'skii, D. V. - Effect of the surface active cations on the catalytic activity and selectivity of Pt black. p. 800.
- Tiurina, I. A. - Adsorption of vapor mixture under dynamic conditions. Part 1: Adsorption of a mixture of heptane and carbon tetrachloride vapors on macroporous silica gel. p. 603.
- Dykov, V. T., Tiurina, I. A. - Adsorption of a mixture of vapors under dynamic conditions. Part 2: Adsorption of a mixture of methanol and hexane vapors on macroporous silica gel. p. 606.
- Avilov, V. A., and others. - Spectroscopic study of rhodium catalysts for hydrogenation. p. 608.
- Malyukova, T. I. A., and others. - Mineralogical composition of an industrial catalyst for ammonia synthesis. p. 700.

KOILLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 20, no. 6, Nov.-Dec. 1967.

Table of contents translated:

- Bakkin, I. I., Gurdiev, I. U. M., Kravtsov, A. I. - Adsorption of argon and water vapors on some hydrophilic polymeric materials. p. 705.
- Bartenev, G. M., Ermilova, N. V. - Theory of rheological properties of solidlike disperse structures. Two mechanisms of viscous flow. p. 771.
- Bakhanov, V. P., Bulkov, M. V. - Kinetics of spontaneous quasi-stationary condensation of superheated vapor in Wilson's cloud chamber. General mathematical formalism. Case of quasi-isothermal nucleation. p. 779.
- Volarovich, M. P., Lishtva, I. I., Poriko, V. A. - Effect of solid phase content and temperature on the rheological properties of peat. p. 786.
- Gribman, I. U. V., and others. - Synthesis of chloroprene latex gels. p. 792.
- Zavorkhina, N. A., Kagan'skaya, K. A. - Effect of hydrolyzed polyacrylamide on clay suspensions. p. 797.
- Dzhavadov, S. P., Kiselev, A. V., Nikitin, I. U. S. - Synthesis of macroporous alumina-silica gels and study of their geometric structure. p. 803.
- Kalnarskii, I. S., Karaulov, A. G., Gnatin, G. E. - Dependence of rheological and technological properties of suspensions on alumina pretreatment. p. 810.
- Kolosnitsay, I. V., Petrova, R. S. - Study of adsorption properties of titanium dioxide by gas chromatography. p. 815.
- Lerner, I. S., Kloter, E. G. - Thermophysical properties of aqueous clay suspensions. p. 822.
- Lishanskii, B. A., Mikhailov, N. V. - Study of regularities of vibration transportation of concrete mixtures taking their structural-mechanical properties into account. p. 829.
- Orobchenko, V. I., and others. - Effect of the duration of magnetic field action on the formation of coagulation structure in aqueous suspensions of clay minerals. p. 830.
- Sabatkin, A. V., Solntseva, V. A. - Use of plastograms for the selection of additions lowering the freezing point of cement mortars. p. 841.

- 833
- Shevchenko, F. D., Kuzina, L. A. - Extraction of stannous chloride. p. 409.

Nazarenko, V. A., and others. - Reaction of gallium with quercetin. p. 504.

Shokalo, M. I. - Study of relative force of some lithium complexes by the metal-indicator method. p. 508.

Saplin, V. S., Musilova, M. K., Demereva, S. D. - Synthesis of low-alkali charges. p. 511.

Nadnikov, P. P., Zhakov, A. V., Arbatov, S. F. - Study in the field of manufacture of perlite filtration powders. p. 515.

Delimarskii, I. K., Samodelov, A. P. - Electrolytic refining of tin in molten chlorides. p. 522.

Shapoval, V. I., Turchak, V. N. - Study of the layer adjacent to an electrode by means of absorption spectroscopy. p. 525.

Pillay, V. E., Tarasov, I. I., Afekseev, O. I. - Preparation of calcium-substituted forms of clay materials. p. 528.

Volkov, S. V., Lazorenko, R. A. - Heat of mixing of fused salts $ZnCl_2$ - $LiCl$ and $ZnCl_2$ - $CaCl_2$. p. 528.

Zel'iser, I. A., Miflarov, B. M. - Mechanism of thermal depolymerization of poly- ϵ -caprolactam. p. 530.

Anatoliy Kirillovich Babko. p. 532.

Vol. 34, no. 6, 1968.

Table of contents translated:

Mel'nikova, S. I., Slinakova, I. B., Korol', A. N. - Study of the properties of organosilicon adsorbents by the gas chromatography method. Calculation of heat and entropy for sorptions of methyl-, ethyl-, phenyl-, and hydride-polyalkoxanes. p. 537.

Batolko, Zh. F., Korol', A. N. - Effect of the molecular structure of cyclic compounds on the solubility in nonpolar stationary phases. p. 542.

Zhizninskii, V. M., Tolopko, D. K., Fedevich, K. V. - Oxidation of propylene on an iron-tellurium-molybdenum catalyst. p. 550.

Litkovskii, E. A., Zel'nyi, A. M. - Effect of the substitution of acetic acid hydrogen by chlorine on its adsorbability by silica gel. p. 554.

Kouglitskii, H. N., and others. - Effect of sodium humates on the structure formation and mechanism of the development of deformations in aqueous dispersions of ammoniumcellonite. p. 558.

Kaganovskii, A. M. - Adsorption of cotton electrolyte mellel by nonhomogeneous porous materials. p. 565.

Shvab, N. A., Zaslavskii, D. P. - Corrosion of manganese and its connection with the cathodic process during electrolysis. p. 568.

Kovalenko, I. N. - pH of precipitation (solution) and energy properties of ions in elements of the second group and fourth series of the D. I. Mendeleev table. p. 575.

Bergman, A. G., Markina, M. V. - Study of the solubility polytherm of the binary system water-urea-calcium nitrate. p. 583.

Dolinskii, L. S., Gelliker, V. S., Iarikhovich, T. I. - Effect of electrolyte additions on the process of electrodeposition of nickel from pyrophosphate solutions. p. 587.

Rois, V. K., Pisarenko, E. D. - Determination of the dielectric constant and coefficient of the growth of thin films of tantalum pentoxide obtained by electrochemical anodizing. p. 591.

Litvinenko, L. M., Popov, A. F., Sorokina, I. I. - Kinetics of the reactions of arylalkylchlorides with primary alkylamines in benzene. p. 595.

Berkman, I. A., Zomlakov, G. A., Lushina, N. P. - Studying the kinetics of aromatic amine acylation by aromatic sulfonic chlorides. Part 2: Effect of substituents in arylsulfonil chloride on the rate of aniline acylation. p. 601.

Sych, E. D., Umanskii, L. P. - Thiazocyanines. Part 13: Thiazocyanobenzynes with electronegative substituents in a polymethine chain. p. 604.

Kucher, R. V., Nikolaevskii, A. N., Chernik, B. I. - Mechanism of the formation of olefin hydrocarbon oxides during their liquid-phase oxidation. p. 611.

Novikova, O. A., Kuznetsova, V. P., Kornov, K. A. - Some properties of polymers based on di- and triethylenylalkyl arylbenzenes. p. 617.

Platnitskii, I. V., Soreda, E. S. - Study of tartaric complexes of niobium by extraction methods. p. 629.

Gorbenko, F. P., Nadozhda, A. A. - Strontium extraction using the azo-azoxy BH reaction. p. 625.

Shokalo, M. I. - Study of the interaction of titanium ions with phenanthroline by the metal-indicator method. p. 630.

Tarasov, I. I., Rzaev, P. B., Tarasovich, V. B. - Adsorption of pyridine on vermiculites. p. 636.

Govorov, A. A. - Apparatus for a complex thermal analysis. p. 636.

Nazarov, V. I., Galich, P. N., Gulyria, V. S. - Approximate equation of the sorption rate determined by an internal diffusion and external mass-exchange. p. 638.

Vodovonko, I. D., Bospal'ko, O. P. - Electrodeposition of iodine from pyrophosphate electrolytes. p. 638.

Nikolai Nikolaevich Gratsianskii, obituary. p. 641.

USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 37, no. 5, May 1968.

Table of contents translated:

Pudovik, A. N., Khairullin, V. K. - Reactions of phosphorus acid halogenhydrides with unsaturated compounds. p. 745.

Baldakov, S. S. - Concept of electronegativity, results and prospects. p. 778.

Shvel'gel'man, G. A., and others. - Methods of production and chemical properties of aliphatic halonitrile compounds. p. 810.

Lozinskii, M. O., Pel'tis, P. S. - Chemistry of acyl- and sulfonylurea, thio, seleno, and tellurocarbamates. p. 840.

Morozov, I. D., Oralkina, M. E. - New data on biradicals. p. 893.

Dremil, A. N., Bessov, O. N. - Processes taking place in solids under the effect of strong shock waves. p. 908.

Engel, H. - Chemisorption as an initial stage of the reaction of gases with solids. p. 917.

Ledev, I. A. S. - Use of EPR in chemical kinetics. p. 934.

Vol. 37, no. 6, June 1968.

Table of contents translated:

Strigun, L. M., Varlamov, L. S., Fomin, N. M. - Oxidation of sterically hindered phenols. p. 969.

Pokhodenko, V. D., Khizhnyi, V. A. - Stable phenoxyl radicals. p. 973.

Akhrem, A. A., Moiseyenko, A. M., Dobynin, V. N. - Displacement configuration in the reactions of opening of epoxide ring. p. 1025.

Sazanov, I. N. - Polymerization of lactones. p. 1034.

Byk, S. S., Fomina, V. I. - Gas hydrates. p. 1037.

Berkman, I. A. P. - Synthesis of technical tanning materials. p. 1130.

UZBEKSKII KHIMICHESKII JURNAL [UZBEK CHEMICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.], Tashkent, vol. 12, no. 1, 1968.

Table of contents translated:

Habibov, M. N. - Features of metal decomposition of calcium phosphorites. p. 3.

Muminov, M., Mirzaev, F. M., Nabiev, M. N. - Decomposition of Karatau phosphorites in a mixture with potassium sulfate in an incomplete form of nitric acid. p. 1.

Shayba, M. T., Baprov, N. A., Tashkizhanov, S. - Thermographic analysis of nickel and cobalt alloys. p. 9.

Larionova, T. S., Gekel', E. L., Akhmedov, K. S. - Volume determinations of aluminized Portland cement. p. 12.

Umarov, Kh., and others. - Study of effect of change in alumina content on the physicochemical properties of dolomite opaque glasses. p. 14.

Nabiev, M. N., Chirshikov, D. M., Lainer, M. A. - Study of some aspects of neutralization of aluminum nitrate solutions. p. 17.

Akhmedov, N., Ganiev, A. G., Ildamova, K. - Study of the extraction of silver diethyl dithiophosphate by carbon tetrachloride. p. 20.

Muhtarova, A. E., Tulpov, Sh. T., Dablanova, R. Kh. - N-methylanthraniline α -azobenzylhydrazide as a reagent for a photocolometric determination of nickel. p. 23.

Nazarov, Sh., Prieval, M. - Use of spectrum analysis in study of wood obtained from the Karakul lamb. p. 26.

Zhidnov, A. K., Kapitsa, N. V. - Consecutive amperometric titration of binary cation mixtures containing bivalent mercury-cadmium-zinc-lead. p. 28.

Osipova, M. I., Khodzhiev, O. - Methods of analyzing mixtures of light benzenecarboxylic acids. p. 32.

Anthony, S. N., Terent'ev, A. B. - Analysis of fatty acids and their derivatives by gas-liquid chromatography. p. 35.

Askarov, M. A., Semonova, L. N., Babadzhanova, E. N. - Study of the properties of some itaconic acid-base synthesized water soluble polymers. p. 38.

Azatkhonov, T., Savranskii, S. D., Askarov, M. A. - Grafting of polymers of glycol dimethacrylate to cellulose in the presence of cerium ions. p. 41.

Iusupbekov, A. Kh., Akhmedov, T. R., Rakhimova, D. V. - Study of antibacterial properties of cellulose modified by α - β -dichloropropionic acid. p. 44.

Sulfovnikova, V. I., and others. - Graft copolymers of cellulose and polymethylacrylonitrile. p. 46.

Romanova, I. B., Penskaya, L. V., Freidlin, I. Kh. - Obtaining substituted ureas by using carbon monoxide. p. 49.

Kholmikov, M., Kadyrov, Ch. Sh. - Synthesis of m - n -propylbenzoylpropionic and m - n -propylphenylbutyric acids. p. 52.

Moiseeva, G. P., Rashtkeva, I. A. V. - Integral intensities of some absorption bands in infrared spectra of a series of derivatives of diatomic phenols. p. 55.

Ismailov, N. P., Sadykov, A. S., Rustamov, Kh. R. - States of anhydrous adsorption by cation exchange. p. 58.

- ... critical in various aggressive media. p. 61.
Galkina, G. V. - Sulfate stability of Portland cement of the Arkhangelsk Plant. p. 63.
Shukhov, T. T., and others. - Technology of preparation of Lactopapax. p. 65.
Bryukhovskii, V. E., Kalinskaya, L. I., Bragina, O. I. - Composition of acid fractions of hydrogenolysis products of lignin and model substances. p. 67.
Mikhailov, G. Sh., and others. - Study of pyrolytic rate of oxidative pyrolysis of gas condensate of the Uzhetyl Molarek field. p. 70.
- Vol. 12, no. 2, 1968
- Table of contents translated:
- Norov, K., Mirzaev, F. M., Nabiev, M. N. - Solubility of potassium sulfate in dilute acid solutions at 40° and 50° C. p. 3.
Parylev, N. A., Maslennikov, I. A. - Study of silica and germanium fluoride complexes by the ion exchange method. p. 6.
Sheslerova, I. P., and others. - Synthesis of N-methyl-nabasine, α -azul-n-ethylresorcinol and spectrophotometric study of the reagent state in solutions. p. 10.
Shirayeva, Sh. T., and others. - Spectrophotometric study of the state of N-methyl-nabasine- α -azul-naphthol-5 sulfonic acid in solutions. p. 13.
Zhdanov, A. K., Utrudskis, S. M. - Amperometric titration of hydrogen peroxide by solutions of some oxidizers on the unit with a platinum rotating electrode. p. 16.
Abramova, E. L., Talipova, L. L., Parylev, N. A. - Spectrophotometric determination of phenol by thioxylic acid. p. 19.
Aizimov, I., Irkikhodzhaeva, A. P. - Effect of the changes of CaO content on physicochemical properties of titanium glaze coatings of talence. p. 23.
Nabiev, Sh. M., Chirzhikov, D. M., Lainer, M. A. - Study of the neutralization conditions of aluminum nitrate solution containing iron. p. 26.
Kopylova, B. V., Khasanova, M. N., Freidlina, R. Kh. - Interaction of thiourea and N,N'-diethylthiourea with compounds containing the bond of S- and N-halogen. p. 29.
Romanova, I. B., Anarova, K. V., Freidlina, R. Kh. - Interaction of hydrazine hydrate with carbon monoxide. p. 35.
Goluvinskina, I. F. - Syntheses of anilides of some acids. p. 38.
Latipov, Dzh. Z., Kadyrov, Ch. Sh. - Alkylation of monosubstituted aromatic compounds by β -hydroxyketones. p. 40.
Kulagina, T. G., Askarov, M. A. - Graft copolymerization of styrene and its derivatives with cellulose. p. 44.
Rakhimkariev, R. U., and others. - Synthesis and transformations of allyl ether of cellulose. p. 48.
Usmanov, Kh. U., Kurbanov, Sh. A., Tillaev, R. S. - Radiation grafting of vinyl chloride to polyethylene of high and low pressure. p. 52.
Grigor'yan, L. E., T. G. Gafurov, T. G., Bragimov, F. - Synthesis of graft copolymers of cellulose from the mixture of butylmethacrylate and methacrylic acid. p. 56.
Askarov, M. A., Sirazhdinova, M. A., Semanova, L. N. - Polymerization of the esters of aliphatic series of itaconic acid. p. 58.
Zinina, G. N., and others. - Synthesis of graft copolymers of aceto-unsaturated esters of cellulose. p. 61.
Ismamov, T. Kh., Abramov, O. A. - Study of the exterior form of electrolytic tellurium. p. 64.
Makhmudzhanov, R., Rizaev, N. U., Maslennikov, Kh. I. - Effect of some aqueous organic solutions on the ion exchange process on furan cation exchangers. p. 67.
Ismailov, N. P., and others. - Kinetics of the adsorption of anabasine on KU-2 cation exchanger. p. 70.
Mishin, V. I., Parylev, N. A. - Potential determining mechanism in the system zinc - concentrated aqueous solution of alkali. p. 72.
Gulamov, M. G., Kantsepol'skii, I. S., Kartova, F. - Effect of sodium silicofluoride on firing aluminabellite cement. p. 75.
Ismailov, Kh. R., Karimov, R. Z. - Study of the hydrolysis of iron from the technological solutions of aluminum nitrate in autoclave conditions. p. 78.
Kolontarov, I. Kh., Stravchinskii, A. I. - Effect of hydrothermal treatment on the weather resistance of cements. p. 80.
Ivanov, R. N., and others. - Use of the fluidized bed for obtaining concentrated phosphoric and complex fertilizers from Karatau phosphorites. p. 84.
- ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 23, no. 7, July 1968.
- Table of contents translated:
- Ostroumov, E. A., Volkov, I. I. - Use of chromatic analysis in analytical chemistry. Report No. 12. Principles of separation and determination of optical fluctuations of widespread light sources for spectral analysis. p. 930.
Miller, R. M., Chupakhin, A. S. - Mass spectral determination of potassium and calcium impurities in high-purity substances. p. 967.
Abdusalhamov, N., Ganiev, A. A., Basev, A. I. - Extraction-radiometric method of determining silver as diethyl dithiophosphate. p. 1000.
Adamovich, L. P., Vu Van-nan. - p-Sulfobenzoic acid as a photometric reagent for beryllium. p. 994.
Ragdasarov, K. N., Anisimova, L. G., Tatarov, O. A. - Spectrophotometric study of the interaction of mercury (II) with 5-allyl-2-furylthiendene-sulfoncarbazone. p. 1002.
Teren'tov, A. P., Rukhadze, E. G., Dunina, V. V. - Spectrophotometric determination of zinc and cadmium. p. 1008.
Levin, I. S., Azarenko, T. G., Balakireva, N. A. - Use of alkylphosphoric acids in analytical chemistry. Report No. 8. Determination of microgram quantities of lithium in the products of lead-zinc and copper industries. p. 1013.
Biriuk, E. A., Nazarenko, V. A. - Chemical mechanism of the reactions of ions of multivalent elements with organic reagents. Report No. 10. Reaction of titanium (IV) with chromotropic acid and 1,8-dihydroxy-naphthalene. p. 1018.
Markova, I. V., Slakova, S. I. - Determination of nanogram amounts of cobalt and nickel by means of anisagm polarography with storage. p. 1023.
Tamarchenko, L. M., Toropova, V. F. - Photometric determination of bromides. p. 1028.
Kunonenko, L. V., and others. - Polarographic determination of 2,2'-bis(3-amino-4-hydroxyphenyl)propane in polymers. p. 1032.
Filenko, A. I., Kuznetsov, A. M. - Effect of the electrode rotation rate on the current value near the end point during amperometric titration with two indicator electrodes. p. 1036.
Krasnova, I. E., Zebueva, A. I. - Effect of the material of the electrode contact on the peak heights of anodic oxidation of metals in the method of amalgam polarography with storage. p. 1030.
Altman, I. P., Petrakova, M. N. - Measurement of pH in small volumes of solutions. p. 1042.
Gorushina, V. G., Biriukova, E. A., Razumova, L. S. - Determination of copper in gallium arsenide using lead-diethylthiocarbamate. p. 1044.
Gorushina, V. G., Biriukova, E. A., Razumova, L. S. - Picramine as a reagent for the spectrophotometric determination of copper (II). p. 1040.
Tarasovich, N. I., Kozlova, G. V., Kumina, D. M. - Determination of cadmium and zinc in potassium and rubidium nitrates by the atomic-absorption method. p. 1048.
Lazarov, A. I. - Photometric determination of rhodium by thioacetamide. p. 1050.
Rabetska, A. S., Volodchenko, T. T. - Determination of microgram quantities of iron in thin magnetic films. p. 1053.
Novikova, I. N. - Possibility of determining iron (II) in rocks and minerals by fusing with sodium metavanadate. p. 1057.
Chechava, A. N., Radushev, A. V. - Extraction-photometric determination of platinum and palladium by means of 1-phenyltetrazolone-5-thione. p. 1059.
Rudenko, N. P., Korshakovich, V. O. - Extraction separation of iridium and platinum. p. 1061.
Tipsova, V. G., and others. - Chemical-spectral determination of lead in composite semiconductor of the A₂B₃ type and in initial components. p. 1065.
Gel'man, N. E., Shovelova, N. S., Shinkova, N. I. - Quantitative analysis of organometallic compounds. Simultaneous microdetermination of carbon, hydrogen, and hetero element forming a volatile oxide. p. 1067.
Teren'tov, E. A., Molodina, T. M. - Microdetermination of manganese in organic compounds by the polarographic method. p. 1070.
Karnitskii, A. A. - Determination of alkoxy groups in methylhydroxypropylcellulose by means of gas-liquid chromatography. p. 1072.
Cholnokova, M. N., Dubrovina, L. N. - Study of the potentiometric behavior of perfluorinated dicarboxylic acids in nonaqueous media. p. 1076.
Dmitriev, M. T., Kilrosskii, N. A. - Gas chromatographic determination of carbonyl compounds in the air. p. 1079.
Bardyshev, I. I., Kulikov, V. I. - Relative rotation values of terpenes in various liquid phases. p. 1081.
Bel'skii, V. E., Bazzubova, N. N. - Study of conditions for iodometric determination of cumene hydroperoxide. p. 1084.
Fofanov, V. D., Tolikina, N. F., Bolintsekin, O. N. - Determination of small amounts of dibutyl selenate by means of high temperature gas chromatography. p. 1087.
Teren'tov, V. A., Andreeva, R. K. - Spectrophotometric method for determining the total carbonyl compounds by means of 2,4-dinitrophenylhydrazine. p. 1089.
- ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 40, no. 12, Dec. 1966.
- Table of contents translated:
- Balashov, D. B. - Study of the isothermal compressibility of nitroglycerin powders in the region of pressures up to 20000 kg/cm² and temperatures with 20-30° C range. p. 2037.
Kokotov, M. A. - Some properties of 8-shaped hexachloroindolene in an ideal bimolecular ion exchanger. p. 2041.
Polnova, I. A., Iveshko, P. Z. - Approximate analytic solution of the equation of the film kinetics of ion exchange. p. 2047.
Vuleberg, E. B., Ikhonova, Z. I., Buzen, D. B. - Kinetics of ion exchange of large organic cations on carboxylic cation exchangers. Part 2. p. 2053.
Knyazev, N. N., Sokolova, N. P. - Correlation of spectral and structural properties of polymers and determination of the infrared spectra of calcium ions adsorbed on metals. Part 1. p. 2057.
Bragina, M. I., Kobayashi, M. I., Dzhurav, M. D. - Ultraviolet absorption spectra of sulfuric acid solutions of dimethyl sulfoxide. p. 2064.
Kumarov, V. N., Tikhonov, M. V. - Temperature dependence of mass spectra. Part 1. p. 2067.
Kulev, L. A. - Calculation of kinetic coefficients in liquid-liquid systems. p. 2073.
Kologin, M. P., Fedin, A. S. - Interrelationships in some semiconductors. p. 2078.
Smolevskii, E. A. - Some aspects of the approximate estimation of the properties of saturated hydrocarbons. p. 2082.
Orlova, M. P. - Some thermodynamic characteristics of molecular oxygen at temperatures below 300° K. p. 2086.
Ruzinov, L. P., Vesolitskii, G. N., Izhmova, E. A. - Using the second-order method of calculation for calculating heat capacity in a multidimensional space. p. 2093.
Kup, I. Z. - Kinetic dependence of the jump in heat conductivity during melting of metals. p. 2095.
Bogdanovskii, V. N., and others. - Thermodynamic of solid solutions of metal oxides. Part 1. p. 2098.
Shigorin, D. N., Pavlenchik, L. A., Kikashvili, V. I. - Nature of hydrogen bonding in some hydrocarbons. p. 2100.
Kushnir, T. M., and others. - Liquid-vapor phase equilibrium in the system water - formic acid - acetic acid at 50 mm. mercury. p. 2104.
Vorobeva, A. I., Karapoltina, M. Kh. - Mutual solubility in the system water - aliphatic alcohols - n-alkanes. Part 1. p. 2108.
Veselov, V. P., Kochergina, L. A. - Effect of temperature on the heats of ionization of aliphatic alcohols in aqueous solution. p. 2124.
Dlagol, I. U. P., Orlovskii, N. A. - Liquid-vapor phase equilibrium of the systems propylene - methane - propylene - carbon tetrachloride. p. 2131.
Lashova, T. M., Ogorskiy, B. K. - Phase equilibria in condensed systems. Part 1. p. 2137.
Farkov, O. N., Nikulov, L. A. - Adsorption activity of catalytic emulsions of dyes. p. 2143.
Pisynskii, A. G., Tvorilov, V. N. - Kinetics and mechanism of action of phosphoglucomutase at pH=7.5. p. 2148.
Svoboda, E. B., Filin, R. M. - Catalytic interaction between hydrogen chloride and methanol. Part 2. p. 2155.
Filonov, A. P., Krylov, I. V. - Study of the kinetics of catalysis by means of oxo-electron emission. Part 6. p. 2160.
Balashov, D. B. - Thermodynamic properties of nitroglycerin powders in the region of pressures up to 20000 kg/cm² and temperatures 20-30° C. Part 1. p. 2166.
Sharapova, N. P., Chumlov, K. V., Korshanova, S. P. - Determination of the dissociation constants of phosphoric acid groups of ion exchangers. p. 2171.
Tikhonov, G. F., Tomkin, O. N., Filin, R. M. - Indicator for determining the acidity function of hydrochloric acid in solutions of copper monochloride. p. 2176.
Antonovskii, V. L., Terent'ov, V. A. - Behavior of ketone peroxides in solution. Part 6. p. 2178.
Basev, I. U. G., Tikhonov, I. A., Molodetskiy, V. N.

- Separation of oxygen isotopes in the synthesis of carbon dioxide in an arc discharge. p. 3080.
- Sedykh, N. V. - Measurement of the diffusion coefficient of macromolecules on microwaves. p. 3082.
- Bukharina, O. F. - Interaction of organic dyes with F-conformers in NaCl crystals. p. 3083.
- Mamets, K. K., and others. - Thermodynamic studies at low temperatures. p. 3086.
- Bakhtin, Sh. M. - Calculation of effective ion charges in acid salts of hydroxy acids based on thermodynamic data. p. 3089.
- Gordichko, S. P., Fesenko, V. V., Fencelka, B. V. - Vapor composition and limits of evaporation of cerium, gadolinium, gadolinium, and terbium hexaborides. p. 3092.
- El'kov, I. E., Kapleva, V. V., Iaromash, E. I. - Study of true heat capacity of chalcogenides of rare earth elements at low temperatures. Part 1. p. 3094.
- Al-Zaidi, Z. I., Mikhaylov, A. O. - Phase diagram of the binary system lead-manganese. p. 3097.
- Ust'manov, V. M., Resonov, E. F., Ust'manova, T. A. - Study of the solid solutions of cupric oxide in periclase. p. 3099.
- Andlov, T. G., Ryabinin, V. N. - Apparatus for measuring magnetic properties. p. 3103.
- Kudachov, S. M., Lebedev, E. S. - Apparatus with a valve for studying phase equilibria and volume relationships in the systems liquid - gas and liquid - liquid - gas. p. 3105.
- KPoleva, S. M., Lebedev, E. S., Belinova, V. S. - Apparatus for studying p - V - T relationships of gases and their mixtures. p. 3107.
- Mikhaylov, E. A., Kravtsov, E. M., Mat'nev, A. N. - Role of a catalyst in the synthesis of hydrazine from ammonia in a barrier discharge. p. 3110.
- Murina Gerasimovna Stakhinova, laboratory. p. 3113.
- VIJURAL OISHCHEI KHIMI [JOURNAL OF GENERAL CHEMISTRY]**, Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 35, no. 3, Mar. 1968.
- Table of contents translated:
- Fuzhenkova, A. V., Arbutov, B. A. - Thermogravimetric study of maleic and fumaric acid esters. p. 317.
- Fuzhenkova, A. V., Arbutov, B. A. - Use of thermogravimetry for studying the reaction of olefin synthesis. Part 1: Reaction of olefins with some derivatives of acrylate and maleic anhydride. p. 421.
- Michailin, V. N., Potashov, U. N., Samokhvalov, G. I. - Kinetic decomposition of naphthalene. Part 2: Oxidation of 1,2,3,4-tetrahydronaphthalene, 1,2,3,4-tetrahydronaphthalene, 1,2,3,4-tetrahydronaphthalene, 1,2,3,4-tetrahydronaphthalene. p. 427.
- Vorobova, S. I., and others. - Study of conformational states of peptide systems. Part 1: Quantitative evaluation of intramolecular hydrogen bonding in alanine oligopeptides by infrared spectroscopy. p. 428.
- Hudits, N. D., Alekseeva, L. V., Lunin, B. N. - Synthesis and study of compounds with potential biological activity. Part 2: N-acyl derivatives of gamma-aminobutyric acid. p. 430.
- Akhmed M. R. Nigdar, Pashkova, N. A. - Study of the chemical structure of the antibiotic albomycin. Part 2: Synthesis of tri- and hexapeptides with different configuration of amino acids (serine and ornithine). p. 441.
- Pashkova, N. A., Akhmed M. R. Nigdar. - Study of the chemical structure of the antibiotic albomycin. Part 2: Synthesis and study of the properties of serine and ornithine cyclohexapeptides. p. 450.
- Machukova, A. M., and others. - Synthesis of 16 alpha, 17 alpha-dimethyl-24-oxo-21-on-3, 20-dione acetate. p. 450.
- Obol'skaya, E. A., Volkova, O. I., Samokhvalov, G. I. - Synthetic studies in the field of polyene compounds. Part 28: Total synthesis of coconyne Q₂, Q₃, Q₄, and hexahydro Q₄. p. 459.
- Pachin, V. A., Urzhomko, T. I., Otolakova, V. A. - Thermal decomposition of peroxide esters of undecylenic acid. p. 463.
- Polukhov, G. G., Ermolaev, V. I., Kaplina, R. V. - Thermal decomposition of cyclopentadienylcarbonyl compounds of iron and nickel. p. 465.
- Trounev, U. V., Pufko, E. G. - Study of complex formation of halo derivatives of aromatic amines with nitro compounds. Part 2: Reaction of alpha- and m-halo amines with dinitrobenzenes. p. 470.
- Vasil'eva, V. F., and others. - Substances with complex-forming capacity. Part 12: (N'-hydroxy ethyl)-methyloltriamine-N, N'-tetraacetic acid. p. 473.
- Vai'tsov, V. K., Pokina, I. A., Grankina, Z. A. - Reaction of horizontal of lamellates with water in a micelle. p. 477.
- Zolotarev, V. V., Suvorova, K. M. - Synthesis of chelates of bivalent nickel, trivalent cobalt, bivalent copper with Schiff bases. p. 480.
- Sholin, S. M., Elsteev, A. V. - Nucleophilic substitution in the aromatic series. Part 18: Kinetics of the reaction of m- and p-chlorobenzotrifluorides with sodium methylate in methyl alcohol. p. 487.
- Sholin, S. M., Eval'cov, A. V. - Nucleophilic substitution in the aromatic series. Part 17: Kinetics of the reaction of o-chlorobenzotrifluoride, its mono- and bis-trifluoromethyl-substitutions with sodium methylate in methyl alcohol. p. 492.
- Aleksandrov, I. U. A., Radul', B. A. - Photolysis of trichloroethene. p. 499.
- Chernyshev, E. A., and others. - Hydrogenation of para-substituted element-containing styrenes on Raney nickel catalyst. p. 504.
- Kitaev, R. P., Serebrya, I. M. - Study of the structure and reactivity of carbonyl compound derivatives containing nitrogen. Part 26: Electrochemical reduction of arylhydrazones of benzaldehydes. p. 509.
- Kotrina, L. S., Farin, G. G., Iakobson, G. G. - Aromatic nucleophilic substitution. Part 12: Reaction of pentamethylbenzene with pentachlorophenol and 2, 3, 5, 6-tetrachloro-4-methylpyridine. p. 514.
- Gerasimova, T. N., Barkhash, V. A., Vorozhlov, N. E. - Polyfluorotriarylmethanes and their derivatives. Part 4: Reaction of polyfluorotriarylmethanes with aluminum halides. p. 519.
- Tsukerman, S. V., Surov, U. N., Lavreshin, V. F. - Dipole moments and infrared spectra of 4 and 4'-monosubstituted chalcones. p. 524.
- Bednagina, M. P., Petrova, G. M., Aglit'skaya, K. V. - Complex compounds of nickel with formazans containing a carbonyl group. p. 529.
- Rusev, A. I., and others. - Structure of antipyrine perchlorate. p. 534.
- Sokolova, E. B., Chalysh, G. P., Suslov, A. P. - Friedel-Crafts acylation of ferrocene by acid chlorides and anhydrides of fluorine-containing carboxylic acids. p. 537.
- Abramov, V. S., Shalman, A. L., Mohodykh, Zh. V. - Reaction of alkylphosphorus acids with aldehydes and ketones. Part 33: Products of dehydrochlorination of dimethyl and di-ethyl-chlorophosphite esters of alpha-chloropropylphosphonic acids. p. 541.
- Feshchenko, N. G., Alekseeva, T. I., Kirsanov, A. V. - Mechanism of phosphorus diiodide alkylation. Part 2. p. 545.
- Ivanov, Zh. M., Stukalo, E. A., Derkach, G. I. - Acid fluorides of phosphoric acid alkyl esters and their derivatives. p. 551.
- Shevchenko, V. I., Koval', A. A., Kirsanov, A. V. - Reaction of trichlorophosphazene-1, 1, 2, 2-tetra-chloroalkanes with alcohols. p. 555.
- Mingalova, K. S., Iona, B. I., Petrov, A. A. - Dipole moments of phosphonic acid diethyl esters and the p - c bond moment. p. 559.
- Tomchina, L. F., Zaylin, P. M., Razumovskii, V. V. - Thermal transformations of methylphosphonic acid amide esters. p. 564.
- Droz, G. I. and others. - Synthesis and study of the structure of alkyl (aryl) trifluoromono-hydrates of phosphorus. p. 567.
- Droz, G. I., and others. - Alkoxyalkyl (aryl) difluoromono-hydrates of phosphorus. p. 578.
- Vaidichov, R. K., Kuznetsov, E. V., Reketova, I. E. - Reaction of amide of o-hydroxybutyric acid with phosphorus trichloride. p. 581.
- Khalilov, V. K., Sobchuk, T. I., Padovik, A. N. - Reaction of phenyl and p-tolylchlorophosphine with acrylate acid amide. p. 584.
- Protsenko, L. D., Svalenko, E. A. - Study of some transformations of acetylacetone-trimethylsilyl esters of phosphoric acid. p. 590.
- Neymyshova, A. A., Kuznetsov, I. L. - Nucleophilic substitution in a series of derivatives of phosphorus acids. Part 3: Kinetics of hydrolysis of dialkyl anhydrides of phosphorus acids. p. 595.
- Listvan, V. N., Dombrovskii, A. V. - Reaction of alkoxy and cyanomethylated triphenylphosphoranes with acid halides of halo acetic acids. Synthesis of phosphorus-phosphonium salts and bis-phosphoranes. p. 601.
- Mingalova, K. S., and others. - Dipole moments of organometallic acetylenes containing tin, phosphorus, and halogens at triple bond. p. 608.
- Krasnikova, E. A., Polopov, A. M., Razumov, A. I. - Study of derivatives of phosphorus and phosphinic acids. Part 49: Reaction of dialkyl esters of alkylphosphonic acids with alkyl halides. p. 609.
- Zhmurava, I. N., Durenko, R. I. - Anisochromic action of phosphazene group. Triphenylphosphazene-triarylamines. p. 613.
- Kharasch, V. F., Gil'm Kamal. - Refraction of a phosphorus atom and Caryl - P=O bond in esters of aryl-, arylalkyl-, and diarylphosphonic acids. p. 617.
- Savicheva, G. A., Gazizov, M. B., Razumov, A. I. - Reactivity of organophosphorus carbonyl containing compounds. Part 5: Polarographic study of phosphorylated o-ketones in an aqueous medium and N,N-dimethylformamide. p. 622.
- Andrianov, K. A., and others. - Synthesis and study of properties of bis-(trichlorosilyl)benzene and some of its derivatives. p. 627.
- Molodtsov, G. V., and others. - Halogenation of aromatic alkanes. Part 28: Obtaining chlorine derivatives of benzylchloromethane containing chlorine atoms in the methyl group and aromatic nucleus. Synthesis of hexachlorocyclohexylmethyl trifluoromethane. p. 631.
- Molodtsov, G. V., Instakova, V. T. - Halogenation of aromatic alkanes. Part 23: Obtaining chlorine derivatives of methyl benzylchloromethane. p. 636.
- Shkibiev, I. A., Askerov, G. F., Gornova, Sh. V. - Studies in the field of synthesis and transformations of unsaturated organic silicon and organogermanium compounds. Part 49: Synthesis and transformations of some unsaturated alkoxy derivatives of tetra-alkylsilanes. p. 639.
- Lapkin, I. I., Pivarnitsyna, T. N. - Studies in the field of organosilicon compounds. Part 5: Mechanism of the reaction of trialkylsilanes with aldehydes and esters. p. 643.
- Klimov, L. A., Reikhsfel'd, V. O. - Kinetic study of halogenation of methylhydricyclohexanes. p. 647.
- Saratov, I. E., Reikhsfel'd, V. O. - Study in the field of monorganosilanes. Part 16: Effect of strength of ligands on their capacity for association with organosilanes. p. 651.
- Lebedev, E. P., Reikhsfel'd, V. O. - Kinetics of addition of unsaturated compounds to alkylhydricyclohexanes. p. 655.
- Vnt. 38, no. 4, Apr. 1968.
- Table of contents translated:
- Bekhovskii, I. M., Vilman, E. O., Chernokov, V. F. - Physicochemical analysis of ternary systems of dimethyl sulfoxide with phenol, acetone, acetamide, and carbamide. p. 681.
- Fialkov, I. U. A., Kholodkovskaya, S. N. - Physicochemical analysis of binary liquid systems formed by diethylamine with haloacetic acids. p. 685.
- Shchukarev, S. A., Kirovov, E. E., Pelzlatiev, Sh. I. - Periodicity in the change of impurity distribution coefficients during crystallization processes. p. 690.
- Gorenblum, E. N., Trofimchuk, A. K., Abatkhachuk, I. I. - Complex formation of iodine with quinoline and acridine in nitrobenzene. p. 697.
- Rudenko, N. Z., Busurina, Z. A. - Reaction of 1-phenyl-2, 3-dimethyl-5-pyrazolone with benzole and salicylic acids. p. 700.
- Konopov, V. A., Porfir'eva, I. U. I., Petrov, A. A. - Synthesis and bromination of allyltri-fluoromethyl-acetylenes. p. 703.
- Mikarov, S. P., and others. - Reaction of trifluoromethylsilanes with amines. Part 4: Reactions of trifluoromethylsilanes with hydrazine, hydrazylamine, and their derivatives. p. 709.
- Perel'mov, A. P., and others. - Synthesis of optically active secondary mono- and bis-amines. p. 715.
- Kurov, O. A., Martynov, V. F., Morozov, V. B. - Amino acids and peptides. Part 2: Synthesis of completely protected nonapeptide of the oxotocin series with 3 nitro L-tyrosine in position 2. p. 720.
- Kurov, O. A., Lushchinskaya, I. M., Martynov, V. F. - Amino acids and peptides. Part 2: Synthesis of protected nonapeptides of the oxotocin series with sarcosine and N-methyl-L-norvaline in position 7. p. 724.
- Khvorova, N. M., Vofel'skii, L. N., Puskhareva, Z. V. - Synthesis in the natural amino acid hydrazide series. Part 4: Hydrazones of some androstane series ketones with hydrazides of natural N-acetylamine acids. p. 727.
- Poddubnaya, N. A., and others. - Study of the chemical structure of albomycin. Part 22: Features of the formation of ion complexes of peptides and cyclopeptides and their antimicrobial properties. p. 732.
- Likvinenko, L. M., Savelova, V. A. - Effect of carboxylic acids on acylation of aromatic amines by organic sulfo acid halides. p. 737.
- Likvinenko, L. M., Savelova, V. A. - Rate of aromatic amines acylation by arylsulfo halides in dioxane. p. 747.
- Tolmachev, V. N., and others. - Reaction of alpha, beta-unsaturated ketones with trichloroacetic acid. Part 7. p. 756.
- Safkina, M. K., Lavrakina, L. V., Toropova, V. F. - Study of hydroxymercuribenzoate and hydroxymercurisaccharic acids. p. 759.
- Fokin, A. V., and others. - s-Triazines. Part 8: Condensation of perfluoroalkenes with benzamidine. p. 762.
- Sibirskaya, V. E., Kaufman, L. I., Kustova, S. D. - Composition and structure of substances obtained from sclareol. Part 2: Dehydration of sclareol aldehyde. p. 766.
- Denisov, I. U. V., and others. - Transannular amide - amide interaction of cyclopeptides during mass spectrometry. p. 770.
- Vinogradova, E. I., and others. - Mass spectrometric determination of amino acid sequence in peptides. Part 9: Synthesis of derivatives of peptides containing phenylalanine and tyrosine radicals. p. 777.

dimerization of amino acid sequence in peptides. Part 10: Synthesis of derivatives of peptides containing histidine and tryptophan radicals. p. 767.

Shemakina, M. A., and others. - Mass spectrometric determination of amino acid sequence in peptides. Part II: Regularities of fragmentation of peptides containing aromatic and heterocyclic amino acids. p. 799.

Ginsburg, V. A., Privezerina, N. F. - Polyfluoroazo compounds. Part I: Condensation of polyfluoroalkanes with primary amines. p. 832.

Fokin, A. V., Uzun, A. T. - Reaction of dihalo-chlorotriazene with butadiene in gas phase and some transformations of the resulting adduct. p. 835.

Ferostan, I. U. N., Efimova, E. I., Novikov, V. I. - Studies in the dipperidyl series. Part I: Products of the reduction of dipperidyls. p. 839.

Rubinchuk, G. F., Manolkin, Z. M. - Synthesis of organotin compounds in the alkylic series containing glycol and glycerol radicals. p. 841.

Pankratova, V. N., Stepanov, I. P. - Reaction of triethylstannanol with diethylcadmium and triethyltinium. p. 844.

Bergel'son, I. D., Baranov, L. I., Shemakina, M. M. - Reaction of stereoselectivity of Wittig reaction with nonstabilized and partially stabilized phosphorides. p. 846.

Shevcherko, V. I., Kulibaba, N. K., Kirsanov, A. V. - Phosphorylation of aromatic thiocyanates. p. 850.

Grishin, O. N., Kosova, L. M., Efimova, E. I. - Salts of alkylthiophosphines. Part I: Synthesis of ethylmercaptan thyl esters of alkyl-O-alkyl-N-dialkylammonium phosphinic acids. p. 853.

Zemlitskii, N. I., Kalashnikov, V. P., Gaydar, A. P. - Heterocyclic dithiophosphates. Part 2: Salts and neutral esters of heterocyclic dithiophosphoric acids. p. 855.

Khatulitin, V. K., Kudralova, R. M., Pudovik, A. M. - Reaction of chlorophosphines with amide of methacrylic acid. p. 858.

Abramov, V. S., Gubaidullin, M. G. - Reactions of ethanides of phosphorus acids. Part 14: Action of halo-alkyl and acyl on mixed amides of sulfonic and phosphorus acids. p. 862.

Abramov, V. S., Shergina, I. V. - Reaction of dialkylphosphorus acids with aldehydes and ketones. Part 34: Esters of α -acetoxyethylphosphinic and α -acetoxyphenylphosphinic acids. p. 866.

Englin, M. A., and others. - Hydrazides of methylphosphonic and methylthiophosphonic acid esters. p. 869.

Skokol, V. A., Golik, G. A., Dykach, G. I. - Derivatives of triethylphosphazene triethylphosphonic acids. p. 871.

Zhmurova, I. N., Martynuk, A. P. - Triphenylphosphazene carbonyls. p. 876.

Horber, B. G., and others. - Studies in the field of phosphorus and phosphinic acid derivatives. Part 53: Esters of erythrophosphoric acid, their synthesis and properties. p. 978.

Aliev, M. I., Podchayev, N. I., Israfilova, S. Z. - Synthesis of some saturated and unsaturated esters. Methyl and 1,3-dimethylcyclopentylphosphonic acids. p. 883.

Deitay, N. N., Stadnichuk, M. D., Petrov, A. A. - Studies in the field of unsaturated organosilicon compounds. Part 20: Kinetics of the bromination of 1,3-enyne silicon hydrides and of some of their hydrocarbon analogs. p. 886.

Bryukvskaya, A. V., Albitskaya, V. M. - Studies in the chemistry of organic oxides. Part 26: Addition of alkylthiosilanes to divinyl and chloroprene oxides. p. 893.

Fedotov, N. S., Rybak, I. G., Mironov, V. F. - Synthesis of acid chlorides of aliphatic silylcarboxylic acids. p. 898.

Zhukin, D. A., Iosov, V. B. - Aminoalyses of polyfunctional chloroorganochlorosilanes. p. 900.

Kriuchkova, A. P., Shvachgelmer, G. A. - Synthesis of α -dicyanoethyl tetramethyldisiloxane. p. 902.

Shvachgelmer, G. A., Kriuchkova, A. P. - Synthesis of low molecular polydimethylsiloxanes with ester end groups. p. 904.

Vitazankin, N. S., and others. - Reactions of triethylsilane and its analogs with tetraethyllead. p. 906.

Sinetankina, N. P., Karbovskaya, L. E. - Carbonyl functional organosilicon compounds. Part 3: Reaction of bis (alkylmethylphenyl) disiloxanes with mono- and dithiocyanates. p. 911.

Klebanskii, A. L., and others. - Polyfluoroaromatic derivatives of silicon. Part I: Pentadecaphenylsilanes and pentadecaphenylsiloxanes. p. 914.

Kikol', B. S., and others. - Infrared spectra of quinones in the 1600 to 1700 cm^{-1} range. p. 919.

Gal'perin, V. A., Balabanov, G. P. - Some regularities in the infrared and electronic spectra of azides of aromatic sulfonic acids. p. 926.

Shimanskii, N. P., Lodygin, N. A., Bezuglyi, V. I. - Polarography of some pyrazole derivatives. p. 929.

Novikova, A. P., and others. - Hydrogen bonding in formazans. p. 934.

Mel'nikov, N. N., and others. - Organic isocyanolones. Obtaining 8-alkoxybenzylidenechlorobutanes. p. 938.

ZHURNAL ORGANICHESKOI KHIMII (JOURNAL OF ORGANIC CHEMISTRY) Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 4, no. 3, Mar. 1969.

Table of contents translated:

Mel'nikov, V. V., and others. - Analysis of dimethoxyethyl compounds. Part 6: Raman effect spectra. p. 349.

Boleskaya, I. P., Kuris, A. L., Reastov, O. A. - Electrophilic substitution at aromatic carbon atom. Part 7: Effect of substituents in catalyzed polycondensation of arylmercury bromides. p. 352.

Mozeev, I. I., Grigor'ev, A. A., Pevnikov, S. V. - Isomerization of alpha-olefins in solutions of palladium chloride. p. 354.

Azerbaev, I. N., Molchanova, T. Kh., Krasnomolova, L. B. - Thiocyanatoacetic esters of tertiary acetylene and diacetylene glycols. p. 360.

Vlasov, V. M., and others. - Hydration of secondary-tertiary acetylenic δ -glycols. p. 362.

Vlasov, V. M., and others. - Hydration of primary-tertiary and secondary-tertiary acetylenic γ -glycols. p. 363.

Fatorkina, I. A., and others. - Hydration of vinylphenylacetylene and isopropenylphenylacetylene. p. 368.

Konstantinov, M. I., Suvorova, G. N., D'inkorov, I. A. - Reaction of aliphatic diazo compounds with unsaturated compounds. Part 26: Synthesis of ethyl esters of 1-methyl-2-p-lyl-1-cyclopropyl-3-carboxylic acid and cis-, cis-, and trans-1-methyl-2-p-lylcyclopropyl-3-carboxylic acids. p. 371.

Kidus, I. A. T., Pirozhkov, S. D., Pozitskii, K. V. - Synthesis of derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins and acylating compounds. Part 27: Carbonylation of $\text{C}_5\text{-C}_7$ α -olefins of normal structure by carbon monoxide in the presence of triethylphosphoric acid. p. 379.

Dobchenko, V. N., Kovalenko, V. I. - Study in the field of free acyl radicals. p. 381.

Nesmetinov, N. A., and others. - Formation of phosphine polyethylenes in the decomposition of phosphonium salts containing aryl group. p. 385.

Akimova, O. S., Chistoklov, V. N., Polov, A. A. - 1,3-Dipolar additions to unsaturated compounds. Part 19: Reactions of organic azides with thioether acetylenes. p. 389.

Smushkevich, I. I., Makarov, M. G., Kibov, B. V. - Reaction of aldehydes with olefins. Part 4: Study of reaction mechanism. p. 394.

Kovalov, D. G., Al'mark, E. M., Shamshurin, A. A. - Ketoaldehydes. Part 5: Homologs of trimethyl-10-hydroxydecan-2-ol acid. p. 397.

Pitayeva, O. A., Reutov, O. A., Litlov, G. G. - Reaction of borofluoride of diphenylmethane with aniline. p. 401.

Shakimandukova, A. V., Bakalova, M. S., Vorob'ev, I. N. - Study of the reaction kinetics of the addition of α -chlorodimethyl ether to 2-chloro-1,3-butadiene. p. 410.

Belikova, N. A., and others. - Conversions of bicyclic bicyclic hydrocarbons. Part 8: Dehydration of 2-hydroxyethyl and methyl-2-hydroxyethylbicyclo-[2,2,1]heptanes. p. 416.

Belikova, N. A., Uchayeva, A. A., Plato, A. F. - Conversions of bridge bicyclic hydrocarbons. Part 7: Isomeric bicyclic bicyclic (3,2,1) octanes. p. 421.

Ol'dokov, I. U. A., Dykova, G. S., Bulotnik, Zh. I. - Studies in the field of acyl peroxides. Part 18: Peroxides simultaneously containing diacyl and peroxo-ester groups. p. 429.

Kholmatov, M., Kadyrov, Ch. Sh. - Alkylation of cumene by γ -butyrolactone. p. 433.

Shamikh Mamedov, and others. - Study in the field of esters of glycols and their derivatives. Part 120: Synthesis of alkoxymethyl esters of 1-phenyl-3-methoxy-1-propanol. p. 438.

Potolova, I. A., Gluzburg, O. F. - Hydration of acetylene analogs of triphenylmethane dyes. p. 440.

Valler, R. E., Valler, S. P., Kipina, A. R. - Synthesis of local β -diketone-based anesthetics. Part 3: Ring-chain isomerism in a series of β -dialkylaminoethylamides of 2-phenyl-1,3-indandione-2-yl acetic acid. p. 445.

Dukerov, R. G., Nepluvov, V. M., Pol'kis, P. S. - Studies in the field of arylsulfonyl methane series. Part 5: Synthesis of arylamides of bis(arylsulfonyl) malonic and acetic acids. p. 453.

Kuz'michov, O. V., Ustavshchikov, D. F., Farharov, M. I. - Synthesis and transformations of some esters of α -hydroxybutyric acid. p. 455.

Ostannikova, L. A., Sokolova, T. A., Zapovalova, N. P. - Reaction of unsymmetrically disubstituted hydrazines with derivatives of α , β unsaturated acids.

Catalytic effect of alkylhydrazines on the reaction of benzylaldehyde with chloranil. p. 402.

Kislov, I. A., and others. - Organic phosphazenes. Some derivatives of phosphazene. Part 2: p. 405.

Danilovskii, I. A. L., Marinkina, M. A., and others. - Dimer synthesis based on alkylhydrazine sulfides as a way in alkylureaphosphazene synthesis. p. 474.

Gitis, S. S., Kuvinskii, A. I. A., Varlamova, A. M. - Reactions of aromatic nitro compounds. Part 22: Reaction of nitro derivatives with alkylhydrazine in the presence of nitric acid. p. 484.

Stavrovskaya, V. I., Duvinskii, S. P., Kibov, B. V., M. O. - Analysis of acids in the Mannich reaction. Part 3: Aromatic amines in a reaction of acid methylation of nitro compounds. p. 441.

Frankovskii, Ch. S., Kalsel'man, H. Z., and others. - A series of p-oxoalkylated of the benzene ring. Part 3: Aromatic derivatives of nitro and nitro- β -oxoalkylphenyl sulfides. p. 490.

Eyges, T. S. A., Purnel-Kushits, H. A., Mekou, V. I. - Structure and transformations of nitro- β -oxoalkyl compounds. Part 43: Electrophilic nitration of β -oxoalkyl- β -benzylidene diazonium. p. 494.

Lislayn, V. N., Tselchuk, A. D. - Reaction of nitro- β -oxoalkyl aromatic compounds with nitro- β -oxoalkyl compounds in the presence of an organic base. Part 10: Reaction of nitro- β -oxoalkyl aromatic compounds with nitro- β -oxoalkyl compounds in the presence of an organic base. Part 10: Reaction of nitro- β -oxoalkyl aromatic compounds with nitro- β -oxoalkyl compounds in the presence of an organic base. p. 504.

Kholivinskii, I. V., Matveev, N. O., Chibrikov, A. K. - Studies in the field of chemistry of free radicals of the hydrocarbon series. Part 42: Synthesis of hydroxyl radicals. p. 509.

Zalchikov, I. P., Hollov, V. N. - Reaction of 2-phenyl-1,3-indandione with water. p. 511.

Goroth, M. V. - Study of quinones. Part 11: Synthesis and properties of 1,2,3,10-tetrahydroquinone. p. 513.

Gerasimova, I. U. R., Shigolevskiy, V. A. - Organic chemistry. Part 5: Some substituted benzene derivatives. p. 520.

Korobitsyn, I. K., Shulzinskii, O. B. - Properties of columns of the liquid chromatography. Part 1: Reaction of diphenylmethane with 2,2,3,3-tetraalkyl-1,3-butadiene-3,4-dimines. p. 524.

Petrov, K. D., Efimov, Z. B. - Fluorophenyl and benzylidene p-methoxyphenyl and nitro- β -oxoalkyl compounds. p. 529.

e. MATHEMATICS

CHESKOSLOVATSKII MATEMATICKII ZHURNAL (CZECHOSLOVAK MATHEMATICAL JOURNAL) Issued by Matematickí ústav Akademie věd České republiky [Institute of Mathematics of the Czech Academy of Sciences], Prague, vol. 15, no. 3 (193), 1969.

DIFFERENTIAL'NYE URAVNENIYA (DIFFERENTIAL EQUATIONS) Minsk, vol. 4, no. 4, Apr. 1969.

Table of contents translated:

Dmitriyev, B. P. - Orbital stability of solutions of a nonlinear autonomous system. Part I. p. 517.

Izomova, B. V., Kiguel'ev, L. T. - Study of the solutions of the equation $y'' + a(x)y = 0$. p. 520.

Petrov, N. N. - Controllability of autonomous systems. p. 520.

Emel'nov, A. R., Balibayev, M. A. - Asymptotic stability in the large of a certain nonlinear system. p. 519.

Loe', G. A. - Theorems on the stability of the solutions of a linear homogeneous differential equation of the n -th order. p. 525.

Goroth, S. I. - Some problems of the stability of the linear normal space. p. 531.

Avilov, N. I. - Some indications of the existence and absence of closed trajectories of a system of differential equations. p. 539.

Skripnik, V. P. - On degenerate systems and the small parameter of the derivation. p. 545.

Uvarov, V. B. - Asymptotic properties of a system of linear differential equations with delay. p. 559.

Kirelenko, N. F., Martynuk, A. A. - Preliminary estimates of solutions of a linear system of differential equations with random coefficients. p. 564.

Popovich, V. E. - Estimation of the error in the method of successive approximations. p. 572.

Grishakov, V. I., Shimanov, S. N. - On the stability of random periodic operations for linear systems. p. 575.

Ragimkanov, R. K. - On biological inequalities of Freilich equation whose right-hand part consists of a discontinuous operator. p. 581.

- A. M. - Restorability of points and domains in partially ordered dynamic systems. p. 693.
- G. P., Reucher, V. L., Shikharov, L. I. - Build-up of a sequence of coordinate functions in the Dirichlet and Neumann problems for domains of complex shape. p. 702.
- A. G. - On the limiting amplitude principle. p. 714.
- A. I. - On a model system of equations describing one-dimensional gas flow. p. 721.
- O. A. - Use of the method of quasi-solutions in the numerical solution of invariant problems. p. 735.
- M. S. - Maxwell equations and functionally invariant solutions of wave equations. p. 743.
- 7, July 1968.
- Table of contents translated:
- A. I., Myshkis, A. D. - Existence of the solution of a nonlinear boundary value problem for an arbitrary differential equation of the n th order. p. 71.
- A. V. - Asymptotic properties of solution of ordinary differential equations of the first order. p. 84.
- S. M. - Continuation of the solution of ordinary differential equations. p. 119.
- A. F., Shimanov, S. N. - Existence and calculation of periodic solutions of systems with a delay close to Liapunov systems. p. 119.
- R. E. - Attainability of a central exponent. p. 122.
- N. N. - Local controllability of autonomous systems. p. 1218.
- V. V. - Vibrations of nonautonomous systems in a special case with resonance. p. 1233.
- A. G., Burunkov, V. I. - Integrability in the theory of some systems of linear differential equations. p. 1241.
- V. I. - Asymptotic expansion according to the order of delay of the periodic solution of a neutral equation with a small lag. p. 1250.
- N. V. - Some indications of the existence of invariant solutions of a system of differential equations. p. 1258.
- A. S. - Estimation of a polyharmonic function and its derivatives near the domain boundary. p. 1265.
- O. - Problems for the heat conductivity equation with mixed boundary conditions. p. 1283.
- A. I. - Contribution to the theory of multivariate differential equations with constant coefficients. p. 1289.
- S. - Modification of Chaplygin's method for the exact parabolic equation. p. 1299.
- S. P. - Reducing the fundamental boundary value problems in the theory of shallow shells to the integral equations. p. 1304.
- N. A. - Solution of the Cauchy problem for a system of integrodifferential equations with analytical initial data. p. 1309.
- V. N. - Convergence and estimations of the order of the straight line method in solving some problems in mathematical physics. p. 1317.
- N. I. - Courant's problem for a second-order elliptic equation of a special type. p. 1333.
- P. E. - Elliptic equations in Banach space. p. 1348.

ATIKJA JA KAASAE [MATHEMATICS AND RESENT]. Issued by Tartu Riiklik Ülikool [State University]. Tallinn, nos. 13, 19, 1967, 1968.

TIKIESKII SBORNIK [MATHEMATICAL RE-] Issued by Akademiya nauk SSSR and Moskovskiy matematicheskiy obshchestvo [Academy of Sciences of the U.S.S.R. and the Moscow Mathematical Society]. Moscow, vol. 78, no. 2, Feb. 1968.

- Table of contents translated:
- L. P., Shinteev, A. - Primitive divisors in the expression $a^n - b^n$ in algebraic number fields. p. 171.
- Shinteev, L. N. - Subgroups of finite index in a linear group of a rank exceeding or equaling 2. p. 178.
- Orlov, V. I. - Divergent Fourier series. p. 185.
- L. A. - The entrance problem for free ducts of groups. p. 190.
- M. A. - Embedding of free-like compacts in \mathbb{R}^n . p. 211.
- Shinteev, L. N. - Solutions to certain functional equations in classes of functions analytical in domains. p. 226.
- Orlov, V. I. - On groups of motions of noncommutative angular symmetric spaces of the first kind. p. 238.
- Orlov, V. I. - Behavior of solutions to boundary value problems for second-order parabolic equations with indefinite increase of t . p. 241.
- Shinteev, L. A. - Lie groups transitive on compact manifolds. Part 3. p. 255.
- Shinteev, L. A. - Homeomorphisms of Euclidean and topological embeddings of polyhedra in Euclidean spaces. Part 3. p. 264.
- Orlov, V. I. - Almost acyclic mappings. p. 266.

Vakhtinskii, L. A. - Unitary irreducible representations of the group $GL(3, R)$ of real matrices of the third order. p. 303.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosveshcheniya SSSR [Ministry of Education of the U.S.S.R.]. Moscow, nos. 3, July-Aug. 1968.

ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATEMATICHESKOI FIZIKI [JOURNAL OF COMPUTER MATHEMATICS AND MATHEMATICAL PHYSICS]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 3, May-June 1968.

- Table of contents translated:
- Zhilovskii, I. A. - Quadrature formulae on classes of functions. p. 507.
- Netmark, I. U. I., Smirnova, V. N., Sterlin, A. M. - Stability of difference methods. p. 517.
- Gatpova, A. N. - Homogeneous implicit difference scheme for solving an evolutionary equation with phase shifts. p. 534.
- Arashev, A. A. - Scattering of a plane wave on a singular potential. p. 544.
- Koz'mina, M. G., Maslennikov, M. V. - Dependence of the asymptotic characteristics of the solution of Milne's problem on the dispersion index. p. 573.
- Mikhailov, G. A. - Estimation of some nonlinear functionals and approximate calculation of group constants in transport theory using the Monte Carlo method. p. 569.
- Zakharov, V. K., Saricarov, O. V. - Asymptotic methods for studying passages of a Gaussian Markov process with a given level. p. 603.
- Risakov, V. V. - Three-dimensional supersonic gas flow past a blunt body. p. 616.
- Sverin, I. L. - Calculating the supersonic part of the perturbed region near a blunt body in supersonic nonequilibrium flow. p. 634.
- Pshenichnyi, B. N. - A descent algorithm. p. 647.
- Pugachev, D. P. - Application of a generalization of the Vandermonde determinant. p. 652.
- Zabolotskaya, A. F. - Method for speeding up the convergence of an iterative method for determining the highest eigenvalue of a self-adjoint operator. p. 668.
- Arashev, A. A., Isakov, V. V. - Effect of p -order regularization. p. 681.
- Vorob'ev, I. U. V. - A random iteration process in the alternating direction method. p. 693.
- Kornelchuk, A. A., Chirkova, N. U. - Iteration method for finding the best approximation polynomial. p. 670.
- Birger, E. S. - Estimating the error in substituting conditions of boundedness for the solution of a linear differential equation on an infinite interval. p. 674.
- Ogiltarov, L. M., Favorskii, A. P. - Flow variant of the trial-and-error method. p. 679.
- Kalilkin, N. N. - Successive substitution in the case of an infinite heat conductivity coefficient. p. 684.
- Shikhov, S. B., Shishkov, L. K. - Existence and uniqueness of a positive solution for a critical reactor equation. p. 686.
- Bagrov, V. G., Hordovitsyn, V. A. - Electron motion in electromagnetic fields of a special type. p. 691.
- Baklanovskaya, V. F. - Numerical solution of the problem of pressure restoration and propagation of the unloading wave under conditions of elastoplastic permeation. p. 699.
- Lapina, E. P. - Paradox of the shallow water theory. p. 701.
- Sovolov, M. S. - Collapse of spherical cavities. p. 707.

I. PHYSICS

AKADEMIYA NAUK KAZAKHSTANSKOI SSR, Alma-Ata. Izvestiya. Seriya fiziko-matematicheskaya [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Physics-mathematical Series]. Alma-Ata, no. 6, Nov.-Dec. 1967.

- Table of contents translated:
- Kositskaya, A. A., Nemtsov, E. I. - Asymptotic neutron distribution in a moving medium. p. 3.
- Plotnikov, V. I., Kochetkov, V. I. - Use of magnesium hydroxide in separating small quantities of chromium and molybdenum. p. 10.
- Anzov, Z. V., and others. - Multivariate analysis of 17 GeV. pion-nucleon interactions. p. 13.
- Makhanov, U. M., Nikolaev, M. N. - Appliance for remote feed of specimens for neutron beam testing. p. 17.
- Bespalov, B. V., Pustynnikov, V. M. - Electronic analog for studying an automatic control system of unidirectional wire drawing machines. p. 21.
- Ustimenko, E. P., Zmalkov, V. N., Bekman, M. A. - Turbulent structure of rotating flows. p. 27.
- Paramonov, F. P., Turov, G. I. - Transition factor in the internal standard method following specimen excitation by polychromatic X-radiation. p. 31.
- Sakhlov, M. I., Grisman, I. G. - Simulation of a system of multiply connected control of an electric

- drive for multiple-strand long type wire drawing machines. p. 36.
- Koshchubekov, Kh. D. - A variant of technological design of a total absorption spectrometer in experiments with cosmic rays. p. 50.
- Tarasov, V. E., Chugachev, S. M. - Statistical shell model of an atom of the palladium group elements. p. 56.
- Korsunskii, M. I., Vilechek, A. D., Ganger, K. S. - Location of ion traps in amorphous photoconductive films of amorphous selenium. p. 61.
- Akhmadiev, A. T., Pustynnikov, V. M. - Stability of an automatic control system for a unidirectional wire drawing machine. p. 64.
- Grisman, I. G., Bakhtov, Sh. A. - Experimental study of a corona discharge on thin wires. p. 72.

Vol. 6, no. 2, Mar.-Apr. 1968.

- Table of contents translated:
- Dautov, I. M., Kalpov, D. K. - Interpretation of the isomeric shift in ^{157}Eu . p. 1.
- Dautov, I. M., Kalpov, D. K. - Details of orbital electrons of C, Si, and Ge atoms in the region of the position of the nucleus. Interpretation of isomeric shift in ^{157}Eu . p. 7.
- Rus'kin, V. I., Collak, I. G., Kosmachov, O. S. - One-particle exchange model of inelastic pion-nucleon interaction. p. 13.
- Zhebatov, A. F., Kalpov, D. K. - Study of nuclear gamma resonance spectra of some iron salts as dependent on temperature. p. 21.
- Tselimov, O. A., Ushakov, A. V. - Use of optical spectroscopy methods in measuring cyclotron parameters. p. 35.
- Grisman, I. G., Mirzazidina, Zh. A. - Kinetics of multistage or fluctuation processes. p. 41.
- Naibolov, F. - Transfer phenomena in a weakly ionized turbulent plasma in the absence of an external magnetic field. p. 48.
- Konstantinov, A. A., Nemtsov, E. I. - Radiation case in the solution of the kinetic transfer equation. p. 58.
- Kalpov, D. K., Zhebatov, A. F., Vereshchagin, M. F. - Studying temperature-dependent iron gamma-ray complexes with the aid of the Mössbauer effect. p. 62.
- Granovskii, I. A. - Nuclear mass difference as a radiation correction. p. 68.
- Piotnikov, V. I., Kochetkov, V. I., Chirakova, V. P. - Coprecipitation of small quantities of vanadium with metal hydroxides. p. 73.
- Saprykin, V. D., Mukhammedshina, D. M. - Intensity distribution in an OKG-12 laser beam. p. 80.
- Kalpov, D. K. - Applicability of nuclear gamma-ray resonance scattering in studying intramolecular processes. p. 84.

AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. Izvestiya. Seriya fiziko-matematicheskaya [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in the Physical and Mathematical Sciences]. Tashkent, vol. 12, no. 2, 1968.

- Table of contents translated:
- Azharov, T. A., Sakhkhalidze, N. - Uniform estimates in global limit theorems. p. 3.
- Atakholloev, M. A. - Uniqueness and stability theorems for an inverse problem of the potential of a simple layer. p. 7.
- Babadzhanov, S. V. - Reversibility of the fundamental problems in the theory of approximations. p. 14.
- Zmurovich, V. A., Achilov, Kh. - Extremums of some functionals defined on a class of C -functions in a circle where $|z| \leq 1$. p. 17.
- Karimov, D. Kh., Khatimov, M. - The history of trigonometric tables. p. 23.
- Karimov, D. Kh., Khatimov, M. - Mixed problems for a fourth-order linear equation degenerate on the domain boundary. p. 27.
- Koss, M. Sh. - Positiveness criterion for the potential function of oscillations of a mechanical system containing two zero eigenvalues. p. 32.
- Azimkhodzhaev, Kh. E., Shokman, M. K. - Effect of a strong constant electric field on the filling of trapping levels in CdS single crystals. p. 39.
- Mirsagatov, Sh. A., Morozkin, V. V. - Volt-ampere characteristics of electron-hole transitions in alpha- and beta-modifications of SiC. p. 46.
- Brynskikh, N. A. - Distribution of impurity atoms with diffusion processes in several stages. p. 51.
- Dzhakimov, E., Namakulov, R. - Calculating the effect of a magnetic field on the absorption of laser light by free electrons in semiconductors. p. 56.
- Mushev, P. H. - Theory of transport phenomena in semiconductors with degenerate zones. Part 2. p. 59.
- Begzhanov, R. B., Belen'kii, V. M. - E2-transitions from gamma energy levels in the rotational-vibrational model of the nucleus. p. 64.
- Starobukhtov, S. V., Agletskii, I. A., Bakayev, Sh. A. - Technique for measuring the torsional modulus of filamentary silicon crystals. p. 70.
- Saitarov, M., Talant, I. N., Khaliqov, T. - Determination of some elements in coal by activation analysis using ^{14}MeV neutrons. p. 74.

- Azharov, S. A., and others. - Distribution of residual electric masses in $\pi\pi$ -interactions at an energy of 11 GeV. p. 78.
- Moskalev, I. A. - Sintered oxide cathode with a nickel base. Part 2. p. 83.
- Isaev, Z. I., Rakhimov, G. R. - Amplitude and frequency characteristics of lower harmonic oscillations of the second order. p. 88.
- Starodubtsev, S. V., and others. - Spectrum analysis of gas liberation from silicon. p. 90.
- Rakhimov, Kh. R. - Equations of infinite order with linear rapidly increasing coefficients. p. 93.
- Abdullayev, Sh. A., Mikhalev, V. M., Chirva, V. P. - Bombardment of silicon single crystals by medium-energy positive cesium ions. p. 93.
- Lachinov, E. M., and others. - Determination of hafnium in titanium and its compounds. p. 94.
- Gladyshev, D. A. - Microsecond scheme of triplet coincidences. p. 96.

AKADEMIYA NAUK SSSR. Izvestiya. Fizika atmosfery i kosmosa [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Atmospheric and Cosmic Physics]. Moscow, vol. 4, no. 3, Mar. 1968.

- Table of contents translated:
- Shutetskii, V. V. - Connection between the climate of Europe heat transfer in the Atlantic. p. 243.
- Rokolani, V. E. - Some group invariant solutions of dynamic equations of the atmosphere. p. 262.
- Sukhov, T. Z., Gubanov, I. N. - Mesometeorological solitary waves. p. 271.
- Yashchukov, R. S., Shmeyer, S. M. - Effect of vertical momenta in severe convective-type clouds on the wind field. p. 293.
- Zilitkevich, S. S., Chalikov, D. V. - Determination of universal profiles of the wind and temperature velocity in the surface layer of the atmosphere. p. 294.
- Glazko, V. B., Timonov, Yu. M. - Using the method of regularization for the solution of the problem of thermal sounding of the atmosphere. p. 303.
- Romanova, I. M. - Light field of a deep turbid medium illuminated by a narrow pencil of light. p. 311.
- Kristakov, A. G., Nikanov, V. N., Strezheva, K. M. - Experimental study of the dependence of atmospheric absorption at the 4.1 mm wave length on the height above the sea. p. 321.
- Barisev, I. I., Malachov, S. G. - Fallout by the precipitation in division products of the layer of atmosphere below the clouds. p. 328.
- Fomin, L. M. - Relationship between spectra of the velocity of current and the pressure of the density of water in the ocean. p. 335.
- Ivanov, A. P. - Principles and methods of hydrooptical studies. p. 341.
- Golubinski, N. M., Moskalenko, N. I. - Functions of spectral transmission in bands of H_2O and CO_2 vapor. p. 346.
- Golubinski, B. M., Moskalenko, N. I. - Measurement and calculation of central transmission in bands of NaO in the nearest infrared field. p. 360.
- Kuzikovskii, A. V., Khelevstov, S. S. - Kinetics of the evaporation of a water aerosol in the field of optical radiation. p. 363.
- Sen'ko, E. E., Starikov, B. G. - Evaluation of thorium exhalation. p. 367.

Vol. 4, no. 5, May 1968.

- Table of contents translated:
- Fel'dson, E. M. - Influx of longwave radiation under cloudy conditions. p. 475.
- Konashenkov, V. N., Shved, G. M. - Physical conditions near the mesopause. p. 490.
- Vul'fson, N. I., Levin, L. M. - Possibilities of the stimulation of the development of air-mass cumulus clouds. p. 490.
- Mal'nev, D. T. - Experimental study of the temperature field of the sea surface according to its thermal radiation in the radio-frequency region. p. 508.
- Nilisk, Kh. I. U. - Calculation of the size of fluxes of counter-radiation of the atmosphere averaged over large territories. p. 518.
- Kachurin, L. G., Vorob'ov, B. M. - Features of the vertical radar reflectivity profile of hail clouds depending on crystallization processes. p. 525.
- Sen'ko, E. E. - Diurnal variations of the exhalation of Rn and its concentration in the atmosphere. p. 533.
- Nyshov, V. I. - Annual and semiannual oscillations of some characteristics of the atmospheric layer near the water surface. p. 540.
- Tashenov, B. T. - Spectral studies of light scattering function in the atmosphere in small angle distance from the sun. p. 548.
- Osherovich, A. L., Suslov, A. K. - Content of ozone in Ku'-Sary in the annular eclipse in May 20, 1968. p. 552.
- Arson'lan, T. I. - Statistical properties of the amplitude fluctuations of the ultrashortwave signal for vertically spaced receiving antennas. p. 560.
- Kuznetsov, A. F. - Interrelationship between radioactivity variations and motions in the atmosphere. p. 563.
- Mikhovskii, Yu. I. U. - Scattering of sound by ground inhomogeneities of the ocean bottom. p. 567.
- Sander Mikhailovich Obukhov. p. 574.

Golytsin, G. S. - Information of the joint meeting of the Scientific Council of the Academy of Sciences of the U.S.S.R. on the Problem "Weather Forecasting and Physics of Atmospheric Processes" and the Section of Meteorology and Physics of the Atmosphere of the Interdepartmental Committee of the U.S.S.R. p. 578.

Vol. 4, no. 5, Apr. 1968.

- Table of contents translated:
- Zilitkevich, S. S., Chalikov, D. V. - Calculation of vertical turbulent currents in the surface layer of the atmosphere based on gradient adiabatic values. p. 915.
- Ponomarev, I. N., Koshenkov, A. M. - Cloud systems of fronts in connection with the distribution of vertical movements. p. 930.
- Gikhs, K. M. - Model of turbulence having symmetry about a fixed axis. p. 941.
- Faiyapova, G. P., and others. - Determining the radiative influx of heat in the lower layers of the atmosphere. p. 950.
- Kabakov, M. V., Savelyev, R. A. - Experimental studies of the formation of multiple scattered light with the spreading of narrow collimated beams. p. 960.
- Volkov, Yu. A. - Analysis of the spectra of ocean waves generated by turbulent wind. p. 968.
- Vogel, H. G., Vondra, D. L., Lachinova, R. L. - Response of turbulence in a shallow body of water. p. 988.
- Prachinskii, L. M. - Some characteristics of the air flow in the lower layer of the main atmosphere. p. 994.
- Iyozov, N. I., Mikhovskii, K. P. - Interaction of an aerosol with the underlying surface. p. 1000.
- Kagan, R. A. - Reflection of drift currents and turbulence in the upper layer of the sea in the variation of wind stress. p. 1001.
- Il'inskiy, L. M. - Determination of the wind direction. p. 1004.
- Sergei Fedorovich Rakhimov, obituary. p. 1010.
- Vladimir Borisovich Sitokanov, obituary. p. 1012.
- Dugayev, V. A., Monin, A. S. - First meeting of the United Organizational Committee on the program of the Global Atmospheric Research Project (GARP). p. 1014.

AKADEMIYA NAUK SSSR. Izvestiya. Seriya fiziko-khimiya [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 32, no. 7, July 1968.

- Table of contents translated:
- Spyvak, G. V., and others. - Stochastic electron microscopy. p. 1098.
- Spyvak, G. V., and others. - Use of electron microscopy in the study of electron microscopies. p. 1101.
- Vucanovic, M. M., Vertweir, V. N. - Condensation of the electron microscope with a condenser objective lens. p. 1115.
- Stoyanov, R. A., and others. - Electromagnetic stimulation of the objective of an electron microscope. p. 1118.
- Stoyanov, R. A., Moscov, V. V., Yudinov, V. D. - Objective lens of an electron microscope with large magnification factor. p. 1120.
- Spyvak, G. V., and others. - Development of the theory of forming image contrast of a p-n junction in a scanning electron microscope. p. 1121.
- Dilman, S. A., Kirpichnikova, T. A., Kutsayeva, T. V. - Penetration of electrons into the object and planification of X-ray in electron scanning excitation. p. 1130.
- Serov, N. I., Spyvak, G. V., Dubok, V. G. - Representation of magnetic microscopy in the electron microscope with objective aperture. p. 1134.
- Serov, N. I., and others. - Contrast of electron microscopy in an electron microscope not having objective aperture. p. 1140.
- Sinitsin, P. A. - Effect of construction characteristics of the mechanism of object shifting on the mechanical stability of an electron microscope. p. 1147.
- Is'kucov, A. V., Poltunov, V. V. - Determining the limiting requirements for the stability of the accelerating voltage potential and currents of electron microscope lenses. p. 1157.
- Kozlovskii, L. B. - Simple leak detector for an electron microscope. p. 1161.
- Spyvak, G. V., and others. - Measuring the magnetic microscopy according to their representation in an electron microscope. p. 1164.
- Shutetskii, R. I., Spyvak, G. V., Panin, V. M. - Local parameters of cathode materials. p. 1169.
- Sedov, N. M. - Solution of an inverse problem on the contrast of microscopes in an electron microscope. p. 1175.
- Pechkov, V. I., Sedov, N. M., Spyvak, G. V. - Determining the movement of magnetization in the domain boundary in thin ferromagnetic films. p. 1185.
- Kabakov, A. N., Katarov, A. A., Stoyanov, R. A. - Effect of geometric parameters of a wide electron gun on the magnitude of the suppression potential. p. 1192.
- Alekseev, A. G., Verkhovskaya, T. A. - Use of an electron filter in the electron diffraction for the screening of inelastically scattered electrons. p. 1195.
- Shalmanov, V. V., Spyvak, G. V. - Domain structure of barium titanate films in the rhombohedral phase. p. 1200.
- Labovskii, N. K. - Electron microscopic study of ultrathin cuts on magnetic tapes. p. 1206.
- Spyvak, G. V., and others. - Verification of the theory of the formation of the image contrast of magnetic microscopes in an electron reflecting microscope. p. 1211.

- Dubok, V. G., and others. - Stochastic electron microscopy. p. 1217.
- Hofmann, H. I., and others. - Post hoc analysis of the distribution of electron microscopy. p. 1218.
- Dubok, V. G., and others. - Effect of electron bombardment on the electrical properties of a thin film of polymeric films. p. 1219.
- Pechkov, A. A., and others. - Interaction of electron microscopy with electron microscopy. p. 1222.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Structure and properties of thin films of GDS layers produced by the electron beam. p. 1223.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1224.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1225.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1226.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1227.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1228.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1229.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1230.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1231.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1232.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1233.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1234.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1235.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1236.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1237.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1238.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1239.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1240.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1241.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1242.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1243.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1244.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1245.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1246.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1247.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1248.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1249.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1250.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1251.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1252.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1253.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1254.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1255.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1256.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1257.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1258.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1259.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1260.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1261.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1262.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1263.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1264.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1265.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1266.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1267.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1268.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1269.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1270.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1271.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1272.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1273.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1274.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1275.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1276.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1277.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1278.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1279.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1280.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1281.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1282.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1283.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1284.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1285.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1286.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1287.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1288.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1289.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1290.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1291.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1292.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1293.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1294.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1295.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1296.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1297.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1298.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1299.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1300.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1301.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1302.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1303.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1304.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1305.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1306.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1307.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1308.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1309.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1310.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1311.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1312.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1313.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1314.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1315.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1316.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1317.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1318.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1319.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1320.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1321.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1322.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1323.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1324.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1325.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1326.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1327.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1328.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1329.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1330.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1331.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1332.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1333.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1334.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1335.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1336.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1337.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1338.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1339.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1340.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1341.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1342.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1343.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1344.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1345.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1346.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1347.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1348.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1349.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1350.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1351.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1352.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1353.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1354.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1355.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1356.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1357.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1358.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1359.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1360.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1361.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1362.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1363.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1364.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1365.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1366.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1367.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1368.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1369.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1370.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1371.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1372.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1373.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1374.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1375.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1376.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1377.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1378.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1379.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1380.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1381.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1382.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1383.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1384.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1385.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1386.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1387.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1388.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1389.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1390.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1391.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1392.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron microscopy with electron microscopy. p. 1393.
- Chernomirskaya, V. M., Egorova, I. V., Kutsayeva, T. V. - Interaction of electron

- Strofa, N. N., Otkhovich, N. M. - A boron germanium monochromator for X-radiation. p. 111.
- Bodirskii, A. I. - Linear irreducible representations of a five dimensional homogeneous characteristic Lorentz group. p. 112.
- Pel'yu, A. S., Tomil'shchik, L. M. - The problem of space quantization within the scope of an oscillatory model. p. 117.
- Vysotskii, I. M., Fedorov, A. P. - Attachment for the AI-100 apparatus for recording time-dependent Mössbauer spectra. p. 119.
- ALMA-ATA, KAZAKHISKII NAUCHNO-ISSEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT, Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE, Transactions].** Leningrad, no. 27, 1987.
- Contents: Kelberg, V. P. [Effect of atmospheric and physical conditions on the altitude of radioonde balloons] Vlianiye atmosfery i fizicheskikh usloviy na vysotu podnizhaya radiozondnykh obolochek. 166 p.
- EESTI NSV TEADUSTE AKADEEMIA, Eesti ja Astronoomia Instituut [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Institute of Physics and Astronomy].** Sovremennoye dvizheniye zemnoi kory. Recent Crustal Movements. Tartu, no. 33, 1987.
- EESTI NSV TEADUSTE AKADEEMIA, Toimetused, Füüsika, matemaatika, loomade ja inimeste teadused [Estonian SSR, Fizika, matemaatika [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Bulletin, Physics, Mathematics].** Tallinn, vol. 17, no. 3, 1988.
- LATVIJAS PADOMJU SOCIĀLISTISKAS REPUBLIKAS ZINĀTNU AKADEMIJA, Vestis, Fizikas un tehnisko zinātnu sērija, Izvestija Akademii nauk Latvijas SSR, Seriya fizicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Bulletin, Series in the Physical and Technical Sciences].** Riga, no. 3, 1988.
- LENINGRAD, GIDROMETEOROLOGICHESKII INSTITUT, Trudy [HYDROMETEOROLOGICAL INSTITUTE, Transactions].** No. 4, 1987. Synoptic-statistical forecasting.
- Table of contents translated:
- Shinnikova, Z. G., Ped, D. A. - Analysis of the justification of analogy for cases of the mean monthly temperature of the air. p. 3.
- Voskresenskiy, K. A., Zverev, N. I., Zhilumirskaya, I. M. - Synoptic-statistical method of weather forecasting in the mean. p. 22.
- Ped, D. A., Koshleva, L. I. - Effect of the regions of great changeability of some meteorological elements on the formation of the air temperature of the II, S.S.R. p. 33.
- Drogatsky, D. A. - Forecasting the monthly anomaly of the air. p. 60.
- Ped, D. A., Koshleva, L. I. - Possibility in forecasting the variation of the air temperature during a month. p. 61.
- No. 25, 1987. Problems in hydrometeorology.
- Table of contents translated:
- Kalmykova, V. V. - Agroclimatic regionalization of the Far East with respect to soybean growing. p. 3.
- Chernysheva, L. S. - Root supply for growing rice in the Maritime Territory. p. 14.
- Kalmykova, V. V. - Total root requirement for soybeans under conditions of the Far East. p. 22.
- Chernysheva, L. S. - Effect of the length of exposure to light on the rate of development of Far Eastern rice varieties. p. 28.
- Krasnianskaya, V. P., Khmidaikova, A. I. - Thermal conditions in the period of potato and tomato seedling planting. p. 32.
- Kramar, L. M. - Agroclimatic justification of the planting time of sugar beets in the Far East. p. 39.
- Kramar, L. M. - Agroclimatic justification of sugar beet harvesting. p. 43.
- Nazarova, Z. A. - Characteristics of agroclimatic conditions for potato planting in Kamchatka. p. 47.
- Krasnianskaya, V. P. - Relationships between separate indices of the thermal regime of air under conditions of Sakhalin Province. p. 51.
- Dombrovskaya, F. A. - Some dependences between separate characteristics of the thermal regime of air in the cold period of the year. p. 58.
- Podolubayna, Z. N. - Distribution of precipitation in the upper Amur basin. p. 61.
- Katska, A. P. - Recalculation of precipitation, measured by a rain gauge, on a precipitation gauge under conditions of the upper Amur basin. p. 71.
- Novskaya, A. I. - Characteristics of cold and hot waves in the Maritime Territory. p. 74.
- Novskaya, A. I. - Forecast of the mean monthly air temperature taking into account the atmospheric circulation over the Northern Hemisphere. p. 85.
- LENINGRAD, GLAVNAIA GEOPHIZICHESKAYA OBSERVATORIIA [MAIN GEOPHYSICAL OBSERVATORY] Solar Radiation and Radiation Balance Data. Solnechnaya radiatsiya i radiatsionnyi balans.** Aug.-Dec. 1986, p. 61, 1987; Apr.-May 1987, publ. 1988, Prirozheno [Supplement] no. 1, 1988.
- LIETUVOS FIZIKOS RINKINYS, LIUVOSKII FIZICHE-SKII SBORNIK [LITHUANIAN PHYSICS PAPERS].** Issued by Lietuvos TSR Mokslo akademija and Lietuvos TSR mokslasios mokyklos [Academy of Sciences of the Lithuanian S.S.R. and the Institutions of Higher Learning of the Lithuanian S.S.R.]. Vilnius, vol. 7, nos. 2-3, 1987.
- LIETUVOS TSR AUKSTAJE MOKYKLU MOKSLO DARINIAI: MECHANIKA. Nauchnye trudy vysshsikh uchebnykh zavedenii Lietuvos SSR: Mekhanika [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE LITHUANIAN S.S.R.: MECHANICS].** Vilnius, vol. 3, 1987.
- METEOROLOGIA I GIDROLOGIA [METEOROLOGY AND HYDROLOGY].** Issued by Glavnoye upravleniye gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of the Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 6, June 1988.
- Table of contents translated:
- Ishchak, A. A. - Twenty-fifth anniversary of the State Oceanographic Institute. p. 1.
- Kondratiev, K. I. A. - Properties of planetary winds of the atmosphere and radiation factors of weather and climate. p. 11.
- Petrov, A. A. - Objective analysis of the basis of the approximation of fields by polynomials. p. 21.
- Solov'yev, N. V., Petrenko, V. K., Saizov, S. S. - Organizational regime procedures applicable to problems of long-range weather forecasting and general circulation of the atmosphere. p. 23.
- Isakova, K. K. - Considering circulation in the lower atmosphere in compiling monthly weather forecasts. p. 33.
- Dovgalich, H. A. - Some characteristics of the formation of convective clouds. p. 44.
- Mikhalenko, N. M., Koleskin, M. V. - Characteristics of the tropopause in the equatorial and tropical zones of the Pacific and Atlantic Oceans. p. 48.
- Trofimov, K. I. - Effect of artificial rainfall on the fallouts on the slope of atmospheric clarity. p. 55.
- Kogan, V. N. - Derivation of multiple-factor nonlinear equation for the relationship between yield and weather conditions. p. 61.
- Melnik, H. S., Nikolayev, A. S., Korogozov, A. S. - Total evaporation from fallows adjacent to the Southern Goldensy Steppes Canal. p. 68.
- Kalinin, G. P., Lebedev, A. G., Pridillo, V. S. - Study of corrections in linear models of fields by means of a numerical experiment. p. 75.
- Fridman, S. B. - One method of determining moisture reserves in snow cover in mountains by cosmic rays. p. 81.
- Zinov, I. L., Lobanskaya, M. P. - Separation of the genetically homogeneous floodflow from arctic plain streams. p. 89.
- Klimachenko, P. K. - Some problems of the season-abilities of trunk winds in the Atlantic. p. 93.
- Falko, I. I. - Causes of the stability of ice jams in northern rivers. p. 96.
- Kan, S. I. - Severe winters in the S. of Odessa. p. 98.
- Kamenetskaya, T. N., Shapetov, M. I., Chernaya, V. V. - Frost-resistant endozone ending. p. 101.
- Vodogrekhov, V. I. - Using weight measuring evaporators under conditions of acid deserts and steppes. p. 104.
- Petrov, N. V. - Decisions of the Fourth Session of the Commission of Aerometeorology of the World Meteorological Organization. p. 106.
- Literature on meteorology and hydrology for 1987. p. 112.
- Dachil Borisovich Shchukin 1931-1981. obituary. p. 125.
- No. 7, July 1988.
- Table of contents translated:
- Vager, B. G., Zilinskovich, S. S. - Theoretical model of diurnal variations of meteorological fields. p. 3.
- Ivanovskii, A. I., Smerenkovskii, H. V. - Theory of global waves in a rotating stratified atmosphere. p. 19.
- Milina, L. S. - Fog and low stratus clouds on pictures from the "Kosmos" and "ESSA" satellites. p. 31.
- Bogdan, H. I., Kudimov, A. P. - Reasons of transformations of tropospheric circulation in the Northern Hemisphere during the cold fall year. p. 40.
- Shinova, E. I., Il'yukova, T. I. A. - Application of the method of probability logic to the forecast of frontal precipitation. p. 47.
- Peskov, H. E., Snitkovskii, A. I. - Forecast of strong squalls. p. 52.
- Hatsimov, M. I. A. - Transparency and visibility distance of lights at an inclined direction in a snowfall. p. 58.
- Kozyrenko, I. D. - Effect of large-scale turbulence on the distribution of suspended sediments based on the depth of current. p. 65.
- Mikhailov, V. N. - Methods for the calculation of hydrologic and morphometric characteristics of delta arms. p. 71.
- Chobanov, V. V. - Determining the kinematic structure of an open stream in the case of a right angle turn of a channel. p. 80.
- Vodogrekhov, V. I. - Evaluation of the accuracy of the calculation of calculations of underground water reserves in calculations of water balance in the network of the Administration of Hydrometeorological Service. p. 89.
- Shinnikova, Z. G. - Water consumption of red flower under conditions of the northern zone of the European U.S.S.R. p. 93.
- Shtamov, V. M. - Use of the method of differences for reducing pilot balloon observations to radiosonde pressure values. p. 97.
- Zimovskiy, V. V. - Efficient control simulation for checking students' knowledge of clouds. p. 103.
- Weather forecast and agrometeorological conditions for the second part of the summer of 1988. p. 121.
- No. 8, Aug. 1988.
- Table of contents translated:
- Petrovskiy, M. A. - The Institute of Experimental Meteorology. p. 3.
- Chaitkov, D. V. - Calculation of surface turbulent fluxes from synoptic information. p. 10.
- Rafailova, Kh. Kh. - Objective methods for the selection of analogues by composite-knetic charts of natural synoptic periods using an electronic computer. p. 20.
- Skitarov, V. M. - What regime in a planetary boundary layer of the atmosphere. p. 29.
- Tarasuk, V. K., Priklonko, N. A. - Statistical analysis of the areal distribution of precipitation. p. 34.
- Kobzelskiy, V. I., Nuchnik, V. M. - Errors in the measurement of precipitation based on data of a dense network of precipitation measurements. p. 30.
- Kozik, E. M., Salikhova, D. Kh. - Precision in the determination of pressure on synoptic charts by way of interpolation between isobars. p. 46.
- Popov, E. G. - Ice cloggings and the problem of controlling them. p. 52.
- Makaveev, N. I., Kalinin, A. M. - Displacement of large-cold material in ravines. p. 61.
- Pavlov, D. F. - Characteristics of water and ice movements in a broad rectangular river bed during continuous ice drift. p. 63.
- Popov, B. A. - Secondary refraction of sea waves. p. 78.
- TSigarev, A. N., Sholomov, D. S. - Study of grounds of the bottom of shallows off the mouth of a river using geophysical methods; as revealed by a study made in the Kara River. p. 84.
- Murlyashov, L. A. - Agrometeorological indices of the distribution of citrus plants in Abkhazia. p. 90.
- Nochaj, I. A. - Agrometeorological service and the mobilization of lands. p. 98.
- Kozhushtan, E. A. - Field studies of moisture reserves of soil. p. 100.
- Kulikov, T. M., Galkin, V. I. - Thermal conditions in Leningrad Province and the yield of fruit and berry cultures. p. 101.
- Antrop'skikh, L. M., Protopopov, N. G. - Results of the introduction of the M-63 Anemohydroimeter in a network of meteorological stations. p. 102.
- Kondratiev, K. I. A. - Fifth session of the Advisory Committee of the World Meteorological Organization, held in Geneva, April 22-28, 1988. p. 107.
- Kravchenko, I. V. - Special hydrometeorological phenomena, February-May, 1988. p. 109.
- OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY].** Issued by Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 24, no. 4, Apr. 1988.
- Table of contents translated:
- Sugakov, V. I. - Local states and the delay effects. p. 477.
- Semenov, R. I., Strugach, H. A. - Determining the coupling factors of the configurations $n\pi\pi$ and $\pi\pi\pi$ from the experimental data. p. 487.
- Andreev, N. S. - On the theory of polarization capacity of molecules. p. 498.
- Kiselevskii, L. I., Shimanovich, V. D. - Experimental determination of the matrix element of the electron transition dipole moment in the first negative band system of the N_2 molecule with the use of an arc core in the axial vortex airflow. p. 508.
- Averbukh, B. S., Matulis, L. S. - Allowing for the asymmetry in the computation of intensities in the vibrational molecular spectra. infrared spectra. p. 513.
- Alov, M. R., Aleksanian, V. T. - Calculating the vibrational-rotational energy of molecules. Part I: Method of contact transformations and its application to a diatomic molecule. p. 520.
- Ippolitov, I. I., Makushkin, H. S. - Computation of intensities of vibrational-rotational transitions for nonlinear molecules of the XV_2 type. p. 530.
- Stegurel, L., Ignat'eva, L. A. - Correlation between the vibrational band shifts and the acidity of hydroxyl-containing substances in the case of their interaction with some organic compounds. p. 535.
- Istaita, M. P., Raiko, N. E. - Absorption spectra of some monohalobenzenes in the region of stretching vibrations of C - C bonds. p. 540.
- Vakhilova, V. I., Knaiz, S. M., Svordlov, L. M. - Theoretical and experimental study of the absolute intensities and depolarizations of lines in the

- Raman scattering spectra of polyatomic molecules. Part 6: Acetone and acetone-d₆. p. 547.
- Zakharuk, I. U. E., Bakshiev, N. G. - Temperature dependence of the absorption and dispersion of some organic liquids in the region of strong infrared absorption bands. p. 552.
- Shabalina, L. I., Kitchuk, M. A., Kiva, E. A. - Hydrogen bond in cumene hydroperoxide solutions. p. 550.
- Kristofel', E. N. - Absorption spectra of impurity centers with near levels "mixed" by vibrations. p. 563.
- Oncpko, D. E. - Splitting of the terms Nd³⁺ and Co³⁺ in LaF₃ crystals. p. 573.
- Gil'manov, F. Z., Stolin, A. L., Lakotova, Zh. S. - Studying the relaxation processes in the system CaF₂:Gd³⁺. p. 576.
- Belas, B. M. - Ionic mechanism of the thermal quenching of the silver chloride luminescence. Part 1: Thermal quenching of radiation and the determination of the relation of the capture cross section to the electron recombination cross section on the basis of experiments with the thermal quenching of luminescence. p. 568.
- Torilskii, D. N. - Afterglow lifetime of aqueous solutions of europium and terbium salts. p. 596.
- Udina, V. L. - Optoelectronic receiver of microwaves and its use for quantitative gas analysis. p. 602.
- Dobryshchova, V. K., Nabokin, I. U. V. - Studying the fluorescence spectra of mixed organic single crystals at 20° K. p. 608.
- L'vova, A. S., and others. - Studying the 100 cm⁻¹ absorption band of m-azoxyphenol in the solid, liquid-crystalline, and liquid states. p. 613.
- Kukunov, A. B. - Theory of the Vavilov-Cherenkov radiation by a magnetic monopole. p. 614.
- Razmadze, N. A., and others. - Production of inverse population in double-ionized oxygen by optical pumping of ionized helium with resonance radiation. p. 616.
- Shakherdov, T. A., Shabalina, A. V. - Triple-irrigated absorption of photochromatic spiropyran. p. 619.
- Bersing, F. O., and others. - Duration of the single pulse in a spherical laser resonator with a passive shutter. p. 621.
- Lebedev, O. I., Griaznov, I. U. M., Chaslov, A. A. - Nonlinear transmission of light from a ruby laser by chlorophyll solutions. p. 622.
- Shlapachnikov, V. A., Lukin, V. I., Dubov, S. S. - Vibrational spectrum of methyl difluoroamine. p. 624.
- Il'in, G. G., Prokisevich, V. I., Fishman, I. S. - Effect of a plasma inhomogeneity on the shape and contour parameters of spectral lines. p. 621.
- Kirichashvili, Sh. D., Kovaleva, A. I., Rukhadze, V. A. - Circular holography of three-dimensional objects. p. 627.
- Kadzhaz, Ch. O., Abilazov, A. A., Imanov, L. M. - Microwave spectrum and structure of an ethylmercaptan molecule. p. 629.
- Gisin, B. V., Sklarov, O. K. - Studying the four-electrode Kerr cell. p. 631.
- Zubov, V. A., Kuz'mina, N. P., Sushchinskii, M. M. - Relation of the spectra of spontaneous and induced Raman scattering of light. p. 634.
- Arkhangelskii, V. A., Shraiber, V. M. - On the f- \bar{f} -absorption spectra of Ti²⁺, Ho²⁺, Nd²⁺ ions in CaF₂. p. 635.
- Valtashko, E. G., Rashkovich, L. N., Timoshenkov, V. A. - Absorption spectra of excited LiNbO₃ single crystals. p. 637.
- Kharlamov, I. U. A., Katzeva, N. A., Gova, L. V. - Normal modes of the thiosulfate S₂O₃²⁻ ion. p. 639.
- Terekhov, A. A., Prilutov, M. V. - Calculating the intensity distribution in electron-oscillatory band of the $\lambda_{\text{Ag}}^{10}\text{D}_{2g}$ transition of benzene. p. 641.
- Vakhitova, V. I., Kats, S. M., Sverdllov, L. M. - Theoretical and experimental study of absolute intensities and depolarization of lines in the Raman scattering spectra of polyatomic molecules. Part 6: Acetaldehyde and acetaldehyde-d₄. p. 643.
- Khadzhi, P. I. - Photoassociation of excitons. The continuum model. p. 646.
- Filippov, O. K., Ukhov, F. V. - Emission of a xenon plasma of high-pressure lamps in the far infrared region of the spectrum. p. 648.
- Vistin, I. K., Kapustin, A. P. - Electrooptical effect in liquid crystals. p. 650.
- Shiginskii, A. G., Khlopina, T. N. - Determining the gas temperature of a discharge by the lines with superline structure. p. 652.
- Vladimir Konstantinovich Prokof'ev on his 70th birthday. p. 655.
- REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 8, Aug. 1968.
- REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 8, Aug. 1968.
- REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 8, Aug. 1968.
- RUSIA 0923- (U.S.S.R. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh urchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]. Moscow, vol. 11, no. 6, 1968.
- Table of contents translated:
- Bugdanov, A. A., and others. - Studying the cross section of radio wave scattering by the moon using models in the optical range. p. 601.
- Fedacev, L. I., Lubitski, L. V., Kokin, L. M. - Radio emission of the moon in the millimeter and submillimeter ranges. p. 607.
- Khruter, V. V. - Measuring the linear polarization of background cosmic radiation. p. 614.
- Tsel'us, V. B. - On the accuracy of radio astronomy methods for measuring antenna parameters. p. 622.
- Fakushola, S. S. - On steady-state oscillations in a stream-plasma system. p. 634.
- Doln, L. S. - Equations describing the correlation functions of a bundle of waves in a randomly inhomogeneous medium. p. 640.
- Malakhov, A. N. - Natural fluctuations in a quartz oscillator. p. 650.
- Shitov, V. I. - Theory of wave propagation in random media. p. 666.
- Zh'dko, H. M. - Backscattering cross sections for dielectrics inhomogeneous along the radius and angular coordinate. p. 676.
- Kondrat'ev, I. G., Miller, M. A. - Reflective characteristics of inhomogeneous plasma layers. p. 685.
- Ostrovskii, L. A. - Electromagnetic shock waves in nonlinear active lines. p. 690.
- Bogatyrev, I. U. K., Ostrovskii, L. A., Papko, V. V. - Studying shock waves in nonlinear active lines. p. 697.
- Ufimtsev, P. A. - Diffraction of electromagnetic waves on black bodies and semitransparent plates. p. 692.
- Korotki, L. I. - On the instability of oscillations in a radial electron stream of variable velocity and the feasibility of their amplification. p. 692.
- Galt'ov, O. V., Zhukovskii, V. Ch. - Amplification of electromagnetic waves in a system of electrons with anisotropic pulse distribution. p. 694.
- Mergel'man, O. S. - Radiation of charged particles in waveguides with a gyrotropic filling. p. 693.
- Legatovich, A. M., Popova, M. N., Shteleev, M. A. - Development of the field of generation of giant pulses by a ruby laser with saturating mirror in a spherical resonator. p. 695.
- Zagladskii, L. I., Ostrovskii, L. A. - Observation of self-action of modulated waves in nonlinear lines. p. 698.
- Smirnov, F. V. - Radiofrequency characteristics of a plasma layer. p. 650.
- TIFLIS. ZAKAVKAZSKII NAUCHNO-ISSLEDOVATELSKII GEOMETEOROLOGICHESKII INSTITUT, TIFLIS (TRANSCASPIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE, Tiflis). Leningrad, no. 23 (20), 1967.
- Contents: Tsulskhirtz, I. A. [Radiation and thermal regimes of Georgia] [Rashitsionnyi i termicheskiy rezhimy territorii Gruzii]. 161 p.
- UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICS JOURNAL]. Issued by Vidni Itzkyi Akademii nauk URSR [Department of Physics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 13, no. 4, Apr. 1968.
- Table of contents translated:
- Stopaniuk, M. M. - Studying some properties of the gravitational field with a metric for a particular case of its axial symmetry. p. 529.
- Vaidanich, V. I., and others. - Luminescence properties of barium iodide crystals. p. 538.
- Kontsorych, S. P., Momotil, I. U. O., Mil'ner, A. S. - Magnetostriiction of a system of mixed polycrystalline ferroplasma Co₂-Fe₂g. p. 543.
- Strzhemchuk, M. A., and others. - Efficiency of a pulsed disperso detector. p. 547.
- Kovpak, M. E., Baranov, L. M., Zolitsa, P. M. - Linear proton accelerator with 2.6 Mev. on H₂ wave. p. 553.
- Horodets'kyi, D. O., Ias'ko, A. O. - Structure of lithium-oxygen double films on face (110) of tungsten. p. 557.
- Holyk, O. Z., Zahashka, I. U. F., Fridman, A. I. - Creep of unoriented crystalline polymers. p. 567.
- Levits'kyi, S. M., Shushurin, I. P. - Studying the microwave oscillations induced by the interaction of an electron beam with a plasma. p. 571.
- Pilat, I. M., Pankratova, Zh. K. - Investigation of the piezothermo-elastic properties of semiconductors. p. 579.
- Hehuzin, I. A. O., Oveharuk, N. M., Eshvar, I. A. - Effect of an electric field on the behavior of gas inelastic levities in alkali-halide single crystals. p. 581.
- Sytenko, O. I., Kharchenko, V. F., Shadchyn, S. O. - Bound state of two or three nucleons in the nuclear matter. p. 589.
- Koloty, V. V., and others. - Studying the microwave scattering by erbium isotopes. p. 590.
- Vorobey, V. P. - Determination of the total magnetic cross sections of thermal and epithermal neutrons by some rare-earth elements. p. 595.
- Holtsyn, O. I. - Quantitative characterization of "electrical effects" in paramagnetic systems. p. 610.
- Sachenko, A. V. - Determining the velocity of nuclear recombination by the photomagnetic effect. p. 617.
- Dmytruk, M. I. - Distribution of minority carriers in the surface layer of a square charge in a p-n junction. p. 622.
- Kladkevych, M. D., Kremenchuk's'kyi, I. F., Khar'kov, A. P. - Method of single-frequency measurement of the pyroelectric coefficient and dielectric constant of ferroelectric substances. p. 630.
- Urachov, V. H. - Role of exchange interaction in spin-lattice relaxation of impurity nuclei. p. 634.
- Dredyn, M. S., Vyrykhov's'kyi, M. I., Kyrylo, O. V. - Luminescence of mixed single crystals Zn_{1-x}Co_xSi₂. p. 639.
- Il'yushchik, M. D., Korobko, H. V. - Shape of the band of absorption in electron paramagnetic resonance of weak electric fields. p. 643.
- Pinak, A. I., Shevelonko, V. I. - Excitation of the magnetic oscillations in a magnon line by a modulated beam. p. 649.
- Cherkasov, A. M., Klenin, S. I., Kizner, H. D. - Determining the diffusion coefficients of gaseous components in their mixtures. p. 656.
- Korkina, M. P. - Solution of Bessel equations in Gaussian coordinates. p. 661.
- Klochov, V. P., Kozmko, V. M., Sakhov, A. V. - Perfect single crystal silicon film on a substrate. p. 665.
- Chalove's'kyi, H. V. - Statistical properties of the fluxes produced by a regular motion and a system of random oscillators. p. 671.
- Vorobey, V. P., and others. - Interactions between the levels of some hydrogen, helium, and neon in the region of ultraviolet light. p. 677.
- Taylor, V. S., Dondo, A. L. - Partial pressure of residual gases in various methods of pumping. p. 682.
- Abyulchuk, O. I., and others. - Statistical properties of the fluxes of the charge carriers. p. 684.
- Volkachev's'kyi, O. V., Drab'kova, V. P. - The spectrum of small oscillations of a nonlinear system with components of the A₁, B₁, and C₁ type. p. 687.
- Konashchuk, V. M., Fokhova, H. A. - The effect of a π -heterojunction on the base of a p-n junction. p. 688.
- Zimul's'kyi, O. Z., and others. - Investigation of the electric transfer and scattering of small particles in impurity atoms in the system Cl-19. p. 692.
- Neruchov, I. U. A., Zolov, V. V., Oxyshchuk's'kyi, M. F. - Measuring the velocity of small particles in a medium along the saturation line. p. 692.
- Khodkevych, V. H., Feltko, I. I., Serbich, I. P. - Use of the nuclear magnetic resonance method in studying the superconductivity of the Mg₂Si₂ with two overlapping energy levels. p. 694.
- Dutichuk, I. A. and others. - Thermal conductivity of liquid alloys of the tin-zinc system. p. 696.
- Zelova's'ka, A. A., Rost, L. S. - Emergence of a secondary vortex on the free surface of liquid helium. p. 697.
- Pyamko, Zh. I., Holovach, L. A. - Level diagram of a compound nuclei excited by slow neutrons. p. 700.
- USPEKHI FIZICHESKIIH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiya Nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 95, no. 3, July 1968.
- Table of contents translated:
- Okun', L. B. - Violation of CP-invariance. p. 409.
- Robbin, C. - Violation of CP-invariance in K⁰ and K⁺ decays. p. 410.
- Wolfenstein, L. - Phenomenology of CP violation. p. 420.
- Aubert, B. - Three-particle decays of K-mesons. p. 437.
- Anisovich, V. V. - Nonconservation of CP-parity in K⁰ and K⁺ decays. p. 463.
- Arbuzov, B. A. - Model of CP-invariance violation. p. 460.
- Miller, P. - Search for an electric dipole moment of the neutron. p. 470.
- Gurevich, I. I., Nikol'skii, B. A. - Experimental data on the $\mu \rightarrow e$ decay. p. 476.
- Fainberg, V. I. A. - Theoretical foundation of the CPT-theorem. p. 479.

Sil'vskii, S. M., Lapilus, I. I., Ryndin, R. M. - Polarization tests for the verification of T-invariance and CPT-invariance in nucleon-nucleon and nucleon-antinucleon scattering. p. 480.
 Gafarova, N. D. - Regeneration amplitudes $\{2\} - \{2\}$. p. 501.
 Okonev, I. O. - Mass difference of K_L^0 and K_S^0 mesons. p. 505.
 Nikitov, N. K. - Verification of the exponential decay law. p. 509.
 Artyukhin, V. V. - Experimental data on $K \rightarrow 3$ decays. p. 509.
 Shabalin, E. P. - Probabilities of weak processes with baryon currents. p. 511.
 Tsukerman, I. S. - Verification of the axial interaction in K_L^0 decays. Verification of the vector interaction in K_S^0 decays. p. 512.

Filippov, A. T. - Weak radiation decays. p. 513.
 Terent'ev, M. V. - Experimental data concerning the verification of the $\Delta S = \Delta Q$ law. p. 515.
 Portecorvo, B. - Conservation of leptons and baryons, and the neutrino mass. p. 517.
 Lebedev, V. M. - Experimental data concerning the conservation of U-parity in nuclear forces. Effect of effects in complex nuclei. p. 519.
 Kravtsov, N. G. - Verification of the V-A variant in the nuclear β -decay. p. 521.
 Ustovskii, K. N. - Resonance interaction between short flight pulses and the substance. p. 547.

Vol. 35, no. 4, Aug. 1961.

Table of contents translated:
 Zylmanov, P. S., Guseva, G. I. - Quantum theory of ferromagnetic phenomena in metals and semiconductors. p. 555.
 Pichuk, I. S., Il'inski, A. I. - Mechanical properties of metal films. p. 513.
 Shapira, I. B. - Nuclear forces with nonconservation of parity. p. 547.
 Lagulin, I. I. - Consequences of the CPT-invariance and the experiment. p. 557.
 Lapin, C. - Search for C-noninvariance in the η -meson decay. p. 560.
 Il'inski, K. N. - Demonstrations with a magnetized gyroscope. p. 701.
 Golov, N. M., Kozlova, A. M. - Demonstration of a lecture (Mikrotron interferometer, operating on 3-cm electromagnetic waves). p. 702.
 M. I. - New experimental data on the interplanetary field and magnetosphere. p. 711.
 Hegerberg, N. N., and others. - Sergei Vladimirovich Tsiolkovskii: bibliography. p. 717.
 Vredin-Khmel'skaya, T. O. - New books on physics. p. 723.

VOPROSY DINAMIKI I PROCHNOSTI [PROBLEMS OF DYNAMICS AND STRENGTH]. Issued by Institut avtomatizirovannoi mekhaniki Akademii nauk Latvskoi SSR [Institute of Automatic Control and Mechanics of the Academy of Sciences of the Latvian S. S. R.]. Riga, no. 13, 1960.

14. MEDICINE

a. GENERAL.

AKADEMIJA MEDITSINSKIIH NAUK SSSR, Moscow. Veshchik [ACADEMY OF MEDICAL SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 23, no. 5, 1960.

Table of contents translated:
 Babitskii, E. B., Gollner, E. S. - Use of computation techniques in physiological research. p. 3.
 Tsel'baum, I. M. - Electric analogs of the cardiovascular system as a method to determine new dynamic criteria. p. 13.
 Kopylov, B. I., and others. - Study of the mechanism of the origin of ventricular fibrillation in myocardial infarct by means of mathematical modeling on hybrid computers. p. 19.
 Rykante, B. I., Khatutin, B. M. - Some problems of the analysis and processing of algorithms (on electronic computers) of summary electric signals in the nervous system. p. 28.
 Barolov, O. V., Rynchov, L. A. - Some epidemiological experiments conducted on electronic computers. p. 32.
 Elvachov, L. A. - Modeling the relationship between epidemic and infectious processes. p. 34.
 Shneps-Shnoppo, M. A. - Mathematical model of rhythm formation in the sinus node of the heart. p. 37.
 Saitov, I. P., Shneps-Shnoppo, M. A. - Mathematical modeling of a cardiosensitizing with biological control. p. 40.
 Bydlovskii, M. I. - Solution of diagnostic problems by means of electronic computers. p. 41.
 Kuntin, P. E., and others. - Identification of images and differential diagnosis. p. 52.
 Polonova, T. B. - Preparation of data on cardiovascular diseases for processing on electronic computers. p. 59.

Kornevskaya, T. B., Savchenko, L. A. - Experience in programming the universal electronic computer to establish electrocardiographic diagnosis of myocardial infarction. p. 60.
 Molodtsova, N. I., Usov, V. V. - Diagnostic calculations and preparation of medical information in the diagnosis of some vascular diseases of the brain. p. 62.
 Astashev, I. U. K., Kuteranov, E. M., Sernin, M. I. U. - Modernization of the "Ural-2" electronic digital computer for the processing of medical information. p. 67.
 Grudov, O. M., Bol'dyrev, G. M., Arnaudov, A. L. - Use of correlative and spectral analysis for the evaluation of the changes in EEG in focal lesions of the brain. p. 71.
 Rlykov, S. M., Krasitskii, G. R. - Automatic analysis of cerebral colls. p. 84.
 Lashov, V. B., and others. - Use of specialized analog computers for the calculation of dosage fields in radiotherapy of malignant tumors. p. 86.
 Ignatiev, U. V. - Selection of optimal dosage fields in irradiation. p. 91.

DUSHANNU: GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [STATE MEDICAL INSTITUTE. Transactions]. Vol. 73, 1965.

Table of contents translated:
 Khasanova, K. A. - Blood and hemopoiesis in tumors of the tongue and administration. p. 4.
 Khasanova, K. A., Roshina, M. V. - Qualitative changes in the erythrocytes in tumors. p. 14.
 Khasanova, K. A. - Changes in the bone marrow in practically healthy miners and those with pneumoconiosis. p. 19.
 Khasanova, K. A., and others. - Some indices of the blood coagulation system in pneumoconiosis. p. 29.
 Berentson, E. P. - Functional state of the respiratory apparatus in practically healthy miners and in those with pneumoconiosis. p. 34.
 Sakaonova, K. M., Ezhov, G. E., Kolontadze, R. V. - Electrocardiographic changes in pneumoconiosis. p. 43.
 Plesnova, A. A. - Functional state of the liver in pneumoconiosis. p. 53.
 Bobokhodzhayev, I. A. - Minor metabolism in pneumoconiosis. p. 59.
 Qul'tov, V. A. - Changes in the function of the adrenal cortex in pneumoconiosis. p. 65.
 Bobokhodzhayev, I. A., Qul'tov, V. A., Kolontadze, R. V. - Therapeutic problems in pneumoconiosis. p. 70.
 Dorontsova, E. P. - Edema in pneumoconiosis. p. 80.
 Tadzhik, M. M. - Calculation of radiation doses absorbed by the lungs during inhalation of air enriched with radon and its daughter products. p. 85.
 Il'vaginova, V. D. - Degree of cloudiness and the bacterial flora of vaginal contents in textile workers. p. 100.
 Il'vaginova, V. D. - Some pathomorphological data on the state of the vaginal mucous membrane under effect of cotton dust. p. 104.
 (DNLM)

IZ ISTORII MEDITSINY [FROM THE HISTORY OF MEDICINE]. Issued by Institut eksperimental'noi i klinicheskoi meditsiny Akademii nauk Latvskoi SSR [Institute of Experimental and Clinical Medicine of the Academy of Sciences of the Latvian S. S. R.]. Riga, vol. 7, 1967.

KLINICHESKAJA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 46, no. 5, May 1968.
 (DNLM)

MEDITSINSKAJA RADIOLOGIJA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 13, no. 7, July 1968.

Table of contents translated:
 Golashvili, K. D. - Estrogen excretion in female roentgenologists and X-ray technicians. p. 3.
 Livorgant, I. U. E., Sushina, N. G. - Use of lyrostatic preparations for reducing the radioresistance of toxic goiter in treatment with ^{131}I . p. 9.
 Mukomova, K. N., Klyzhuk, K. N. - Action of bone marrow transfusion depending on the genetic affinity of the donor to the recipient. p. 11.
 Bondarenko, L. N., Ilin, L. A. - Liver function disorder according to data of a radiolotope study in children and adolescents with pulmonary tuberculosis. p. 15.
 Evstigneeva, T. P., Frolova, A. V., Fadeeva, M. A. - Influence of dimensions of the chest on the rate of the local dose in rotation gamma and X-ray therapy. p. 21.
 Malenchev, I. P., and others. - Evaluation of the probability of the malignant nature of mammary gland tumors based on radiometry with ^{252}Cf . p. 24.
 Krasitskii, M. B. - Experience in X-ray therapy of

inflammatory diseases. p. 30.
 Zarkovich, N. F., Balkina, Z. P., Pivnitsk, V. I. - Radiometric assessment of the liver function in experimental application of cyclophosphamide. p. 33.
 Simavonian, V. G., Dzhlidze, E. K. - Radiological changes in the skeleton of baboons Papio hamadryas in prolonged irradiation. p. 36.
 Strel'tsova, V. N., Polubolarova, Z. I. - Changes in the kidneys and endocrine glands in animals affected with ^{90}Sr and treated with hormones. p. 40.
 Zhukov, B. G., Kaushanskii, O. A., Averkhev, V. P. - Soviet apparatus for radiation studies in biology and medicine. p. 47.
 Maskaler, U. I. - Symposium "Late sequelae in lesions caused by osteotropic radionuclides. p. 59.
 Soviet literature on medical radiology in 1966. p. 77.

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdorovokhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow.
 Razdel [Section] 2, vol. 12, no. 9, Sep. 1958.
 Razdel [Section] 9, vol. 12, no. 9, Sep. 1968.
 Razdel [Section] 12, vol. 12, no. 9, Sep. 1968.
 Razdel [Section] 13, vol. 12, no. 9, Sep. 1968.

MOSCOW, TSENTRAL'NYI INSTITUT USOVERSHENSTVOVANIYA VRACHEI. Trudy [CENTRAL INSTITUTE FOR POSTGRADUATE TRAINING OF PHYSICIANS Transactions]. Vol. 92, 1961. Problems of neurotraumatism and neurooncology.

Table of contents translated:
 In memory of Andrei Andreevich Mond. p. 1.
 Aronov, A. A., Lezhnev, N. D. - Clinical aspects and treatment of severe craniocerebral trauma accompanied by hemorrhages into the cerebral ventricle. p. 7.
 Tunkov, V. A. - Classification of craniocerebral trauma. p. 12.
 Eshkov, A. A., and others. - Some problems of clinical aspects, pathogenesis, and treatment of an acute severe craniocerebral trauma and use of medium gravity. p. 22.
 Tunkov, V. A. - Induces to surgical intervention in a continuous type traumatic disease of the brain. p. 32.
 Vial'tov, V. V. - Autotransplantation with lymphatized cranial bone. p. 42.
 Arislan, A. A. - Improved cranial fractures in children. p. 43.
 Arislan, A. A. - Prevention of disability in cranial trauma. p. 54.
 Shumina, A. A., Tunkov, V. A. - Clinical aspects of astrocytomas of the spinal cord. p. 62.
 Oglenov, K. L. - Different forms of intracranial tumors of the posterior cranial fossa in the foramen of the cerebellar tent. p. 79.
 Kuznetsov, V. A. - Results of tracheostomy in respiratory disorders in patients with brain lesions. p. 91.
 Kozlov, V. A. - Disorders in the central regulation of respiration in supratentorial tumors of the brain. p. 111.
 Kozlov, V. A. - Change in cerebral gas metabolism in tumorous lesions. p. 130.
 Nikol'skaya, N. P. - Changes in the breathing in children following removal of tumors of the posterior cranial fossa. p. 136.
 Kozlov, V. A. - Use of phase oxymetry with a brief breathing apnea during ventilation in neurosurgical clinical practice. p. 147.
 Kozlov, V. A. - Pulmonary edema in lesions of the brain. p. 154.
 Arislan, A. A. - Late results of the clipping of the infratentorial cerebral artery in cases of partial removal of tumors of the cerebellum and the fourth ventricle. p. 161.
 Arislan, A. A. - Surgical treatment of bilateral neurinomas of the eighth nerve in Recklinghausen's disease. p. 167.
 Arislan, A. A. - Hyperkinesia in tumors of the posterior cranial fossa. p. 173.
 Oglenov, K. L. - Astrocytoma of the superior vermis cerebelli in children. p. 179.
 Arislan, A. A. - Strabismic method in neurosurgical anatomy. p. 187.
 Sokolova, O. N., Gurekov, V. V. - Some characteristics of primary corpora quadrigemina syndrome: clinical and morphological comparisons. p. 193.
 Gurelysheva, M. V., Tunkov, V. A. - Analysis of the results of surgery in astrocytomas and oligodendrogliomas of supratentorial localization. p. 207.
 Kozlov, V. A. - Pneumonia in lesions of the brain. p. 212.
 Veenine, V. A. - Work ability of and job placement for patients following surgery on parasagittal and convex meningiomas. p. 223.
 Tunkov, V. A. - Algesic membrane syndrome in supratentorial neuroectodermal tumors. p. 230.
 Muksaliev, I. S. - Clinical aspects and diagnosis of teratomas and dermoids of the chiasmatic area. p. 235.
 Smirnova, L. V., Tunkov, V. A. - Effect of intracranial hyperpression on the epileptic syndrome in tumors of the brain. p. 240.
 Oglenov, K. L. - Surgical anatomy of cerebellar tumors in the posterior cranial fossa, and the substantiation of indices for a supratentorial surgical approach. p. 247.
 Oglenov, K. L. - Decompression of the visual canal in gliomas of the visual nerve. p. 257.
 Sayeva, L. A. - Anatomical substantiation of lesions

- of the trophic function of organs in tumors and mechanisms of the spiral cord. p. 263.
- Arutunyan, L. A., Putsila, M. V. - Function of the embryonic nuclei: experimental study. p. 274.
- Gidzev, K. A. - Supratentorial surgical approach to the posterior cranial fossa: experimental study. p. 279.
- Zhukchenko, L. D., Kozlov, V. N. - Some problems of the pathogenesis of suppurative metaplasia of the brain. p. 286.
- IDNLS)
- PROBLEMY TUBERKULEZA (PROBLEMS OF TUBERCULOSIS).** Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 46, no. 3, 1968.
- Table of contents translated:
- Al', G. E., Ivanchenko, M. K., Levunova, E. V. - Tuberculosis infection rate and its dynamics in Leningrad. p. 1.
- Borukh, I. Z., Il'iazov, A. M., Sheler, L. B. - Contingents of patients with far advanced forms of tuberculosis and ways of reducing their number. p. 7.
- Pokhilenova, M. P., Firsova, V. A., Uvarova, O. A. - Clinical aspects and treatment of rounded tuberculous test in children. p. 12.
- Rachitskiy, S. V., Dobrovolskaya, H. A. - Course and outcome of primary pulmonary tuberculosis in young children in connection with the nature of bronchial lesions. p. 19.
- Nigmatov, K. I., Papirish, S. D. - Some criteria of the activity of tuberculosis in children during primary tuberculosis. p. 23.
- Landa, Z. V., Pekurovskiy, Svarter, I. V. - Tomographic examination of the calcified pulmonary tuberculosis children using the transverse spread method. p. 28.
- Smuravina, T. F. - Glycocorticoid function of the adrenal glands in patients with pulmonary tuberculosis and diabetes mellitus. p. 32.
- Semichova, N. M. - Hydrocephalus in patients with tuberculosis. p. 36.
- Razinov, Kh. A. - Tuberculin in chemotherapy of patients with tuberculosis of peripheral lymph nodes. p. 43.
- Ishvinkov, V. I. - Specific antigens in organs and tissues following experimental BCG vaccination. p. 51.
- Belitskaya, O. I., Shlapak, P. T., Korzh, D. A. - Pathogenicity of resistant and atypical Mycobacterium for rabbits and chicks. p. 50.
- Nikolovskiy, R. M. - Antagonistic properties of Actinomyces isolated in patients with fibrocavernous pulmonary tuberculosis. p. 61.
- Asluchenko, T. N., Nemadzo, M. M., Kamevskaya, S. S. - Study of drug resistance in Mycobacterium tuberculosis: a review of Soviet literature. p. 66.
- Klimentko, A. G. - Clinical significance of drug resistance in Mycobacterium tuberculosis in practical control of tuberculosis: a review of WHO materials and foreign literature. p. 72.
- Shesferina, M. V. - Foreign body in the bronchus. p. 78.
- Shebanov, F. V., and others. - Materials of the 19th International Conference on Tuberculosis. p. 83.
- Sotolova, V. A., Molokanov, K. P. - Materials of a symposium on the problems of prevention and treatment of silicosis and silicotuberculosis. p. 89.
- M. A. Linnikova; on her 80th birthday. p. 92.
- (IDNLS)
- SOVETSKAYA MEDITSINA (SOVIET MEDICINE).** Organ of Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 31, no. 4, Apr. 1968.
- Table of contents translated:
- Darbitan, T. M. - Neurotoxicology and hemodynamics. p. 3.
- Gilberg, A. A., Kuznetsova, V. A. - Normalizing arterial embolisms. p. 7.
- Rozonshtraukh, L. S., Doglarova, I. A. - State of lymph vessels of the lower extremities in some venous diseases; based on lymphographic data. p. 11.
- Vasilev, V. I. A. - Changes in the arterial system in diseases of the veins of the lower extremities. p. 14.
- Kargin, V. D., Klimova, K. N., Danasov, I. S. - Experience in the use of pyrogen in the treatment of vascular diseases of the lower extremities. p. 18.
- Akulov, G. F. - Health resort factors in the treatment of surgical patients. p. 23.
- Kropachov, V. A. - Effect of diuretics on gas exchange in patients with pneumocardial and cardiac insufficiency. p. 27.
- Bal'man, Kh. L. - Etiology of amyotrophic lateral sclerosis. p. 33.
- Stollanova, L. S. - Functional state of the blood coagulation system in juvenile hemorrhages. p. 37.
- Eshelov, I. M., Marcyonov, N. V. - Solution of urate calculi. p. 42.
- Smolonek, V. S. - Urgent problems of practical cardiology. p. 46.
- Shvarts, L. S., Gofman, L. I. - Compound treatment of myocardial infarcts. p. 51.
- Velikanov, I. I., Kushkov, I. I. - Functional state of the adrenal cortex in the early period of cerebral atherosclerosis and its change under health resort treatment at Kislovodsk. p. 53.
- Isakova, O. I., Kozhikovskaya, N. P. - Diagnosis of mitral stenosis in relation with its surgical treatment. p. 58.
- Gorokhov, S. Z., Podzarekaya, E. E., Smirnova, L. A. - State of the coagulation and anticoagulation systems of the blood in patients with elephantiasis of the extremities. p. 63.
- Murzon, A. K., Komarova, T. M. - Use of progesterone in the treatment of disorders of water-salt metabolism in cardiac insufficiency. p. 68.
- Chadov, G. V., Khodorova, R. P. - Rheumatoid factor in the synovial fluid of children with infectious non-specific polyarthritis. p. 73.
- Mazurina, A. V. - Corticotherapy of Werthof's disease in children. p. 76.
- Anichkov, M. N., and others. - Resection of the stomach on the background of myocardial infarct. p. 82.
- Shpak, V. M., Vinogradova, R. N. - Levopromazine treatment of sleep disorders. p. 85.
- Dostinikov, V. F. - Regularities of the course of schizophrenia complicated by atherosclerosis, and the characteristics of treatment. p. 89.
- Chernitsova, T. A., and others. - Treatment of hematologic patients with the hypophysial preparation ery-pulotin. p. 96.
- Moksova, R. A., Zharavayev, V. S., Rybakova, M. E. - Results of using thiodipin in chronic lymphoid leukosis. p. 98.
- Gisova, E. M., Buganova, M. I. - Lesions of the bronchi in children in a chronic course of primary tuberculosis. p. 102.
- Panova, I. M., Zaals, T. L. - Significance of the determination of sulfhydryl groups in the blood serum in burn disease. p. 109.
- Andriashina, G. K. - Experience in the treatment of phlegmonous and pustular acne. p. 112.
- Kukos, V. G. - Some problems of magnesium metabolism in the body. p. 116.
- Solun, M. N., Logak, D. S. - Recurrent forms of myocardial infarct in a 91-year-old female patient. p. 121.
- Sukovatykh, T. M. - Side effects of monomycin in its use in children. p. 122.
- Mensikov, N. M., and others. - State of acid-base balance in surgery on the human locomotor apparatus. p. 124.
- Saripkin, I. U. K., Vinogradov, I. N. - Treatment of hypertrophic warts with Gortelov-2 paste and fluid. p. 127.
- Khalov, I. U. V. - Functional state of the organs of external respiration in the early stages of the development of hypertension. p. 128.
- Valentin, L. A., and others. - Abstracts. p. 130.
- Jaules, B. G., and others. - Use of punched cards in the study of the epidemiology of rheumatism. p. 133.
- Belin, L. A. - Densitometric effect of isoniazid and the principles of the organization of medical aid for the victims. p. 137.
- Danilovskaya, V. I., Loshina, V. E. - History of the creation of a committee of the People's Commissariat of Public Health for the improvement of the living conditions of physicians engaged in research. p. 140.
- Vagner, E. A., Rosnovskiy, A. A. - History of the problem of the mechanism of capture of the lungs in closed traumas of the chest (L. Gosselin and his theory). p. 140.
- In memory of N. V. Sviridov; an obituary. p. 155.
- SOVETSKOE ZDRAVOOKHRANENIE KIRGIZIY (SOVIET HEALTH SERVICE OF KIRGHIZIA).** Issued by Ministerstvo zdravookhraneniya Kirgizskoy SSR [Ministry of Health of the Kirgiz S.S.R.]. Frunze, no. 4, July-Aug. 1968.
- SUVEDRO-MEDITSINSKAYA EKSPERTIZA (FORENSIC MEDICINE EXPERTISE).** Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 11, no. 3, July-Sep. 1968.
- Table of contents translated:
- Smolantsev, V. M., Pchelintsev, G. A., Marshad, Z. M. - Use of otolithophoresis and emission spectrography for the determination of live birth. p. 3.
- Perinikov, A. V., Churakova, S. E. - Comparative evaluation of macro- and microscopic study of the lungs in infants and young children following their sudden death. p. 6.
- Bugakov, G. T. - Topography of stressors in the coastal in static loads. p. 8.
- Gliko, L. I. - Stability of the sizes of close-range shots from the "PM" pistol and "AK" submachine gun. p. 10.
- Rahnevskiy, A. N. - Examination of gunshot-caused damage of clothing made of synthetic materials. p. 14.
- Eldin, L. M. - Forensic medical significance and possibilities of detecting traces of metal in the area of lesion; a review. p. 16.
- Zukharova, O. A., Bakshinskaya, R. E. - Tannalogenetic significance of arterial insufficiency in criminal abortion. p. 18.
- Potapov, M. L. - Use of lectin in the differentiation of antigen A of excretions and antigen A of the blood in mixed status. p. 21.
- Farinshnyl, A. F. - Detection, isolation and determination of isoniazid in cadaveric material. p. 26.
- Shvydkii, B. I., Kramarenko, V. F. - Losses of nicotine and strychnine in forensic chemical analyses. p. 31.
- Fretzer, O. E. - Socially dangerous actions in model determined by morbid experiences in Kadinskii-Cleranbault syndrome. p. 34.
- Shostakovskiy, N. V. - Demarcation of severe jealousy ideas in psychopaths from closely related by their content, delirious ideas in schizophrenia. p. 38.
- Litvak, A. S. - Elements of programmed teaching of a course of forensic medicine. p. 44.
- Bures, L. - Detection of spermine in sperm stains by means of paper electrophoresis. p. 46.
- Zavit'nyuk, A. Kh. - Microphotography through the MDS-2 microscope using an attachment for microphotography. p. 47.
- Starobin, G. A. - Swollen teeth caused by cavernous hemangioma of the choroid plexus. p. 49.
- Ovalnikov, V. N. - Death caused by a suppurative emphysema of the mediastinum. p. 49.
- Ignatenko, A. P. - Injuries caused by bumper hoods in car accidents. p. 50.
- Zhilkov, V. S. - Characteristics of lesions caused by some models of small caliber firearms. p. 51.
- Garkavi, A. S. - Scientific session of forensic medicine. p. 62.
- VESELINA (HEALTH).** Issued by Latvian PPS Veselinu alvarsu izdevnieciba [Ministry of Health of the Latvian S.S.R.]. Riga, nos. 6-7 (121-122), June-July 1968. [in Latvian]
- VOENNO-MEDITSINSKIY ZHURNAL (JOURNAL OF MILITARY MEDICINE).** Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 4, Apr. 1969.
- Table of contents translated:
- Agafonov, V. I. - Current questions in the further reduction of infectious diseases among soldiers. p. 3.
- Nezhelov, A. P., Getmanov, P. Ia. - Military hospital of the Soviet armed forces group in Germany. p. 8.
- Solovov, V. Ia. - A navy bacteriologist. p. 12.
- Dzhishilov, E. R., Logov, A. I. - Providing medical services for a flanking detachment during operations in the mountains. p. 13.
- Kellor, A. A. - Medical evacuation by air; a survey of foreign literature. p. 10.
- Gudashvili, O. N., Oganesian, O. V. - External compressive osteosynthesis in fractures and promyeliarthritis of long tubular bones. p. 22.
- Lirman, T. N. - Indications for use of intrascapular osteosynthesis. p. 26.
- Kotelnikov, L. M., Churkashin, V. V. - Intrascapular osteosynthesis method and prospects for its use in field conditions. p. 20.
- Fleishman, I. U. I. - Clinical classification of chronic gastritis of functional disorders of the stomach. p. 31.
- Vinev, K. F., Borisov, V. G. - Effect of surgical intervention on the course of coronary insufficiency in elderly persons. p. 35.
- Karpiyevskiy, I. D. - Phonocardiographic indices in rheumatic heart disease in young persons. p. 39.
- Glebovskiy, O. V., Chernitskiy, G. I. - Hypophysal-andoronal hormones in treating tuberculosis. p. 42.
- Bedarov, V. Kh. - Sanatorium treatment of military personnel with tuberculosis. p. 47.
- Kromlov, G. I. - Emergency prevention of icterus. p. 52.
- Podolnina, V. Ia. - Role of military physicians in working out problems of medical parasitology during the years of Soviet rule. p. 58.
- Zolotukhin, A. N. - Combined action of small carbon monoxide concentrations and hypoxia on the visual analyzer. p. 60.
- Volynkin, I. U. M. - Medical science for astronauts. p. 65.
- Zhuk, M. N. - Medical and biological studies of outer space in museum exhibits. p. 68.
- Zorlia, V. I. - Experience in medical preparation of flight personnel trainees for high-altitude flying. p. 70.
- Novozhilov, G. N. - Basal metabolism during cruises in moderate and low latitudes. p. 72.
- Krechetov, V. I., Nakhmanov, S. E. - Scientific labor organization in military medical establishments. p. 76.
- Kostur, K. N. - Experience in adapting scientific labor organization of subprofessional medical personnel into the work practices of a hospital. p. 78.
- Mikhailov, N. M., and others. - Abstracts. p. 80.
- Solovov, G. P. - Exchanges of delegations of military physicians between the U.S.S.R. and France. p. 85.
- Igunov, A. K., Berkovich, A. Ia. - Scientific collaboration of physicians of the Transbaikalian Military District. p. 88.

arev, V. P., Goltkov, I. I., Treister, G. N. - *Seventh Scientific Conference of Physicians of the White Russian Military District*. p. 89.
 alov, A. I. - *Seventh Scientific Conference of Physicians of the Southern Armed Forces Group*. p. 92.
 rskii, N. A. - *Teaching and methods seminar of heads of sanatorium clubs, rest homes and tourist bases of the Ministry of Defense of the U.S.S.R.* p. 93.
 (NLM)

HEALTH. Issued by Ministerstvo zdravookhraneniia SSSR i RSFSR [Ministry of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, no. 9(165), 1968.

OKHRANENIE BELORUSSII [HEALTH SERVICE WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol. 14, no. 9, Sep. 1968.

OKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 28, 1970, Sep. 1968.

OKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S.S.R.]. Dushanbe, vol. 16, 1968.

OKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 12, no. 6(102), 1968.

GYNECOLOGY, OBSTETRICS & PEDIATRICS

OKHRANENIE MATEHNSTVA I DETSTVA [PROB- OF MATERNAL AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 13, 1968.

c. NEUROLOGY & PSYCHIATRY

NEUROPATHOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoyuznoe obshchestvo nevropatologov i psikiatrov. Union Society of Neuropathologists and Psychiatrists. Moscow, vol. 60, no. 8, 1968.

Table of contents translated:

- Novikov, O. A., Iarkina, T. G. - Role of the cerebral cortex in the formation of extrapyramidal rhinostasis. p. 801.
 Novikov, I. N., and others. - Model of the dyskinetic form. p. 803.
 Novikova, E. F., Kuznetsov, M. S. - Ataxo-angioleptic syndrome in Honda-Oster disease. p. 802.
 Novikova, I. I. - Dynamics of some neuropathological lesions under the effect of hypnotic suggestive therapy. p. 813.
 Novikova, S. A. - Vestibular processes on the level of cortical endings of the auditory and visual pathways. p. 816.
 Novikova, V. N. - Dreams in lesions of the visual cortex. p. 820.
 Novikova, L. A., Zelikina, T. I., Agracheva, N. D. - Histohistochemical changes in the cells of the visual nervous system following the introduction of ganglionic blocking agent ganglaron. p. 824.
 Novikova, D. A., and others. - Pathogenesis of the visual syndrome. p. 828.
 Novikova, P. P., Filinov, I. M. - Two cases of diagnostic value by the Akelintil method; disorders of hemispheric correlations. p. 833.
 Novikova, D. I. - Pathogenesis of the opticopyramidal syndrome in occlusions of the carotid artery. p. 837.
 Novikova, M., Nantonofskaya, D. I. - Role of the corticocortical structures of the brain in the organization of mnemonic processes. p. 843.
 Novikova, R., Tsv. Gelova. - Method for restoring brain speech. p. 849.
 Novikova, I. U. S., and others. - Meningeal syndrome in clinical practice of urgent neuropathology. p. 852.
 Novikova, I. N., Brun'ko, G. V. - Postnatal ontogeny of visual cortex. p. 859.
 Novikova, I. M., Dovedova, E. L. - Some aspects of glutamic acid metabolism in different formations of motor analyzer. p. 866.
 Novikova, V. M., Mizrakhin, I. A., Frumkin, I. A. - Study of mental patients to their illness.

- Novikova, N. I. A. - State of initial confusion. p. 876.
 Novikova, N. D. - Criteria of neurotic development. p. 880.
 Novikova, M. L. - Variations in the dynamics of the symptoms of increased inhibition; calanesthetic state. p. 885.
 Novikova, A. A., Novikov, I. U. S., Lyskov, B. D. - Study of syndromes of parapneumatic delirium and similar states. p. 890.
 Kuznetsov, M. T. - Clinical aspects of reflex hallucinations. p. 895.
 Korot'kov, F. N. - Suggested dreams as a psychotherapeutic method. p. 898.
 Volpert, I. I. - Reproduction of images as a psychotherapeutic method. p. 902.
 Timofeev, N. N., Kondrasheva, V. T., Nemtseva, N. I. A. - Oxyhemometric examination in schizophrenia and reactive psychosis during the process of treatment with neuroleptics. p. 906.
 Mil'shtein, G. L. - Use of preparations with anticholinergic action for coupling disorders of the higher nervous activity caused by some psychomotoric states. p. 913.
 Zhukovskii, I. I. - Professor V. T. Poltoravskii's contribution to the development of Russian neurology on the 150th anniversary of his birth. p. 916.
 Akhutin, E. A. - Index of books on neuropathology, psychiatry and related disciplines received at the State Central Scientific Medical Library during March 1968. p. 940.
 Nikolai Vladimirovich Vinogradov, on his 70th birthday. p. 942.
 Zhelezovskii, R. A. - Fourth Annual Conference of the Society of Medical Psychotherapy at the State Central Scientific Medical Library during March 1968. p. 943.
 Krivosheina, - Concerning F. F. Ognenok's article "Controversial problems of the mechanism of the development of tonic symptoms in acute limbic encephalitis." p. 948.

Vol. 68, no. 7, 1968.

- Table of contents translated:
 Bogdanov, N. K. - Soviet neuropathology during 50 years. p. 953.
 Serchukova, Z. N. - Soviet psychiatry during 50 years. p. 959.
 Klovskii, B. I., Krasnarskii, E. N. - State of brain matter exposed to collateral blood supply. p. 964.
 Mar'yanov, I. U. S., Suchkov, I. A. - Characteristics of the course of disorders of cerebral blood circulation in diabetes mellitus. p. 972.
 Novikova, I. N., Novikov, I. U. S., Kazhevič, R. L. - Clinical and electroencephalographic studies in scleroderma and dermatomyositis. p. 976.
 Matkova, E. V. - Neuroleptic states in pathology of the liver. p. 983.
 Glazunov, D. A., Lasev, A. A. - Differentiation of the epileptic syndrome of different etiology. p. 987.
 Golovinskiy, M. A., and others. - Early cerebral atrophic sclerosis in intellectual and physical workers. p. 992.
 Mikhlin, I. I., Janovskii, M. - Electroencephalogram in Takayasu's syndrome and diabetes. p. 997.
 Glazunov, S. E. - Role of the disorders in the cardiac rhythm in the pathogenesis of ischemic insulin; rhinostasis. p. 1007.
 Roudnik, I. I., Krasik, A. E. A. - Treatment of oxygen deficiency of the brain tissue in the acute stage of cerebral ischemia: effect of the inhalation of oxygen and carbon dioxide mixture on cerebral gas exchange. p. 1002.
 Krupina, T. N., Tizel, A. I. A. - Significance of prolonged electroencephalographic changes in the clinical practice of neural diseases. p. 1008.
 Gurtskii, V. S., Litner, A. M. - Relationship of the stability in vertical position with the respiration in patients with focal cerebral lesions of different localization. p. 1014.
 Ael'nikov, A. S. - Some characteristics of the spatial distribution of biopotentials in the cerebral cortex of patients with obsessive-compulsive disorder. p. 1010.
 Bakimov, V. T. - Endocrine and humoral disorders in neoplasia. p. 1027.
 Maslov, I. A. - Mental state in prolonged hypokinesia. p. 1031.
 Erokhina, I. E. - Mental disorders in typical trigeminal neuralgia and other forms of prosoptalgia. p. 1034.
 Olenov, V. K. - Characteristics of the clinical aspects of reactive states in inhibited psychopathic persons. calanesthetic state. p. 1038.
 Voronitsova, G. S. - Hysterical disorders originating under conditions of a medical expertise of the capacity for work. p. 1042.
 Kelochev, B. P. - Characteristics of the clinical aspects of repeated reactive states; data of clinical and calanesthetic observations. p. 1047.
 Mlagkov, I. F., Lakomkin, A. I. - Physiological mechanisms of autogenous training. p. 1052.
 Trunova, B. M. - Effect of amphetamine on some characteristics of the higher nervous activity in hysteria. p. 1057.
 Gur'eva, V. A., Gindkin, V. I. A. - Present state of studies on psychopathology: a review of foreign research over 10 years. p. 1064.
 Akhutin, I. A. - Index of books on neuropathology, psychiatry, and related disciplines received at State Central Scientific Medical Library in April 1968. p. 1069.

194a-14c

- Vil'kinskaya, M. L. - Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines received at State Central Scientific Medical Library during the 1st quarter of 1968. p. 1091.
 Akhutin, S. G., Sirkhal, Gaidarovich Akhutin, on his 60th birthday and 44th anniversary of medical, scientific and civic activities. p. 1100.
 Dmitriy Dmitriyevich Fedotov, on his 60th birthday. p. 1101.
 Val'ko, I. - Report of the Polish-Soviet Symposium on Neurogenetics. p. 1103.
 Nakhodkin, I. R. - Joint scientific session of the Institute of Psychiatry of the Academy of Medical Sciences of the U.S.S.R. and Institute of Psychiatry, named after Asutian, of the Ministry of Public Health of the Georgian S.S.R., devoted to the problems of schizophrenia. September 14-17, 1967. p. 1105.

ZHURNAL VYSSHEI NERVENI DEIAT'EL'NOSTI [JOURNAL OF HIGHER NERVOUS ACTIVITY]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 18, no. 4, July-Aug. 1968.

Table of contents translated:

- Sakhinina, G. T., Iakubchinskii, E. D. - Stable electrophysiological correlates of food-procuring conditioned reflexes in dogs. p. 555.
 Shul'gina, G. I. - Reactions of the neurons of the cerebral cortex in rabbits at an early stage of the development of a defensive conditioned reflex to stimuli of different modalities. p. 565.
 Voronin, L. G., Somenova, T. P. - Dynamic of the development of a chain of conditioned motor reflexes in white rats following lesions of the hippocampus. p. 574.
 Ridenko, L. P. - Dynamics of the development of tonic conditioned reflexes following the switching of motor-defensive and alimentary conditioned reflexes. p. 583.
 Nakhodova, A. I. A. - Evaluation of the reinforcement probability and the conditioned alimentary reflex. p. 589.
 Blank, V. L. - Effect of the localization of a visual stimulus on the formation of a conditioned environment reflex in one hemisphere. p. 598.
 Kurnov, O. A. - Role of basal ganglia in the higher nervous activity of Macaca rhesus. p. 608.
 Nutsulidze, M. A. - Closing function of the limbic system. p. 616.
 Kostomarov, N. D. - Effect of caffeine on the formation and maintenance of conditioned reflexes to time. p. 621.
 Malakhovskaya, D. H. - Effect of amphetamine on the interaction of conditioned and unconditioned reflexes in young rabbits. p. 628.
 Graul, Ch. - Prolonged changes in the higher nervous activity following insulin coma. p. 637.
 Alekseyenko, N. I. U. - Evoked responses in the auditory cortex in cats to sounds of different durations. Report No. 1: Form of evoked potentials. p. 642.
 Shovelov, I. A., Ilic, I. H. - Characteristics of temporary summation on different levels of the visual system of anesthetized cats by the formation thresholds of primary evoked potentials. p. 650.
 Myelobedskii, M. S. - Transformation of an evoked potential in the visual cortex in rabbits into a discharge of the wave-apiko type. p. 660.
 Vinogradov, O. S. - Study of habituation in the neurons of the nucleus caudatus in rabbits. p. 671.
 Storozhuk, V. M. - Functional properties of the neurons of the somatosensory cortex activated by stimulation of the pyramidal tract. p. 681.
 Tolstunov, D. F. - Distribution of interimpulse intervals in the background activity of neurons of the nucleus caudatus, reticular formation, and cerebral cortex in rats. p. 691.
 Sokolov, E. N., Iolianskii, V. D., Bagdasaryan, A. - Stabilization of reactions of single neurons of the visual cortex in nonanesthetized rabbits following multiple photic stimulation. p. 701.
 Korzun, P. A., Shostak, V. I. - Interaction of the photopic and scotopic afferent systems following intensive photic stimulation. p. 708.
 Rabinovich, R. L. - Physiological regulation of rhythmic muscular activity in man. p. 712.
 Fomichova, E. Z. - Characteristics of unilateral negative conditioned stimuli. p. 718.
 Dmitriyev, I. U. S. - Evaluation of the formation rate of a conditioned reflex. p. 721.
 Solonov, N. S., Gromova, K. I. - Changes in the electroencephalogram following alteration of the signal significance of the stimulus in dogs with different mobility of nervous processes. p. 724.
 Koz'man, E. I. - Dependence of the speed of human motions on temporal correlations of inhibition and excitation of antagonistic muscles. p. 728.
 Blatava, A. S. - Changes in the excitability of neurons of the corpus geniculatum laterale in cats. p. 733.
 Popova, E. I., Martinechov, A. A. - Experimental device for studying the transfer of effector habit and behavior choice in dogs. p. 736.
 Pipinov, A. V., Ordinan, G. S., Panardzhian, V. V. - Feeding of temporal characteristics of neuronal activity into an universal digital computer. p. 739.

OPHTHALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdorovokhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 23, nos. 5-6, 1988.

QNL31

TERAPEVICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdorokhraneniia SSSR [Ministry of Health of the U. S. S. R.], Moscow, vol. 40, no. 8, Aug. 1968.

Table of contents (continued):
 10. N. N., and others. - Results of comparative clinical studies on the new antineoplastic antibiotic ruscogenin. p. 771.
 11. Dzhankina, M. G., and others. - Study of the chemical properties of ruscogenin II. p. 781.
 12. Nesterova, N. V., Petrakova, V. A., Novikova, V. I. - Quantitative determination of ruscogenin components in summary preparations. p. 785.
 13. Krut'ko, A. V., Baskovich, A. M., Kiselev, G. V. - Study of the sorption capacity and equilibrium of hygroscopic ion exchange resins. p. 789.
 14. Dykhtsova, L. M., Serdyuk, L. I. - Determination of the ionic rate of anticholinergic inhibitors of Actinomycete origin by means of ion exchange resins. p. 791.

1. H. H. - Work of a rural drugstore,
p. 70.

c)pyridazine, p. 10,

Ocharkova, L.M., Nikolaeva, L.A., Golovchinskaya, E.S. - Syntheses in the purine series. Report No. 18: Direct transformation of theobromine into 2-chloro-3,7-dimethylxanthine. p. 18.

Prishechkin, T.I., and others. - Synthesis of sulfamide compounds in carbazole series. p. 24.

Bakajeva, N.N., Savorne, N.N. - Indole derivatives. Report No. 44: Preparative synthesis of indopan from indole. p. 27.

Struskevich, I.U., Babueva, T.S.M., Suvorov, N.N. - Indole derivatives. Report No. 43: 2-chloroethylamino-4-(indolyl-3')imidazole and some of its derivatives. p. 29.

Mamajeva, L.E., Sazonov, N.V., Kropacheva, A.A. - Ethylamine derivatives. Report No. 8: Diethylamides of pyrimidyl-5-aminophosphoric acids. p. 31.

Gavrilin, G.F., and others. - Side processes in the restoration of ethyl ester of p-nitrobenzoic acid. p. 35.

Orlova, N.V., and others. - Effect of the concentration of inorganic nitrogen in the medium on hydroxy-tetracycline biosynthesis depending on the cultivation conditions of the producer. p. 36.

Khanin, M.L., and others. - Antibiotic properties of extracts obtained by means of liquified carbonic acid from medicinal plants. p. 40.

Plekhan, M.I., Babin, P.A. - Determination of the reaction capacity of the guanidine group in thermally inactivated insulin. p. 44.

Kostareva, M.G., Fedorova, A.N. - Borate complexes of erythromycin. p. 46.

Chelombitko, V.A., Murav'eva, D.A. - Hecocata microcarpa, a source of alkaloids of chelerythrine and sanguinarine. p. 49.

Loos, I.M., Prolsenko, I.D. - Spectrophotometric method of quantitative determination of Benzot. T.F.P. p. 52.

Brutko, I.I., Alibabina, G.F., Romanchuk, M.A. - Automatic device for polybuffer distribution of substances (UPR). p. 54.

Bezrazov, E.E. - Improvement of the press device in tabletting machines. p. 57.

Botko, V.D., Mifchenko, L.V. - Study of the effect of ultrasound on the extraction of alkaloids from the bark of rauwolfia. p. 60.

cl. 2, no. 3, Mar. 1968.

Table of contents translated:

Sokolov, G.P., and others. - Synthesis and curative effect of quaternary bis-aminomethylololoxanylethane and ethylene salts. p. 3.

Markevich, D.A., Arendaruk, A.P., Skoldinov, A.P. - Studies on the series of cyclobutanecarboxylic acids. Report No. 9: Dependence of the curative activity on the structure of cyclobutanecarboxylic acids in the series of alkamine derivatives. p. 7.

Morozovskaya, L.M., and others. - Indole derivatives. Report No. 39: O-acyl derivatives of serotonin. p. 11.

Oreva, V.M., Gavrilin, G.F., Chistiakov, V.E. - Identification of phenylacetate isocyanide, a byproduct in the production of phenylacetamide. p. 15.

Avramenko, V.G., and others. - Improved production of bozaine. p. 18.

Rozarova, T.N., Strukov, I.T. - Synthesis and study of some -substitutes of -hydroxylamine- carboxylic acids. p. 20.

Shapira, B.L., Tsalashova, I.N., Annotovskii, M.T.S. - Study of semiprecursors in the production of vitamin A by means of gas-liquid chromatography method. p. 23.

Marav'eva, D.A., Savchenko, I.A.S., Vergechik, E.N. - Photometric determination of coumaphene. p. 27.

Skichev, N., Milos, M. - Device for bacteriological studies. p. 30.

Kristall, Z.B., Danilenko, I.V. - Laboratory test-tube centrifuge with a prolonged cycle of duty. p. 34.

Mirukov, V.V., Kafarov, V.V. - Fermentation process as an object of temperalure regulation. p. 36.

Julan, E.A., Bylinkina, K.S. - Calculation of energy consumption for agitation in fermenters. p. 39.

Al'hsheer, G.N., and others. - Use of ionites in the production of chomopharmaceutical preparations. Report No. 3: Study of the possibility of using the AD-17 anionite for the extraction of norsulfazole from waste waters. p. 42.

Klebarov, G.S., Mednikova, L.N., Ovcharova, A.D. - Effect of electrolytes on the extraction of caffeine from water solutions. p. 45.

Aksenov, A.Z., Iakimov, F.V. - Mechanized continuous mass production line for finishing ready-made articles. p. 47.

Borisov, G.M. - Centrifugal jets for atomizer-type dryers. p. 52.

Grigorii Nikolaevich Pershin; on his 60th birthday. p. 57.

Kuzovkov, A.D. - First All-Union Congress of Pharmacists. p. 59.

g. PUBLIC HEALTH AND NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and the Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 33, nos. 7-8, 1968.

GIGIENA TRUDA I PROFESSIONAL'NYI ZAROLEVANIA [INDUSTRIAL HYGIENE AND OCCUPATIONAL DISEASES]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 7-8, July-Aug. 1968.

LENINGRAD. SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. Vol. 80, 1965.

MEDITSINSKAYA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 27, no. 9, Sep. 1968.

h. SURGERY AND DENTISTRY

KHIRURGIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 44, no. 1, Jan. 1968.

Table of contents translated:

Rakov, A.I. - Basic principles of modern surgery on malignant tumors. p. 1.

Bazhenov, A.P., Ostretsky, L.D. - Anticancer drug therapy in cancer of the large intestine. p. 7.

Aminov, A.M., Rodkin, S.A. - Twenty years of experience in surgical treatment of cancer of the rectum. p. 14.

Gukastin, A.A., and others. - Benign tumor of the esophagus and fatal hernia. p. 20.

Uvatova, I.A., Tshrikov, I.I. - Study of biologically active hydrocortisone in patients with gastric cancer during the operation. p. 24.

Mikoladze, K.D., Pozharova, V.V., Gritchev, V.V. - Late results of surgical treatment in cancer of the stomach. p. 28.

Kravtchik, B.O. - Some anatomical prerequisites to bilroth type I resection of the stomach for cancer. p. 31.

Slonimskii, V.I. - Reticulosarcoma of the stomach. p. 37.

Daisenko, V.S. - Some problems in the diagnosis and surgical treatment of malignant tumors of the head of the pancreas and large duodenal papilla. p. 44.

Tshelchenko, M.A., Sukovalykh, L.S. - Transcutaneous intraductal cholangiography in tumors of the pancreaticoduodenal zone. p. 49.

Makokha, M.S., Nikitenko, S.A. - Methodology of pancreaticogastrostomy in clinical practice and experiment. p. 55.

Shubin, O.M., Fodoran, E.S. - Transduodenal papillotomy in cancer of the large papilla of the duodenum. p. 60.

Chulanov, B.I. - Cancer of the vermiform appendix and cecum in connection with appendicitis. p. 63.

Emirov, N.A. - Polyps and polypoids of the rectum and large intestine in anebiosis. p. 68.

Konarov, A.S., Vainitsin, M.S. - Diagnosis and surgical treatment of retroperitoneal tumors. p. 70.

Uzlov, V.A. - Desmoid tumors of the abdominal wall. p. 74.

Nikitina, N.I., Aganova, K.A. - Punctate cytology of regional lymph nodes in the diagnosis of cancer of the breast. p. 77.

Pashkareva, N.P., Pines, E.V. - X-ray diagnosis of benign diseases of the breast. p. 80.

Kuklina, A.A. - Characteristics of lesions of the breast based on pathohistological data. p. 82.

Iagunova, L.V. - Combination of cancer of the breast with carcinoma of other localizations. p. 86.

Zhenotski, V., Vuitak, D., Karas', A. - Pulmonary aspergillosis and its surgical treatment. p. 90.

Karpov, M.F. - Postoperative complications in primary cancer of the lung. p. 95.

Rodionov, V.V. - Life expectancy in patients with pulmonary cancer following pneumonectomy. p. 102.

Shapoborski, V.I.A., Menzhinskaya, G.V. - Basic principles of treating tumors of hand bones. p. 106.

Atrapetian, M.Kh. - Surgical intervention in compound treatment of lymphogranulomatosis. p. 111.

Levenots, V.N., Litvinenko, A.D., Emels, G.L. - Malignant degeneration of long-lasting non-healing ulcers, pathological calcifications and walls of osteomyelitic fistulas. p. 113.

Strenova, T.N., Kurchavov, G.K. - Surgical interventions in acute leukemia. p. 119.

Chashik, V.O. - Dystrophic tumors of the trachea. p. 122.

Berdnikov, V.A. - Clinical aspects in cancer of the thyroid gland. p. 123.

Nikoluev, A.V. - Resection of esophagojejunal anastomosis in the recurrence of gastric cancer. p. 125.

Avdel, L.V. - Hemobilia in malignant lesions of the biliary tract. p. 126.

Luzhikov, K.V. - Hemangiomas of the rectum. p. 127.

Oglenko, V.S. - Two rare cases of malignant syncytomas. p. 129.

Kyaza, K., Guvailo, V.I. - Immunodepressive therapy in homotransplantation. p. 132.

Valerii Pavlovich Radushkevich; on his 60th birthday. p. 147.

Dogorad, I.V., Nazarova-Okhrtmenko, V.L. - A.V. Marlynov operates on L.P. Pavlov. p. 149.

Toshitski, I.I. - Eminent Mur'evich Kramarenko; on the 10th anniversary of his death. p. 150.

Diezina, A.P., Ezerietis, - In memory of Doctor B.A. Landa. p. 152.

Vishnevskii, A.A., Petrov, B.A., Napalkov, P.N. 22d Congress of the International Society of Surgeons; Vienna, September 2-9, 1967. p. 153.

Krylov, K.M., Kochel'gov, N.I. - Fifth Scientific Conference on the Problem of Burns. p. 160.

(DNLM)

VOPROSY NEIROKHIRURGII [PROBLEMS OF NEUROSURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 32, no. 3, May-June 1968.

Table of contents translated:

Rodskaya, N.I., and others. - General reaction of the organism to surgical intervention in patients with cerebral tumors. p. 1.

Kozulka, I.U.A. - Correlation of the blood circulation in both internal carotid arteries and in the vessels of the vertebralbasilar system in cerebral tumors. p. 7.

Sidzinski, M.A. - Role of hormonal disorders in the etiology of some neoplasms. p. 11.

Blizkov, S.M., Putshilo, M.V. - Dependence of the compensation of function on the quantity of neurons. p. 15.

Arutunov, A.I., Vasin, N.I.A., Lurina, A.R. - Substantiation of the resection of the pole of the frontal lobe of the subdominant hemisphere as a method of operative approach to basal neoplasms. p. 20.

Romodanov, A.P., Pel'ta, B.A., Varkhogladova, T.P. - Extraventricular supratentorial cerebral opendynomas. p. 20.

Pollukov, Z.N., Marova, T.G. - Comparative evaluation of contrast examining methods in the diagnosis of volumetric processes in the brain hemispheres in children. p. 30.

Puradkin, I.U.N. - Limited superficial gliomas of the brain hemispheres in X-ray pictures. p. 33.

Vikhort, T.M., and others. - Study of the focus of intracerebral destruction following local freezing with liquid nitrogen; experimental morphological study. p. 45.

Stopanova, T.S., Orlov, K.V., Iatuk, S.L. - Some problems of methodology and technique in the use of multiple long-term intracerebral electrodes in the neurosurgical clinical practice. p. 49.

Evgend' Zhanovich Tron; an obituary. p. 59.

Anzlimirov, V.L., Filatov, I.U.M. - Characteristics of the general regional cerebral blood circulation in arteriovenous aneurysms of the brain according to roentgenographic data. p. 34.

Bokilova, N.P., Orlova, A.N. - Optimization of different stages of surgical treatment of hyperkinesias by the method of implanted electrodes. p. 39.

(DNLM)

i. VENERELOGY AND DERMATOLOGY

PROBLEMY GEMATOLOGII I PERELIVANIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 13, no. 2, Feb. 1968.

Table of contents translated:

Kislov, A.E., and others. - Searching for the optimal conditions of erythrocyte drying. p. 3.

Moslagina, E.N. - Criteria of viability of transfused erythrocytes. p. 7.

Torontova, E.I., Kislov, A.E., Fedotnikov, A.G. - Electron microscope study of bone marrow cells in the process of freezing. Report 1. Effect of glycerol and dimethylsulfoxide on submicroscopic cell structure. p. 12.

Novikova, M.N., Fedotnikov, A.G., Chortkov, I.L. - Transplantation of fresh and preserved autologous bone marrow to dogs irradiated with a dose exceeding the lethal. p. 19.

Kasimov, G.I. - Effect of multiple donorship on the content of adrenalinlike substances in the blood. p. 21.

Usenbaev, A.U. - Blood regeneration in donors under conditions of the highlands of Kirghizia. p. 23.

Sushchenko, I.B. - Histological examination of the bone marrow in subacute hypoplastic anemia following aplastic anemia. p. 25.

Kalugina, L.T., Kalitskova, O.B. - Cases of surgical interventions in acute leukemia. p. 29.

Riznev, N.M., Knizova, N.K. - Change in blood coagulation in anasthesia. p. 32.

EDIATRIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 47, nos. 8-9, Aug.-Sep. 1968.

(DNLM)

- Kostenik, N. A. - Cobalt metabolism in the organism of dogs following gastrectomy and resection of various regions of the stomach; pathogenesis of agastric hypochromic anemia. p. 34.
- Nedoshina, N. V., Korotkina, I. K. - Mechanism of therapeutic effect of the serum from a burn convalescent on the renal functions following thermal burns. p. 39.
- Chernova, H. S., Lokshina, F. I. - Case of a combination of lymphadenitis with rhabdomyosarcoma. p. 43.
- Aleinskaya, M. S. - Combination of lympholeukemia with a malignant tumor of the large intestine. p. 44.
- Iashvili, V. V. - Splenectomy in acute form of Werthoff's disease complicated by cerebral hemorrhages. p. 45.
- Polkin, P. S. - Increasing the sera antibody titre by freezing and centrifugation. p. 46.
- Khakimov, Kh. A., Mikhailov, V. G. - Prolonged preservation of cadaver bone marrow by the method of freezing. p. 48.
- Ryzhkov, S. V., and others. - Method of obtaining postmortem bone marrow. p. 49.
- Dohry, E., and others. - Our experience in erythrocyte preservation by the method of freezing with the application of dimethylsulfoxide. p. 50.
- Goloseva, T. V., and others. - Application of skin antiseptics for the treatment of hands of surgeons and the anastomosis of donors. p. 53.
- Petrov, R. V., Chertkov, I. L., Kozinets, G. I. - Transplantation of hemopoietic tissue according to materials of a conference on bone marrow (Paris, June 26, 1967) and of the First International Congress of Transplantologists (Paris, June 27-30, 1967). p. 58.
- (DNLM)
- ## 15. AGRICULTURE
- ### a. GENERAL
- KHIMIYA V SEL'SKOM KHOZIAISTVE (CHEMISTRY IN AGRICULTURE). Organ of Gosudarstvennyi komitet khimicheskoi promyshlennosti pri Gosplane SSSR and Ministerstvo sel'skogo khozaistva SSSR [State Committee for the Chemical Industry, Attached to the State Planning Committee of the U.S.S.R. and the Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 8, no. 2(32), Feb. 1968.
- Table of contents translated:
- Korenkov, D. A. - Mineral fertilizers for grain crops. p. 2.
- Tulin, S. A. - Use of phosphorus fertilizers containing magnesium in the cultivation of potatoes in sandy soils in Briansk Province. p. 6.
- Levin, A. M., Syridov, A. S. - Using mineral fertilizers in corn raising for silage in the leached Chernozem soils of Tambov Province. p. 8.
- Korovin, A. I., Chernykh, V. P. - The effect of mineral nutrition on the resistance of tomato seedlings to frost. p. 11.
- Zhabonov, L. D. - Use of potassium iodide and other trace elements in the cultivation of cucumbers in spring greenhouses. p. 14.
- Isakov, K. - Using nitrogen fertilizers on mountain pastures of Kirghizia. p. 17.
- Pronezhko, T. S., and others. - Effectiveness of phenitramid and phenitramid molybdate as seed disinfectants. p. 20.
- Khandolina, L. M., Kuznetsova, T. A. - Effect of isotra-methylthiuram disulfide on the oxidizing metabolism in carrots and their resistance to the phomopsis pathogen. p. 23.
- Mandol'baev, I. A., and others. - Acaricidal and fungicidal activity of dialkylmethyl of O-alkyl-S-(N-alkyl carbamoyl methyl) dithiophosphates. p. 27.
- Chesalin, G. A., Spivak, L. Sh. - Effectiveness of arosin and herbazo in forage lupine cultures. p. 29.
- Krasneninikov, N. N., Nikitina, G. V. - Use of prometryn in pea cultures. p. 32.
- Monstervall, J. - Destruction of weeds with herbicides in pure lupine cultures and in mixed cultures of lupine and corn. p. 34.
- Saravin, K. I., Vokshin, B. S. - Use of herbicides in combined cultures of corn and forage beans. p. 36.
- Doroshenko, E. I., Iatalskiy, A. F. - Effect of symazine on crops and quality of forage lupine. p. 40.
- Kvitko, F. P. - Effectiveness of herbicides in soybean cultivation. p. 42.
- Sobolova, D. A., Makarova, S. V. - Determination of the herbicide meflurine (N-phenyl-N-methylurea) by the acylation method. p. 44.
- Dokhanchikov, G. S. - Effect of copper sulfate on erythrocytes in young pigs in an early period of weaning. p. 49.
- and others. - Comparison and methods of determination of phosphorus and potassium in the soil. p. 52.
- and others. - Ion exchange determination of small quantities of sorbic acid in the soil and plant material. p. 53.
- Iurkin, S. N. - Use of mineral fertilizers in Gorkiy Province. p. 62.
- Tsol, A. N. - Preparation of mineral fertilizers for application to the soil. p. 65.
- Shapovalova, G. K. - Characteristics of pesticides and schedules of their use in the apple orchards in the central zone of the R. S. F. S. R. p. 67.
- Mel'nikov, N. M. - Sixth International Congress on Plant Protection. p. 71.
- Peresypkin, V. F., Andreeva, E. N. - All-Union Conference on the Control of Root Rot of Grain Crops. p. 77.
- KREST'YANKA [THE PEASANT WOMAN]. Published by Izdatvo [Publishing House] "Pravda." Moscow, no. 2, Sep. 1968.
- MEKHANIZATSIYA SEL'SKOGO HOZPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ukrains'ke ob'ednannya Rady Ministriv URSR "Ukrains'ke hospodarnika" [Ukrainian Association "Ukrainian householders"] of the Council of Ministers of the Ukrainian S.S.R. Kiev, vol. 19, nos. 7-8(223-224), July-Aug. 1968.
- MOSCOW, INSTITUT INZHENEROV ZEMLESTROISTVA. Nauchnye trudy [INSTITUTE OF LAND UTILIZATION ENGINEERS. Studies]. No. 37, 1967.
- MOSCOW, VSESOUZNYI NAUCHNO-ISLEDOVATELSKIY INSTITUT GIDROTEKHNIKI I MELIORATSIY. Nauchnye trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING AND RECLAMATION. Studies]. Vol. 43, 1965. Hydraulic engineering.
- Table of contents translated:
- Ter-Abramants, G. A. - Studying a channel model of inlet works of Dnestr River Reservoir. p. 3.
- Levitskaya, M. S. - Bottom directional baffles for silt protection of water inlet structures of community and industry waterworks. p. 43.
- Voznesenskii, N. A., Ezhinov, S. - Laboratory investigation of downstream waters in the main structure of the first section of Kara-Kum Canal. p. 52.
- Shapiro, Kh. Sh. - Operational experience of flow directing system in Kara-Kum Canal. p. 72.
- Lakovlev, M. P. - Water hammer in pipelines originating under certain conditions during start. p. 85.
- Varlanov, I. I. - Hydraulic investigation data on the operation of pendulum flow meter (MTV-II) set on horizontal pipe. p. 96.
- Lakovlev, M. P. - New device against water hammer for irrigation pipelines. p. 104.
- Morkunov, I. S. - Testing automatic water meter and regulator. p. 122.
- Ter-Abramants, G. A. - Investigation of the sedimentation basin flushing on large model of Kara-Kum Canal. p. 132.
- Shapiro, Kh. Sh. - Studying dynamics of silt settling in large-scale model chambers of a sedimentation basin at the main section of Kara-Kum Canal. p. 165.
- Levitskaya, M. S., Berezina, A. S. - Results of laboratory research on drainage ditch channels at flow outlet into flood plains. p. 190.
- Sharova, Z. I. - Study of channel forming processes in Kell Lakes of Kara-Kum Canal. p. 200.
- Voznesenskii, N. A. - Laboratory investigation of tailrace in standard structures of storm water culverts. p. 216.
- Popova, V. A. - Water outlet regulator with tubular distributor. p. 238.
- Agustev, S. I. - Laboratory investigation of tubular spillways with criblike inlets. p. 253.
- Popova, V. A., Sharova, Z. I. - Results of a laboratory research on standard tubular regulators. p. 262.
- Aliev, E. O. - Use of directional bottom baffles in the tailwater of single flow regulating sluices. p. 280.
- Nabokhin, L. G. - Plotting free surface of a flow in circular conduits. p. 288.
- Laroslavskii, Z. I. A. - Studying electrolytic coagulators for water purification. p. 293.
- Zubareva, T. V. - Determination of seepage rate through drainage inlets near dams with consideration of silt rate. p. 302.
- Laroslavskii, Z. I. A. - Anodic dissolution of iron and aluminum in flow-type electrolytic coagulators. p. 312.
- QAZAQSTAN AUYL SHARUASHYLYGHY [AGRICULTURE OF KAZAKHISTAN]. Alma-Ata, no. 7, July 1968. [in Kazakh]
- REFERATIVNYI ZHURNAL: POCHVOVEDENIE I AGROKHIMIYA (Otdel'nyi vypusk 57) [JOURNAL OF AGRICULTURE: SOIL SCIENCE AND AGROCHEMISTRY (Separate Issue 57)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-9, July-Sep. 1968.
- SEL'SKAYA NOV' [RURAL NEWS]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Kiev, vol. 3, no. 9, Sep. 1968. (DNAL)
- SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 11, no. 9, Sep. 1968.
- SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khozaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 19, no. 8(230), Aug. 1968.
- SEL'SKOE KHOZIAISTVO KAZAKHISTANA [AGRICULTURE OF KAZAKHISTAN]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 9, Sep. 1968.
- SEL'SKOE KHOZIAISTVO KIRGHIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khozaistva Kirghizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 15, no. 9, Sep. 1968.
- SEL'SKOE KHOZIAISTVO MOLDAVIYI [AGRICULTURE OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khozaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 13, no. 8, Aug. 1968.
- SEL'SKOE KHOZIAISTVO ROSSII [AGRICULTURE OF RUSSIA]. Issued by Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Moscow, no. 8, Aug. 1968.
- SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khozaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 22, no. 9, Sep. 1968.
- SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khozaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 9, Aug. 1968.
- SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka [Central Agricultural Library]. Moscow, no. 9, 1968.
- SOTSIALISTICHESKAYA POLLOUMAJANDISH [SOCIALIST AGRICULTURE]. Issued by Rossiyskaya Polloumajandish [Ministry of Agriculture of the Russian S.S.R.]. Tallinn, nos. 13-18, July-Sept. 1968. [in Estonian]
- STEPNYE PROSTORY [STEPPE OPEN SPACES]. Issued by Ministerstvo sel'skogo khozaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Saratov, vol. 24, nos. 1, 3-4, 6-9, Jan., Mar.-Apr., June-Sep. 1968.
- TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 20, no. 6, 1968.
- Table of contents translated:
- Starikov, D. - Agricultural requirements for equipment should be correctly substantiated. p. 1.
- Zakharov, M. - The tractor's quarter century. p. 5.
- Drozdov, V., Sorochynskiy, A. - Mechanization of haymaking in non-Chernozem zones. p. 8.
- Rukhlov, R. - Crushing grass before drying. p. 12.
- Glink, G. - Soil-propelled hay loader. p. 13.
- Smirnov, V. - Mechanization of the planting of vegetable potatoes. p. 15.
- Romashin, A., and others. - Wide row potato planting in the western regions of the Ukrainian S.S.R. p. 17.
- Virovets, V. - Wide-row seed sowing. p. 19.
- Skrivnitskiy, N. - Down-the-row thinning of sugar beets. p. 22.
- Ivnyov, I. - Wide-radius aggregate for corn sowing. p. 23.
- Shubitskiy, A. A., Orlov, A. - Hydraulic drill for planting vegetables on flood plains. p. 26.
- Nazarov, B. - Automated food distribution. p. 29.
- Gubareva, E., Turkin, O. - Installation of the TVK-80A loader conveyor. p. 31.
- Doroshenko, A. - Installation and operation of pneumatic conveyors for removal of manure. p. 33.
- Polinskiy, I. A., Sosnko, B. - Farrowing of periodically waterlogged soils. p. 36.
- Sidakov, I. - The SNT-500/10 mobile pumping station. p. 39.
- Sokolov, A., Korshikov, A., Fisenko, S. - Mobile siphon pumping unit. p. 41.
- Conventional symbols for electrical schematics. p. 43.
- Prishchep, L., Modvudov, A. - Additional illumination of seedlings by devices operating at increased frequencies. p. 48.
- Ovychik, P. - Water lower management. p. 50.
- Dondarovich, F., Lakhin, I. - Improved silt filters for the O-37E and O-48 engines. p. 52.
- Sopanluk, P. - Maintenance of the intermediate gear of the MTZ-52 tractor. p. 54.
- Mosler, O. - The KPT-2 submersible motor. p. 55.
- Tarasov, S. - Refilling the SKON-4 seed drill for six and eight rows. p. 57.

- Sofoğub, D., Ivachenko, V. - Determination of working parameters of the GAN-8 spraying machine. p. 59.
- Mikhailets, E., Morlaeth, P. - Protective shields on cultivators. p. 61.
- Sergeev, M., Nikitin, B., Zuy'lov, I. U. - When must bearings in track rollers be adjusted? p. 63.
- Kendralov, G. - Determination of time losses in tractor plowing. p. 65.
- Milov, A. - Rating and accounting of tractor operators. p. 66.
- Romanenko, D., Ploshkov, M., Palkin, I. U. - We are for standard output per shift. p. 68.
- Stopanov, V., Levitskii, I. - Repair of caterpillar track for undercarriage parts by casting. p. 70.
- Vodlark, I., Toropyln, S. - Steel plating of bearing seats. p. 72.
- Afanasov, I., Tretyak, M. - Installation of bushings without grinding shaft necks. p. 74.
- Asfakhev, P. - Pressing and working of metals. p. 76.
- Dunzhadin, N. - Tractor repair included in the production financial plan. p. 77.
- Manukovskii, N., Pavlenko, S., Kiselev, N. - The T-6 tractor. p. 78.
- Kozlovskii, I. - Maintenance of tractors. p. 79.
- Mattashin, I. U. - Ways of lowering the energy consumption of rotary tillage. p. 81.
- Vozhik, I. U., Vysoven', V., Smakovskii, P. - Fertile tractor-spooler. p. 82.
- Skator, H. - Garden disc harrow. p. 84.
- Filichanov, I. - Device for the assembly of track bearings. p. 85.
- Eliger, N. - Laying cables and pipes under ramps. p. 87.
- Anzhenov, M. - Device for squeezing and pressing of bushings. p. 89.
- Zuov, V. - Calculation of thermal loads and selection of buffers. p. 87.
- Shurov, N. - Device for washing cows. p. 89.
- UFA. RASHIKIRSKII SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [UFAKIR AGRICULTURAL INSTITUTE. Transactions]. Vol. 12, pt. 6, 1968. (DNAL)
- ZEMIA SIBIRSKAYA, DAL'NEVOSTOCHNAIA [LAND OF SIBERIA, OF THE FAR EAST] Issued by Ministerstvo sel'skogo khozaiatva RSFSR [Ministry of Agriculture of the U.S.S.R.]. Omsk, vol. 12, nos. 2-3, 5-6, vol. 13, nos. 7-8, 1968.
- ### b. ANIMAL INDUSTRY
- OKHOTA I OKHOTNICH'K KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, no. 0, 1968.
- VETERINARIYA [VETERINARY MEDICINE]. Organ of Ministerstvo sel'skogo khozaiatva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 45, no. 5, May 1968.
- Table of contents translated:
- Gulota, A. I. - Karl Marx and problems of the dialectics of the process of cognition. p. 1.
- We will not permit the spread of infectious diseases during the pasture period! p. 4.
- Under the banner of compulsion higher. p. 6.
- Kanyshanskii, I. A. S. - Thoughts of the future. p. 12.
- Tilov, M. A. - In the interests of production. p. 15.
- Stokolov, V. V. - Thank you, doctor. p. 17.
- Krasnikov, G. A. - Electron microscope study of the pathogenesis of experimental foot-and-mouth disease. p. 10.
- Nikitin, E. F., Antolova, - Comparative resistance of the foot-and-mouth disease virus to formalin and hydroxylamine. p. 21.
- Shestogova, M. K. - Phenotypes and serotypes of foot-and-mouth disease. p. 22.
- Huang, van-Hon. - Proteins and glycoproteins in chick blood serum after immunization against Newcastle disease. p. 25.
- Tolstova-Parlinskaya, N. G., and others. - Clinical signs and pathomorphology of complications after foot-and-mouth disease in cattle. p. 27.
- Gushchina, N. I. - Economic evaluation of veterinary measures in the eradication of foot-and-mouth disease. p. 30.
- Dashkalov, G. A. - Economic effectiveness of measures to control foot-and-mouth disease on sheep farms. p. 33.
- Colosov, I. M., and others. - Treatment of animals for necrobacillosis. p. 35.
- Ipatenko, N. G. - Some characteristics of the course of anthrax infection in swine. p. 38.
- Grosheva, O. A., and others. - The role of eggs in the spread of respiratory mycoplasmosis of poultry. p. 41.
- Kosikhina, V. I. - Comparative evaluation of the methods of treatment of coccidiosis in chicks. p. 43.
- Tarala, N. A. - Development of resistance to arsenic by the *Boophilus tick*. p. 46.
- Kabalov, A. D. - Use of hexachloroparaxytole insecticide of swine. p. 47.
- Mai'kul, M. V. - Experience in the sanitation of farms from swine ascaridiasis. p. 47.
- Prokisevich, M. V. - Testing phenothiazine against helminthiasis in turkeys. p. 48.
- Rakhamov, A. M. - Analysis of cases of animal poisoning. p. 50.
- Egoshin, I. S., and others. - Pathomorphological diagnosis of different sheep diseases. p. 51.
- Timchenko, A. D. - Toxic and lethal properties of mazodolone. p. 53.
- Ornatov, G. M., Kozhinov, G. F. - Cases of animal poisoning by tetramethylthiuram disulfide. p. 55.
- Narmatov, R. Sh. - Combined effect of chlorophos and 3-trichloromethylphos on the animal organism. p. 56.
- Abdullayev, Kh. A., Mallov, P. A. - Use of dihydroxyphenyl in the treatment of sheep foot rot. p. 57.
- Smirnov, S. I., Chumak, N. I. - Changes in the ketonemia and ketonuria levels in cows depending on the feed. p. 58.
- Poloz, D. D., Postnikov, V. S., Nuskov, A. I. - Bone dystrophy in cattle. p. 60.
- Stetavina, A. M. - We are raising healthy offspring. p. 61.
- Antonov, B. I. - Use of antimicrobial preparations against dyspepsia in calves. p. 62.
- Maslov, M. V. - Use of diuretics in treating injuries to the abdominal wall in animals. p. 63.
- Matluskov, V. K. - Treatment of abscesses and lymphadenitis in swine. p. 65.
- Kitkevich, N. M. - Importance of hand stripping of crabs after mechanical milking. p. 67.
- Arkhangel'skii, I. I., Oksanin, N. K. - Sensitivity of reagents for the diagnosis of cow mastitis. p. 69.
- Antimov, I. N., and others. - Use of oxytocin against cow mastitis. p. 71.
- Nikitin, V. I. A. - Mastitis in sheep. p. 72.
- Bliznichenko, A. G. - Effect of pituitrin R on the conception rate and fertility of sows. p. 75.
- Oskogov, N. A. - Check-test for the evaluation of feed and management conditions on pregnant sows. p. 76.
- Novikov, F. G., Pakman, S. I., Shkoller, S. D. - High sanitary conditions at dairy farms. p. 78.
- Aleksandrov, V. M. - Treating skin wounds of sheep against fly maggots. p. 83.
- Latkov, F. N. - Disinfection of polar fox cages and dog houses against toxocarosis. p. 84.
- Smirnov, A. M., Chanychev, Z. G. - Compound method of sanitizing bee colonies against foul brood. p. 86.
- Zuganovskii, I. S. - Salmonella carrier state during fasciolosis. p. 90.
- Kheifets, M. A., Zakordones, V. S. - Contamination of dry abomasums of calves with *Salmonella*. p. 92.
- Kozhemiakin, N. G., Ivanov, N. F., Ivanova, V. I. A. - A test to determine the need from animals slaughtered during agony and from dead animals. p. 93.
- Kosonova, I. G. - A rapid method of qualitative determination of peroxides in food and fat. p. 93.
- Pallakov, D. K., Uzakov, U. I. A., Notsetskii, A. M. - Secretion of chlorophos and 3-trichloromethylphos in milk. p. 95.
- Albasov, T. C. - Determination of residual phosphamides in meat and milk. p. 97.
- Genshskii, I. P. - Studies of honey. p. 99.
- Solov'ov, I. S. - Method of detecting aldehydes in fats. p. 100.
- Souko, A. I., and others. - Preparation and control of variant sera to the type O virus of foot-and-mouth disease. p. 101.
- Guliev, M. A., Kuznetsovskii, P. I. - Method of preparation of fluorescent antibodies for the diagnosis of anthrax. p. 103.
- Zhurnev, N. S. - Use of the fluorescent microagglutination method for detecting bacteria organisms. p. 104.
- Rybakova, A. V. - Properties of bacteria obtained from sheep on Kursk Province farms. p. 105.
- Twenty-eighth World Veterinary Congress. p. 108.
- Serov, M. F., and others. - Information and chronicle. p. 110. (DNAL)
- ### c. FORESTRY
- GIRIOS: "Mūsų gamtos" žurnalas mitykintysies prie-
dais [FORESTS: Forestry Supplement to the Periodic
"Our Nature"]. Vilnius, no. 6, 1968. [in Lithuanian]
- LESNAIA NOV' [FORESTRY NEWS]. Issued by TsK Profso-
luzu rabochikh lesnot, bumazhnol i derevobrabaty-
vayushchei promyshlennosti [Central Committee of the
Trade Union of Workers of the Forest, Paper, and
Woodworking Industries]. Moscow, vol. 12, no. 8,
Aug. 1968.
- ### d. PLANT CULTURE
- SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOL-
DAVIY [FRUIT CULTURE, VITICULTURE, AND
WINEMAKING IN MOLDAVIA]. Organ of Ministerstvo
sel'skogo khozaiatva i Ministerstvo pishchevol
promyshlennosti SSSR [Ministry of Agriculture and
the Ministry of the Food Industry of the Moldavian S. S. R.].
Kishinev, vol. 23, no. 8(184), Aug. 1968. (DNAL)
- SELEKTSIA I SEMENOVODSTVO [PLANT BREEDING
AND SEED PRODUCTION]. Issued by Ministerstvo
sel'skogo khozaiatva SSSR [Ministry of Agriculture
of the U.S.S.R.]. Moscow, vol. 33, no. 4, July-
Aug. 1968.
- SEL'SKOE KHOZIAISTVO ZA RIBEZHOM: RASTENIE-
VODSTVO [AGRICULTURE ABROAD: PLANT CUL-
TURE]. Issued by Ministerstvo sel'skogo khozaiatva
SSSR [Ministry of Agriculture of the U.S.S.R.]. Mos-
cow, vol. 14, nos. 6-7, June-July 1968. (DNAL)
- VINODELIE I VINOGRADARSTVO SSSR [WINE MAKING
AND VITICULTURE IN THE U.S.S.R.]. Organ of
Ministerstvo pishchevol promyshlennosti SSSR and
Tsentrálne pravlenie Nauchno-issledovatel'skogo ob-
shchestva pishchevol promyshlennosti [Ministry of
the Food Industry of the U.S.S.R. and the Central
Administration of the Scientific Technological Society
of the Food Industry]. Moscow, vol. 27, no. 5-6(268-
269), 1968.
- ### 16. TECHNOLOGY
- #### a. GENERAL
- GEODEZIYA I KARTOGRAFIYA [GEODESY AND CAR-
TOGRAPHY]. Organ of Glavnoe upravlenie geodezii
i kartografii Gosudarstvennogo geologicheskogo kom-
iteta SSSR [Main Administration of Geodesy and
Cartography of the State Geological Committee of the
U.S.S.R.]. Moscow, no. 4, Apr. 1968.
- Table of contents translated:
- Reshetov, E. A. - Use of engineers between periods
of field activity. p. 9.
- Abramov, V. I. - The T10 theodolite. p. 12.
- Avnen, N. V. - Set of triangulation leveling programs
for the electronic digital computer "Razdan-2." p. 19.
- Solodov, A. I. A. - Effect of the run of an optical micro-
meter on measurements using the technique of
adjustment of circle readings. p. 28.
- Luis, A. F., Red'kov, V. S. - The ZHTh leveling
theodolite. p. 31.
- Lu, G. N., Shreiber, N. V. - A system for evaluating
a signal tower. p. 38.
- Lobov, M. I. - The GAZ-47 cross country tractor
and their performance in the arctic regions. p. 40.
- Sokolova, N. A. - On the basic positions in topographic
surveys to scales 1:5,000 and 1:2,000. p. 42.
- Venin, A. G. - Experience gained in signaling opera-
tions during stereoplotographic surveys to scale
1:25,000. p. 53.
- Klelov, V. V., Ostapuk, E. S. - Utilization of springtime
aerial photographs in the stereoplotographic survey
of a reforested plain to scale 1:25,000. p. 64.
- Rylov, O. A., Mekler, M. M., Peitrov, S. P. -
Atlas depicting the economic and cultural develop-
ment of the U.S.S.R. p. 60.
- Filin, V. N. - Maps and color. p. 73.
- Gerasimova, O. A. - Fourth Seminar on evaluating the
quality of a photographic picture. p. 77.
- INFORMATSHA PO IZOBRETATELSTVU [INFORMATION
ON INVENTIONS] Issued by Gosudarstvennyi komitet
po delam izobretenii i izkrytiy SSSR [State Committee
on Inventions and Discoveries of the U.S.S.R.].
Moscow, no. 6, June 1968; nos. 1-5, 7-12, Jan.-May,
July-Dec. 1968.
- INFORMATSIONNYI UKAZATEL' STANDARTOV [INFOR-
MATION INDEX OF STANDARDS]. Issued by Gosu-
darstvennyi komitet standartov, mer i izmeritel'nykh
priborov SSSR [State Committee of Standards, Meas-
ures, and Measuring Instruments of the U.S.S.R.].
Moscow, vol. 29, no. 7, 1968.
- IRKUTSK, POLITEKHNIЧЕСКИЙ ИНСТИТУТ, Trudy
[POLYTECHNIC INSTITUTE. Transactions]. No. 30,
1968. Geological series.
- Table of contents translated:
- Knyagin, M. K. - Qualitative indications of the plane-
tary tectonic movements of the earth's matter. p. 7.
- Lavrov, M. M. - Lower boundary of the Lower Pre-
Cambrian. p. 13.
- Davydenko, I. U. A. - Boundary of the Zigel'gi series
in the Ural (Southern Ural). p. 24.
- Chagovitin, M. H. - Quaternary volcanoes in the Kolyma
Valley of Asia. p. 34.
- Shelomentseva, L. I. - Probable relics of Archean
sedimentary formations in the southern part of
Lake Baikal region. p. 49.
- Vasil'eva, V. P., Sychev, I. I. - Two stages of
development of the structure of the Mama. Chuya
pegmatite field. p. 52.
- Smolenskii, E. N., Gonchar, G. A., Morozov, A. P. -
Structure of the littoral-Dzunda Massif of Mesozoic
granitoids (Dzunda basin). p. 61.
- Smolenskii, E. N., Shumanskii, A. A., Gonchar,
G. A. - Some characteristics of granitoids of the
Pervomayskii and Gorkinskii Massifs in the
Dzunda basin. p. 75.
- Zaitutskii, V. V. - Konkudera-Mamakan plutonic series
of the Baikai-Paim Plateau and the problem of the

- genesis of the alkali rocks. p. 84.
- Zakajskij, V. V., Kudrin, S. N. - Some remarks on the composition of the Kilekka center (eastern Transbaikalia). p. 103.
- Ushakov, M. S., Korotkiy, V. V. - Eastern Sayan iron ore region of Irkutsk Province. p. 102.
- Korotkiy, V. V. - Mineralogical composition of kaolinite argillites in the Gynyl'skoye deposit of Irkutsk Province. p. 117.
- Znamenskiy, V. N. - Find of metallic mercury in a pine tree. p. 124.
- Usol'tsev, M. K. - Multicolored spherulites of the Baidarynsky complex metal deposit. p. 132.
- Bumazhkin, I. U. A., Lisel'tsarev, I. L. - Geology and copper-sulfide ore manifestations of the Urik-Oroi interflow in the region of the Eastern Sayan Mountains. p. 136.
- Chesnokov, M. D. - Zonalization of the pyroclastic mineralization of the Baidarynsky complex metal deposit in the northeastern Kolyva Valley. p. 149.
- Zagorskij, V. A., Shumakov, A. A., Aslanov, A. A. - Use of the pill suspension of ore quartz for the separation of different stages in mineral formation. p. 145.
- Sitov, M. A. - Origin of bauxite of the "Central" complex metal deposit in eastern Transbaikalia. p. 147.
- Ivanovskiy, P. B. - Role of the complex metal deposits of the Argun Valley (eastern Transbaikalia). p. 155.
- Ryzhenko, V. B. - Hydrogeology and water supply of the Kolyva mine (eastern Transbaikalia). p. 158.
- Vakhromeev, G. S. - Geochemical methods of prospecting for rare metal carbonates. p. 177.
- Moskvin, G. V., Korotkiy, V. V. - Calculations of reserve by the arithmetic mean method. p. 184.
- Dzhanov, G. A., Sitov, V. V. - Evaluation of prospecting results by the method of spacing. p. 189.
- Smirnov, V. V. - Using correlation analysis in the evaluation of the quality of high-clay argillites of the Gynyl'skoye deposit. p. 197.
- Shumakov, A. A., Zagorskij, V. A. - Practice in using values of geochemical elements in mineral deposit prospecting. p. 200.
- Bumazhkin, I. U. A., Baranov, O. V. - Using multivariate surveying in one of the ore manifestations in the Eastern Sayan Mountains. p. 204.
- Ivanovskiy, P. B. - Using correlation prospecting for complex metal ores rich in electric prospecting methods using direct current and possible ways for their elimination. p. 211.
- Ivanovskiy, P. B., Baranov, O. V. - Possibilities of some complicated installations for electric prospecting based on data of laboratory studies. p. 220.
- Buzarov, I. D. - Comparative analysis of the reliability of core and groove samples. p. 227.
- Dubov, I. B., Zuev, I. A. - Study of selective grinding of the ore core in the hole. p. 232.
- Bulshakov, I. F. - Amount of rock drilled from a mine in one period. p. 238.
- Sazonov, V. E. - Characteristics of azimuthal and zenith deflection of boreholes made by shot drilling in one of the deposits in Transbaikalia. p. 245.
- Belshakova, A. F. - Core drilling with reverse circulation near the working face. p. 257.
- Blazhkov, A. A. - Flushing boreholes in drilling in frozen ground. p. 266.
- Rafilenko, E. L. - Methodology and results of a study of cement mixtures depending on the temperature of the absorption zone and the time length of cement storage. p. 275.
- Polyakov, V. V. - Method of sampling from drill pipes. p. 281.
- Kulbin, S. N. - Field methods for the determination of carbonate rocks. p. 287.
- Nekhendzi, E. Yu., Tishenko, N. G. - Rule for thermal composition of tensometric converters using constantan wire. p. 44.
- Samolov, N. I. A. - Construction of parallel voltage dividers. p. 46.
- Prokurov, A. V. - Factors limiting the sensitivity and accuracy of small current measuring devices with dynamic condensers. p. 50.
- Rykov, M. A., Iubarskaya, A. M. - Experimental determination of the phase errors of high accuracy voltmeters. p. 52.
- Druzhina, A. I. A. - Protection of the base circuit of a transistor from overvoltages in the d.c. amplifier of a transistor high-voltage stabilizer. p. 55.
- Pepov, I. N. - Formulas for determining the root of inertial measuring instruments. p. 56.
- Chernysheva, V. V., Popov, V. S. - Errors of gas-filled heat converters on infrared frequencies. p. 60.
- Timofeeva, Z. A., Zhornitskaya, L. B. - Calculation of permissible currents in the traces of measuring devices. p. 63.
- Lubensov, V. F. - Accuracy of the retention of the frequency of oscillations using a group of generators. p. 66.
- Shorikov, E. A. - Accurate root taking device for the automatic measurement of expenditures. p. 71.
- Replies to the inquiries of our readers. p. 73.
- Shirokov, K. P. - Session of technological committee No. 13 and of its subcommittee of the International Electrical Engineering Commission "Measuring Instruments." p. 74.
- Dorus, P. S. - Pneumatic gauges for checking the non-circularity of openings. p. 75.
- Kulakov, A. I., Serebrenova, V. A. - Study of micro-oscillations in a system of and seals of hydraulic turbine and generator units. p. 76.
- Dolotov, B. E., Sitov, V. E. - Device for checking the faceting and ripple of ball bearing balls. p. 78.
- Kogan, P. A., Iakushin, A. N. - Contactless magneto-electric converter of rotations. p. 78.
- Bukov, E. I. A., Izraelovich, L. A. - Device for determining pressure, compaction, and expansion of a casting mixture. p. 80.
- Frol'gihin, M. I., Fundator, I. U. V. - Use of air pressure stabilizers for operation with other gases. p. 81.
- Milashkovich, A. P. - Device for cleaning pulsed samples of flowmeters. p. 82.
- Valov, A. I. - Improvement of a device for determining the efficiency of semiconductor thermocouples. p. 83.
- Al'bikov, Z. A., Vorob'ev, V. V., Shvalov, R. S. - Converter of time to amplitude. p. 85.
- Erlum, F. S. - Magnetization of inductance with hyperfine magnets. p. 86.
- Lomov, G. D., Frolov, M. N. - Optimal relationship of the masses of the moving parts of electric measuring devices with inductance. p. 87.
- Alekseev, A. I., Fal'kovich, S. E. - Measurement of transmission and noise coefficients of microwave crystal converters. p. 88.
- Oltchagin, V. P. - Time marker for portable magneto-electric oscillographs. p. 90.
- Drozhbhi, I. U. A., and others. - Method for measuring inertial characteristics of semiconductor insulators. p. 92.
- Lur'ko, I. U. A., Rozanov, N. A. - Device for measuring the capacitance of varactor diodes at liquid nitrogen and helium temperatures. p. 93.
- Udakov, V. F. - Measurement of magnetic anisotropy along the normal to the plane of a film. p. 94.
- allive rectifier. p. 42.
- Lavrov, M. D. - Conversion coefficient of a dynamic capacitor during electrolysis of low d. c. voltage. p. 44.
- Belen'kiy, N. I. - Calculation of the transmission band of the comparator of a digital voltmeter. p. 46.
- Balanov, A. T., Krasitskiy, G. P., Seleznev, I. I. - Calculation of thermal compensation of Hall transducers based on thin film and amorphous films. p. 48.
- Sherelev, P. N. - Determination of dynamic parameters of electromechanical devices. p. 51.
- Mikhlin, M. S. - Method for measuring "residual" parameters of thin resistors. p. 54.
- Densov, I. U. N., Ivashekovich, S. A. - Nuclear magnetometers with remote control. p. 59.
- Sepoly, V. N., Zingerman, V. I., Iagoda, G. R. - Errors of functional relationship (R) for the demagnetization curves of magnetically hard materials. p. 58.
- Khuklov, M. A., and others. - Measurement of the magnetic parameters of magnetic circuits with air gaps. p. 61.
- Rivkin, A. S. - Application of information theory concepts to problems in measuring technique. p. 63.
- Fahnerman, I. D. - Problems of accuracy in metrology. p. 65.
- Voskresenskiy, V. N. - System for registration and collection of information on qualitative conditions and operational reliability of test measuring instruments. p. 67.
- Solov'ev, V. N. - Control tests as an effective means for increasing the quality of measuring instruments. p. 70.
- Ivanovich, B. I. A. - Measurement of small currents. p. 72.
- Chernikov, I. A., Shvalov, R. S. - Method for testing inter parts using inductance. p. 76.
- Iakir, R. V., Shvalov, A. I. - Depth and length gauges for determining the length of centers of rectangular inductors. p. 77.
- In the Committee of Standards, Measures and Measuring Instruments of the Council of Ministers of the U. S. S. R. p. 79.
- Ishimov, A. I. - Fifth Scientific and Technical Conference on Interchangeability Production and Control Methods in Machinery Construction. p. 79.
- Korotkiy, V. V. - Needs of a factory laboratory. p. 81.
- Itov, P. A., Bolodtsov, B. N. - Use of the international system of units. p. 81.
- Rubchikov, N. A. - Compensation method for the measurement of coefficients of signal expansion by orthogonal functions. p. 82.
- Radechik, A. S., Shadrin, E. M., Plachukovskiy, I. A. - Form of the freight platform in intercity scales for weighing moving automobiles. p. 83.
- Kashinov, R. - Device for measuring the force of rotation of shafts. p. 84.
- Potterakhin, A. G. - Testing the voltage level of transformers. p. 85.
- Cherkashin, I. U. B. - Construction of a stabilizer for the measurement of pulse currents and high frequency currents. p. 86.
- Iakov, I. U. B., Iapinskiy, V. V., Alekseev, I. V. - Check of pulse pressure and position of pulses in time. p. 87.
- Onatichenko, E. V. - Measurement of the characteristics of ferrite cores in induction parameters. p. 89.
- Semenikhin, I. M. - Improved design of transformers. p. 90.
- Artyukov, A. A., Tsapenko, M. P. - Tensometric differential circuits using current transformers. p. 91.
- Shirshov, K. A. - Transistorized d. c. amplifier. p. 92.
- Panov, V. V. - Scheme for temperature stabilization of wave guides. p. 94.
- Al'ko, V. I. - Protection of thin semiconductors from anhydrous. p. 95.
- Kantim, M. I., Topchashvili, M. I. - Determination of electrical homogeneity of conductive plastics. p. 96.
- IZMERITEL'NAYA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Gosudarstvennyy komitet standartov, mer i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U. S. S. R.]. Moscow, no. 11, Nov. 1966.
- Table of contents translated:
- Novikov, I. I. - State service for standard reference data on properties of substances and materials. p. 3.
- Barash, V. I. A. - Interference methods for calibrating vibration measuring equipment. p. 7.
- Shavlich, A. B., Danilevskaya, V. V., Kazarinova, T. A. - Metrological aspects of industrial analytical control. p. 11.
- Iudin, M. F. - Equivalent dosage and units for its measurement. p. 15.
- Kofrin, Markus, I. D., and others. - Measure units used in the dosimetry of ionizing radiation and in the provision of radiation protection. p. 18.
- Isaev, B. M., Bregadze, D. I., Korshikov, A. V. - Units of roentgen equivalent and equivalent rad. p. 20.
- Zemel'man, M. A. - Errors of measuring equipment. p. 22.
- Novitskiy, P. V., Ivanova, V. I. A., Kondrashkova, G. A. - Use of the entropy value of error as an accuracy criterion on instruments and measurements. p. 28.
- Ivanov, A. I. - Measurement of a thread with a large rise angle. p. 32.
- Voldenov, A. P., Smirnova, N. A., Feoktislav, V. T. - TVM-200 automatic thermal mass measuring scales. p. 35.
- Novikov, I. I., Borzjak, A. N. - Experimental study of incoming-rotational flow of a viscous noncompressible liquid in a cylindrical pipe. p. 38.
- Kargu, L. I. - Compensational method for measuring low torque frictions. p. 41.
- Nekhendzi, E. Yu., Tishenko, N. G. - Rule for thermal composition of tensometric converters using constantan wire. p. 44.
- Samolov, N. I. A. - Construction of parallel voltage dividers. p. 46.
- Prokurov, A. V. - Factors limiting the sensitivity and accuracy of small current measuring devices with dynamic condensers. p. 50.
- Rykov, M. A., Iubarskaya, A. M. - Experimental determination of the phase errors of high accuracy voltmeters. p. 52.
- Druzhina, A. I. A. - Protection of the base circuit of a transistor from overvoltages in the d.c. amplifier of a transistor high-voltage stabilizer. p. 55.
- Pepov, I. N. - Formulas for determining the root of inertial measuring instruments. p. 56.
- Chernysheva, V. V., Popov, V. S. - Errors of gas-filled heat converters on infrared frequencies. p. 60.
- Timofeeva, Z. A., Zhornitskaya, L. B. - Calculation of permissible currents in the traces of measuring devices. p. 63.
- Lubensov, V. F. - Accuracy of the retention of the frequency of oscillations using a group of generators. p. 66.
- Shorikov, E. A. - Accurate root taking device for the automatic measurement of expenditures. p. 71.
- Replies to the inquiries of our readers. p. 73.
- Shirokov, K. P. - Session of technological committee No. 13 and of its subcommittee of the International Electrical Engineering Commission "Measuring Instruments." p. 74.
- Dorus, P. S. - Pneumatic gauges for checking the non-circularity of openings. p. 75.
- Kulakov, A. I., Serebrenova, V. A. - Study of micro-oscillations in a system of and seals of hydraulic turbine and generator units. p. 76.
- Dolotov, B. E., Sitov, V. E. - Device for checking the faceting and ripple of ball bearing balls. p. 78.
- Kogan, P. A., Iakushin, A. N. - Contactless magneto-electric converter of rotations. p. 78.
- Bukov, E. I. A., Izraelovich, L. A. - Device for determining pressure, compaction, and expansion of a casting mixture. p. 80.
- Frol'gihin, M. I., Fundator, I. U. V. - Use of air pressure stabilizers for operation with other gases. p. 81.
- Milashkovich, A. P. - Device for cleaning pulsed samples of flowmeters. p. 82.
- Valov, A. I. - Improvement of a device for determining the efficiency of semiconductor thermocouples. p. 83.
- Al'bikov, Z. A., Vorob'ev, V. V., Shvalov, R. S. - Converter of time to amplitude. p. 85.
- Erlum, F. S. - Magnetization of inductance with hyperfine magnets. p. 86.
- Lomov, G. D., Frolov, M. N. - Optimal relationship of the masses of the moving parts of electric measuring devices with inductance. p. 87.
- Alekseev, A. I., Fal'kovich, S. E. - Measurement of transmission and noise coefficients of microwave crystal converters. p. 88.
- Oltchagin, V. P. - Time marker for portable magneto-electric oscillographs. p. 90.
- Drozhbhi, I. U. A., and others. - Method for measuring inertial characteristics of semiconductor insulators. p. 92.
- Lur'ko, I. U. A., Rozanov, N. A. - Device for measuring the capacitance of varactor diodes at liquid nitrogen and helium temperatures. p. 93.
- Udakov, V. F. - Measurement of magnetic anisotropy along the normal to the plane of a film. p. 94.
- No. 2, Feb. 1968.
- Table of contents translated:
- All-Union Conference on Standardization and Production Quality. p. 3.
- Approval of the official standard on unit length in the U. S. S. R. p. 6.
- Volosin, A. P., Terentov, V. I. - For higher quality of electronic measuring devices. p. 7.
- Borov, V. M., Ilukovich, A. M. - Low d. c. integrators. p. 8.
- Itabovich, S. G. - Calculation of errors of measuring devices. p. 15.
- Rozov, I. U. L., Chelapov, I. B. - Interpolation error of a random function according to discrete data. p. 18.
- Saryp, L. I. - Errors of examining and measuring projectors. p. 20.
- Shibskiy, L. M., Shin, V. - New precision method for measuring dimensions and microshifts. p. 25.
- Trofimov, N. V. - Mechanisms of line shifts. p. 27.
- Shcherbina, D. M. - Device for determining spectral reflection coefficients. p. 29.
- Azlov, A. M. - Probability analysis of the dynamic characteristics of heat receivers. p. 31.
- Vesolozhskiy, L. A. - Electrometric amplifiers with logarithmic characteristics. p. 34.
- Os'mulin, A. A. - Conversion of the frequency of periodic signals using thin reluctance networks. p. 38.
- Datov, G. M., Romoshtan, V. S. - Linear code-frequency pulse converter. p. 41.
- Virabian, L. M. - Conversion errors of a phase-sensitive rectifier. p. 42.
- Lavrov, M. D. - Conversion coefficient of a dynamic capacitor during electrolysis of low d. c. voltage. p. 44.
- Belen'kiy, N. I. - Calculation of the transmission band of the comparator of a digital voltmeter. p. 46.
- Balanov, A. T., Krasitskiy, G. P., Seleznev, I. I. - Calculation of thermal compensation of Hall transducers based on thin film and amorphous films. p. 48.
- Sherelev, P. N. - Determination of dynamic parameters of electromechanical devices. p. 51.
- Mikhlin, M. S. - Method for measuring "residual" parameters of thin resistors. p. 54.
- Densov, I. U. N., Ivashekovich, S. A. - Nuclear magnetometers with remote control. p. 59.
- Sepoly, V. N., Zingerman, V. I., Iagoda, G. R. - Errors of functional relationship (R) for the demagnetization curves of magnetically hard materials. p. 58.
- Khuklov, M. A., and others. - Measurement of the magnetic parameters of magnetic circuits with air gaps. p. 61.
- Rivkin, A. S. - Application of information theory concepts to problems in measuring technique. p. 63.
- Fahnerman, I. D. - Problems of accuracy in metrology. p. 65.
- Voskresenskiy, V. N. - System for registration and collection of information on qualitative conditions and operational reliability of test measuring instruments. p. 67.
- Solov'ev, V. N. - Control tests as an effective means for increasing the quality of measuring instruments. p. 70.
- Ivanovich, B. I. A. - Measurement of small currents. p. 72.
- Chernikov, I. A., Shvalov, R. S. - Method for testing inter parts using inductance. p. 76.
- Iakir, R. V., Shvalov, A. I. - Depth and length gauges for determining the length of centers of rectangular inductors. p. 77.
- In the Committee of Standards, Measures and Measuring Instruments of the Council of Ministers of the U. S. S. R. p. 79.
- Ishimov, A. I. - Fifth Scientific and Technical Conference on Interchangeability Production and Control Methods in Machinery Construction. p. 79.
- Korotkiy, V. V. - Needs of a factory laboratory. p. 81.
- Itov, P. A., Bolodtsov, B. N. - Use of the international system of units. p. 81.
- Rubchikov, N. A. - Compensation method for the measurement of coefficients of signal expansion by orthogonal functions. p. 82.
- Radechik, A. S., Shadrin, E. M., Plachukovskiy, I. A. - Form of the freight platform in intercity scales for weighing moving automobiles. p. 83.
- Kashinov, R. - Device for measuring the force of rotation of shafts. p. 84.
- Potterakhin, A. G. - Testing the voltage level of transformers. p. 85.
- Cherkashin, I. U. B. - Construction of a stabilizer for the measurement of pulse currents and high frequency currents. p. 86.
- Iakov, I. U. B., Iapinskiy, V. V., Alekseev, I. V. - Check of pulse pressure and position of pulses in time. p. 87.
- Onatichenko, E. V. - Measurement of the characteristics of ferrite cores in induction parameters. p. 89.
- Semenikhin, I. M. - Improved design of transformers. p. 90.
- Artyukov, A. A., Tsapenko, M. P. - Tensometric differential circuits using current transformers. p. 91.
- Shirshov, K. A. - Transistorized d. c. amplifier. p. 92.
- Panov, V. V. - Scheme for temperature stabilization of wave guides. p. 94.
- Al'ko, V. I. - Protection of thin semiconductors from anhydrous. p. 95.
- Kantim, M. I., Topchashvili, M. I. - Determination of electrical homogeneity of conductive plastics. p. 96.
- IZOBRETIENIA, PROMYSHLENNYE OBNATZTSY, TOVARNYE ZNAKI INVENTIONS, INDUSTRIAL SAMPLES, TRADEMARKS. Issued by Komitet po delam izobretenii i otkryiti pri Soveto Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 45, nos. 23-26, 1968.
- MUNICH, UKRAINS'KYI TEKHNIICHNO-HOSPODAR'SKYI INSTITUT. Naukovy zapysky [UKRAINIAN TECHNICAL INSTITUTE. Studies]. No. 13(5), 1967

NAUCHNO-TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ. Серия 1: Организационно-методическая информация (Scientific and Technical Information. Series 1: Organization and Methodology of Information Work). Issued by Vsesoyuznyy Institut Nauchnoy i Tekhnicheskoy Informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 5, 1968.

Table of contents translated:
 Shchegolev, D. E. - A criterion for the determination of information requirements, p. 3.
 Tcheremisin, R. P. - Informational value of patent documents, p. 8.
 Gurev, I. S., Solov'ev, V. I. - Quantitative criteria for the evaluation of abstracts, p. 12.
 Blagov, V. S. - Periodicals as an important form of elementary information in radioelectronics, p. 17.
 Smolov, L. - Some problems in the organization of information services in the field of archival work and the study of documents, p. 19.
 Fedotov, V. T., Shtromova, G. M. - The use of marginal-note punched cards in the bibliographical and cataloging of the Research Institute of Radio-Physics, p. 20.
 Terapontov, N. M. - A conference and seminar at the personnel of information services for the several branches of shipbuilding, p. 22.
 A calendar of international and national conferences, meetings, and seminars in the field of scientific information, bibliography, and library science, held in 1967, p. 23.

NAUCHNO-TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ. Серия 2: Информационные процессы и системы (Scientific and Technical Information. Series 2: Information Processes and Systems). Issued by Vsesoyuznyy Institut Nauchnoy i Tekhnicheskoy Informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 6, 1968.

Table of contents translated:
 Franklin, R. M., Vasilevich, A. P., Matkovskii, M. S. - Identification of decoding units in the visual recognition of the elements of a text, p. 3.
 Gerasim, A. I. - General methods in the composition of thesauri, p. 9.
 Gerasimov, N. K., Morozov, M. N. - "Seagaling vessels of the U.S.S.R. and their air conditioning systems," an information storage and retrieval system attained by superposed punched cards, p. 23.
 Prutnikov, I. S. - Retrieval of information on the scientific and technological achievements of Japan, p. 35.
 Smirnov, L. P. - An analysis of trends in and the prognostication of scientific and technological progress, p. 37.

NOVYE KNIGI ZA RUKZHIOM. Серия B: Tekhnika (NEW FOREIGN BOOKS. Series B: Technology). Published by Izdatel'stvo Inostrannoy Literatury [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 3, Aug. 1968.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA]. Issued by Sovet narodnogo khozaystva Armianskoi SSR [Economic Council of the Armenian S.S.R.]. Yerevan, vol. 10, no. 7, 1968.

Table of contents translated:
 Alikhanian, A. - Arus, the Armenian accelerator, p. 3.
 Morkova, A., Anisimov, A. - Voskresek Chemical Combine, p. 7.
 Galibian, S. - "Autograph" of a brandy-production specialist, p. 9.
 Mirmamant, Kh. - The cities should have clean air, p. 11.
 Sagrallian, A. - Contemporary trends in flotation technology of sulfide copper molybdenum ores, p. 13.
 Asvatyan, Zh., Ter-Karapetian, A., Kalashian, I. - The Antiponce stone is a raw material for the production of porous materials, p. 15.
 Kozin, V., Saakian, M. - Investigating the irregularity originating in drawing in the forward zone of a two-belt drawing device of the spinning frame, p. 17.
 Avanesian, V. - The flow of fluid in pipelines with changes in the flow rate along the way, p. 20.
 Miranjanian, B., Nkogosian, G. - Jet generators, p. 21.
 Shrelior, A., Miskarov, K., Silarov, G. - Determining protective properties of cast stone at cobalt isotopic gamma units, p. 24.
 Shakhazarian, A., Sharin, A., Abalian, N. - Corrosion testing of a number of polymers, p. 27.
 Dural, S. - Chemically resistant Nairit rubbers, p. 29.
 Oganessian, L., Khalilian, A. - Alluvial dispersions of the Kafan ore field, p. 31.
 Ovanosova, I., Eliazian, A. - Cellular glass made from tailings of the Kadzharan Copper Molybdenum Combine, p. 33.
 Martirosian, L. - Methods of reducing the effect of dynamic phenomena in rotary grinding, p. 35.
 Sarkisian, E. - Chilling trenches and working benches in the Agarik open-cut mine, p. 36.
 Khizantian, S., Sardarian, A. - Drying of fruit and

grapes, p. 38.
 Zurnachian, M., Osipova, T. - Reclamation of residual molybdenum and copper from tailings with concurrent manufacture of Portland cement, p. 41.
 Markarian, M., Sarkisian, S. - Increasing the reliability of large electric motors, p. 44.
 Tsaturian, K., Lep'ian, M. - A promising branch of the light industry, p. 46.
 Grigorian, E. - The basis of a high yield is an optimum production plan, p. 47.
 Lalolian, V. - On production cost in the furniture industry, p. 49.
 Shantlian, F., Rudneva, A. - Prospects of exploiting the ores of the Tandzi deposit, p. 50.
 Davtian, G. - Advantages and deficiencies, p. 52.
 Karanian, K., Anisimov, L., Kagramanian, T. - Heat conductivity of filters made of volcanic slag, perlites and pumice stone of Armenia, p. 55.
 Avakov, A., Ivchenko, N. - Investigating fine printing of 4000 stier, p. 58.
 Paganian, M. - Generalized equations for electric measurement circuits of balance, p. 61.
 Avakian, V. - Improving the structure of working surfaces of iron castings and increasing their wear resistance, p. 63.
 Koshinian, G., Argushian, D. - Propionic acid recovered in liquid-phase oxidation of casing-head gasoline, p. 64.
 Galilian, G., Davidian, D. - Glass insulators on power transmission lines in the mountains, p. 65.
 Papazian, E. - Cutters for rotary drilling of burcholes and slim holes, p. 66.
 Zhilin, V. - Electric spark machine for broaching holes, p. 67.
 Kamalian, G. - The use of plant tops prevents losses of alkali, p. 69.
 News from plants, factories and construction sites, p. 70.
 Tumanian, T. - Scientific technical societies in the instruments industry of Armenia, p. 72.
 On the merits of science and technology, p. 73.
 Komarov, V. - Physics and philosophy, p. 73.
 Zigelman, G., and others. - An electrocardiogram over the telephone, p. 77.
 The legging of the plant should be eliminated, p. 78.
 Carbon glass, p. 81.

PROMYSHLENNOST' BELORUSSII [INDUSTRY OF WHITE RUSSIA]. Issued by Gosudarstvennyi planovoi komitet Soveta Ministrov BSSR and Vsesoyuznyy respublikanskiy sovet NTO [State Planning Committee of the Council of Ministers of the White Russian S.S.R. and the Supreme Republic Council of the Scientific Technological Society]. Minsk, vol. 9, no. 6, 1967, June 1968.

Table of contents translated:
 Bronch, P. M. - Scientific and technical progress is the main prerequisite for an efficient production, p. 1.
 Krutikina, I. T. - Reconstruction of industry in White Russia, p. 3.
 Chernichenova, M. L. - How turnover funds are being used, p. 5.
 Druva, I. G. - Economic efficiency resulting from increased reliability of automated equipment, p. 6.
 Melnikov, A. F. - Industry which clothes and shoes, p. 8.
 Kravchenko, L. I. - Direct connections of industry and trade, p. 9.
 Rudnitskaya, M. A. - Combined method in sewing shops, p. 11.
 Sirazhev, V. I. - Method of analysis in the fulfillment of profit plan, p. 12.
 Butenko, O. V. - Problems of improving the accounting of production outlays, p. 13.
 Makarskiy, I. U. - Unused working time potential and the five-day workweek, p. 14.
 Braginskii, M. I. - Economic agreement under new conditions, p. 16.
 Ultrasonics and the scientific and technical progress, p. 18.
 Kononov, E. G., Vinogradov, I. U., Germanovich, I. K. - Application of ultrasonic waves in the process of impregnating capillary-porous materials, p. 18.
 Shil'chev, A. S. - Ultrasonic waves improve the quality and properties of steels, p. 21.
 Timoshenko, I. A., and others. - Galvanizing parts with the help of ultrasonic waves, p. 23.
 Troian, F. D. - Ultrasonic flowmeter, p. 25.
 Cherkizhevskii, L. S. - Ultrasonic small-power installations, p. 27.
 Efremov, V. I., Gorskii, F. K. - Method of measuring the hardness of materials in the ultrasonic field, p. 29.
 Milov, A. M., Riabov, I. A. - Cleaning parts from rust and scale with the help of ultrasonic waves, p. 31.
 Kabei'skii, I. M., Bogdanov, L. S. - Electric pulse pressing in powder metallurgy, p. 33.
 Voloskov, V. E., and others. - Recycling the technology of remelting the wastes of high-alloy steels, p. 36.
 Braverman, B. I., Repin, E. V., Bakunovich, N. V. - Determining ammonium sulfate in a copper electrolyte, p. 37.

Pereplechikov, E. G. - Utilization of steam of second boiling-up, p. 38.
 Lelushits, I. L., and others. - Rotary regenerative air preheater, p. 39.
 Kulakov, G. T. - Automatic magnetic gas analyzers for oxygen, p. 40.
 Dushkevich, T. N. - Fruit juices made out of cranberries, ashberries and red bilberries, p. 41.
 Belokur'skaya, M. A. - New recipes for confectionery, p. 42.
 Solodukhin, L. S., Kasper, V. I. - Installation for drying moist polymer materials, p. 43.
 Kopechikov, B. I., Korotkii, V. G. - Effect of the triphenylphenylmethane thermal stabilizer on some physicochemical properties of plastics, p. 44.
 Kapralova, E. F. - Chemistry in the manufacturing of leather, p. 45.
 Savaleev, F. G. - Nitrogen fertilizer plant works for the five-year plan, p. 46.
 Dytkheich, N. I. - High-speed clamping mechanism, p. 47.
 Ageev, I. F. - By the plastic deformation method, p. 47.
 Durgachev, V. V. - Reconstruction of the needle-holder, p. 48.
 Limanovskii, Ch. M. - It has been suggested by shipbuilders, p. 50.
 Polchizheva, K. Z. - Millions of rubles have been saved, p. 51.
 Dobryn, M. I. - Volunteer constructors, p. 52.
 Zatais, A. F. - Justified trust, p. 53.
 Koshikovskii, S. S., Kovalev, I. D. - Operative control in internal grinding of parts, p. 56.
 Brech, M. P. - Mathematical modeling of the IELAZ-540 motor vehicle transmission, p. 58.
 Adamov, V. M. - Heat condition of some parts in the D-50 engine, p. 60.
 Lelachev, A. P., Anisimov, V. P. - Sintering of iron-graphite compositions in endogas atmosphere, p. 61.

REFERATIVNYI ZHURNAL: METROLOGIYA I IZMERNITEL'NAYA TEKHNIKA (Odnol'nyi vypusk 32) [JOURNAL OF ABSTRACTS: MEASUREMENT AND MEASUREMENT TECHNIQUES (Separate Issue 32)]. Issued by Institut Nauchnoy Informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-9, Aug.-Sep. 1968.

REFERATIVNYI ZHURNAL: NAUCHNAYA I TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ (Odnol'nyi vypusk 69) [JOURNAL OF ABSTRACTS: SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 69)]. Issued by Institut Nauchnoy Informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1968.

TEKHNIЧЕСКАЯ ЭСТЕТИКА [INDUSTRIAL AESTHETICS]. Issued by Vsesoyuznyy nauchno-issledovatel'skii institut tekhnicheskoi estetiki [All-Union Scientific Research Institute of Industrial Aesthetics]. Moscow, vol. 5, no. 3, Mar. 1968.

Table of contents translated:
 Technology and artistic creation in the modern world, p. 1.
 Dorogov, A. - Technology, art, and design, p. 2.
 Anisimov, G. - Design of aircraft and beauty, p. 5.
 Smolagin, G. - Art and technology, p. 6.
 Golomshok, I. - Modern design as a historic form of integration of art and technology, p. 14.
 Flerov, A. - Scientific basis for industrial design education, p. 20.
 Mardor, A. - Aesthetic evaluation of the object-and-space medium, p. 22.
 Exhibition of industrial design in Ljubljana, p. 26.
 Zagorskii, F. - From the history of technological aesthetics in Russia, p. 27.
 Dufin, B., Kuchinskaya, G. - Centralized informational materials on technological aesthetics and industrial design by branches, p. 31.

TEHNIIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION]. Issued by Eesti NSV Riikliku Teadusliku Tehnilise Komitee ja Eesti NSV Ametliku Teadusliku Komitee [State Scientific Technological Committee of the Council of Ministers of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 12, nos. 7, 8, July, Sep. 1968. [In Estonian]

TEHNIIKA JA MOLODEZH [TECHNOLOGY FOR YOUTH]. Issued by Tsentral'nyi komitet Vsesoyuznogo leninskogo kommunal'nogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 36, no. 9, 1968.

VOPOSY IZOBRETEL'STVA [PROBLEMS OF INVENTION]. Issued by Tsertral'nyi nauchno-issledovatel'skii institut informatsii i tekhniko-ekonomicheskikh issledovaniy [Central Scientific Research Institute of Patent Information and Technical Economic Studies], Moscow, no. 1, Jan. 1968.

- Table of contents translated:
- Tsaregorodtsev, V. E. - Protection of patent rights to inventions is an important state mission. p. 1.
- El'mov, E. N. - Organizational and legal problems of inventing in scientific and higher educational institutions. p. 7.
- Kuzhina, E. A. - Legal protection of scientific discoveries. p. 11.
- Bakastov, V. N. - The forms of the novelty of the subject of invention. p. 19.
- Mamfola, I. E. - The problem of protecting algorithms and computer programs in the foreign patent law. p. 25.
- Konov, S. I., Dedukov, R. N. - New regulations on the examining of patent applications. p. 31.
- Pluzhnik, A. I. - Early Russian legislation on the protection of inventions; end of the 18th and beginning of the 19th century. p. 36.
- Vasil'ev, V. D. - Methods of qualitative transformation of patent information. p. 41.
- Surgeev, V. M. - Compiling applications for industrial designs in the instrument industry. p. 47.
- Tseretich, B. V. - Yugoslav's trade in license. p. 49.
- Lebedeva, L. A. - Some aspects of foreign patent policy of the United States. p. 50.
- Chepchevskii, A. M. - The patent case of the century. p. 53.

No. 2, Feb. 1968.

- Table of contents translated:
- Tomachinskii, V. E. - Import of licenses should serve the cause of technical progress. p. 3.
- Bakastov, V. - The forms of the novelty of the subjects of invention. p. 8.
- Chikhachev, N. A. - On the problem of the unity of invention. p. 13.
- Doguslavskii, M. M. - The imperialist state and inventions made by state employees. p. 18.
- Cherova, L. V. - Peculiarities in compiling applications for the methods of obtaining chemical compounds. p. 24.
- Dorotsov, V. A. - Legal regulations concerning the payment for inventions in the U. S. S. R. in the twenties. p. 28.
- Leichik, V. M. - Elements and functions of a bibliographical description of patent documentation. p. 35.
- Isarov, L. A., Shapira, B. - Experience in establishing and using a firm index file. p. 40.
- Ivanov, I. D. - Technical cooperation agreements in the practice of the socialist countries of Eastern Europe. p. 43.
- Shipkin, V. S. - Patenting by foreign firms of their developments in full. p. 49.
- Legal acts. p. 52.

2A TEKHNIЧЕСКИ ПРОГРЕСС [FOR TECHNOLOGICAL PROGRESS]. Organ of Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po kontrol'nyi nauchno-issledovatel'skikh rabot i Sovet narodnogo khozaystva Azerbaidzhanskoi SSR [State Committee of the Council of Ministers of the Azerbaijan S.S.R. for the Coordination of Research and the Economic Council of the Azerbaijan S.S.R.], Baku, vol. 5, no. 7(65), July 1965.

- Table of contents translated:
- Guseinov, M. G., Burgninli, Sh. D., Krivogheov, V. P. - Using methods of statistical dynamics for determining dynamic characteristics of an extractor in the production of isobutylene. p. 1.
- Kullov, I. Sh. - Method for telecontrolling the performance of KVG-5 and I-KVG-5 compressors. p. 4.
- Ganinov, D. A. - Equipment of luminescence diffusion logging. p. 6.
- Abdullayev, A. A. - Determining the necessary frequency and duration of the measurements of oil well output. p. 8.
- Musafazade, M. A., Dron, L. Z., Casanov, A. S. - Most advantageous variant of the transportation of stone blocks from the Karadag stone quarry to the building areas of the Baku Main Construction Administration. p. 11.
- Ibragimov, I. E., Marlin, Z. S. - Solution of the problems of mathematical programming using electronic structural models. p. 13.
- Alkhaverdov, F. M., Vigdorov, D. I., Fridman, M. E. - Subsurface device for studying impulse characteristics of a communication channel of the current supply of an electric drill. p. 18.
- Kagramanlin, A. L. - Progressive technology for making coils. p. 21.
- Agayev, N. M. - Quality and efficiency of the threading of pipes for the petroleum industry using the 9V143-type ply-threading machine. p. 22.
- Usay-Zado, A. A., Gylmanov, A. A., Balramov, E. M. - Experimental unit for studying thermal conductivity

of racks at high pressures and temperatures. p. 25.

- Megiblov, M. F. - Effect of the salt content of soil on the polarization characteristics of steel. p. 27.
- Dzhafarov, G. M. - Some problems of the planning of drainage. p. 31.
- Shakhtakhtskala, G. G., Dadwa, A. M. - Construction of offshore oil-field structures using keramzit ferroconcrete. p. 35.
- Kriman, R. I. - Change in basic indicators of the performance of the 4DV-224 engine during the inflow of water into cylinders. p. 38.
- Sanbar, Kh. O. - Comparison of load characteristics of the performance of the D-8 diesel engine when using the D1 fuel and the mixture of the D1 fuel with 30% of light catalytic gas oil. p. 41.
- Karnev, N. A. - Some problems of the development of the tobacco industry of the Azerbaijan S. S. R. p. 43.
- Silayev, E. D., Orudzhev, Sh. O. - Method for calculating the distribution point of an enterprise, as exemplified by the automobile industry. p. 45.

Vol. 6, no. 3(63), May 1966.

- Table of contents translated:
- Nadzhariy, E. M., and others. - Automatic control of drainage pump units and purifying relay screens. p. 1.
- Abdullayev, A. A., Ali-Zado, G. A., Pogudin, A. I. - Transistor sine wave power oscillator. p. 5.
- Kitabov, Sh. A., Kuzmchenko, V. V. - Selecting nominal capacities of resistors. p. 8.
- Abdullayev, A. A., Samoilovich, D. I., Metchuk, A. A. - Problems of minimization of information in the determination of petroleum production costs with those of computers. p. 10.
- Katschashvili, I. A. R., Mamador, A. Kh. - Experimental study of dynamic characteristics of the pneumatic conveying of the reactor-regeneration block of a hydrocracking unit with a spheroid catalyst at 30 atm. of pressure. p. 13.
- Ali-Zado, P. G. - Organizing programmed control of specialized digital differential analyzer for the modeling of power systems. p. 16.
- Shilov, V. N. - Sets of high-voltage distributive starting devices for drilling rigs based on small-scale high-voltage contactors. p. 18.
- Ali-Zado, A. S., Kutiev, D. A., Kalamarov, V. A. - Result of a simultaneous study of transconductance and current of direct strokes of lightning in the power transmission lines of the Azerbaijan Main Power Supply Administration in the years 1961-1965. p. 21.
- Casimov, F. G., Abbasov, T. I. - Studying the voltage quality of mesh points of electric loads. p. 23.
- Mamador, T. R. - Experimental study of the character of resistance changes in bit supports. p. 26.
- Kutiev, S. M., and others. - Determining the temperature of heating in three-core bits during the drilling process. p. 28.
- Kutiev, S. M. - Effect of physical properties of gas and design parameters of the cylinder on the performance of piston compressors. p. 30.
- Agayev, A. M. - Using highly efficient resonance screens in the Dashtkasan Dressing Plant. p. 33.
- Ibragimov, A. M., Nazirov, R. K. - Developing a electroacoustic waveguide-level gauge for recording parameters of sea waves in the water areas of offshore oil fields of the Caspian Sea. p. 35.
- Krasifakhov, I. A., Tsybol'skii, I. S. - Method for determining the reduction of dynamic level in a well based on measurements of needed pump capacity and nonohmic discharge pressure. p. 38.
- Samedov, R. M., Mironov, M. S. - Importance of introducing methods for evaluating strength characteristics of the roads of Azerbaijan. p. 40.
- Aliev, Z. Sh., Bagirova, Sh. M. - Biomechanics of brined-pike perch. p. 44.
- Mukhmudov, A. M. - Food supply of fish. p. 46.

Vol. 6, no. 5(69), May 1966.

- Table of contents translated:
- Karav, R. A. - Possibility of using Herat codes for transmitting telemetric information in industrial control systems. p. 1.
- Ibragim-Zado, T. I. - Studying errors of supply transformer in a self-compensating device for measuring impedances. p. 4.
- Gadzhiev, E. M. - Studying automatic systems for proportioning reagents in a thermochemical unit. p. 6.
- Oxangirov, Sh. S., Samoilovich, D. I., Aliev, T. A. - Improving the indices of power management of a chemical enterprise having adapted the use of general-purpose computers. p. 9.
- Pogorelskii, A. M., Babayev, R. V. - Total and component capacities of the immersion motor of an electric pump when pumping an oil-water-gas mixture. p. 12.
- Kulzade, K. N., Khaikin, I. E., Tikabli, V. I. - Selecting a rule for automatic regulation of the excitation of synchronous motors of the drive of

- subsurface pump units. p. 14.
- Spirin, A. A., and others. - Determining the parameters of deep grounding electrodes of anti-corrosion units. p. 16.
- Kalarov, T. E. - Device for sealing the operating chamber. p. 18.
- Abdullayev, A. A., Karnev, T. N. - Arc resistance welding of pipes made from the strength D steel. p. 21.
- Dergunov, V. I., Red'ko, A. I., Karasik, G. E. - Effect of metal in the borehole bottom on the wear and breakage of rock bit cutting elements. p. 24.
- Fataliev, M. D., Belousara, O. N. - Determining values of total resistance coefficient of cylinder brakes. p. 27.
- Aliev, I. E. - Effect of the gap in the stressed state of the thread root. p. 29.
- Kasimov, I. P., and others. - New process for stabilizing tool joint threads of drill pipes. p. 31.
- Gulman, B. M., Musuliel, A. M. - Effect of the charge ratio on the quantitative performance indices of a hydrocyclone when removing in total mechanical impurities from petroleum. p. 33.
- Mameizade, U. I., Aslatsaturov, V. G. - Method back pressure on readings of flowmeters. p. 35.
- Tagiev, K. B. - Problems and reserves of the Azerbaijan transport system. p. 37.
- Wallora, E. M. - Method for determining the "biological reserve" of pigments in grapes. p. 43.
- Aliev, T. N. - Ways for the effective use of M-1 circular knitting machines. p. 42.
- Telnitazov, G. C. - Some problems in controlling the change-over to the new system of planning and economic stimulation of power plants. p. 44.
- Kula, R. C., Veeger, E. P. - Effectiveness of the use of patent information during planning and drilling. p. 47.

Vol. 6, no. 7(71), July 1968.

- Table of contents translated:
- Mikhalov, E. N. - National economy of Azerbaijan and prospects for its development. p. 1.
- Imani, S. G. - Graphical method for detecting a signal in the HC oscillator. p. 5.
- Prishvin, M. I., Tagiev, K. B. - Describing a communication channel for telemetering the data from wells in wells exploited by submersible electric pumps. p. 8.
- Samedov, R. A., Gadzhiev, E. M. - Device for preventing short circuits in the voltage of an induction inducting unit. p. 11.
- Kryzhan, V. A., Amel'chenko, V. V. - Changing flexible inductive plates by the method of a noninvasive method with the use of electron beam computers. p. 13.
- Abdullayev, A. A. - Use of mathematical methods in the optimum control of petroleum production processes. p. 16, 45.
- Aliev, M. N., Farhadzade, E. M. - Studying the reliability of interagency electric power transmission lines. p. 18.
- Kulzade, K. N., Mirzajalilova, E. M. - Study of static load characteristics of a series of large asynchronous electric drives. p. 20.
- Kurdakov, U. M. - Regulating the frequency of asynchronous electric drive at constant power. p. 22.
- Khalil Guseinov, Gadzhiev, V. I., Askerov, V. M. - Radiotelemetric device for measuring the temperature of electromechanical slipping elements. p. 24.
- Kutiev, S. M. - Determining initial use of polytropic compression and gas expansion in cylinders of piston compressors. p. 27.
- Arifan, A. A. - Path of the heads of the P-71-type bearings used in the SV14-160 drive. p. 30.
- Mekhtilov, G. A. - Calculating closed cylindrical non-circular wheels types. p. 34.
- Trilov, M. S., Akhmedov, M. I., Logiova, S. A. - Effect of temperature on the electrochemical behavior of aluminum and its alloys in hard and soft sea water. p. 35.
- Veriklin, M. TS., Aliev, I. E. - Determining the coefficient of stress concentration in the shaft of a drill hook. p. 36.
- Isayev, V. I. - Effect of the index of a stream on cross circulation in a curved approach. p. 37, 48.
- Gasanov, A. M. - Comparative characteristics of some technical and economical indices of fabrics from artificial silk. p. 41.
- Khandzhiev, V. F., Chikmatova, N. A. - Adapting an ultrasonic unit for cleaning trolleys at the blast waste combine. p. 43.
- Kegimayev, I. M. - Standardizing material and fuel energy resources in the republic. p. 45.

b. AERONAUTICS

AVIATSIYA I KOSMONAVTIKA [AVIATION AND ASTRONAUTICS]. Moscow, no. 6, June 1968.

- Table of contents translated:
- Aviation and astronautics are the two stages of progress. p. 2.
- Kirvanov, P. - Training of an air fighter. p. 7.
- Ivelonko, A. G. - The reliability and lifespan of engines are being increased. p. 8.
- Mamonov, V. - Shiroko generosity. p. 10.
- Aleksandrovich, S. V. - Assault on space is continuing. p. 14.
- Vinogradov, R. - Aviation science and progress in

airplane construction, p. 16.
 Torgor, B. - A pilot, scientist and popularizer, p. 22.
 Berezin, S. - Friend All-Russian Aviation Engineers, p. 24.
 Torgor, B. - In the Kronshtadt skies, year 1921, p. 27.
 Lybin, I. - Was this an accident? p. 32.
 Lybin, I. - Adapting celestial navigation, p. 35.
 Ivanov, G. - Is the crew compatible? p. 39.
 Lybin, I. - Rank and life in the air, p. 42.
 Lybin, I., Bardin, I.C., Koltun, V. - In place in the world of the technical operation section, p. 45.
 Nikolaev, A. - Aviation technology today and tomorrow, p. 51.
 Kozlov, A. - Mistle-binding house, p. 52.
 Babitskiy, N. - Nonstationary ionospheric, p. 59.
 Kozlov, A. - Effect of artificial radiation belts on radio communication, p. 61.
 Babitskiy, N., Gerasimov, B. - How to accelerate the restoration of combat readiness of aviation equipment, p. 66.
 Torgor, B. - An instructive lesson, p. 71.
 Torgor, B. - Landing in the rear of the enemy, p. 74.
 Gerasimov, S. - The technicians took off on a flight, p. 77.
 For those who are preparing for entrance examinations and are engaged in self-instruction, p. 83.
 Gerasimov, S. - Meeting with the machine, p. 87.
 Lybin, I. - Gaily of humanity, p. 89.
 Babitskiy, N. - Airplanes are colliding with the altitude problem, p. 92.
 Foreign aviation and space information, p. 95.

No. 8, Aug. 1968.

Table of contents translated:
 Verzhina, K. - The rocket-carrying power of the Soviet state, p. 2.
 Bogachev, B. P. - It can be reached only by airplane, p. 5.
 Efri, N. - Pinnacles of courage, p. 9.
 Kovalov, S. - Taming of a "dangerous spiral," p. 13.
 Yeung Communist League accepted patronage over the Air Force, p. 14.
 Lybin, I. - Leader into the sky, p. 19.
 Nazarov, O. - The aircraft is piloted by a space pilot, p. 24.
 Rudenko, S. - In the main direction, p. 28.
 Nikolaenko, G. - They know Anvar, p. 30.
 Rechkalov, G. - He was attacking the leader, p. 35.
 Keiber, L. - Rate of growth of aviation electronics increases, p. 39.
 Tumanov, A. - Increasing the resistance of fighter planes, p. 43.
 Naatonsky, I. U. - Applying Parly monomers, p. 45.
 Kholkov, I. U. - Takeoff readiness means combat readiness, p. 48.
 Nikolaev, R. - Long-range flight over the ocean, p. 53.
 Izashov, I. - On night flights, p. 58.
 Chelpanov, M. - This facilitates the control of the preparedness of the airport auxiliary power unit, p. 58.
 Demidovich, N., Andreyev, B., Lysov, V. - Even though it is a foreign aircraft, p. 59.
 Tolstikhin, G. - In a high-efficiency technical operation section, p. 60.
 Morozov, N. - Instruments uncover the truth, p. 61.
 Kalashnikov, A. - Recording flight parameters, p. 65.
 Skublin, V. - Seeing through cover, p. 67.
 Zavalov, N., Ponomarev, V. - The flyer has come to a decision, p. 70.
 What bank position should be maintained by the guided plane? p. 72.
 Varvarin, V. - They are not afraid of heat or cold, p. 75.
 Troitskiy, V. - Lookout for signals of extraterrestrial civilizations, p. 77.
 Dylov, I. U. - A carrying propeller instead of the parachute, p. 81.
 Gubanov, S. - Mousmints took off on a flight, p. 84.
 Andreyev, G., Vakurov, I. - From pages of combat biography, p. 86.
 Vasiliev, A. - Heroic annals of the Air Force, p. 89.
 Ladarov, I. - Training of air pirates, p. 92.
 Foreign aviation and space information, p. 94.

No. 9, Sep. 1968.

Table of contents translated:
 Elmorov, A. - Hints to heroism, p. 2.
 Nazarov, O. - More courage, contact is imminent, p. 6.
 Pechenko, M. - Interaction should be taught, p. 9.
 Koniukhin, A. - Visible aspects of a "blind" flight, p. 13.
 Officers of the rear services, p. 16.
 Gerasimov, A. - Interception is a cumulative effort, p. 18.
 Mikhailov, N. A. - Communist youth of the air formations, p. 21.
 Golubev, S. T. - The strong will of the pilot, p. 27.
 Grigor'ev, N., Fokin, S. - Progress in aviation and human possibilities, p. 31.
 Millurev, V. - A tutoring machine, p. 34.
 Chernykhov, G. - Aerological method of determining navigational elements, p. 36.
 Netesov, V. - When a cyclone does a bad turn, p. 38.

Stegun, V. - The airplane makes a forced landing. How to get it back in operation? p. 41.
 Zlatkov, G. - Characteristics of starting AI-20K engines under high-temperature conditions, p. 42.
 Chernykh, N. - What happened to the parachutes? p. 45.
 Kaskrin, S. - Remodeling of characters, p. 48.
 Lybin, I. - Aviation on the way to space, p. 52.
 Troitskiy, V. - Monitoring signals of extraterrestrial civilizations, p. 55.
 Timofeev, V. - Two encounters, p. 62.
 Semenov, A. - They were taking off in order to win, p. 66.
 Pritchev, S. - Baptism of fire, p. 69.
 Successor to the work of N. E. Zlatkovskiy, p. 70.
 Pritchev, S. - On new ideas and old errors, p. 78.
 Kon'kov, M. and others. - "Wrecks" in a strong box, p. 80.
 Babitskiy, V. - Calculations of the aggressor and reality, p. 87.
 Crokin, A., Stetslav, S. - Fuel for the oil bandits, p. 89.
 Foreign aviation and space news, p. 93.

KAZAN AVIATION INSTITUTE. Trudy [AERO-NAUTICAL INSTITUTE. Transactions], No. 75, 1968. Aviation instruments and automatic devices.

Table of contents translated:
 Stolz, L. I. - Dynamic mechanical characteristics of an asynchronous small-capacity motor, p. 3.
 Eroshin, G. V. - Experimental study of the self-heating of the armature in d.c. electrical miniature machines, p. 15.
 Kalitkin, G. I. - Study of armature reaction during transient operations of miniature d.c. machines using a two-speed characteristics method, p. 23.
 Notarius, M. D. - Some design problems of electrical networks containing one semiconductor thermistor, p. 30.
 Vaitsekhovskiy, G. S. - Schemes of mechanism for drawing second-order curves, p. 48.
 Prostakov, P. A. - Construction of dynamic characteristics of a d.c. micro-motor with an independent type of excitation by means of phase plane, p. 55.
 Makshimov, V. V. - A two-step gyroscopic system with inclined rotors, p. 61.
 Akhmetgaleev, I. I. - Construction of switching characteristics using the sum of standard series, p. 70.
 Mitrofanov, I. E. - Polar a.c. pulse characteristics, p. 80.
 Akhmetgaleev, I. I. - Study of two-channel systems with asymmetric cross couplings, p. 85.
 Chuprasov, V. P. - Problem of the synthesis of optimum control with phase coordinates limitations and the speed of change of the control action, p. 91.

REFERATIVNIYI JURNAL: RAKETOSTROENIE (Older building vypusk 41) [JOURNAL OF ABSTRACTS: ROCKET BUILDING (Separate Issue 41)]. Issued by Institut nauchnoy informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 8, Aug. 1968.

REFERATIVNIYI JURNAL: VOZDUSHNIY TRANSPORT [JOURNAL OF ABSTRACTS: AIR TRANSPORTATION]. Issued by Vsesoyuznyy Institut nauchnoy i tekhnicheskoy informatsii [All-Union Institute of Scientific and Technical Information], Moscow, Predmchny ukazel' za 1967. [Subject Index for 1967]. [This journal is also issued in parts]

C. CHEMICAL TECHNOLOGY

FIZIKA I KHIMIYA OBRABOTKI MATERIALOV (PHYSICS AND CHEMISTRY OF MATERIALS PROCESSING). Issued by Odelskiy fiziko-khimicheskii nauchno-issledovatel'skiy materialov Akademii nauk SSSR [Department of Physicochemistry and Technology of Inorganic Materials of the Academy of Sciences of the U. S. S. R.], Moscow, no. 2, Mar.-Apr. 1968.
 Table of contents translated:
 Liberson, M. N. - Heating of thin films by laser radiation and their failure, p. 3.
 Drnitskaya, V. I., Zubovskaya, V. N. - Temperature fields and dynamic thermodynamic stresses produced in a body by the flow of radiant energy, p. 12.
 Kirshtat, V. I. - Green's function for a bombarded rod in thermal interaction with a half-space and some of its applications, p. 17.
 Azarkovich, N. N., Ruiner, I. A. F., Trakutsemborg, B. F. - Contact temperature problem for the drawing of billets with a screwdown device, p. 23.
 Goldin, V. I. - Selection of an organic dielectric medium for electric spark machining; low-voltage pulse discharge, p. 30.
 Aka, I. U. V., Lel', R. V., Sularov, D. I. - Determining the resistance to deformation under a given loading law, p. 35.
 Berkovskiy, V. S., and others. - Nonuniformity of deformation and the structure of ferrite and austenite during the rolling of two-phase steel, p. 43.
 Odin, G. A. - Structural stresses during stopped hardening of high-speed steel, p. 48.
 Gridnev, S. A., Pavlov, V. S., Postnikov, V. S. - Studying the amplitude relation of internal friction in polycrystalline ferroelectrics, p. 55.
 Baranova, V. I., and others. - Inelastic phenomena in molybdenum due to diffusion, p. 61.

D16b-16c
 Kovalov, A. I., Ulovskiy, I. M. - Electron microscopy in the study of the structure of austenite in the Fe-Ni-Ti alloy following precipitation hardening and aging, p. 66.

Vernor, V. D., and others. - Studying the aging of austenitic steels with nitrogen and carbon, p. 74.
 Shalagin, I. M., and others. - Mechanism of the effect of rhodium on the tendency toward brittle failure in high-melting metals, p. 79.
 Dubasov, A. M., and others. - Calculating the heterogenous diffusion in the contact zone between solid and liquid metal phases, p. 87.
 Novosadov, V. S., Shorshorov, M. Kh. - Characteristics of forming and mechanical properties of its-similar metal joints in zirconium, titanium and niobium alloys made by argon arc welding, p. 92.
 Ilyuk, B. A., and others. - Studying the kinetics of saturating porous ceramic metal specimens, p. 101.
 Abramovskiy, A. D., and others. - Studying by the method of secondary ion emission the composition of the surface layer in components of a nickel-copper bimetal, p. 111.
 Balashov, I. U. T., Pevnikov, V. S. - Ultrasonic heating of metals, p. 117.
 Balashov, I. U. F. - Structure of iron and Kh18K9OT steel following ultrasonic heating in vacuum, p. 119.
 Braun, M. P., Vinokur, B. B., Matysenko, N. I. - High-temperature thermoplastic treatment of heat resistant V1728 steel, p. 121.
 Sokolov, E. N., Sarkov, I. U. P. - Effect of high-temperature mechanical treatment on the thermal fatigue of 40Kh12N5G8MB steel, p. 125.
 Botvinov, L. R., and others. - Effect of wire orientation on the mechanical properties of mesh for reinforced materials, p. 127.
 Gorelik, S. S., Litvinov, I. U. M. - Evaluating Peloris stresses in 60-degree dislocations in highly alloyed germanium, p. 131.
 Brekhovskiy, V. F., Ugliev, A. A. - Work of the Seminar on the "Physics and Chemistry of Working Materials with Concentrated Flows of Energy," p. 134.

GIDROLIZNAYA I FIZIKOKHIMICHESKAYA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Ministerstvo lesoi, iskusstvennoy burmazhnoy i derevobratnykh izdeliy promyshlennosti SSSR [Ministry for the Forest, Woodpulp, Paper, and Woodworking Industries of the U. S. S. R.], Moscow, vol. 21, no. 3, 1968.

Table of contents translated:
 Firkovitch, V. S. - Basic technical trends in the optimization of technological processes in the hydrolysis industry, p. 1.
 Conference on the automation of technical processes in wood chemistry, p. 2.
 Chelov, N. V., Korotkov, N. V. - Hydrolysis of pine wood hemicellulose components by a solution of 30-36% hydrochloric acid at 30-40° C, p. 4.
 Chudakov, M. I., and others. - Production of nitrogen-containing lignin fertilizers, p. 6.
 Tishchenko, D. V., Tsvetova, E. M., Tognokova, G. V. - Use of neutral oils of wood pyrolysis as softening agents for the regeneration of rubber, p. 6.

Bagov, A. N. - Some physicochemical constants of wood resin oils, p. 11.
 Uvarov, I. P., Kravchenko, M. I., Singatova, M. A. - Antioxidant made from creosote oils from the summary resin of wood pulp thermolysis, p. 12.
 Troitskiy, A. N., Faryukova, I. V. - Dehydration of a mixture of C₁ - C₄ low-molecular fatty acids, p. 13.
 Levin, L. D. - Effect of oxidation reactions on the thermal state of pyrolysis, p. 15.
 Rodionova, G. S., Zatkina, A. I. - Study of the microflora in the yeast growing equipment at the Yungiyat Hydrolysis Plant, p. 16.
 Oukhova, G. I., Shepa, I. V., Matigorova, E. A. - Study of the quality of substrates and selection of yeast cultures for the conditions at the Archangel'sk Hydrolysis Plant, p. 18.
 Ershov, B. N., Kul'novich, V. G. - Rapid method of determination of monosaccharides in a mixture with reducing non-sugars, p. 20.
 Tshuradnovskiy, A. N. - Tapping pine with wide slash nodes under chemical effect, p. 21.
 Drozhnov, I. A. G., Pilyuchikov, V. F., Troitskiy, P. S. - Effect of tapping with calcium hypochlorite on the condition of pine forests, p. 22.
 Dolzhonko, A. P. - Waste water purification at the Khor Hydrolysis Plant, p. 26.
 Kuchina, N. G. - New techniques and equipment at the Volgograd Hydrolysis Plant, p. 27.
 Polovinkin, A. I. - Innovators' success, p. 29.
 Korotkov, V. V., Peltors, I. A. - V. I. Stepanuk, winner of the socialist competition, p. 30.
 Faleov, A. I., Pashornina, I. S. - Automation of the taylor yeast growing process, p. 31.
 Minov, A. P. - Clarification of oleoresins by low-concentration phosphoric acid, p. 31.
 Shinov, I. U. I. - Intercollective farm hydrolysis and yeast plant in Nikolayev Province, p. 32.

KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet po khimii pri Gosplane SSSR and Vsesoyuznoye khimicheskoe obshchestvo imeni D. I. Mendeleeva [State Committee for Chemistry, Attached to the State Planning Committee of the U.S.S.R., and the D. I. Mendeleev All-Union Chemical Society]. Moscow, vol. 27, no. 7, 1968.

- Table of contents translated:
 Litvinova, T. V., Korotkova, R. P., Norkov, A. S. - Modification of diene rubbers by unsaturated acid salts during vulcanization. p. 2.
 Kuperman, E. E., and others. - Some characteristics of technological properties of mixtures based on SKD synthetic rubber. p. 5.
 Muller, L. - Structure and mechanical properties of extended rubbers. p. 10.
 Gorbunova, V. I. - Studying the process of thermal decomposition of thuram and the effect of vulcanization on this process. p. 18.
 Shumakov, I. L., Gullinov, V. N. - Fertilization of functional groups of carboxylic-containing latexes. p. 20.
 Bodan, A. N., Pruzhanskaya, K. A., Filimonova, G. I. - Effect of the technology of thuram production on the properties of rubbers. p. 21.
 Zuev, U. S., Grogan, N. M., Lyova, G. N. - Effect of organic acids on rubbers. p. 24.
 Volnukhin, B. I., and others. - Effect of the quantity of a rubber mixture in the gaps between the rollers of a miller on the quality of rubber-coated rolls. p. 28.
 Glogolev, V. A., Il'in, M. S., Kozlov, L. N. - System of glue made from chlorinated for gluing rubbers with low properties of adhesiveness to metal during vulcanization. p. 30.
 Lushchey, N. N., Alenina, O. S. - Characteristics of the present assortment of carbon black for the rubber industry and allied production fields. p. 32.
 Gorchik, B. N., Feldman, G. I., Mal'skaya, M. A. - Mechanical characteristics of rubber during final deformations. p. 36.
 Orlov, Z. D., Kozlov, O. N., Dobovskiy, D. B. - Some characteristics of the use of amble and ethylene-like materials in valves. p. 38.
 Reftikov, L. B., Vinitskiy, I. E. - Method for measuring the dynamic properties of different configuration rubber samples. p. 42.
 Chernais, V. V. - Selection of material for radiooxide coatings. p. 43.
 Reftikov, M. I. - Effect of the layer structure in the carcass on the loss of strength in a tire during rolling. p. 47.
 Reftikovskiy, M. M., Duzortayev, M. S., Lipsterov, V. M. - Study of rubber puncturing with a hard indenter. p. 50.
 Pavlov, O. A., and others. - Device for precise evaluation of rubber hardness under minor stress. p. 52.
 Kuznetsov, A. S., Vozna, R. V., Denisov, A. A. - International symposium on rubber and crude rubber in Czechoslovakia. p. 54.
 Kaplanova, L. A. - Tenth Scientific-Technological Conference of Young Specialists. p. 57.

KHIMIA I TEKhnOLOGIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi komitet nelineperatsivnykh i tekhnicheskoy promyshlennosti pri Gosplane SSSR [State Committee for the Petroleum Refining and Petrochemical Industry, Attached to the State Planning Committee of the U.S.S.R.] and others. Moscow, vol. 13, no. 7, 1968.

- Table of contents translated:
 Marshilin, V. V., and others. - Effect of hydrodynamic conditions on the process of hydrocracking. p. 1.
 Tienov, D. N., Aliev, V. S., Mamedov, Kh. T. - Study of contact pyrolysis of heavy raw material in a reactor with ascending flow of the heat-transfer agent. p. 7.
 Kishchashvili, I. A. U., Kurkova, N. S., Gotsin, M. M. - Method for the production of microsporous active aluminum dioxide. p. 10.
 Zhadanovskiy, R. B., and others. - Determining the thermal effect of reaction in processes of hydrocarbon purification and hydrogenation of petroleum products. p. 14.
 Timofeev, V. S., Serafimov, I. A., Lyov, S. V. - Phase equilibrium liquid - liquid in three-component mixtures. p. 16.
 Pankovskiy, I. A. I. - Necessary use of electrodehydrators in industrial installations for petroleum preparation. p. 18.
 Guseva, A. N., Lefman, I. E. - Composition and structure of solid polycyclic hydrocarbons forming carbamide complexes. p. 22.
 Feigin, S. A., Siraum, M. K., Karpova, N. M. - Economic evaluation of alkali-free processing of oxides. p. 26.
 Manoyan, A. K., and others. - Effectiveness of industrial column plates for efficient rectification. p. 29.
 Popov, I. U. V., Ostrov, V. M., Frants, K. M. - Ultraviolet laboratory LIA-65 analyzer. p. 33.
 Kosov, B. E., Mikhleeva, E. G. - Sampling device for an automatic analyzer of aromatic hydrocarbons. p. 37.
 Gornozov, V. M., Stanina, G. H. - Controlling the quality of jet fuel. p. 38.
 Blagovidov, I. F., and others. - Some characteristics of the mechanism of washing properties of succinimides. p. 41.
 Melnikova, N. I., Malyshcheva, I. V. - Studying the

- thermal stability of jet fuels recently processed and subjected to long storage. p. 46.
 Kuretsnikov, B. P., Arkhipenko, A. G. - Gas chromatography analysis of a multicomponent mixture of synthetic fatty acids or alcohols. p. 47.
 Laveva, V. S. - Potentiometric determination of phosphorus, zinc and barium in phosphorus-containing additives. p. 51.
 Anopova, A. A., Semina, V. I. - Chromatographic determination of $C_1 - C_5$ hydrocarbons in watery petroleum. p. 55.
 Imshulov, I. A. - Determination of oil in phenol by infrared absorption spectroscopy. p. 58.
 Turov, I. I. A. Parshina, G. A. - Manufacture of similar products based on acetylene and olefins in the U.S.A. p. 60.

KHOLODIL'NAYA TEKHNIKA I TEKhnOLOGIA [REFRIGERATION EQUIPMENT AND TECHNOLOGY]. Issued by Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya USSR [Ministry of Higher and Secondary Specialized Education of the Ukrainian S.S.R.]. Kiev, vol. 45, no. 3, Mar. 1968.

- Table of contents translated:
 Raise the technical level of refrigeration in the meat and dairy industry. p. 1.
 Shamell'skiy, M. G., and others. - Automated ammonia compressors. p. 4.
 Uzhanskiy, V. S. - Two-system feed of the shell-and-tube free evaporator according to superheat. p. 7.
 Shcherbakov, V. S. - Automatic control of the cooling capacity of free compressors. p. 10.
 Lazarev, P. L. - Selection of working conditions for astatic temperature regulators. p. 13.
 Efimov, V. A., Lupanov, B. S., Mandzik, I. I. - Problems of increasing the reliability of thermoelectric batteries. p. 16.
 Dem'ianov, N. V., Lysenko, N. E., Panferov, V. N. - Economic operation of the refrigeration equipment of refrigerator railway cars. p. 18.
 Tkachev, A. G., Shtraev, I. E. - Studying the coefficient of heat transfer of spill film. p. 24.
 Rips, S. M. - Losses during storage and transportation of liquefied carbon dioxide. p. 27.
 Mustafeyev, A. D., Mikhmudov, M. D. - Cohesion strength of glued copper and aluminum tubes. p. 31.
 Danilov, R. L., Dedkova, G. A., Gura, I. A. - Heat pumping unit for dairy and stock farms. p. 35.
 Goraslanov, N. A., Malovanyy, B. N. - Experimental study of a chamber with an air-radiative system for intensive chilling of meat. p. 37.
 Lushnikov, L. G., Filimonov, N. N., Malinovskiy, M. E. - Use of coupling boxes in the production of refrigerating units. p. 43.
 Mal'tchikov, A. D., Usenko, V. G. - Unit for testing of assembly parts of household compression refrigerators. p. 46.
 Badyk'ev, I. S., Gindlin, I. M. - Questions and answers. p. 49.
 Bulov, D. G., Gindlin, I. M. - Plenary Conferences of the 12th International Congress on Refrigeration. p. 52.
 Strizhan, V. - Small block-type refrigerating units manufactured in the Czechoslovak S.S.R. p. 57.
 Shumov, V. S. - Two-stage compression ammonia refrigerating units with rotary busier-compressors. p. 59.

Vol. 45, no. 6, June 1968.

- Table of contents translated:
 Rytenko, L. P. - Improve the planning of cold storage warehouses of meat combines. p. 1.
 Likhitskiy, O. V., Berlad, V. P., Klement, V. I. - Testing refrigerating compressor friction pairs lubricated with different oils. p. 4.
 Rozendel', I. M., and others. - Use of refrigerating machinery for cooling powerful electric generators. p. 6.
 Danilova, G. N., Ivanov, O. P., Kizilnikov, S. V. - Methodology for the calculation of the heat transfer coefficient at free condensation on a cluster of finned tubes. p. 10.
 Kuznetsov, V. B., Iokhvedov, F. M. - Heat transfer and aerodynamic resistance of clusters of tubes with transverse split fins. p. 14.
 Prokhorov, V. I. - New method for measuring air humidity. p. 16.
 Alekseev, V. P., Braun, V. M. - Determination of median criticality drop in the calculation of cooling towers and wet air conditioners. p. 22.
 Zladen, V. Z. - Calculation of physiological heat released by fruits and vegetables during cooling. p. 24.
 Kokurin, V. F. - Large cold storage warehouse with a department for fruit processing. p. 27.
 Khenkin, B. I. - New cold storage warehouse in Taškent. p. 30.
 Pirog, P. I. - Cold storage warehouses built on freezing ground. p. 31.
 Kolotil', I. I., and others. - Automation of low ground air coolers of the Tallin Meat Canning Combine. p. 34.
 Nezdova, V. M. - New local air humidifier. p. 38.
 Gornozov, S. V. - New design for air conditioners at the Tula Meat and Poultry Combine. p. 40.
 Gashiev, A. G. - Some problems of operating freeon refrigerating machinery. p. 41.
 Conducting the Third All-Union Review on "Science, Technology, and Quality." p. 42.

- Seminar-conference on basic trends in planning modern cold storage warehouses for fruit storing. p. 44.
 Gindlin, I. M. - Reports of Commission 5 of the 12th International Congress on Refrigeration. p. 49.
 Gashiev, A. G. - Cascade refrigerating machinery. p. 53.
 Shvalov, A. I. - Oil separators. p. 55.
 Shvalov, A. I. - Ammonia safety valves. p. 58.
 Shvalov, A. I. - Filters. p. 59.

KONSERVNAYA I OVOSHCHESUSIL'NAYA PROMYSL' LENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi komitet po pishchevoy promyshlennosti pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoy promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 6, 1968.

- Table of contents translated:
 Klement'uk, A. P. - Ways to develop the canning industry. p. 1.
 Socialist obligation of the personnel of enterprises of the Main Administration of the Canning Industry of the Food Industry of the U.S.S.R. on the fulfillment of the plan for the five-year plan. p. 5.
 Vinik, K. I. - At the Canning Combine of the Gory, Baghestan. p. 6.
 Dikht, V. A., Mikoshchuk, S. V. - New designs for canning machinery. p. 7.
 Kozlov, V. I. - The plans in 1968. p. 9.
 Kuchelov, I. T., and others. - Quality of fruit juice depending on the content of pulp and the degree of dispersion. p. 10.
 Zaitseva, N. V. - New varieties of canned goods. p. 12.
 Volkova, M. K., and others. - Quince juice with pulp. p. 14.
 Anzulin, N. N., Maunshauer, H. J., Valtashina, M. E. - Studying the thermal stability of Clonogenic in canned fish. p. 16.
 Avetkhan, N. L. - "Kislovodskiy 3," a new variety of pepper. p. 18.
 Malozemov, K. I., Vashchuk, M. H. - Best quality blackberry varieties for canning purposes. p. 20.
 Cherenkov, F. S., Kozhanova, N. I. - Methods for effectiveness of grape storage in heavy Province. p. 20.
 Shevelov, V. I. - Practice in the organization of production of the Chernogori Vegetable Drying Plant. p. 23.
 Barokhovskiy, I. S. - Analyzing the organizational level of the canning industry from the standpoint of continuous operation. p. 25.
 Oshchepkov, I. I., Stanin, A. I. - Accuracy of calculation of raw material preparation. p. 28.
 Komaritskiy, M. I. - Justification for an objective evaluation of the state of fruit canneries for all sauces. p. 31.
 Raik, S. A., Timofeeva, O. A. - Enzymatic method for the determination of α -luciferase in grapes and grape juice. p. 33.
 Andrianova-Vlas, K. A., Melnikova, T. N. - Effect of anthic acid on the deterioration of materials of red and black currant juice. p. 36.
 Gogolavskiy, A. M., Koshchuk, N. M. - Effect of catalytic enzyme preparation on the rate of the production of persimmon juice. p. 38.
 Arsenova, I. I. - Plenum of the State Commission in Variety-Testing of Agricultural Cultures. p. 44.
 Vachanov, I. I. - Seminar on the quality of raw materials for canned goods. p. 45.
 Nikolai Ivanovich Smolov: obituary. p. 44.

MASLO-ZHIRNOVALA PROMYSL' LENNOST' [OILS AND FATS INDUSTRY]. Organ of Ministerstvo pishchevoy promyshlennosti SSSR i Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoy promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 34, no. 6, June 1968.

- Table of contents translated:
 Minovich, F. N. - Operation of enterprises of oils and fats industry under new working conditions. p. 1.
 Shcherbakov, V. G., Malyshchev, A. M. - Studying the effect of sunflower seeds and immediate products of the preparation departments of oil extraction plants. p. 6.
 Chernikovskiy, A. I., Karmazin, B. D. - Studying the drying of rape seeds on a continuous operation unit with a fluidized bed. p. 10.
 Kuznetsov, D. I., Gishina, N. I. - Method for a fast solid-liquid-type extraction. p. 12.
 Shabarov, M. A., Chashchuk, A. M., Trofimov, A. N. - Separation of individual pure $C_1 - C_4$ acids of sewage waters from the production of synthetic fatty acids. p. 14.
 Basov, A. S., Gushchik, N. V., Petrikova, N. R. - Production of alkyltrimethyl ammonium chloride-salts for calcium-100 on an experimental unit. p. 17.
 Maslovskaya, N. K., Davurov, B. K. - Effect of a cation on the thermal stability of stearic acid salts. p. 20.
 Skripchenko, F. S., and others. - Synthetic technological aqueous lubricants. p. 23.
 Pektlov, A. V., Ponomarenko, I. A. - Extraction of raw vegetable materials by liquefied gases. p. 25.
 Beaplain, V. M., and others. - Distillation of oil of

- roses and wells in a rotary film apparatus. p. 23.
- Scoville, N. D., and others. - Synthesis and evaluation of the aromatic odorous substances of 1,3-dioxane derivatives. p. 31.
- Cherfinski, V. P. - Use of raw materials in oil plants processing hickory seeds. p. 31.
- Gelovina, T. S., Ralshimiy, V. M. - Mechanized transportation of cotton seeds from warehouse to production premises. p. 37.
- Sarynsakhodzhayev, A. R., Kamilov, A. K. - Thickeners Oil Extraction Plant promotes a communist labor system. p. 40.
- Karamisevich, L. G. and others. - Effective use of cotton lint. p. 41.
- Moskotskiy, P. R., Iakentiy, I. K. - Extracting animal fats from wooden barrels. p. 42.
- Kelant, A. F. - Self-ignition and explosion of gas heaters. p. 43.
- Pavlov, V. G., Gertner, S. A. - Exemplary production management and protection of labor. p. 44.
- Maslyukin, I. T., Kulnina, A. P. - Preliminary condensation trap for auto-alcove. p. 45.
- Nikolai Evlovtch Krasnakhov. p. 46.
- Vol. 33, no. 7, July 1968.
- Table of contents translated.
- Izotov, M. V. - 100th anniversary of glycerol production. p. 1.
- Acarenko, I. M., Eselera, S. M. - Increase the expenditure of edible fats for technological purposes. p. 3.
- New horizons for solvents. p. 4.
- Vedulin, R. E., Tretyakov, H. V., Korolev, I. G. - Balanced molecule of surfactant acids. p. 5.
- Kepkovich, V. M., Molodtsov, L. F. - Effect of thermal drying conditions and the germinating power of molar seeds on their qualitative preservation. p. 7.
- Nefedov, A. G. - Duration of extraction with use of the ND-1000 and ND-1250 apparatus. p. 10.
- Rubel'min, V. P. and others. - Study of sunflower waxes. p. 13.
- Leshin, A. A. - Quality of oil cakes and groats manufactured from sunflower seeds. p. 17.
- Barulina, G. A., Shirokova, L. V. - Ways to improve the quality of toilet soap. p. 19.
- Ismailov, M. P. and others. - Titration of fatty acids in aqueous solutions. p. 23.
- Slonits, A. A. and others. - Studying the viscous properties of solutions of some anti-oxidative surface-active agents. p. 26.
- Milasevich, N. I., Mironov, M. V. - Thermal dehydroxylation of fatty acids and their sodium salts. p. 26.
- Klosko, N. D. and others. - Identifying fatty alcohols of spermecet fat. p. 30.
- Sapozhnik, F. A., Peresheva, T. A. - Shortening the period of postharvest ripening of clary sage seeds. p. 32.
- Gus'chik, N. I., Mikhurina, S. S. - Study of Chinese mint in Azerbaijan. p. 35.
- Prilepa, I. N. and others. - Production of ethanol and other aldehydes from chemical raw material. p. 36.
- Zelenyakh, N. N., Anisimova, G. A. - Polyethylation of fuel oil. p. 38.
- Solov'ev, L. I., Kabanov, N. N. - Fast method for the determination of moisture content in sunflower seeds and flaked kernels. p. 41.
- Moslyukin, I. T., Pavlov, G. M. - Hydrogenation of distilled fatty acids of toilet soap block. p. 42.
- Cusakov, M. G. - Effect of free fatty acids on the speed of oil hydrogenation. p. 43.
- Results of the all-Union socialist competition of food industry enterprises for the first quarter of 1968. p. 45.
- MEKHANIKA POLIMEROV [MECHANICS OF POLYMERS].** Issued by Akademiya nauk Latvinskot SSR [Academy of Sciences of the Latvian S.S.R.], Riga, nos. 3-4, May-Aug. 1968.
- NEFTEKHIMIYA [PETROCHEMISTRY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, vol. 6, no. 2, Mar.-Apr. 1968.
- Table of contents translated:
- Freidlin, L. Kh., Litvin, E. F., Titov, S. K. - Structure of olefins and their concurrent hydrogenation on a Ru-catalyst. p. 155.
- Doroshko, E. I., Izmailov, R. I. - Hydrogenation and isomerization of 2-methylcyclopentadiene on nickel-aluminosilicate catalysts. p. 162.
- Sorikov, O. D., Medvedev, V. N., Papko, T. S. - Dehydrogenation of isopentane on aluminum-chromium-niobium catalysts. p. 166.
- Sadovnikov, V. V. and others. - Oxidative dehydrogenation of butenes into 1,3-butadiene on a mixed oxide catalyst at lowered temperatures. p. 174.
- Morozova, O. E., Petrov, A. A. - Stereochemistry and kinetics of cyclo extension in substituted cyclopentanes. p. 179.
- Vorob'eva, N. S., Petrov, A. A. - Stereochemistry and kinetics of cyclo extension in space isomers of ethylcyclo (3,3,0) octane and ethylcyclo (2,2,1) heptane. p. 185.
- Erivinskaya, L. A. and others. - Dehydrocyclization of 2-n-butylcyclopentadiene on an aluminum-platinum catalyst. p. 192.
- Iampolskiy, R. U., Gordon, M. D., Lavrovskiy, K. P. - Studying the pyrolysis of methane in a graphite reactor. p. 198.
- Kalinskoy, R. A. and others. - Studying the mechanism of propylene decomposition in the presence of ethane. p. 200.
- Zaitkov, G. E., Maizus, Z. K., Emanuel', N. M. - Role of hydrogen bonds in the mechanism of some elementary phases of oxidation processes. p. 217.
- Zhiznevskiy, V. M., Tolokno, D. K., Fedevich, E. V. - Studying the kinetic regularities of isobutylene oxidation on an iron-antimony-molybdenum catalyst. p. 224.
- Saratov, I. E. and others. - Liquid-phase oxidation of tetralin with atmospheric oxygen at high temperatures. p. 229.
- Kuchner, R. V., Shcherbak, L. P., Kapkan, L. M. - Studying the effect of nitrobenzene on the decomposition of isopropylbenzene peroxide. p. 237.
- Ioffe, L. I. and others. - Gas-phase oxidation of hydrogen iodide in reactions of the oxidative dehydrogenation of butane into butadiene. p. 243.
- Vol', Epshteyn, A. D. and others. - Conversions of 2,4- and 2,6-di-tert-butylphenols in the presence of sulfuric acid. p. 247.
- Shart, V. Z., Freidlin, L. Kh., Nazarian, A. A. - Mechanism of formation of crotonic aldehyde, furan, and tetrahydrofuran in the catalytic dehydration of 2-butene-1,4-diol. p. 258.
- Churkin, I. V., Glazunov, V. I. - Obtaining acetaldehyde and n-butylaldehyde by conjugated hydrogenation of crotonic aldehyde with ethanol. p. 263.
- Petrinaeva, G. S. and others. - Studying the dynamics of the adsorption of hexane-hexane mixtures on Na-X zeolites. p. 270.
- Kolbunovskiy, R. A., Polak, I. S., Shuburkina, V. I. - Kinetics of thermal and radiation-induced adsorption of ethylene and propylene on oxide of aluminum. p. 276.
- Kliger, G. A. and others. - Kinetics and macrokinetics of the oxidation of aliphatic alcohols in the presence of sintered iron catalysts. p. 283.
- Kolova, G. G. and others. - Infrared absorption spectra of cyclohexylphosphazene derivatives. p. 289.
- Kozdova, I. V., Vakhirev, D. A. - Dependence of the height of a theoretical plate on the flow speed of the carrier gas at various pressures. p. 297.
- Protsidov, P. S., Lavrovskiy, K. P. - Analyzing polyphenyls and their hydrogenated derivatives by gas-liquid chromatography. p. 302.
- The Seventh World Petroleum Congress: Lebedev, F. V. - Panel Discussion 21: "Production of olefins for the manufacture of petrochemicals." p. 307.
- Petrov, A. A. - Panel Discussion 22: "Polymerization based on petroleum stock." p. 310.
- Vipper, A. B. - Panel Discussion 28: "Use of additives to petroleum products." p. 313.
- PLASTICHESKIE MASSY [PLASTICS].** Organ of Ministerstva khimicheskoy promyshlennosti SSSR [Ministry for the Chemical Industry of the U.S.S.R.], Moscow, no. 3, 1968.
- Table of contents translated:
- Egorov, N. M. and others. - Effect of impurities in ethylene on the synthesis and properties of high-density polyethylene. p. 3.
- Sharetskiy, A. M. and others. - Effect of polymerization conditions on the thermostability of polyvinylchloride. p. 6.
- Dalakovskaya, V. L. and others. - Dependence of the absorption of a plasticizer on the grain structure of suspension polyvinylchloride. p. 8.
- Tikhomirova, T. P., Kerber, M. L., Trepelkova, L. I. - Properties of diene-C copolymer with styrene. p. 11.
- Barsamian, S. T. and others. - Dielectric properties of polyvinylcyclohexane. p. 13.
- Zhitovskaya, F. D. and others. - Photo-aging of polyethylene films. p. 15.
- Pelov, G. P. - Molecular-weight distribution of polyethylene. p. 17.
- Marashov, I. S., Valgin, V. D. - FRP-I phenol foam plastic. p. 22.
- Strupinskii, V. A. - Phenol-formaldehyde resins of an ortho-regular structure. p. 24.
- Kosierko, I. U. N., Kulichuk, L. R., Kravchenko, E. S. - Thermostabilization of capron. p. 26.
- Tetina, A. S. and others. - Water-soluble polyacrylates based on polyphenylacetylene. p. 27.
- Deriabina, A. V. and others. - Phosphonite polymers containing boron. p. 29.
- Pakhomov, V. I. and others. - Addition products of n-2-vinylthylisopropyl-phenol to organosiloxanes. p. 32.
- Golubov, S. A., Popoleva, G. S., Zinde, G. N. - Effect of silicon on the thermal condensation of hydrochlorosilanes with chlorine derivatives. p. 36.
- Timot, D. L., Luesterik, V. E., Proslav, V. N. - Compressibility of the vapors of some organosilicon compounds. p. 39.
- Turner, R. V., Iakobov, G. V. - Mathematical modeling of processing polymers. p. 39.
- Slankov, G. G. and others. - Molding under the pressure of compression-molded polyester compositions. p. 42.
- Trostianka, E. B., Berezovskiy, V. V. - Method for applying a protective film by spraying of polymers in an electric field. p. 45.
- Sagalayev, G. V. and others. - Properties of oriented films from polyethylene-terephthalate. p. 47.
- Kardashov, D. A. - Modern synthetic glues. p. 49.
- Korshak, V. V. and others. - Properties of the "T-Staklin" glue. p. 54.
- Panova, G. D., Rytov, A. V., Smirnova, L. A. - Polarographic method of analyzing the methacrylic acid copolymer with triethylenglycol dimethacrylate. p. 56.
- Freidlin, A. S. and others. - Dependence of the adhesive strength of gluing compounds on the tension concentration in specimens. p. 57.
- Vinogradov, G. V. and others. - Instruments for measuring the index of thermoplastic mols. p. 62.
- Kazanchian, G. P., Avakian, I. V. - Accelerated determination of the weatherproofness of plastics on a helio device. p. 63.
- Mineeva, O. K., Surina, A. X. - Hardening agents for epoxy resins. p. 65.
- Kremov, S. A. - Problems of business accounting in plants. p. 66.
- Churkin, R. A. - Parylene - new thermoplastic material. p. 69.
- Imshin, V. V. - Properties and processing of polyphenylsulfide. p. 71.
- No. 4, 1968.
- Table of contents translated:
- Vianski, E. F., Zil'berman, G. N. - Basic trends in the technological progress of the plastic industry. p. 3.
- Usmanova, N. F. and others. - Copolymers of α -methylstyrene with acrylonitrile. p. 5.
- Lebanov, V. P., Okladov, N. A., Shlykova, M. N. - Effect of the conditions of polymerization and heat treatment on the crystallinity of polyvinyl chloride. p. 8.
- Kagan, D. F., Kantor, L. A. - Creeping and long time strength of high density polyethylene. p. 9.
- Zaslavskiy, N. M. and others. - Effect of light and thermosensitizers on polymerization of polyester resins PN-1. p. 12.
- Sokolova, I. U. A. - Hardening of epoxy-phenol binding cementitious concretes. p. 14.
- Fidler, Kh. N., Ananashvili, V. O., Abkhilizo, G. S. - Chemical and atmospheric stability of glass reinforced plastics based on basal and aluminum-silicate glass fabrics. p. 16.
- Al'shila, I. M. and others. - New tertiary initiating systems for polyester binding agents. p. 17.
- Samigulin, F. K. - Phosphorylation of the oligomers of propylene oxide by anhydride of methyl phosphonic acid. p. 19.
- Zil'berman, K. G., Senov, L. N., Id, P. Z. - Change in the properties of polyester resins containing an initiator during storage. p. 21.
- Kolobnikov, G. S. and others. - Homogeneous ion exchange membranes of various basicity. p. 22.
- Kiselev, A. A. and others. - Thermooxidative degradation of some thermostable organosilicon binding agents. p. 25.
- Antipkin, G. N., Amiranov, K. A. - Polyalkyl-aryl-methacrylate-ethoxysilanes. p. 28.
- Dagachov, G. M., Avramenko, N. V., Antkin, A. G. - Enlarged unit for zone melting of organic monomers. p. 30.
- Malyshov, L. N., Dalashov, A. A., Shirkman, D. P. - Methods for the evaluation of polyvinylchloride processing. p. 32.
- Minskoy, K. S. and others. - Effect of processing of polyvinylchloride compositions on the efficiency of organic phosphites as stabilizers. p. 36.
- Brusilovskiy, U. E. and others. - Radiation method for the production of a self-settled polyethylene film. p. 39.
- Vlasov, S. V., Sagalayev, G. V., Bolov, E. P. - Double axis orientation of polypropylene film. p. 40.
- Abramov, V. V., Kanavets, I. F. - Measuring the temperature of melt in the outlet from the nozzle of the casting machine. p. 43.
- Iemallov, T. M., Sagalayev, G. V. - Effect of varied dispersion silicon on the rheological properties of propylene. p. 44.
- Kravchenko, L. I., Ikhshina, R. N. - Selection of an optimum condition for the thermal treatment of glass plastics. p. 48.
- Fadulova, A. V. and others. - Properties of polypropylene films. p. 50.
- Iakovlev, A. D., Ryabogov, V. G. - Thermooxidative degradation of coatings from polyvinylbutyl. p. 52.
- Kreshkov, A. P., Kazarian, N. A., Shulnova, K. N. - Quantitative determination of dicarboxylic acid esters and analysis of their mixtures in a medium of nonaqueous solution. p. 53.
- Bork, V. A., Belikovskiy, P. I. - Polarographic determination of some organotin compounds. p. 58.
- Vishnovskiy, F. N. and others. - Automatic thermogravimetric device for polymer analysis. p. 59.
- Konstantinov, A. A., Vinogradov, G. V., Konukh, L. V. - Automatic capillary AKV-5 viscosimeter. p. 59.

1. Yakub, V. S., Vasilenko, B. M. - Determination of the temperature range of polymer cracking during the scintillation analysis, p. 62.
2. Pavlov, N. V., Plavinskii, A. N. - Outflow of styrene from polymer during the cracking, p. 63.
3. Kuznetsov, L. M., Chistiakov, A. M. - Effect of the morphology of glass hardening on the adhesive strength of compounds, p. 65.
4. Parshin, R. S., and others. - Purification of poly-ester plasticizers, p. 67.
5. Ushakov, S. V., Kuznetsov, G. L. - Development of the laser equipment for processing plastics, p. 69.
- ПРОМЫШЛЕННАЯ ЭНЕРГЕТИКА [INDUSTRIAL POWER].** Organ of Ministerstva energetiki i elektrifikatsii SSSR and Nauchno-issledovatel'skoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U.S.S.R. and the Scientific Technical Society of the Power Industry]. Moscow, vol. 23, no. 3, Mar. 1968.
- Table of contents translated:
- Derezhnitskiy, A. Ia. - Evaluation of the effectiveness of measures to the economy of electric power in industry, p. 2.
- Bukharinov, V. P. - Protection from single-phase short circuits to ground in 6 kv. networks in mines, p. 4.
- Koslov, A. A. - Self-start of 0.4 kv. motors, p. 7.
- Polubny, V. D., Belykh, V. A. - Voltage stabilization in a lighting network, p. 8.
- Kuznetsov, V. P. - Problems of control of grounding devices, p. 9.
- Alimskiy, Ia. D., and others. - Use of ultrasonic vibrations in cleaning heat exchangers, p. 12.
- Rysin, V. I. - Semiautomatic machine for winding the coils of magnetic starters, p. 14.
- Baloshin, V. M., and others. - Burning of mazut in the hearths of conveyor type reeling machines, p. 16.
- Polzuko, I. F., Mal'nev, A. M., Chabinski, S. T. - Operation of the mazut pumping station of a boiler room, p. 19.
- Sikelytskiy, V. B. - Symposium on problems of the design and construction of electric networks and installations of industrial enterprises, p. 21.
- Kuzak, N. A., Shevchenko, E. P. - Concerning the article "Reliability of electric power supply networks of enterprises," p. 24.
- Kulshauer, V. M. - Decreasing expenditures on the electric power supply of oil fields, p. 26.
- Dikhs, V. I., Garder, F. I., Gorbunov, V. P. - Rational location of electrical equipment in pumping stations, p. 28.
- Andreev, E. I., Strass, V. S. - Standardization of central heating and industrial boiler systems with OKVR boilers, p. 29.
- Schelukov, A. I. - Comparative characteristics of injection-type burners with swirling of the air flow, p. 30.
- Pestash, B. D. - Hydraulic design of a chemical water purification system during the reconstruction, p. 32.
- Vinitskiy, A. I., Khadzhinov, G. G., Zil'berberg, N. A. - Replacement of surface-type steam coolers with injector types, p. 34.
- Chenov, A. G. - Mazut burners with built-in compressors, p. 36.
- David Mendeleevich Landau, p. 38.
- Nikandr Ivanovich Kholodkov, p. 38.
- Seventh Congress of the World Power Conference, p. 39.
- Tlova, V. N. - Scientific and technological seminar "Effectiveness of the use of electrical equipment and of the mechanization of work in industry," p. 40.
- Discoveries and Inventions, p. 41.
- Through the pages of trade journals, p. 42.
- Shaporov, A. A. - Triggering of a gas protection system during the break in winding connections in the choke of a furnace transformer, p. 43.
- Pumps for industrial and central heating boiler systems, p. 44.
- ПРОМЫШЛЕННОСТЬ ХИМИЧЕСКИХ РЕАКТИВОВ (CHEMICAL REAGENTS AND ANALYTICALLY PURE SUBSTANCES).** Issued by Gosudarstvennyi komitet khimicheskoi i neftnoi promyshlennosti pri Gosplane SSSR [State Committee for the Chemical and Petroleum Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, no. 8(4), 1967.
- Table of contents translated:
- Krasovitskiy, B. M. - Structure and luminescence of organic compounds, p. 7.
- Nagornaya, L. L., Gunder, O. A., Koba, V. S. - Structure and radiation resistance of some luminescent materials, p. 26.
- Kazankov, M. V., Vinetskaya, Iu. M. - Structure and optical properties of substituted 1,9-anthracenediones, p. 32.
- Mukhin, V. I., Ostrov, O. A., Sheinker, V. N. - Structure of the anils of 2-oxynaphthaldehyde, p. 37.
- Mukhin, V. I., and others. - Spectral features of intramolecular hydrogen bond in the molecules of anils, p. 46.
- Poduzhalo, V. F., and others. - Preparation of scintillation p-quinaterphenyl, p. 55.
- Malkes, L. Ia., Shalina, L. V., Vinetskaya, Iu. M. - Synthesis and study in the series of functional substituted 1,4-distyrenebenzene, p. 56.
- Perelashova, D. G., Ushakov, E. G., Krasovitskiy, B. M. - Synthesis and luminescent properties of amino- and acylamino derivatives of N-arylindoles of naphthalic and phthalic acids, p. 58.
- Lavruskin, V. F., and others. - Synthesis and optical properties of 1-phenyl-3,2-pyrazolines containing heterocyclic radicals in 3- and 5-positions, p. 77.
- Nagornaya, L. L., and others. - Synthesis and study of photoluminescent and scintillation characteristics of functional derivatives of 1,3,4-oxadiazole, p. 89.
- Drachko, D. A., and others. - New red heat luminescent phosphors, p. 97.
- Temkina, V. Ia., and others. - New fluorescent complexones, p. 101.
- Katsyna, L. M., and others. - Luminescence spectra of 2,5-diphenyloxazole and oxadiazole derivatives in solutions with various concentration of hydrogen ions, p. 105.
- Levchenko, N. F., Alarastadi, I. Sh. - Azomethine bases - derivatives of binuclear aromatic amines with bridge groupings, p. 110.
- Dolotin, D. M., Krasovitskiy, B. M. - Luminescent properties of frozen solutions of azomethines with intramolecular hydrogen bond, p. 131.
- Kozlov, Iu. I., Karmukhanchikov, R. N., Shigorin, D. N. - Nature of long-wave electron transitions, Stokes shift and photophysics of salicylaldehyde, p. 120.
- Temkina, V. Ia., and others. - Study of europium complexes with some β -ketoacids, p. 136.
- Pokladov, M. S., and others. - Effect of foreign rare earth elements during fluorimetric determination of samarium, europium, terbium, and dysprosium, p. 140.
- Ostrov, O. A., and others. - Luminescence and photochemical properties of complex compounds of thorium with Schiff's bases, p. 150.
- Scherbov, D. P., Matveeva, M. A. - Comparative study of some fluorescent reagents for gallium determination, p. 157.
- Scherbov, D. P., Plotnikova, R. N., Savitskaya, T. N. - Fluorimetric determination of magnesium with 8-hydroxyquinoline in complex composition objects, p. 160.
- Ivankova, A. I., Perminkova, D. N., Scherbov, D. P. - Fluorimetric determination of mercury with trioxanthene S, p. 174.
- Perminkova, D. N., Scherbov, D. P. - Fluorimetric determination of silver in mineral raw material with butylphthalimide S, p. 181.
- Scherbov, D. P., Nikolova, V. P. - Fluorimetric determination of scandium with salicylhydrazide, p. 180.
- Scherbov, D. P., Ivankova, A. I. - Fluorimetric determination of thallium in the form of chlorate complex, p. 191.
- Plotnikova, R. N., Perminkova, D. N., Scherbov, D. P. - Fluorescent reaction of zirconium with morph in the presence of complexon III, p. 107.
- Karapal'mants, G. O., Rotol'dskii, A. L., Ustin, Iu. M. - Luminescence of cadmium selenide glasses, p. 203.
- Turina, V. I. - Some factors affecting the nature of γ -thermoluminescence of carbonate rocks, p. 208.
- Buzekovskiy, E. A., Fiskeva, O. A. - Luminescent method for the determination of manganese, p. 218.
- Kononenko, L. I., and others. - Fluorescent methods for the determination of samarium and europium in the form of tripo complexes, p. 223.
- Tishchenko, M. A., Kononenko, L. I., Polukhov, N. S. - Use of pyrazolone derivatives for fluorimetric determination of terbium and dysprosium, p. 231.
- Khesina, A. Ia. - Quantitative determination of polycyclic hydrocarbons in complex mixtures based on quasilinear luminescence spectra, p. 237.
- Scherbov, D. P., Plotnikova, R. N., Kapil'skiy, M. A. - Fluorometer FO-1 for measuring luminescence brightness of the liquids during mass determinations, p. 243.
- Scherbov, D. P., Volnov, S. A. - Fluorometer with a short-wave ultraviolet illuminator, p. 240.
- Barenboim, G. M., Donatukhi, A. N., Solomatina, V. V. - Cooling of photomultiplier tubes, p. 263.
- Barenboim, G. M., and others. - Photoelectric unit for recording characteristics of weak fluorescence, p. 263.
- Vershinskii, S. P., Zaplatnichenko, G. P., Tsihrin, Iu. A. - Scintillation detector for Gamma-radiation monitoring in a wide energy range, p. 274.
- Khakula, E. I. - Use of organic luminescent materials for colored photochemical reproduction, p. 277.
- Karamanova, I. S., Mal'nev, V. K., Khomulov, A. M. - Use of a daylight fluorescent color for improving visibility of the airfields of civil aviation, p. 284.
- Flame photometric method for the analysis of lithium compounds, p. 5.
- Kustas, V. L., Chuchinov, Iu. S., Ushakov, E. G. - Flame photometric analysis of lithium compounds, p. 16.
- Kustas, V. L., Shepeta, N. G., Ushakov, E. G. - Flame photometric analysis of cesium and rubidium compounds, p. 20.
- Shepeta, N. G., Kustas, V. L., Ushakov, E. G. - Flame photometric analysis of high purity lithium compounds, p. 26.
- Kustas, V. L., Kuznetsov, G. L. - Flame photometric determination of vanadium in vanadium pentoxide, p. 32.
- Mamonova, L. I., Kustas, V. L., Arkhipova, G. I. - Flame photometric method for the analysis of vanadium pentoxide, p. 35.
- Mamonova, L. I., Shepeta, N. G., Kustas, V. L. - Flame photometric analysis of sodium compounds, p. 40.
- Karpukhin, I. I., Fedorova, L. A. - Use of a photometric method of the analysis of solutions for the determination of the separation of rare earth elements, p. 44.
- Kazanskaya, G. V., Ushakov, E. G., Shepeta, N. G. - Optical and X-ray phase study of the products of chemical reactions in typical analysis of rare earth salts, p. 62.
- Kazanskaya, G. V., Moskal'chuk, I. K., Ushakov, E. G. - Use of the reagents in the analysis of rare earth elements in the spectral analysis of alkali metal salts, p. 67.
- Lavruskin, G. V., Shalimova, Iu. V., Ushakov, E. G. - Spectrographic determination of lithium, rubidium, and cesium in sulfonate compounds, p. 71.
- Kozlov, V. A., and others. - Spectrographic analysis of aluminum nitride, p. 87.
- Feduchina, A. P., Strikha, T. G. - Determination of microimpurities in rare earth compounds, p. 72.
- Lavruskin, Iu. G., Druzh, V. V., Fedorova, G. V. - X-ray spectral determination of rare earth elements in compounds, p. 77.
- Vulikh, A. I., and others. - Analysis of salt systems with the application of ion exchange, p. 80.
- Plotnikova, L. I. - Determination of lanthanum in solution by the method of quantitative titration, p. 85.
- Strikha, T. G., Plotnikova, L. I. - Complexometric determination of gadolinium in perchlorate solution, p. 88.
- Arkhipov, V. E. - Determination of europium in NaNO₃ solution, p. 92.
- Soyuzdin, M. G. - Colorimetric determination of molybdenum in chlorides, p. 95.
- Soyuzdin, M. G., Plotnikova, L. I. - Determination of aluminum in lithium fluoroborate, p. 98.
- Ushakov, E. G. - Determination of the lithium of valence in rubidium bromide, p. 101.
- Preobrazh, O. N., Kholina, N. I., Revzin, T. V. - Apparatus for solubility determination at high temperatures, p. 103.
- No. 10(10), 1967.
- Table of contents translated:
- Lavruskin, V. G., Plotnikova, L. I. - Determination of molybdenum in tungstate salts by means of ultraviolet, p. 5.
- Ilyusina, O. N., Karmukhanchikov, M. N., Nazarov, A. I. - Preparation of lithium hexaboride, p. 9.
- Preobrazh, O. N. - Preparation of the telluride of zirconium from electrolytic tellurium, p. 12.
- Ilyusina, O. N., Lavruskin, V. G., Shalimova, Iu. A. E. - Preparation of lithium tetraphenylborate, p. 17.
- Revzin, T. E. - Preparation and some properties of lithium, rubidium, and cesium phosphides, p. 21.
- Revzin, T. E., Arkhipov, G. M. - Preparation of molybdenum tribromide in carbon tetrachloride medium, p. 26.
- Revzin, T. E., and others. - Ion exchange synthesis of lithium tetraphenylborate, p. 31.
- Vulikh, A. I., Arkhipov, G. M., Shalimova, Iu. A. - Preparation of bromide and iodide alkali metal salts using hydrazine as reducing agent, p. 40.
- Kulshauer, S. A., Vulikh, A. I., Shalimova, Iu. A. - Vacuum-thermal synthesis of molybdenum and molybdenum compounds of alkali metals, p. 40.
- Shkolovskaya, Iu. M., Vulikh, A. I. - Preparation of high purity rubidium compounds from rubidium chloride, p. 54.
- Dogalyov, V. I., Vulikh, A. I. - Processing of sparingly soluble compounds by use of ion exchangers, p. 62.
- Krasovitskiy, Iu. S., Somendiaeva, N. K. - Double salts formed by rubidium and cesium anilates with lithium sulfate, p. 73.
- Mironov, K. E., Pogor, A. P. - Preparation of crystalline hydrates and anhydrous nitrates of the rare earth metals of cerium group, p. 80.
- Rupkin, Iu. D., Krivosheina, O. I., Korotkov, A. A. - Properties and methods of the preparation of aluminum nitride, p. 85.

1923- U. S. S. R.) Ministerstvo vysshego i
 ego spetsial'nogo obrazovaniia. Izvestiia vysshih
 nykh zavedeni, natshelevaia tekhnologiya [Min-
 istry of Higher and Secondary Specialized Education.
 Technology]. Moscow, no. 16(2), 1968.
 Table of contents translated:
 Mikhailovich Goldenski; on his 60th birth-
 day, p. 7.
 I. G. - Development of the food industry
 in the Soviet Union, p. 9.
 A. N. - Outline of the development of the
 food industry of the U. S. S. R., p. 14.
 A. M. - Effective distribution of enter-
 prises of the tobacco industry of the U. S. S. R.,
 p. 22.
 N. A., Videneva, I. K. - Biochemical
 bread-baking characteristics of awless wheat
 in, p. 22.
 G. E., Nechaev, A. P. - Oxygen and ter-
 tative oxidation of lipids in grain, p. 26.
 F. S. - Solubility of fatty acids in
 water, p. 30.
 A. N., Goriainov, M. I. - Fatty acids of
 butter stabilized by antioxidants after pro-
 longed storage, p. 41.
 M. A. - Electric conductivity and pH of
 aqueous glycerol solutions, p. 45.
 I. I., Ushakov, M. A. - Change in the
 composition of proteins in clear milk during ther-
 mal treatment, p. 47.
 S. Kh., Gabbasova, L. B. - Organic
 acids of pomegranate juice, p. 51.
 I. A. - Aspartic acid as a solution medium
 for an enzyme, p. 53.
 M. D. - Mechanism of antioxidant action
 of sulfuric acid in wine, p. 56.
 I. A. V. - Heat of mixing of water-ethanol
 mixtures, p. 60.
 S. I., Volkov, I. M., Vashchenko, I. A. -
 Solubility of some oxalates in the presence of
 ions, p. 64.
 N. K. - Diastatins of baker's yeast
 in wastes of flour milling, grain and confection-
 ery industries, p. 67.
 L. N., and others. - Effect of chlorhu-
 and nitrohumates on gas formation of yeast,
 p. 72.
 A. S., Zhilko, V. I. - Descending stopwise
 distillations of the drying of the grains of corn and
 maize, p. 75.
 G. I. A., Seregin, N. V. - Study on drying
 of grains in a fluidized bed, p. 77.
 I. F., Tolbovich, D. M. - Purification of
 alkali by electrolysis, p. 80.
 L. D., Mikhel'm, R. S., Zhura, K. D. -
 Study of ion-exchange membranes, p. 83.
 N. N., Ugorov, G. A. - Change in the
 porosity of the lamellar layer of corn during
 thermal treatment, p. 86.
 N. G. - Decrease of the concentration polariza-
 tion during electrolysis with ion-exchange
 membranes, p. 88.
 P. L., Maslov, V. A. - Relaxation
 behavior of acid pulp in the process of drying and
 aging, p. 90.
 B. N., Bogdan, I. V. - Characteristics
 of hydrogenation in a rotary apparatus, p. 94.
 K. N. - Quality of broth made from cooled
 frozen muscles of chicken meat, p. 97.
 A. P., and others. - Structural and
 functional properties of potato starch sizing,
 p. 100.
 M. S. - Impairment of the temperature and
 rate of sterilization, p. 104.
 V. I. A., and others. - Continuous saccharifi-
 cation and fermentation in alcohol production, p. 108.
 I. D., Tsygankov, I. S., Sukhodol, V. F. -
 Oxidation of crotonic aldehyde during the rectifi-
 cation and thermal treatment of ethyl alcohol,
 p. 111.
 V. V., Pavel'eva, I. G. - Effect of the physical
 chemical properties of gum on its extrac-
 tion in the production of pearl "pat" from apricot,
 p. 114.
 V. V., Sukhar', B. P. - Effect of the acoustic
 field on tobacco drying, p. 116.
 I. I., Timoshenko, E. A. - Effect of the
 drying method on Nicotiana rustica drying in a
 room with active ventilation, p. 120.
 K. D., Trubnikov, V. F. - Formula for
 determining the duration of tobacco drying, p. 123.
 A. V., Sorokin, A. I. - Semiconductor
 devices for the control of temperature in electric
 drying ovens, p. 126.
 I. I. - Kinematics of geared mechanisms with
 imposed additional motion, p. 127.
 S. I., Korzhov, V. N. - Analysis of the opera-
 tion of a mechanism for piecemeal feed of fish,
 p. 128.

Zubchenko, A. V., Kharin, S. E., Levin, I. N. -
 Nonstationary conditions of the formation of a new
 phase in supersaturated solutions of saccharose,
 p. 136.
 Zhura, S. K., Ostrovskii, I. N. - Steam formation in
 the process of boiling glucose solutions, p. 140.
 Konchuk, A. A., Slabnikov, V. N. - Hydraulic re-
 sistance of mass exchange apparatus with regular
 lamellar packings, p. 143.
 Sukhodol, I. P., Zadorozhnyi, B. A. - Rectification
 in a column with circular jet plates, p. 148.
 Ivanova, N. M., Begov, I. A. - Temperature charac-
 teristics of active conductivity of meat and some
 meat products, p. 152.
 Taulanov, L. I., Maf'tsev, M. L., Berezinskii, E. D. -
 Heat exchange in the evaporation of tomato prod-
 ucts in a descending film, p. 156.
 Toblevich, N. I., Shryl, O. N., Gritskova, V. T. -
 Optimum conditions of evaporation in single-
 cycle evaporators, p. 160.
 Nikolaev, L. K. - Comparison of continuous tube
 coolers of fat, p. 167.
 Avdeyukov, A. K., Tverdokhlebov, G. V. - Determining
 the degree of fat hardening of rich creams and
 butter by specific heat capacity, p. 168.
 Danodnev, V. I., Shinkarenko, A. I. - Spectropho-
 tometric determination of lactic and succinic
 acids in walnut oil, p. 171.
 Dolynchenko, V. A. - Calculating the iteration of
 auxiliary operations in the continuous use of inter-
 mediate products, p. 173.
 Zinov'ev, A. I. - Single-test determination of tem-
 perature and total hardness of water, p. 175.

No. 2(63), 1968.

Table of contents translated:
 150th anniversary of the birthday of Karl Marx,
 p. 7.
 Burdakov, A. V. - Combined food industry of the
 U. S. S. R., p. 9.
 Kuznetsov, P. A., Nikitina, L. V., Nefedov, V. K. -
 Problems of marketing edible fats in the U. S. S. R.,
 p. 17.
 Nikol'sev, A. P. - Selection of an economic condenser
 for the beer rectification column, p. 21.
 Gogolashvili, L. A. - Avocado culture, p. 25.
 Ushakov, M. S., Pustakov, T. E., Tatarikina, G. V. -
 Composition and kinetics of the hydrolysis of
 homocellulose and cellulose of cotyledons of peas
 and beans, p. 29.
 Valovna, A. N., Goriainov, M. I. - Deformation of the
 composition of fatty acids of butterfat with pre-
 liminary fractionation of methyl esters, p. 33.
 Nikonov, I. V. - Hardening of hydrogenated fat,
 p. 40.
 Rolko, L. M., Maf'tsev, P. M., Maltukhina, V. P. -
 Hydrolysis of unaltered barley proteins by proteolytic
 enzymes of malt, p. 46.
 Zherobakov, R. A., Zhurav, V. V. - Inactivation of
 β -amylase of barley malt by photooxidation, p. 48.
 Kul'nevich, V. G., Abramovits, S. V. - Behavior of
 furfural in aqueous solutions, p. 53.
 Zhidko, V. I., Alosnikov, V. I. - Effect of preheating
 of grain on its drying process, p. 58.
 Prokopenko, A. D., Itol'er, I. M. - Rheological prop-
 erties of the emulsion for sugar cookies prepared
 in a vortex disperser, p. 63.
 Zdanovich, I. L., Zelikman, I. F. - Adsorption of some
 nonsugars from syrups of the refined sugar produc-
 tion, p. 66.
 Trobin, L. I., Zhura, K. D. - Thermal stability of
 buffer sugar solutions, p. 71.
 Surkov, V. D., Komil'skov, B. A. - Effect of the
 cone shape of the homogenizing valve on the
 efficiency of milk processing, p. 73.
 Tverdokhlebov, G. V., Arvankov, A. K. - Quantitative
 phase analysis of butter fat glycerides and extra-
 rict cream, p. 76.
 Morozov, M. M. - Phase changes of buffalo butter
 fat during the manufacture of butter, p. 80.
 Mirgorodskii, B. G. - Vibration effect on the shaping
 of some cheese varieties, p. 82.
 Abduraykova, S. Kh., Lokareva, M. E., Rakhimova,
 B. V. - Method for the preparation of fermented
 hop extracts, p. 86.
 Skurikhin, I. M. - Substances determining ultraviolet
 absorption of cognac alcohols and cognacs, p. 88.
 Sokolov, A. A., Iusef, Kunal'. - Formula selection for
 the sterilization of canned foods, p. 94.
 Stefanovskii, V. M., and others. - Thermophysical
 properties of grainy black caviar, p. 98.
 Mokhnachov, I. G., Kamenchikova, S. V. - Carbonyl
 compounds of tobacco smoke, p. 101.
 Lobosov, V. M. - Designing a drive for mixers of
 fermentation baths taking into account angles of
 transmission, p. 107.
 Kostenko, G. N., Popova, T. M. - Generalized method
 for the calculation of energetic characteristics of
 multi-effect evaporators, p. 113.
 Malorov, V. V. - Effect of pressure on the intensity
 of heat exchange during forced circulation evapora-
 tion, p. 117.
 Omel'nik, V. G., Shigin, E. K. - Dynamic models

of the DDS diffusion apparatus with regard to the
 temperature channel, p. 119.
 Lomonov, G. E., Gorbatov, A. V. - Outflow of stuffing
 through cone nozzles, p. 124.
 Kornilov, I. G., Levin, B. K. - New regulator of
 the economy, p. 126.
 Mzina, S. G., Alekseev, I. U. A. - Analysis of the
 automatic control system of a rectification column,
 p. 128.
 Kharin, S. E., Perelygin, V. M. - Evaporation effect,
 p. 133.
 Fedotkin, I. M. - Duration of gas and steam-liquid
 flow in pipes, p. 141.
 Toblevich, N. I., Sagan', I. I., Porzhezhskii, I. U. G. -
 Conditions of liquid motion in a cluster of bubble
 tubes during evaporation, p. 147.
 Shinkov, A. K. - Theory of a spray breaker for the
 dispersion phase of suspensions, p. 153.
 Kuratov, A. G., Anoshin, I. M. - Testing of a vortex
 mass exchanger, p. 157.
 Sukhodol, I. P., Kryzhanovskaya, E. B. - Absorption
 of carbon dioxide by mono-ethanolamine
 solutions in a plate tower, p. 162.
 Kostin, G. F. - Change of the hovering speed of
 particles under constrained conditions, p. 167.
 Maslov, V. A., Sifov, V. S. - Determination of the
 coefficient of heat emission during the condensation
 of the vapors of extraction gasoline, p. 173.
 Maslov, A. M. - Laminar flow of Kerosen media inside
 a circular tube and in a space between parallel
 plates, p. 176.
 Dik, M. I. A., Brand, S. B. - Statistical calculation
 and analysis of the basic indices of fruit separation,
 p. 178.
 Kretov, I. T., Plechikov, A. I. - Isotherms of the
 desorption of vegetables and fruits, p. 183.
 Kondrat'ev, V. P. - Evaluation of an error of the
 horizontal opening of a trowel, p. 189.
 Kuchalova, M. F., Khachaturova, V. N., Kozlov, V. V. -
 Quantitative colorimetry of vanillin with p-nitrophenol-
 polyacryl in food products, p. 189.
 Pavlenko, I. M. - Determination of proteolytic activity
 of enzyme preparations, p. 191.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY].

Organ of Gosstatiznomyi komitet pri pishchevoi
 promyshlennosti pri Gosplano SSSR i Tsentralfnau
 pravleniye Nauchno-tekhnicheskogo obshchestva pi-
 shevnoi promyshlennosti [State Committee for the
 Food Industry, Attached to the State Planning Com-
 mittee of the U. S. S. R., and the Central Adminis-
 tration of the Scientific Technological Society of the
 Food Industry]. Moscow, vol. 42, no. 1, Jan. 1968.
 Table of contents translated:
 Klotman, G. I. - Economic reform in sugar, p. 1.
 Topic outline of the periodical "Sakharnaya promysh-
 lennost'" for 1968, p. 7.
 Toblevich, N. I., and others. - Studying the function-
 ing of an industrial evaporator under conditions
 of raised juice levels, p. 11.
 Vaisman, M. L., Gorokh, V. N., Iampol'skii, I. U. N. -
 Effect of juice level on the increase of its coloring
 during evaporation, p. 16.
 Trub, I. A. - Verifying calculation of a barometric
 condenser, p. 18.
 Trogu, V. G., Popov, V. D. - Kinetics of the growth
 of crystal content in massaculite during the
 crystallization of sugar in crystallizers with a
 cooling system, p. 22.
 Braun, G. V. - Improving the organization of the
 calculation and control of the quality of raw ma-
 terial, p. 27.
 Maslov, K. I. - Method for calculating an increase
 of sugar yield depending on a decrease in the
 quality of molasses and an improvement in the
 quality of syrup, p. 29.
 Kanevskaya, L. N. - Automation and control of inclined
 screw-type S-17 diffusors, p. 33.
 Nakonochnyi, A. I. - Utilization and repair of DDS
 diffusors, p. 38.
 Perovozov, V. M. - Practice in the use of S-17
 diffusors, p. 43.
 Kuls, V. I. - Increased economic incentive for the
 use of working capitals in sugar factories, p. 44.
 Berlovich, A. A., Samchuk, N. V. - Method for
 uncovered storage of boots, p. 46.
 Kravchuk, S. F. - Combined method for the produc-
 tion of crystalline glucose, p. 52.
 Oulak, N. G., Zelikman, I. F. - Electrolytic
 cleaning of hydrol, p. 53.
 Keleznikov, E. T., Nechiporenko, A. A., Ushnikov,
 B. A. - Improving the technological method for
 processing grain for the production of starch and
 alcohol, p. 55.
 Chukin, G. A. - Use of ion-exchange resins in the
 sugar industry of Japan, p. 65.
 Using domestic cartridge-type filters for the filtra-
 tion of syrup with the use of domestic koseguhr,
 p. 71.

Vol. 42, no. 6, June 1968.

Table of contents translated:
 Poltorak, P. V. - Increases caused by the decrease of
 sugar manufacturing costs, p. 1.

- Nekrasov, K. D., Mastenikova, M. G., Tarasova, A. P. - Heat resistant lightweight and aerated concretes. p. 10.
- Arabellian, A. A. - Use of lightweight concrete in hydraulic construction. p. 12.
- Kais, K. M., Rumyantseva, L. A. - Keramzite concrete for marine hydraulic structures. p. 15.
- Braselli, M. M., Vainer, B. B. - Prestressed members made of high-strength agglomerite concrete. p. 17.
- Nakarchev, V. V., Mlekovskaya, K. M., Trambovetskiy, V. P. - Stalyp reinforcement anchorage in aerated concrete. p. 21.
- Nashchukin, I. I., Chukanavichus, V. P. - Tension losses in prestressed reinforcement used in layer structures made of lightweight concrete. p. 24.
- Alekseev, S. N., Stepanova, V. F. - Protection of reinforcement against corrosion in lightweight concrete. p. 26.
- Tsiskareli, G. D., Piradov, A. D. - Standardization of elastic modulus of lightweight concretes. p. 28.
- Ivanov, I. A., Makrtin, N. I. - Precompression of porous aggregate and its tensile modulus in structural lightweight concretes. p. 29.
- Bagrin, S. F., Stepanov, E. I. - Electric heat treatment of wall panels made from lightweight concrete. p. 32.
- Helman, A. G., Dolzhinskii, V. A. - Production of large panels made from aerated concrete. p. 34.
- Serdukova, M. T. - Use of perlite in residential construction. p. 35.
- Kislovodsk, V. Sh. - Power line poles for mountainous regions. p. 37.
- Kudryavtsov, A. A., Mamet-Zade, A. M. - Carrying capacity of keramzite concrete columns under eccentric compression. p. 39.
- Musulov, S. A. - Keramzite concrete under the action of repeated loads. p. 41.
- Gerrids, L. A., and others. - Glazing of wall panels at plants. p. 43.
- Soldatkin, M. T., Maslakov, A. D. - Effect of moisture content in keramzite concrete products on their heating time during heat-moisture treatment. p. 44.
- Ivanov, I. A. - Conference on lightweight concrete in Poznań. p. 46.
- ГИДРОТЕХНИЧЕСКОЕ СТРОИТЕЛЬСТВО (HYDROTECHNICAL CONSTRUCTION).** Organ of Gosudarstvennyi proizvodstvennyi komitet po energetike i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti (State Production Committee for Power Engineering and Electrification in the U.S.S.R. and the Scientific Technological Society of the Power Industry). Moscow, vol. 36, no. 9, June 1966.
- Table of contents translated:
- Vasilievskii, G. A. - Operating experience in the Turbula-Nika Hydroelectric Power Plant. p. 4.
- Shramkov, K. A. - Estimating vibration limits for pipelines. p. 9.
- Lerner, V. I., Tsarenkov, A. V. - Tselm River dam made of prefabricated reinforced concrete elements. p. 15.
- Volskenskii, A. V., Glukhikh, K. V., Frohin, K. B. - Granulated slag Portland cement with low exothermic reaction for use in hydraulic engineering concrete. p. 20.
- Rhesin, G. L., and others. - Use of the photoelasticity method for the study of stresses in modern hydroelectric power plants. p. 24.
- Doblavskii, I. A. - Calculation of a monolithic circular tunnel lining. p. 31.
- Shchegolev, D. S. - Distribution of the cost of a hydraulic project among its users. p. 35.
- Tsiskareli, G. D., Vorhiskii, G. P. - Proposed standards on crack limits in hydraulic structures considering their durability. p. 36.
- Satenov, A. I. - Earth moving equipment on wheels. p. 43.
- Work program of the NTO Central Administration for 1966. p. 46.
- Makaveev, V. M. - Additional power losses in smoothly changing flows. p. 46.
- Skhachev, M. F. - Energy dissipation in a flow with continuous additional discharges along its course. p. 50.
- Krislov, Ikh, K. - Practical nomogram for sagging error correction in steel tape measurements. p. 51.
- Borovliskii, V. N., Chumachenko, V. N. - Results of an exhibition at the VDNKh on "Progressive practices in operating hydroelectric Power Plants." p. 55.
- Vadim Pavlovich Zakharov's 70th birthday. p. 58.
- Vladimir Vladimirovich Stolnikov's 80th birthday. p. 59.
- In memory of Vadim Mikhailovich Malyshev (1895-1938). p. 63.
- Tolkachev, L. A. - Damming of the Moryn River during the construction of the Tokogol Hydroelectric Power Station. p. 7.
- Altferov, A. N. - Lining of Yalta hydraulic tunnel. p. 10.
- Latina, I. U. A., Levitskii, L. L. - Cellular structures made of prefabricated reinforced concrete slabs. p. 13.
- Chilgartsheva, G. I. - Determination of temperatures of concrete lifts in dams under construction, taking into account the heat conductivity and heat conduction of foundation beds. p. 15.
- Kigan, I. A. L. - Compressibility of heavy chunk rock fill under big loads. p. 21.
- Baratovskii, B. N. - Deformation dependence of incoherent soil and its possible use. p. 24.
- Oleinik, A. A. - Calculation methods for intermittent drainages in earth dams built on previous foundations. p. 27.
- Lombardo, V. N. - Effect of foundation beds on the distribution of stresses in roundhead buttress dams. p. 29.
- Protsenko, I. D. - Operation of roundhead buttress dams in cold weather regions. p. 33.
- Oreshko, A. L., Alekseev, V. M., Gur'ev, P. I. - Experience with wooden emergency gates and results of their testing. p. 36.
- Vlasovskaya, N. N. - Accuracy of reservoir filling estimates. p. 38.
- Shramkov, K. A. - Hydraulic causes of vibrations in a hydraulic turbine block. p. 40.
- Vuzgo, M. S., Naliev, A. K. - Corrected formula for the calculation of local scouring by a falling stream. p. 44.
- Mikhailov, A. V. - Examination of the underground contour of hydraulic structures regarding overall seepage resistance of the foundation beds. p. 48.
- Ulin, A. P., Lopatin, N. A. - Proposed specifications on hydraulic transport of granular materials through steel pipelines. p. 49.
- Dorokhov, M. M. - Sealing control instruments and gauges in hydraulic structures. p. 53.
- Aravt, V. I., Stal'kovich, A. V. - Tenth All-Union Coordinating Conference on the Subject of Ground-Water Percolation Rate in Irrigated and Reclaimed Areas. p. 59.
- Iosif Andreievich Ter-Selentsurkin's 60th birthday. p. 60.
- Vol. 37, no. 12, Dec. 1966.
- Table of contents translated:
- High Awards. p. 1.
- In the President of the Supreme Soviet of the U.S.S.R. p. 1.
- Address to all workers of electric power plants, electric power and heating systems, construction and assembly organizations, enterprises, design, research and other organizations of the system of the Ministry of Power Engineering and Electrification of the U.S.S.R. p. 3.
- Voinin, L. A. - Volkhov Hydroelectric Power Station named after V. I. Lenin has been in operation 40 years. p. 5.
- Marchuk, A. N. - Promising trends in the construction of concrete dams on rock foundation beds. p. 9.
- Solov'ev, I. D. N. - Rates of construction of the concrete dam at the Bratsk Hydroelectric Power Station. p. 11.
- Kocharskii, B. G., Bradin, A. G. - Flood discharge during the construction of the Sergiev Hydroelectric Power Plant Complex. p. 18.
- Papchenko, S. N., Nezhnev, G. A. - Complex water-proofing and thermal insulation of hydraulic structures. p. 18.
- Evdikhinova, L. A. - Accelerator of spray concrete setting and hardening. p. 20.
- Mazurenko, L. V. - Static analysis of flexible pile graving structures. p. 23.
- Vidnec, I. D., Zil'vadnyi, D. S. - Checking the moisture content in earth fill structures by the heat capacity method. p. 25.
- Kremlov, G. N. - Studying rock jointing characteristics by hydraulic testing combined with grouting. p. 28.
- Lakovlev, P. F. - Deformation of a hydroelectric power station concrete spillway apron. p. 30.
- Bagolabova, M. M., Prosvetlov, M. M. - Declassing growth in service water supply pipelines. p. 32.
- Popov, I. A. - Economic efficiency of hydraulic earth structures with gentle, unreinforced slopes resistant to wave action. p. 33.
- Shverlov, A. V., Dublago, V. D. - Selection of optimal temperature conditions of mass concrete blocks rigidly fastened to their foundation. p. 38.
- Safonov, A. I. - Dump trucks of Soviet production. p. 43.
- Rheological properties of clay soils and the design of retaining structures. p. 51.
- Stolnikov, V. V., Fominykh, V. A. - Seventh Coordinating Conference on Hydraulic Engineering Concrete. p. 53.
- Avakian, A. B. - Scientific and technical conference on generalizing the experience acquired in the operation of hydraulic power plant complexes in dry regions. p. 54.
- Nikolai Iakovlevich Dentsov, obituary. p. 55.
- Nikolai Nikolaevich Dehunkovskii, obituary. p. 56.
- Vol. 37, no. 8, Aug. 1967.
- Table of contents translated:
- Largest in the world Krasnoyarsk Hydroelectric Power station soon to be in operation. p. 1.
- Gamus, I. M. - The generating unit of the Krasnoyarsk Hydroelectric Power Station. p. 3.
- Gul'perin, M. I. - Hydraulic turbines for the Krasnoyarsk Hydroelectric Power Station. p. 9.
- Burlakov, V. A., Liskun, E. E. - The optimal height of concrete lifts in gravity dam construction. p. 13.
- Epl'arov, A. P., Polnova, I. A. - Temperature requirements for massive concrete blocks with columnar joints placed on a concrete base of different age. p. 16.
- Zhukherko, N. A., Gorkun, L. M. - Effect of the transport and storage flowsheet on the quality of concrete aggregates. p. 19.
- Gravlin, I. U. A. - Model cavitation tests of bottom outlet turbine gates at the Krasnoyarsk Hydroelectric Power Station. p. 23.
- Gut'dyerg, A. M., Shiriaev, I. A. M., El'senson, S. N. - Investigating stresses in the lower part of the Krasnoyarsk Hydroelectric Power Station penstock. p. 27.
- Borovoy, A. A. - The Ninth International Congress on Great Dams. p. 29.
- Talcher, S. I. - Stability analysis of the rock abutments in arch dams. p. 31.
- Nosova, O. N., Zharvynyi, G. M. - Field investigation of seepage in existing dams. p. 35.
- Mamadzhe, G. P. - Studying dynamic water pressure on the upstream face of dams during earthquakes. p. 40.
- Glezin, M. D. - Preliminary selection of the profile for honeycomb concrete dams. p. 43.
- Gul'man, V. Kh. - Lateral pressure of backfills. p. 46.
- Zharik, I. A. - Building codes for rockfill dams. p. 49.
- Considerations on economic estimate problems. p. 51.
- Vaylov, A. S. - Defining more accurately the height measurement of rockfill dams. p. 55.
- Ginzburg, M. B. - Choice of high dam types for regions with high seismic activity. p. 56.
- Donskikh, L. K., Filimonov, N. A., Frid, S. A. - Conference on rock foundations of hydraulic structures. p. 60.
- Klimont Mikhailovich Zubrik, obituary. p. 61.
- Konstantin Alekseevich Rozanov, obituary. p. 62.
- Vol. 38, no. 1, Jan. 1968.
- Table of contents translated:
- Kadonukii, G. D. - Some aspects of full use and preservation of water resources in the Ukrainian SSR. p. 1.
- Zorlukov, V. I., Pavlov, E. F. - Prospects for full use of Prut River basin water resources. p. 6.
- Abramson, I. U. L., Tolkachev, L. A., Fishman, I. U. A. - Construction of two consecutive temporary earth dams for bypass flood protection on mountain rivers. p. 8.
- Voinin, D. A., Litsin, E. S. - Use of monitors for cleaning steep rocky slopes during construction of Chirvak Hydroelectric Power Station. p. 13.
- Kuzovlev, G. M. - Construction of rockfill dam with reinforced concrete membrane and asphaltic interlayer. p. 14.
- Korolev, V. M., Maksimov, K. I. - Studying flow distribution in grouting system and joints during dam grouting process. p. 17.
- Rezvazov, M. A., Pastovolova, T. K. - Stability of massifs on the edges of mountain river canyons. p. 21.
- Berezinskii, A. R., Pavlovskii, S. S., Rumyantsev, A. N. - Conditions giving rise to natural oscillations of a deep segment gate. p. 24.
- Gorlunov, I. V., Pervinskii, V. V. - Changes in ice and temperature conditions of the Lower Volga after the construction of the Volga Hydroelectric Power Station named after the 22d Congress of the CPSU and after formation of its reservoir. p. 26.
- Greshin, V. G., Koslovskiy, V. M. - Collapse of Volgograd Reservoir banks near the village of Lovchunovka. p. 30.
- Verbitskii, G. P. - Design of the concrete lining for a pressure tunnel with allowance for limited opening of fissures. p. 32.
- Vesolov, A. M. - Automation and remote control of deep pumping-out systems in hydraulic engineering. p. 39.
- Danilov, A. M. - Consecutive water supply in an industrial complex. p. 46.
- Safonov, A. I. - International exhibition of mining equipment "Intergormash-67." p. 51.
- Rashid Alyshevich Khindratskii, obituary. p. 58.
- Mikhail Filippovich Bugatkin, obituary. p. 59.
- Vol. 38, no. 7, July 1968.
- Table of contents translated:
- Matveev, E. S., Serebrianskii, V. M. - Architectural design of a hydroelectric power plant. p. 1.

- Petrov, G. N., Reifman, L. S., Lisin, E. S. - Constructing outer shells of a high head dam by placing rockfill material in thin layers with mechanical compaction. p. 7.
- Nikiforov, V. V. - Some methods used for laying earth material during winter time at the site of the Saratov Hydroelectric Power Station. p. 12.
- Kirillov, A. P., Safonov, V. B. - Investigating joints in precast reinforced concrete structures of the Saratov Hydroelectric Power Station. p. 14.
- Filozov, A. M., Safonov, V. B. - Ultrasonic detection of flaws in the joints between precast and cast-in-place members of a hydraulic structure. p. 19.
- Uvarov, L. A., Fradkin, L. P. - Studying the shear strength of concrete along construction joints of dams. p. 23.
- Razorenov, F. F. - Thermal conditions in the Dniep reservoir near its dam. p. 26.
- Panfilov, D. F. - Calculation of the passing capacity of dam spillway weirs. p. 32.
- Varazashvili, N. G. - Methods of prognostic abrasion transformations of reservoir banks in a mountainous region. p. 36.
- Dubrov, P. (U) - Expeditions calculation method of the variable flow in tail water of a hydroelectric power plant. p. 40.
- Lakovic, U. I., Lubenov, R. V. - New data of experimental studies of the soil pressure on rigid retaining walls. p. 43.
- Gulayev, I. N. - Methods for evaluating burrow piles, initial compaction, design and control characteristics of cohesive soils in impervious embankments. p. 47.
- Shul'nikov, V. V. - Ninth International Congress on Large Dams. p. 51.
- Abramov, V. L. - Developing equivalent length calculation method of a round conduit. p. 54.
- Verigin, N. M., Shevchuk, R. S. - Hydrology of surface and underground waters at the 14th General Assembly of the International Association of Geodesy and Geophysics. p. 58.
- Alexander Mikhailovich Eslusev; obituary. p. 60.
- L. ENINGRAD. VSESOIUNNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI. Izvestiya (All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin). Vol. 15, 1964.**
- Table of contents translated:
- Rakhmanov, A. N. - Turbulent flow regimes and rejected hydraulic jumps on highly rough aprons. p. 3.
- Dement'ev, M. A. - Hydraulic calculation of rectangular and uniform flows carrying suspended particles in their core. p. 33.
- Udelskiy, G. A. - Measures against cavitation erosion in baffle structures and apron of Novosibirsk Hydroelectric Power Plant. p. 50.
- Trifonov, E. K. - Nomograms for the calculation of unsteady water flow in open channels. p. 73.
- Shul'nikov, V. V., Sudukov, V. B., Morozova, G. V. - Use of slag Portland cement and pozzolanic Portland cement in concrete for frost resistant parts of hydraulic structures. p. 81.
- Roznov, N. S., Novikov, O. V. - Studying the stressed state of circular pressure funnels of the Aswan Hydroelectric Power Plant under a steady pressure of water. p. 103.
- Vasil'ev, P. L., Korotkov, I. I. - Effect of the temperature during the hardening of concrete on the increase of its instantaneous deformation modulus. p. 123.
- Plat, Sh. N., Sipozhenkov, I. B. - Temperature field of multilayer concrete wall-type massive blocks during construction. p. 143.
- Chernatkin, I. A. - Initial head drop at the bottom of damping surge tanks during disturbances in the steady regime of a hydroelectric power plant. p. 157.
- Goltsberg, A. M. - Stresses in a ponderable half-plane with a reinforced round hole near its rectilinear edge. p. 171.
- Rappoport, R. M. - Approximate solution of generalized two-dimensional and axisymmetrical problems of the theory of elasticity for multilayer media. p. 180.
- Arabulizhan, R. - Plastic strength of cement paste and the strength of cement stone as dependent on binder dispersity. p. 203.
- Pavlovskaya, L. N. - Modeling an irrigation system during studies of projected percolation rate by the electrical analogy method. p. 221.
- Pavlovskaya, L. N., Grigor'ova, V. A. - Experimental study of plane steady percolation by the electrical analogy method using electroconductive paper. p. 231.
- Krovosheina, M. B. - Effect of surface nonwettability, the magnetic field and an electrostatic charge on the resistance in smooth pipes. p. 243.
- Zadornyy, G. M., Petrovskiy, M. B. - Results of field observation of seepage conditions in the foundations of Uch-Kurgan Hydroelectric Power Plant concrete structures. p. 263.
- Mai'tsov, K. A. - Physical principles of the effect of cement water factor on the strength of concrete. p. 283.
- Shvachinskaya, A. M. - Determination of lifting forces for a flat cross beam emergency gate. p. 285.
- Vekaler, A. B., Donenberg, V. M. - Additional analysis of energy losses in a swift flow with fluctuating discharge along its way. p. 303.
- Mukalev, M. A. - Hydraulics of scoop water intakes operating under water exchange conditions. p. 313.
- MEKHANIZATSIYA STROITEL'STVA (MECHANIZATION OF CONSTRUCTION). Issued by Gosstroyeniyi komitet SSSR na delakh stroitel'stva and Tsel'noye pravleniye Nauchno-issledovatskogo obshchestva stroitel'noy industrii (State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific and Technological Society of the Construction Industry). Moscow, vol. 23, no. 7, July 1966.**
- Table of contents translated:
- Sonik, P. I., Tsyplik, S. G. - Unusual efficiency potential of earth-digging and transporting machinery. p. 1.
- Valskants, V. M. - Basic requirements of earth-digging machinery operating in Central Asia. p. 2.
- Melikhin, E. L. - Calculating a closed crushing cycle. p. 3.
- Starostin, S. M., Afanas'ev, A. A., Dronov, M. S. - Decreasing the harmful effect of vibration on the working personnel. p. 5.
- Aliev, S. S., Kulik, R. F. - Specialized transportation facilities for industrial construction. p. 7.
- Poltakov, V. I., Khodov, M. P. - K-402 and SKG-40 cranes. p. 9.
- Matskovich, A. F., Aramenco, A. P., Zoschuk, N. I. - Experience of using concrete pumps in industrial construction. p. 12.
- Tofte, A. G., Kolpashnikov, R. P. - Working small ground volumes with the help of suction dredges. p. 13.
- Rybachuk, G. A. - Device preventing the lifting of crane arms. p. 14.
- Kabrov, S. I. - Perfecting the pay system for construction machinery operators. p. 15.
- Kagan, I. A., Kir'akov, G. S. - Long-distance hauling of tower cranes. p. 16.
- Riznichenko, L. S. - Vibration installation for casting extra-long reinforced concrete structures in stand molds. p. 18.
- Kosolapov, V. G. - Drilling pile-driving units. p. 19.
- Golubchik, N. T. - Electric vulcanizer for repair of tires of E-153 excavators. p. 21.
- Chuchalin, L. K. - Modernization of the excavator steering system improved working conditions of machine operators. p. 22.
- Fronel', K. - Assembly of large-panel houses in villages. p. 23.
- Chernomir, M. M. - EKB swamp excavator crane. p. 24.
- Gurkovits, M. N. - Unit for straightening reinforcing rods. p. 25.
- Kulik, R. F. - Truck train for transporting sheets. p. 26.
- Skachkov, I. A. - PE-11 semitrailer for industrial construction. p. 26.
- Dymshits, M. R., Gurevich, E. I. - Gantry crane with a prestressed crossbar. p. 27.
- Podbor'skiy, L. E. - Fifth International Conference on Mechanization of Earthwork. p. 30.
- Standardization and application of load catching equipment. p. 32.
- Vol. 23, no. 10, Oct. 1966.**
- Table of contents translated:
- Folomskiy, I. A. E., Mezlevich, R. F. - High precision of assembly guarantees long life of structures. p. 1.
- Fridolov, E. F. - Mechanization of concrete work at the construction of the Andizhan Dam. p. 4.
- Deptarev, A. P., Urov, N. K. - Dismantling of dump mounds in the Donets Basin. p. 8.
- Pufflavov, I. E., Denisov, A. D., Shestakov, V. A. - Application of anticorrosion mastics. p. 10.
- Goncharov, I. V. and others. - Pile driving unit. p. 11.
- Kolomeis, A. V. - On prices of some construction machinery. p. 12.
- Gavrilenko, V. K., Poryvaev, A. P. - Machine for manufacturing panels from porous concrete. p. 14.
- Moroz, P. K. - Outstanding excavator operators in power plant construction. p. 15.
- Riklov, G. A., Mer, I. I., Konissarov, V. V. - Machine for leveling the slopes of drainage canals. p. 17.
- Popov, A. M. - Optimum distribution of machinery among construction sites. p. 18.
- Zelenitsa, L. I. - Contactless position indicators. p. 22.
- Volkova, A. E. - Present state and development prospects in the manufacture of mechanized and manual construction instruments. p. 23.
- Volkova, A. E. - New machinery. p. 24.
- Poltakov, V. I., Glazunov, V. N. - Gantry cranes with pneumatic wheels. p. 27.
- Folomeev, A. A. - Sixth conference on concrete and reinforced concrete. p. 28.
- Calculating the output of jib and tower cranes. p. 30.
- Vol. 24, no. 6, June 1967.**
- Table of contents translated:
- Davutov, V. A. - Development of building and road machinery construction during the past 60 years. p. 2.
- Davydov, G. D., Dubinin, V. I. - Introduction of drilling-rig driven piles at constructions in the Ukraine. p. 9.
- Makashov, L. N. - Thermochemical method of drilling boreholes for piling foundations in permafrost soil. p. 13.
- Targulim, I. O., Vysotskiy, D. P. - Shaking of shafts by pile driving machines in permafrost soils. p. 15.
- Dokholdin, R. V. - Apparatus for testing piling. p. 17.
- Kabrov, S. I. - Experience of adopting scientific organization of work by the Construction Mechanization Trust of the Kiev Main Municipal Construction Administration. p. 19.
- Lagudin, A. M. - Equipment for enlarging boreholes for piles built in place. p. 21.
- Egorov, I. P. - Unit for vertical vibration casting of concrete tubing. p. 22.
- Aleshin, N. I. - S-765 pneumatic paint sprayer. p. 23.
- Zelenitsa, L. I. - New equipment for pilework. p. 24.
- Orlov, A. A. - Hydraulic pressurized wrench for dismantling tractor parts. p. 24.
- Kamshilin, M. I. - Universal press for repair work. p. 25.
- Ganichev, I. A. - Equipment for pilework in England. p. 28.
- Vol. 25, no. 7, July 1968.**
- Table of contents translated:
- Izmailov, A. A. - Automating construction work. p. 2.
- Lyssenko, I. I. - Improving the operation of machines in rural construction of the White Russian S.S.R. p. 5.
- Korulev, V. V. - Improving technological flexibility in reinforcement production. p. 7.
- Dezyl, I. M., Shul'skiy, I. R. - Automatic clutch brake for truck cranes. p. 8.
- Tavrizov, V. M. - Using suction dredges for working soils containing boulders. p. 11.
- D'yachkov, E. - Tractor-mounted sorter of crushed stone. p. 13.
- Faitol'son, S. Kh., Feofolov, V. F. - Mechanized joint plant. p. 14.
- Larionov, M. T. - Specimen devices for producing hollow concrete blocks. p. 16.
- Volshtokov, N. N. - Clamp for handling concrete and reinforced concrete products. p. 17.
- Aizenshteyn, V. S. - Repairs of construction machines. p. 19.
- Porozov, V. I. - Automating processes for the casting of reinforced concrete products. p. 20.
- Mekler, M. B., V. L. Shupovalov, foreman of an assembly crew. p. 22.
- Dmitriyev, I. D. - Effectiveness of electric buffing of suction dredge parts. p. 23.
- Dandel', D. A., Mekler, S. K. - Experience of the Mosstroymekhanizatsiya Trust of the Glavstroy in using new methods of planning and economic stimulation. p. 24.
- Bakholdin, D. V., Kosolapov, V. G. - Equipment for constructing club-footed concrete piles. p. 28.
- We congratulate N. G. Dombravskiy on his 70th birthday. p. 32.
- Vol. 26, no. 8, Aug. 1968.**
- Table of contents translated:
- The history of construction workers. p. 2.
- Rubashov, N. I. - Use of construction machinery at the Pskov Rural Construction Trust. p. 6.
- Slavov, I. B. - Complex mechanization of the installation of mastic roofing. p. 8.
- Dzhavashvili, A. G. - The strength of return valves in hydromechanization assemblies. p. 7.
- Borovik, I. M. - Determining the residual elastic construction machinery. p. 9.
- Novitskiy, A. A., Gulin, E. F. - Improving operational qualities of S-588 mortar mixer. p. 12.
- Proshin, A. P., Chulko, A. V. - Mixers for manufacturing high-strength plastic concrete mixes. p. 13.
- Fridov, V. S. - The five-year plan goals should be fulfilled ahead of schedule. p. 14.
- Volkova, A. E. - New construction and road building machinery. p. 15.
- VVP-20/11 vibration pile driver. p. 17.
- Mamonov, N. P., Parkhomovskiy, A. S., Fedorov, V. P. - Reprocessing used steel cables. p. 18.
- Lakhov, P. K. - EG-400 universal single bucket excavator. p. 20.
- Drozov, V. I., Kirakosyan, G. P. - Self-propelled drilling machines. p. 22.
- Ordelt, M. A. - New types of manual electric instruments. p. 23.
- Ben'iminov, S. L. - Universal self-propelled seal-lifting. p. 24.
- Morozova, O. A. - Slope shaping attachment to the multi-bucket trench-digging excavator. p. 25.
- Kaganovich, E. M. - Continuous-action pumps for transporting mortar. p. 26.
- Baryshnikov, I. A. - New method of joining metal tubing. p. 28.
- Baryshnikov, I. A. - Manual riveting hammer with automatic rivet feed. p. 28.

- frames from elastoplastic material, p. 1.
 Smirnov, S. A. - Rod analogy of the net point method, p. 7.
 Igarka, G. B., Trofimov, V. L. - Distribution of stresses in three-dimensional rod structures, p. 10.
 Varyak, M. Sh., Dekhtlar, A. S. - Carrying capacity of orthotropic shells, p. 14.
 Nemtsovskii, B. Ia. - Probability calculation of flexible slanted shell, p. 17.
 Mirzabekjan, B. Iu. - Determining the lower limit of the carrying capacity of shells, p. 21.
 Sobolev, D. N., Falans, B. L., Sheinin, V. I. - Calculating plates resting on statistically non-homogeneous base, p. 24.
 Samarin, V. G. - Limiting equilibrium of plates with ribs, p. 27.
 Stifanov, N. M. - Calculating flexible coverings with large deflection, p. 28.
 Trifun, G. A. - Calculating reinforced concrete with the aid of the moment theory of elasticity, p. 30.
 Gensik, G. A. - Some problems of the dynamics of compressible rigid elastoplastic medium, p. 32.
 Kovach, V. A. - Determining probable characteristics in vibrations of a guy netting, p. 35.
 Nemzov, V. S. - Determining frequencies of natural oscillations of spherical cupolas with pinched edges, p. 40.
 Pincov, S. A. - Calculating bridges using statically undefinite basic systems, p. 42.
 Kuznetsov, A. M. - Some relations in Coulomb theory, p. 44.
 Arkhipov, V. A. - Carrying capacity of slanted cylindrical shells, p. 46.
 Passek, V. V. - Errors committed in designing bridge supports, p. 47.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]

Organ of Ministerstvo promyshlennosti stroitel'nykh materialov SSSR [Ministry of the Building Materials Industry of the U.S.S.R.] Moscow, vol. 13, no. 5, May 1967.

- Table of contents translated:
 Baklanov, G. M. - Stages in a great journey, p. 2.
 Putepki, F. T., Shern, A. L. - Economic conditions at the plant, p. 5.
 Klueharisev, B. V., Dudko, A. A. - New mobile crushing and grading plants for gravel, p. 7.
 Rier, I. Ia., Khomitskii, E. M. - Improving boring and blasting operations, p. 10.
 Lenson, A. I., Zaymrozhets, V. B. - Automatic control and regulation of the drying of cob-brick in compartment kilns, p. 11.
 Lomunov, K. F., Shvaritskii, M. S. - Is it advisable to leave the air in autoclaves? p. 14.
 In the Ministry of the Building Materials Industry of the U.S.S.R., p. 15.
 Shchegolev, G. F. - Major condition for the effective growth of industry, p. 16.
 Volkov, Ia. V. - "Finishing materials in construction" exhibition, p. 18.
 Davydova, F. L., Habinovich, V. Sh. - Economic effectiveness of using asbestos cement pipes for gas pipelines, p. 20.
 Gladkov, V. S., Ivanov, F. M. - Shelly sand as concrete aggregates, p. 22.
 Rozavskii, V. S., Isakovich, G. A. - Process of fiber formation when using the spinneret verticiblowing method in the production of mineral wool, p. 23.
 Ustecko, A. A., Spirin, Iu. L. - Mineral fiber formation when using the spinneret verticiblowing method, p. 26.
 Lishila, A. V., Popov, L. N. - Effect of ferric oxide on the production of keramzit of a given volumetric weight from various types of raw materials, p. 27.
 Gorskikh, V. S. - Hydration properties of merwinite, diaspore, rhodonite, and apatite, p. 31.
 Samokha, I. A. - Using organosilicon compounds for imparting hydrophobic properties to bricks susceptible to frost action, p. 33.
 Trends in the development of lime and gypsum industries, p. 35.
 Increase the output and improve the quality of aggregates, p. 37.

Vol. 13, no. 7, July 1967.

- Table of contents translated:
 Characteristics of the anniversary year, p. 2.
 Ietchenko, I. Ia. - Reviewing the development of industrial enterprises, p. 2.
 Vlasov, N. I. - Plans of the scientific organization of labor and the results of their introduction, p. 4.
 Mikhal'tov, V. I., Evseev, V. M. - Dredgers operating on the air lift principle for working sandy and gravel deposits, p. 5.
 Tabunshchikov, N. P. - Perfected charging devices improve the performance of shaft kilns, p. 8.
 Perekopskii, I. P. - Efficiency of erecting houses from brick panels, p. 10.
 R'inskii, B. P., Shchislis, A. G. - Healing open pits in the winter by introducing salts into the soil, p. 11.
 Gindva, I. M., Potashnik, G. M. - New system of awards at installations, p. 13.

- Makarichev, V. V., Rehtar, Ia. A., Evling, P. V. - Manufacture and use of small autoclave wall blocks, p. 15.
 Levin, M. I. - Porous concrete stones in low-story construction, p. 17.
 In the Ministry of the Building Materials Industry of the U.S.S.R., p. 20.
 Khidzevich, M. I. - Building materials made from burned bark, p. 21.
 Baz, M. A. - Calculating the optimal drying regime in tunnel dryers, p. 22.
 Bikhshetin, I. A. - Conditions for improving the drying of cob brick, p. 24.
 Vinogradov, B. N. - Interaction of foamed perlite with binders during the hardening of lightweight concretes, p. 25.
 Pflamer, O. E., and others. - Basic structural properties of mastic seals, p. 28.
 Alekseev, G. I. - State symbol of quality, p. 30.
 Ivanovskii, I. L. - Increasing the frost resistance of brick and tile, p. 31.
 Gil'denberg, Z. G. - Architectural rendering of porous concrete panels, p. 32.
 Khakhapastev, G. K. - New effective finishing materials, p. 33.
 Parfenov, A. P., Zelenkii, V. F., Gorskikh, V. E. - Device for estimating the breaking strength of building materials, p. 34.
 Zelenkova, A. F. - Self-balancing holding device for testing concrete samples for axial tension, p. 35.
 Fedorov, V. A., Khvorostil'skii, V. F., Malinina, L. A. - Laboratory device for testing the properties of concretes in thermal processing, p. 37.

Vol. 14, no. 8, Aug. 1969

- Table of contents translated:
 Builder's Day, p. 1.
 Building materials industry should accelerate its development tempo, p. 1.
 Ruzhik, A. A. - Plan of a new plant and production milestones, p. 7.
 Gorenman, L. B. - Means to raise the technical level of designing, p. 8.
 Kapachauskii, M., and others. - New technology of keramzit sand, p. 10.
 Tretyak, M. A., Khlyuk, S. I. - Electrostatic precipitator for continuous cleaning, p. 12.
 Kariuk, G. G., Ostinski, B. I. - Synthetic diamond tool for stone working, p. 14.
 Alderov, G. D. - Improving the drive of SM-24 line grinding rollers, p. 16.
 Davgopol, V. I. - Make wider use of metallurgical slag, p. 17.
 Uteshev, V. A., Chulok, V. R. - Processing blast furnace slags with three stage recovery of metal, p. 18.
 Flor, L. S., and others. - Processing slag molts with additives in a continuous converter, p. 20.
 Hrachonko, Iu. M., Tseluiko, M. K. - Ultrasonic stabilization of blast furnace slags, p. 21.
 Govin, A. A., Butalov, A. I., Novokhol'skii, D. P. - Hydration of granulated blast furnace slags in overacidic aqueous solution, p. 22.
 Likhov, E. A. - Recovery of asbestos fibers during ore drying process, p. 23.
 Rozavskii, L. D., and others. - Painted from phosphorus furnace slags, p. 24.
 Reznikov, L. N. - Processing phosphorus furnace slags, p. 26.
 Chebnikov, M. F., Ignat'eva, L. P. - Structural gypsum as a by-product from the production of boric acid, p. 27.
 Gned, M. F. - Mechanized removal of ceramic blocks and dicalophos from a press, p. 28.
 Dudareva, B. F., Kostenevich, N. K. - Machine for making drying frames, p. 29.
 Baranovskii, I. P. - Scarifying mechanism, p. 29.
 Rodnikov, P. F., Zhukov, A. V., Krupa, A. A. - Improving structural properties of expanded perlite sand, p. 31.
 Kvat'nev, K. K. - Feldspar sand autoclave products and their properties, p. 33.
 Pak, N. V. - Effect of humidity on heat conductivity at freezing temperatures, p. 35.
 Morozov, Iu. L., Panin, A. S. - Estimating the life of foamed phenol plastic by the method of accelerated heat aging, p. 37.
 Potinkovskaya, A. I., and others. - Fluidized-bed kiln technology for keramzit sand production, p. 38.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Gosudarstvennyi proizvodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.] Moscow, vol. 13, no. 3, Mar. 1968.

- Table of contents translated:
 Expand competitions for fulfilling the five-year plan ahead of time, p. 1.
 Lavrov, G. E., Ushakov, A. P. - Some conclusions and recommendations based on experience in building the northern part of the Ural-Balk-Orsk petroleum line, p. 4.
 New gas and petroleum pipelines, p. 4.
 Bounikov, R. M., Leonov, V. V. - Efficient methods

- of laying pipelines through swamps, p. 7.
 Kotovskii, S. R. - Possibilities of decreasing the amount of steel in the construction of oil tanks, p. 9.
 Letichko, V. S., Gendly, V. Ia., Ivanova, Z. S. - Accelerating the thermal processing of materials for construction sites in Tumen Province by electric heating of a concrete mixture, p. 11.
 Spiridonov, V. V., Gekhtman, A. S. - Studying the performance of pipelines in the northern part, p. 14.
 Levin, K. I., and others. - Effect of frost action on the fatigue strength of metal built up by the weaving arc method, p. 16.
 Lyschila, L. S. - Calculating the reinforcement of lines in brittle lattices, p. 18.
 Kulakov, P. M. - Stability of thin-walled cylindrical shells, p. 23.
 Kuznetsov, M. Kh. - Coefficient for determining the level of scientific organization of labor, p. 24.
 Kirichenko, V. E. - Result of using initial stresses in the process of labor management, p. 26.
 Golovin, Iu. A. - Laying an underwater pipeline along a diameter of 1220 mm, with a small amount of personnel, p. 28.
 Babashin, S. P. - Using the "Thermos" method for road construction in Surgut, p. 30.
 Smirnov, V. A. - Using variable formwork for laying, p. 30.
 Galovitskii, V. I., Muzur, E. M. - Using a pipeline in the field construction, p. 31.
 Kamaev, R. Z. - Resonance work at a stationary site, p. 32.
 Wehling and filling operations in laying a pipeline along a 1220 mm diameter, p. 34.
 Dardak, I. I. - Flat slant-stroke blow of pipes, p. 37.
 Il'inskiy, A. A., Nechayev, M. A., Shchegolev, S. A. - It is necessary to put industry on the track of designing and building gas pipelines, p. 38.

Vol. 13, no. 6, May 1968.

- Table of contents translated:
 For the good of our country, p. 1.
 Socialist obligations of the workers of the Ministry of the Gas Industry for ahead-of-schedule fulfillment of the five-year plan and responsibility in the honor of the centennial of the birth of V. I. Lenin, p. 6.
 Work program for the creation of super gas pipelines and gas pipelines, p. 11.
 Viktorov, V. V. - Preparing for the construction of the Mesnyanka - Bulbuka - Noril'sk gas line, p. 12.
 Polukhin, V. P., Danilovskii, I. A. - Machine for machines in pipeline construction, p. 14.
 Smirnov, V. Ia. - Use of models in planning the organization of construction work, p. 16.
 Fedorov, B. N., Glushakov, E. A., Molodtsov, K. A. - Creating underground reservoirs by the method of leaching with the use of granular materials, p. 17.
 Samoilovskii, V. N., Glushakov, E. A. - Construction of underground reservoirs in pre-blasted holes, p. 20.
 Bekker, A. Ia., and others. - Improving the efficiency and equipment of the explosion welding of pipes of the Ural - Turan gas pipeline, p. 21.
 Zhukov, I. T., Buchanin, N. F. - Construction of and insulating pipe sections with diameters of 1400 mm, p. 24.
 Shekter, I. B., and others. - Assembly of gas pipelines in the compressor station of the Ural - Turan gas pipeline from Soviet Central Asia to the Far East, p. 27.
 Avdeyev, Z. Ia., Kulshayev, A. V. - Assembly of stabilizer columns by 130-ton towers, p. 29.
 Malyshev, D. P., Anisimov, Iu. G. - Industrializing the construction of field facilities, p. 32.
 Pankov, N. V., Pankov, R. S. - Constructing the spray, p. 34.
 Applying insulation on 1220 mm. pipes, p. 35.

Vol. 13, no. 7, July 1968.

- Table of contents translated:
 Grozov, N. V. - Construction work in the gas industry should be carried out by permanent highly qualified personnel, p. 1.
 Kuznetsov, Iu. M. - All-Union economic centers and economic reform in construction, p. 6.
 Vovchenko, N. I. - Development of the enterprises of the construction industry in the current decade, p. 6.
 Zhelevich, A. M., Polov, I. P. - Some parameters of superlarge gas pipelines, p. 10.
 Chervonchenko, V. P. - Preventing sand blowouts in the construction of pipelines in deserts, p. 11.
 Kuznetsov, B. A., Turov, V. A. - Testing precast elements of a tank of liquefied gases, p. 13.
 Ivanov, V. V., Vinnitskii, G. I., Dubinskii, I. S. - Designing communication tunnels in proposed territories, p. 18.
 Sarychev, V. S., Oychunikov, V. L. - Comparing economic effectiveness of the use of pipes of various materials for winter conduits, p. 23.
 Plans for further development of underground gas storage reservoirs, p. 26.

- Krasnodinov, M. Kh. - Welding and sealing small diameter sections on a centralized base. p. 27.
- Tavrizov, V. M. - Cutting underwater trench with the use of a powerful hydraulic dredge. p. 29.
- Mozil'alskiy, I. U. M. - Realization of plans for the industrialization of gas field construction. p. 32.
- Gumerov, N. Kh. - Hygienic evaluation of working conditions in the operation of pipelaying machines. p. 38.
- Dinov, A. - Regional conference on labor protection. p. 37.
- Galutin, S. - Estimation of projects based on the ratio of the amount of prefabricated elements to the general volume of construction elements. p. 38.
- VLADIVOSTOK. DAL'NEVOSTOCHNIY NAUCHNO-ESLEDOVATELSKIY INSTITUT PO STROITELSTVU. Sbornik nauchnykh rabot [FAR EASTERN SCIENTIFIC RESEARCH INSTITUTE FOR CONSTRUCTION. Papers]. No. 6, 1981.**
- Table of contents translated:
- Vasil'ev, E. A., Orlova, M. V., Sukhova, V. I. - Landscaping problems of Vladivostok. p. 3.
- Vasil'ev, E. A., Smirnova, G. N. - Layout of residential buildings in complex relief. p. 15.
- Kerzhakov, V. M., Arlov, A. A. - Smiling strength characteristics of reinforced concrete beams for roofing industrial buildings. p. 40.
- Korshunov, N. V. - Structural properties of the bamboo from the Kuril Islands. p. 49.
- Koren', L. I. - Investigating the possibility of producing porous materials from boronite raw material. p. 53.
- Pechkovskiy, G. P. - Design of a reinforced concrete beam considering its rigidity changes with time. p. 60.
- TSvid, A. A. - Wind direction and velocity as a factor determining the climate of the Pacific Coast. p. 75.
- TSvij, A. A., Guterova, O. P., Mazura, S. N. - Results of the first year observations in Vladivostok microclimate. p. 83.
- TSvij, A. A., Danilov, V. A. - Quantity of moisture on vertical surfaces as related to wind velocity and precipitation. p. 92.
- Prok, A. U. - Determination of air humidity when calculating moisture conditions of enclosing structures. p. 106.
- Fedorov, V. I. - Development of the basis for the construction industry of the Maritime Territory during the current seven-year plan. p. 112.
- Fedorova, N. I. A. - Collapsing of sand foundation fills on heaving ground. p. 117.
- Chernenko, V. G. - Regulation of high runoff of the rivers in the Far East by industrial and flood-control reservoirs. p. 120.
- Sal'nikov, P. I. - Rainfall parameters for the calculation of storm runoff in Transbaikalia. p. 130.
- Chernenko, V. G. - Calculation parameters of the high runoff of the rivers in the Far East. p. 150.
- Zhuravlev, I. U. V. - Technical and economic efficiency of hydraulic structures on the coast of the Sea of Japan. p. 105.
- Garlsman, I. N. - Characteristic pattern of the drainage network of the Zoya River basin. p. 210.
- Kapallush, V. F., Kanavskaya, G. N. - Water resources of the Maritime Territory. p. 218.
- Adanichuk, K. A. - Development of physicochemical concepts in concrete technology. p. 227.
- Skorik, D. I. A. - Gas-nail concrete from local raw materials of the Maritime Territory. p. 233.
- Adanichuk, K. A., Skorik, D. I. A. - High-strength lime concrete. p. 236.
- Proskornikov, V. G. - Means to improve the technology and organization of small construction projects in the Maritime Territory. p. 239.
- Korlov, N. P. - Developing industrial methods of construction in Kamchatka. p. 249.
- Iskhaniy, G. S. - Peculiarities of production and organization in construction work in mountainous regions. p. 250.
- Zhuchikov, O. A. - Consideration of local conditions in planning construction work. p. 268.
- Nesterenko, O. I. - Fuel consumption for heating residential and public buildings under climatic conditions of the Pacific Coast. p. 270.
- VOJDSNABVNIENIE I SANITARNAJA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING].** Issued by Gosudarstvennyy komitet Soveta Ministrov SSSR po dolam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no. 5, May 1987.
- Table of contents translated:
- Vasil'ev, S. N., Stoshenko, A. L., Kholkevich, S. G. - Developments and achievements in the industrialization of the sanitary-engineering branch of construction during the last 50 years. p. 1.
- Efimenko, E. D., Shestakov, D. S. - Experience in adjusting the operation of clarifier tanks. p. 7.
- Sarma, B. I. A. - Methods of determining the dissolved oxygen content in not yet investigated rivers. p. 9.
- Popov, V. S. - Modern methods of regulation in water supply systems. p. 12.
- Zhukov, A. I., Karpukhina, R. I. - Retreatment of waste water containing mazut. p. 15.
- Gorodishcher, Z. I. A., Babukov, V. I., Aramenko, N. G. - Drum-type screen filters in city waterworks. p. 18.
- Mitkeev, O. P. - Efficiency of automatic pumping stations under various operating conditions. p. 22.
- Karpe, E. E. - Thermal calculations of cooling spray chambers. p. 27.
- Netruk, L. I. - Graph for the quantitative regulation of the heat exchanger in a room air-conditioner. p. 32.
- Shepelev, I. A., Gel'man, M. A. - Ventilation currents flowing from rectangular outlets. p. 33.
- Marmokh, E. K., Guskii, M. I. A. - New type of heating radiators. p. 37.
- Makarov, V. D. - Exhaust valve for a crucible furnace used in lead and zinc smelting. p. 38.
- Gunter, L. I., Grigorov, N. M. - Third International Conference on Wastewater Purification and Reservoir Protection. p. 3 of cover.
- No. 3, 1988.
- Table of contents translated:
- Vasilev, M. D., and others. - Choice of optimal parameters for adiabatic desalination apparatus. p. 1.
- Ashtan, V. V., and others. - Test results of an experimental industrial desalination apparatus for seawater with preliminary thermochemical treatment. p. 4.
- Avorukh, I. A. D., Filippov, S. N. - Thermodynamic analysis of a distillation-desalination apparatus with centrifugal thermocompressor. p. 8.
- Abdumayev, Kh. A., Erofeev, A. V. - Desalination of salt water by freezing method. p. 12.
- Choptsov, A. S., Kostuk, V. I. - Phase diagrams of the system dichlorodifluoromethane - aqueous salt solution. p. 13.
- Medvedev, I. N., Starygin, V. S. - Calculation of material balance of the crystallization desalination apparatus. p. 16.
- Usinkov, L. D. - Determination of standard parameters for desalination electrodialysis apparatus. p. 18.
- Konstantinova, V. D. - Use of EMVS-6 electrical analyzing apparatus for calculation of air exchange and heating systems in buildings. p. 24.
- Tilova, G. I. A. - Thermal calculation of industrial boiler heating systems by Uril-2 computer. p. 28.
- Andraev, V. N., and others. - Technical and economic principles of the selection of ventilation-heating systems for animal husbandry buildings. p. 31.
- Kagan, L. I. - Heating of staircases by recirculating-air heating units. p. 35.
- Sedukov, D. U. - Design of prefabricated heat insulation. p. 36.
- No. 5, 1988.
- Table of contents translated:
- Ivanushin, G. I. - Results of pilot plant testing of sand filters used for waste water purification. p. 1.
- Apel'skiy, I. E., Kucherenko, D. I. - Determination of the reagent dosage necessary for the reoxidation and recarbonization of water in return water systems. p. 5.
- Fridman, R. A., and others. - Purification of waste waters in polystyrene plastic production. p. 8.
- Spruk, V. M. - Reagent clarification of mine waters in Karaganda Coal Basin. p. 11.
- Lerin, A. M., Rodin, A. K., Kalagin, I. A. - Arrangement of gas filtered radiators in a room to be heated. p. 15.
- Kokorin, O. I. A., Koval'chuk, I. A. - Basis for the selection of ejector coolers. p. 17.
- Trub, I. A., Gridneva, Z. S. - Selecting the type of an exhaust device for vacuum deaerators of heating system boilers. p. 22.
- Rykhter, E. V. - Ejector scrubber for trapping fine dust. p. 25.
- Oliver, I. I. - Calculation of vacuum deaerators with steam bubbling. p. 28.
- Makarov, I. G. - Use of microporous rubber as gasket and seal material. p. 34.
- Razumov, G. A., and others. - Radial water intakes in the Polish People's Republic. p. 35.
- First interpublican Scientific Technical Conference on the Heating and Ventilation of Farm Structures. p. 38.
- VOПРОСЫ ВОДНОГО ХОЗЯЙСТВА И ГИДРОЛОГИИ УРАЛА [PROBLEMS OF THE WATER ECONOMY AND HYDROLOGY OF THE URALS].** Issued by Otdel vodnykh resursov Ural'skogo filiala Akademii nauk SSSR [Department of Water Resources of the Ural Branch of the Academy of Sciences of the U.S.S.R.]. Sverdlovsk, no. 1, 1981.
- Table of contents translated:
- Gvozdev, V. S. - Work of the commission on water supply engineering. p. 3.
- Bogatyyev, V. D. - Regulation of the flow of small rivers in the southern part of the trans-Ural region. p. 11.
- Moskvina, E. T. - Evaporation from water surfaces in the territory of the Southern Urals. p. 23.
- Malabanova, Z. M. - Irkutskiy Reservoir on the Ural River. p. 33.
- Barskov, S. I., Druk-Levinson, T. L., Pravdin, E. P. - Artificial biological purification of city sewage in conditions of the Ural region. p. 48.
- Lukin, V. S. - Pollution of the Kama River by salted waste from the Izhmash-Solikamsk Industrial region and prospects for its control. p. 69.
- Gvozdev, V. S. - Power engineering in the old industrial Urals (18th and 19th century). p. 73.
- ZHILISHCHNOE I KOMMUNAL'NOE KHOSIAISTVO [HOUSING AND COMMUNAL SERVICES].** Issued by Ministerstvo kommunalnogo khoziaistva RSFSR and TsK Profsojuza rabuchikh kommunal'no-bytovykh predpriyatiy [Ministry of Communal Services of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of Communal Service Enterprises]. Moscow, vol. 18, no. 2, Feb. 1988.
- Table of contents translated:
- Dolov chid of the Soviet Union. p. 1.
- Results of the Sixth Conference of the Trade Union of Workers of the Local Industries and Municipal and Service Enterprises. p. 2.
- Expand socialist competitions for the ahead-of-schedule fulfillment of the five-year plan. p. 4.
- Klyatov, F. - Five years without subsidies. p. 4.
- Isidorov, M. - Scientific organization of labor at the Kotlakov collective. p. 6.
- Brener, M. - First results, first problems. p. 7.
- At work as to battle. p. 8.
- Farbeyev, V. - Man out of a legend. p. 10.
- Ditchev, M. - Three men from Tyumen. p. 11.
- Markov, F. - There where the Red Army was born. p. 13.
- Shecherbakov, V. - Pacetime vigil of a hero. p. 14.
- Rachevskaya, M. - And electrification. p. 14.
- Martinson, R. - Mobilized and called upon by the revolution. p. 15.
- Cabinet gas meter. p. 16.
- Efficiency promoters suggest. p. 17.
- Minkurov, A. - Seventy years later. p. 18.
- Frolov, N. - New city-cleaning machinery. p. 19.
- Zvezdin, A. - Estimating the cost of operating machinery used by municipal managers. p. 20.
- Mobile asphalt concrete mixer. p. 21.
- Dabak, I. U., Tulayev, A. - Drainage pipe filters for drying pavements. p. 22.
- Village on a conveyor. p. 23.
- Mitroshchenko, I. - Using equipment with concreting combines for manufacturing curbs. p. 24.
- Ivanov, V. - Five-year plan and preventive maintenance of apartment buildings. p. 26.
- Zhirov, V., Ilyukin, S. - Dual protection of outgoing lines. p. 29.
- Agranovskiy, R., Turvskiy, I. - Centrifuging and using centrifuges for reusing active still from waste waters. p. 30.
- Zedgizidze, A. - New stop valve for flush tanks. p. 31.
- ZHILISHCHNOE STROITELSTVO [HOUSING CONSTRUCTION].** Organ of Gosudarstvennyy komitet po gradostroyeniю i stroitel'stву i arkhitekture pri Gossove SSSR and Tsentral'noye pravleniye NTG stroitel'noy industrii [State Committee for Civil Engineering and Architecture, Attached to the State Committee for Construction in the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 11, no. 6, 1988.
- Table of contents translated:
- Tilov, V. - Effect of air regime of buildings on their heat characteristics. p. 2.
- Shapovalov, I. - Problems of heating and air conditioning in residential high-rise buildings. p. 6.
- Bogoslovskiy, V. - Heat characteristics of buildings. p. 8.
- Chernomysova, A. - Earthwork in vertical planning of a microdistrict. p. 11.
- Michurin, V., Spirin, I. U. - Efficiency of using room-size koramzli concrete floor panels. p. 13.
- Structures for sport activities. p. 15.
- Lonevskiy, I. U. - Materials and tools for finishing work. p. 19.
- Konnikov, A. - Residential complex at the EXPO-87. p. 20.
- Potlakov, S., Urazbaev, M., Zhuravov, T. - Construction in Japan. p. 24.
- TSvetkov, V. - Angle brace with tongs clamp. Ladder with support. p. 27.
- Solov'ev, S., Kudrashov, I. - New glass panels. p. 28.
- Dezhneva, V. - Fifth Congress of the Scientific and Technical Society of the Construction Industry. p. 28.
- Karnukhov, I. - Zaporozh'ye. p. 29.

e. ELECTRICAL ENGINEERING

AUTOMATIKA I TELEMENKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatika i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.], Moscow, no. 5, May 1968.

Table of contents translated:

- Sutornov, F. Ia. - Problem of the construction of stable linear control systems, p. 5.
Varg, I. K. S. - Conditions of stability of a diffusion system with nonlinear feedback, p. 10.
Mitya, I. D. - Determination of influence functions for the calculation of improving variations of control functions and parameters of dynamic systems with discontinuous right parts, p. 24.
Nadezhda, P. V. - Characteristics of the transfer functions of a controlling device, p. 35.
Kuchinko, V. I., Milutina, V. E., Orlov, V. A. - Stability of adaptive systems with stabilization of frequency characteristics, p. 46.
Sukharev, M. P. - Simplification of sensitivity models in the construction of self-adjusting and adaptive systems, p. 56.
Razumikhin, D. S. - Problem on the distribution of orders in a system supplying materials and equipment, p. 64.
Gusev, L. A., Smitnova, I. M. - Languages, grammars, and abstract automata models, Part 2, p. 73.
Luzov, I. P. - Classification and statistical check of hypotheses, Part 2, p. 95.
Grigorian, A. K. - Method for decomposition of finite automata, p. 101.
Prukol'ev, V. N. - Dynamics of a hydraulic motor with nonlinear damping characteristics (small self-excited oscillations during operation on "creeping" speeds), p. 110.
Makarovskii, S. N. - Multichannel automatic optimizer with varying frequency of modulating actions, p. 124.
Dzavitskii, I. Ia. - Variable sign of the static error of voltage stabilizers, p. 130.
Iskovich, E. L., Trakhtengerts, E. A. - Optimal arrangement of programs of control and administration of production, p. 135.
Frangishvili, I. V. - Iterative and uniform planarity structures and corresponding graphs, p. 145.
Ignatushchenko, V. V. - Synthesis of switching functions in some types of homogeneous structures, p. 155.
Zakharova, L. M., Litvinets, A. I. - Addition to the article "Search activity of a muscle under conditions of its shunting in by artificial feedback," p. 166.
Dreide, I. Ia. - Analysis of the operation of the network of a parametric voltage stabilizer with pulsed current feed, p. 170.
Dulepov, E. G., Esipov, A. S. - Hybrid digital converter, p. 174.
Vasil'ev, I. N. - Second International Symposium of the International Federation of Automatic Control on Control in Outer Space, Underwater, and Underground, p. 176.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Ministerstvo energetiki i elektrifikatsii SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Ministry of Power and Electrification of the U.S.S.R. and the Scientific Technological Society of the Power Industry], Moscow, vol. 39, no. 4, Apr. 1968.

Table of contents translated:

- Flaksman, I. N. - Means for reducing the personnel of thermal electric power plants, p. 2.
Trinker, B. D. - Conditions of operation and life of reinforced concrete smokestacks, p. 5.
Chernulov, K. M., and others. - Methods for engineering calculations of temperature and humidity conditions of reinforced concrete smokestacks, p. 7.
Rikhter, I. A. - Aerodynamic characteristics of smokestacks, p. 11.
Borsakovskii, D. A. - Construction of smokestacks and control of their conditions, p. 15.
Bersenev, A. P., and others. - Start of a boiler with supercritical pressure and hot steam pipes, p. 18.
Moseyev, H. I., Finkovich, A. A., Kurochkin, F. L. - Coating of a once-through boiler and steam pipes of a 150 Mw. block, p. 22.
Ioszerovich, A. Sh., Plotkin, E. R. - Heating of the housing of the shaft of the K-200-130 turbine, p. 28.
Chegurko, L. E., Turkin, A. N. - Study of the hydraulic base of feed pumps, p. 32.
Kokoshkin, I. A. - Dynamics of delayed readings of the TSKT-1 salinometer, p. 36.
Borisovskaya, L. M., Shebeko, A. A. - Operation of an intake unit according to the level of the pulverized coal in the Sh-50 mill, p. 39.
Nabolsovich, V. A. - Experimental study of statistical and dynamic characteristics of a turbogenerator

- exhalation control system, p. 42.
Pineker, V. E., Lobedov, A. T., Timtsev, A. M. - Determining the load carrying capacity of closed conductors of 300 Mw. generators, p. 45.
Glazunov, A. A., Fein, I. U. A. - Determining the active rated loads of 6-20 kv. municipal power networks using statistical graphs, p. 50.
Sapozhnikov, A. V., Iizurov, S. D. - Lightning surge waves permissible for the internal insulation of power transformers, p. 56.
Beloslavskii, Z. M., Oshlak, R. P., Boliakov, N. N. - Concerning the article "Lightning surge waves permissible for the internal insulation of power transformers," p. 66.
Gavrikov, V. I., and others. - Overvoltages during partial phase operation of unloaded transformers with isolated neutral, p. 68.
Drozhkin, L. I., and others. - Economic advisability of the complication of main loop networks of regional electric power plants, p. 73.
Yakhimov, A. L. - Improvement of the ChBK-1-type telemeasuring receiver, p. 85.
Stabad, M. A. - Approximate evaluation of the decrease of the sensitivity of protection from short circuits to ground in 110 kv. and 220 kv. overhead lines with spur lines, p. 88.
Goloboblev, V. A., Perlin, D. G. - Device for checking complex protection systems, p. 88.
Rarkan, I. A. D., Markoshevich, N. S. - Statistical devices as a means for obtaining information about voltage modes of distributing networks, p. 88.
Rudakova, R. M. - Response to A. M. Minilov and D. I. Rozinskii's article "Mechanical blocking in simplified substations," p. 91.
Tsykharskii, I. U. L. - Concerning A. A. Filitov's article "One of the safety engineering rules," p. 93.
Gregoriy Georgiyevich Goshenov; obituary, p. 94.

ELEKTRICHESKIE STANTSII [ELECTRICITY]. Organ of Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.], and others, Moscow, no. 6, June 1968.

Table of contents translated:

- Rozentfel'd, V. E., and others. - System for the conversion of direct current on electric locomotives, p. 1.
Kholmskii, D. V., and others. - Selection of optimal reliability of overhead electric power transmission lines under ice crust and wind conditions, p. 7.
Shpor, S. - Comparison of lightning current amplitude distribution curves using meteorological data from different countries, p. 12.
Matyshev, V. I. - Determination of maximal current jump in switching-in of a transformer in idle operation, p. 16.
Tsvetkov, V. A. - Conditions of self-excitation of electrical machines in a system with several degrees of freedom, p. 19.
Lishchenko, A. I. - Contactless system of excitation of compounded synchronous motors with a c. exciter, p. 22.
Plushch, B. M., Keltman, D. I. - Design of a single-phase capacitor motor, p. 26.
Shubenko, V. A., Braslavskii, I. A., Isakov, N. D. - Improvement of regulatory and dynamic characteristics of asynchronous motors with thyristor control, p. 29.
Udayshin, E. I., Zeflin, V. Sh. - Inverter with pulse-width modulation, p. 33.
Pantilov, R. K. - Effect of quadrature winding of a transducer on the errors of a solen transformer system, p. 37.
Buzalov, G. I., Shvarts, G. K. - Evaluation of thyristor blocking capacitor devices, p. 45.
Alekina, L. E., Ilenko, N. A. - Determination of static and dynamic characteristics of an automatic arc welder using a root holograph method, p. 51.
Tselkner, I. I. - Dynamics of a d. c. drive with hard coupling, p. 54.
Kargin, V. G., Kazanskii, V. M. - Evaluation of dynamic characteristics of exciter motors in automated electric drive systems, p. 56.
Baryin, V. M., Negnevitskii, I. B., Negnevitskii, S. D. - Magnetic-thyristor d. c. voltage converter, p. 61.
Poznyarskii, G. S., Silivinskii, A. G. - Increasing the response and efficiency of shunt-type electro-magnets, p. 65.
Runne, V. T., Alkhovordiev, Z. A. - Study of thermal stability of condenser paper, p. 69.
Drozdov, A. D. - Calculation of the operation of current transformers in relay protection using nominal or basic parameters, p. 72.
Ogorodnichuk, I. F., Zhornitsky, I. Ia., Solodina, V. P. - Effect of asynchronous motors on the distribution of the spectra of low-frequency components of noise, p. 76.
Ershovich, V. V., Mats, A. D. - Calculation of power flow during exchange of emergency reserves in a power system, p. 79.
Lur' S. I. - Calculation of eddy currents in a thin plate for determining additional losses in trans-

- formers and reactors, p. 80.
Bogdanov, V. E., Zharkov, I. P., Pavlov, V. I. - Calculation of the discharge process of a capacitor into a circuit with a ferrite core, p. 102.
Mitskevich, R. A. - Use of a phase shift method in a block system registering a graph of a mathematical modeling of heating, p. 104.
Razevik, D. V. - Initial interaction in uniform and nonuniform electrical fields, p. 15.

ENERGETICHESKIE STROITEL'STVO ZA [POWER CONSTRUCTION IN FOREIGN COUNTRIES]. Supplement to the Periodical "Mirovaia Energetika" [World Energy], issued by Tekhnicheskoe upravleniye Mirovaya stroitel'stva elektricheskoi SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.], Moscow, no. 1 (36), 1968.

ENERGETIC [ELECTRIC POWER]. Issued by Ministerstvo energetiki i elektrifikatsii SSSR and Tekhnicheskoye upravleniye Mirovaya stroitel'stva elektricheskoi SSSR [Ministry of Power and Electrification of the U.S.S.R. and the Technical Administration of the Ministry for the Construction of Electric Power Stations and the Electrical Industry], Moscow, vol. 10, no. 4, Apr. 1968.

Table of contents translated:

- Levashin, V. I. - Leading collection of power engineering codes, p. 1.
Oreshkin, P. K. - Underground in the USSR, p. 2.
Oreshkin, P. K. - Increase in the output of electricity by conducting general overhaul, p. 3.
Rylov, A. B. - Use of an automatic device for general overhaul of power generating equipment, p. 4.
Morozovskii, M. A., Kulevskii, V. V. - Improvement of the efficiency of production of electricity in the Kharkov Electric Milling System, p. 7.
Gerasimovskii, A. I., Shumakovskii, I. I. - Maintenance of repair work on 200 Mw. boiler, p. 9.
Iusheva, I. N., Karashevskii, V. A., Krut'ko, A. V. - Restoration of the drum of the BKZ-25-14 PT boiler, p. 11.
Korotkiy, I. I. - Technology of the replacement of the preliminary blocks in BKZ-160/100 boiler, p. 11.
Mikhlin, O. M. - Repair of ball mills with inclined drives, p. 13.
Savitskiy, V. V., Zhuravskii, M. S. - Repair of the steam box of the "Vinnitsa" boiler, p. 16.
Novikov, R. N. - Production of exhaust gas from a 300 Mw. boiler from fly ash wear, p. 16.
Stepanov, M. I. - Device for measuring the temperature of thermal power equipment, p. 20.
Korotkiy, A. M. - Replacement of an inlet pipe and seal filters of control valves with polyethylene resin ones, p. 20.
Gerasimov, V. A. - Use of a standard plug for cable coupling, p. 21.
Evgenev, V. N. - Trunk isolated telecommunication circuit, p. 21.
Belovskii, I. S., Smolinskii, M. S. - Maintenance of the equipment of the power plant and a MKP-220 condenser, p. 22.
Abramov, V. V. - Centralized lighting of plants, p. 23.
Zakharov, G. A. - Burning of high boiler heat with small excess of air, p. 24.
Vigdorovich, G. I. - Operation of oil filled sealed turbogenerators using polythiophene oil, p. 26.
Dankilov, S. D. - Adjustment and testing of BKZ-160/100 boilers equipped with gas analyzer, p. 27.
Ponomarev, I. U. I., Shchegolev, A. K. - Improvement of a system signaling shag level in a boiler, p. 29.
Ilychov, V. I. - Determination of the concentration of chlorine and nitric acid in industrial waste, p. 29.
Dzyubak, A. P., Kuznetsov, V. M. - Improvement of the operation of generators, p. 30.
From the editor's mail, p. 32.
Through the pages of technical magazines, p. 35.
Kulrinskaya, L. I. - Brief survey of the special papers for generating blocks with 160, 200, and 300 Mw. ratings for 1968 and the first half of 1967, p. 37.
In the Technical Council of the Ministry of Power Engineering and Electrification of the U.S.S.R. Communication system of the Ministry, p. 37.
Obituary of Pavel Ilich, p. 38.
Now instructional and methodological materials of the Ministry of Power Engineering and Electrification of the U.S.S.R. on problems of operation of power systems, p. 39.

Vol. 18, no. 7, July 1968.

Table of contents translated:
Mashkov, P. N. - Present state of automatic thermal processes in electric power plants and intermediate problems, p. 1.
Protopopov, G. A., Zalkin, P. A. - Capabilities of devices for measuring the levels of pulverized coal and raw coal, p. 4.
Kolokolov, B. A. - Pulsed method for rolling paper, p. 5.

Shcheglov, P. I. - Power supply of consumers during shortages of power and energy in the system. p. 6.

Shcheglov, P. I. - Standard designs of a unified series of 35-110/6-10 kv. substations without capacitors at the higher voltage end. p. 6.

Shcheglov, P. I. - Local thermal treatment of boiler drums after repair welding operations. p. 12.

Shcheglov, A. E., Goltzov, A. N., Lentin, L. M. - Bandaging of the connecting pipes of boiler drums. p. 11.

Shcheglov, P. I. - Increasing the reliability of steamless insulation of boiler pipes. p. 15.

Shcheglov, P. I. - Experience in the use of nondestructive methods for checking microstructure and mechanical properties of metal. p. 15.

Shcheglov, P. I. - Reliability of equipment using time relays. p. 17.

Shcheglov, P. I. - Production machine for grinding the cam segments of large high speed steam turbines. p. 18.

Shcheglov, P. I. - Production of automatic control for mechanical filters. p. 19.

Shcheglov, P. I. - Redesigning of the thermal bearings of 12455-984 pumps. p. 19.

Shcheglov, P. I. - Increasing the reliability of the reserve of water meter and trucking water pumps. p. 20.

Shcheglov, P. I. - Lead for testing in bridge tests. p. 20.

Shcheglov, P. I. - Switching unit for transferring a voltage to a common terminal. p. 21.

Shcheglov, P. I. - Automatic unit for heating KRN components and oil switch drives. p. 22.

Shcheglov, P. I. - Site for saturating wind with 12455-984. p. 23.

Shcheglov, P. I. - Switching of equalizing currents in a 3 kv. network using disconnector switches. p. 23.

Shcheglov, P. I. - Method for preventing the lighting of power line poles. p. 26.

Shcheglov, P. I. - Bank for washing transformers. p. 26.

Shcheglov, P. I. - Improved design of a transformer. p. 27.

Shcheglov, P. I. - Chemical cleaning of heat exchangers manufactured from copper alloys. p. 27.

Shcheglov, P. I. - Regulations for the technical operation of electric power plants and networks, summary. Steam turbine systems. Generators and synchronous compensators. p. 28.

Shcheglov, P. I. - Organization of preventive maintenance work of high-voltage equipment. p. 31.

Shcheglov, P. I. - Organization of fire preventive work. p. 33.

Shcheglov, P. I. - Correspondence with our readers. p. 34.

Shcheglov, P. I. - Review of the utilization of inventions and suggestions of the efficiency experts. p. 30.

ORGANIZATSIONNOE ZA RUZHENIOM; prilozhenie k zhurnalu "Elektricheskie stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES; Supplement to the Periodical "Electric Power Stations"]. Issued by Gosstatiznauka (State Statistical Bureau) [State Power Engineering Publishing House], Moscow, no. 4, July-Aug. 1968.

UOVOS TSH AUKSTUJU MOKYKLU MOKSLO DART: ELEKTROTEKHNIKA I AUTOMATIKA. Nauchnoe izdanie vysshikh uchebnykh zavodov i lykovskikh R. Elektricheskaya i avtomatika [STUDIES BY THE INSTITUTIONS OF HIGHER LEARNING OF THE THUANAN S. S. R.; ELECTRICAL ENGINEERING AND AUTOMATIC CONTROL]. Vilnius, vol. 3, 1967.

ORGAN I SISTEMY UPRAVLENIA [INSTRUMENTS AND SYSTEMS OF CONTROL]. Organ of Ministerstva Promyshlennosti, sredstv avtomatizatsii i elektroniki (Tsentral'noe pravleniye nauchno-issledovatskogo obshchestva priboirostraniya i promyshlennogo avtomatizatsii [Ministry of Instrument Manufacture, Means Automation, and Control Systems, and Central Administration of the Scientific and Technological Society of the Instrument Industry]. Moscow, no. 3, 1968.

Table of contents translated:

lov, T. M., Babanov, N. G. - High-speed digital tracking automatic balance using binary decimal reversible counters. p. 1.

dranov, V. N., and others. - Use of semiconductor thermal regulators in agriculture. p. 4.

ls, B. M. - Amplifier effect on the errors of multi-branch bridges. p. 7.

verov, A. P. - Pulsed excitation of strings in string sensors. p. 8.

lov, T. A., Grolchinskii, D. A., Rygalin, V. G. - Some correlations for magnetic induction units. p. 11.

roskolevskii, V. I., Smirnov, V. A. - Electronic level relay with increased stability based on a self-oscillator. p. 14.

vikov, L. V., Bakum, B. I., Iakhlakov, I. V. - Heat flow sensor. p. 16.

lov, B. I., Norenkov, I. P., Ivanov, S. R. - Methods for calculating steady-state and dynamic parameter tolerances of electronic networks. p. 17.

mlukhov, N. E. - Construction of profiled contours of transformer-type functional shift transducers. p. 19.

Portnov, M. L. - Determining the optimal number of groups in teleselecting devices according to equipment reliability criterion. p. 21.

Rozanov, A. V., Mirnyi, R. A. - Comparison of two methods of redundancy. p. 24.

Braslavskii, D. A., and others. - Quorum element and its application in information and control systems. p. 25.

Kosinskaya, E. P. - The "Signal" machine. p. 26.

Plomkov, V. M., Kupetski, I. V. - Control system for water flow regulation in irrigation systems. p. 30.

Levin, P. A. - Thin coating layers of noble metals and their use. p. 33.

Syrayev, G. S. - Element stamping of parts in a strip. p. 34.

Zykov, V. V. - Results of the production of layer thermomechanical transducers. p. 35.

Ganushchik, V. V., Kosolov, I. A., Tomshin, V. K. - Calculation of the output capacity of an instrument manufacturing plant using the "Erat-4" computer. p. 36.

Khanin, B. E. - Use of PERT diagrams in technical industrial planning. p. 38.

Shirinov, G. R., Samoilovich, B. I., Dzhangirov, Sh. S. - Economic efficiency of the automation of production in petroleum refining and the petrochemical industry. p. 42.

Vershovskii, V. B., and others. - Electrical network of automatic gas analyzers. p. 43.

Knyashev, I. K. - Sealing with a Teflon base for measuring an automatic control instruments. p. 44.

Oskovitch, I. A., Kacofontov, M. E. - Semiconductor temperature gauge. p. 46.

Index of new instruments. p. 47.

Reizer, I. A., Ginf, A. A., Porditski, M. I. - Pneumatic device for volume control. p. 49.

Novikov, L. V., Smirnova, N. S. - Temperature characteristics of film type germanium transistors. p. 50.

Timchenko, B. S., Mal'nev, N. C., Sialozov, V. M. - Automatic device for measuring the partial pressure of the components of an aggressive gas mixture. p. 52.

Osnachkin, B. P. - Spectral features of the design of noncontact radiotelephone pickups. p. 53.

Kritkov, G. A., Larionov, G. G. - Thyristor control from a decoder with the aid of storage cells. p. 55.

Rakitin, V. M., Raguzin, R. M. - Transducers for automatic microscope length measurements. p. 56.

Grigor'ov, A. S., and others. - Dynamometer for roller bearing supports of rotary furnaces. p. 57.

Ufman, V. G., Poltanski, G. A. - Electromechanical integrator of angular values using relays. p. 58.

Brusilov, A. L., Tselin, A. I. - Method for data preparation on punched cards for the "Minsk-22" digital computer. p. 59.

Korotetski, G. I., and others. - Measuring magnetic amplifier. p. 60.

RADIO. Organ of Ministerstva svyazi SSSR i Vsesoyuznoe dobrovol'noe obshchestvo sodeystviya armii, avyast i lito [Ministry of Communications of the U.S.S.R. and the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 6, May 1968.

Table of contents translated:

Radio day. p. 1.

V. I. Lenin and Soviet radio. p. 3.

Vasil'ev, N. - "Apple" calls for fire support. p. 4.

Popev, E. P. - Cybernetics of today and tomorrow. p. 6.

Gaiushko, O. - "North Pole" on the air. p. 10.

Kazanaki, N. - Worthy replacement in mauling. p. 12.

Golubev, V. - Transistorized magnetic tape recorder. p. 14.

Kharchenko, K. - Device for measuring inductances. p. 17.

Lutschik, R. - Parametric attachments to communication receivers. p. 20.

CQ-U. p. 22.

TSyanova, I. - An outstanding radio club. p. 23.

Elruss, I. A., Prokof'ev, V. - "Rubin-110." p. 24.

Klokhlov, D., Pichugin, I. - Color television stages. p. 28.

Nikol'ski, L. - Homemade reverberator. p. 31.

Mezherovskii, A. - Two-channel ultralinear amplifier. p. 33.

Transducers for electromagnetics. p. 37.

Kozlov, B., Kunitski, A. - Sawtooth voltage generator. p. 40.

Kisel', G. - Oscillograph using the Kht-7 device. p. 42.

Irashin, B. - Capacitance meter. p. 44.

Irashin, B. - Square wave pulse generator. p. 44.

Krapivnikov, V. - Wobbling frequency generator. p. 46.

Grechikhin, A. - Hunting "foxes" by the azimuth. p. 47.

Gerasimovich, I. - The R-106 transceiver. p. 48.

Magnetic field of a current. p. 51.

Stol'nikov, A. - Design of a voltage regulator. p. 53.

Reference sheet. p. 55.

In foreign countries. p. 57.

Our consultations. p. 58.

Regulations on the regulation and operation of amateur transmitters. p. 61.

Table of contents translated:

Utrichnoe work of young radio amateurs. p. 1.

V. I. Lenin and Soviet radio. p. 2.

Shamshur, V. - Visits with Mikh. p. 3.

Slyotov, B. - Cybernetic automata. p. 4.

Izotov, V. - Remove the hooligans from the air. p. 7.

As heard from ten districts. p. 8.

Brover, I. U. - Radio amateurs of Kharkov are heard in Armenia. p. 10.

Khrush, I. U. - Radio amateurs of polar regions. p. 12.

Markel', I. - The "Sibirlak" EE-11-M4 machine. p. 14.

Agcev, A. - Design of heat sinks for diodes and transistors. p. 17.

Gichko, G. - Sentinels of the sky. p. 20.

Slizkovskii, V. - Radio communication on different wave bands. p. 22.

Condenser in an electrical circuit. p. 24.

Shadskii, A. - Final stage using the GU-33B tube. p. 27.

Poltakov, V. - Microphone amplifier for efficient A.M. p. 28.

Kiselev, V. - Color television stages. Horizontal sweep. p. 30.

Andreev, A. - Square wave pulse generator. p. 32.

Gorbenko, V., Gorbenko, E., Mironov, V. - Attachment using a tunnel diode. p. 33.

Khrushalov, V. - Using seven transistors. p. 35.

Zykov, N. - Compensated volume regulators. p. 40.

Kochelov, G., Fedorov, D. - The "Karavella" phonograph. p. 42.

Reizer, L. - Electromechanical "vibrator" for an electric guitar. p. 43.

Ovsiankov, A. - Cryphon-type electric musical instrument. p. 44.

Nosov, V. - Transistor amplifying attachment to the "Nota" instrument. p. 47.

Brazhnikov, A. - Wobbling frequency generator. p. 48.

Shvarts, B. - Wireless telephone system for an industrial enterprise. p. 54.

Tenkovskiy, V., Levi, M., Drachev, G. - Cadmium-nickel storage batteries. p. 57.

In foreign countries. p. 59.

Our consultations. p. 62.

RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Natsionalno-tekhnicheskoe obshchestvo radioelektricheskikh i elektrosvnykh inzh. A. S. Popova [A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 23, no. 4, Apr. 1968.

Table of contents translated:

Korzhik, V. I. - Signal envelope and some of its properties. p. 1.

Milnev, N. A. - Contribution to the theory of synchronization of self-oscillators with nonlinear master circuits. p. 7.

Rizkin, A. A., Savitskaya, M. P. - Analysis of transition processes in selective parametric systems. p. 14.

L'vov, E. I., Shuster, I. I. - Reactive four-terminal shaping devices. p. 18.

Chechuk, M. B. - Some problems of the matching of a complex load with a transmission line. p. 25.

Tereshkin, O. N. - Synthesis of an impedance relief section transforming an incident surface wave into a plane wave with fixed front amplitude distribution. p. 30.

Bilonko, A. P. - Signal correlation and signal spectrum of a mobile radio communication system. p. 38.

Zmudikov, V. L. - Design of RC bandpass amplifiers. p. 44.

Simonov, I. U. - Remarks on the design of tuned single-stage amplifiers. p. 47.

Andronov, I. S., Fink, L. M. - Evaluation of the efficiency of diversity reception systems. p. 55.

Nguyen-quan-ha - Summation system with gain control. p. 58.

Davydov, I. U. - Special features of circuits consisting of a wideband stage, limiter, narrow band stage, frequency detector, and filter. p. 66.

Novikov, I. A. - Study of a modulation phase detector using a mixer tube. p. 73.

Torontov, D. P., Eldarov, M. A. - Amplitude modulation with coupling change using compensation of a regulated reactive element. p. 76.

Safirovskii, I. U. - Linear amplifiers with relaxation properties characteristics. p. 82.

Loshakov, I. N. - Effect of dielectric poles on the phase velocity of spatial harmonics in a delay system with periodic structure. p. 85.

Prozorovskii, V. E. - Losses in film capacitor plating. p. 90.

Borovkov, E. I. - Calculation of the stray capacitance of shielded inductance coils with single-layer winding. p. 96.

Dmitriev, V. P. - Self-synchronization of discrete communications. p. 100.

Evtanov, S. I. - Study of automatic phase frequency control using an asymptotic method. p. 105.

Golubev, V. I. - Pulse duration control of a blocking oscillator. p. 108.

Dolukhanov, M. P. - Rational terminology in the field of radio wave propagation in the optical band. p. 108.

REFRATIVNYI ZHURNAL: AVTOMATIKA, TELEMATIKA I VYCHISLITEL'NAYA TEKHNIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL, REMOTE CONTROL, AND COMPUTER TECHNOLOGY]. Issued by Vsesoyuznyi Institut Nauchnoi i Tekhnicheskoi Informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 9, Sep. 1968.

REFRATIVNYI ZHURNAL: ELEKTROMIKA I EEE PRIMENENIE [JOURNAL OF ABSTRACTS: ELECTRONICS AND ITS APPLICATION]. Issued by Vsesoyuznyi Institut Nauchnoi i Tekhnicheskoi Informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 9, Sep. 1968.

RIGA: POLITEHNISKAIS INSTITUTS. Zinatniskie raksti. Uchenye zapiski Ruzhskogo politehnicheskogo instituta [POLYTECHNIC INSTITUTE STUDIES]. Vol. 20, 1968. Avtomatizatsiya i elektronika tekhnicheskikh fakul'tetov avtomatiki i vychislitel'noi tekhniki [Faculty of Automatic Control and Computer Technology], no. 3.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshih uchebnykh zavedeni, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning: Power Engineering]. Moscow, vol. 11, no. 8, Aug. 1968.

Table of contents translated:
Kuznetsov, I. B. - Current transformers for the protection of generators. p. 1.
Petrov, V. F., Preskurno, G. M., Skutelnikov, V. I. - Threshold logic functions and their use in the optimization of the logic of relay protection and protective equipment. p. 7.
Chudakov, A. P. - Logical method for selective signaling of single-phase short circuits in ground-infeed-loop networks. p. 13.
Ligotin, I. I. - Determination of comparative reliability of electrical networks. p. 18.
Kashchuk, V. G. - Stochastic model of damage states of electric power transmission lines. p. 24.
Spirin, A. A., and others. - Reliability of electric power supply to television stations. p. 30.
Gusev, F. G., Izidor, O. J. - Modeling of a surface effect taking into account the saturation of the magnetic circuit. p. 33.
Bronshteyn, L. V. - Electrodynamics forces in non-magnetic cylindrical conductors. p. 40.
Hlin, V. M. - Calculation of periodic operation of nonlinear electrical networks. p. 44.
Khamidullin, M. Z., Khashimov, A. A. - Operational and regulatory characteristics of a frequency controlled asynchronous motor in nonsymmetrical modes. p. 51.
Ivanov, T. A., and others. - Mathematical model of a wide-range boiler and turbine block. p. 54.
Borshchuk, V. I. - Evaluation of the effectiveness of heat consumption changes from the intake in a steam turbine. p. 62.
Sapozhnikov, G. S., Iobkhin, T. D. - Solution of the characteristics of a high-temperature cooled gas turbine. p. 65.
Lisitsyn, V. A. - Productive capacity of cyclone-type smelting furnaces. p. 71.
Kulakovskii, A. I., Kuznetsov, R. Z. - Intensification of heat in a tubular heat exchanger. p. 77.
Shteyn, V. N., Evgenko, V. I., Zuzulka, N. V. - Study of pipes with top-wire fins in longitudinal arc currents. p. 82.
Golubovskii, E. V. - Numerical calculation of the temperature of joining connections. p. 89.
Mal'tseva, H. M. - Method for the linearization of boundary conditions in electrothermal modeling. p. 95.
Surikov, I. U. A., Agapov, I. U. M. - Study of analytical calculations of local boundary characteristics of radiation of a semicylindrical plane with finite length. p. 100.
Skrabkor, G. P. - Carrying capacity of a rectangular bed having walls with various roughness. p. 106.
Karganov, A. M. - Calculation of laminar uniform flow of a liquid in pipes with different special cross sections. p. 110.
Novash, V. I., Tishchik, A. A. - Modeling of a current transformer using an analog computer. p. 113.
Mazurenko, A. A. - Calculation of losses in electrical steel. p. 119.
Zhitkov, G. I. - Comprehensive power and chemical utilization of miller peat in a layer bed furnace-generator with reversed heat. p. 122.
Arundson, A. A. - Luminar heat transfer on a plate in a given temperature distribution on its surface. p. 126.
Kachan, A. D., Yakovlev, B. V. - Results of the 21th Scientific and Technical Conference of the White Russian Polytechnical Institute Session on Thermal Electric Power Plants. p. 131.
Solomon Abramovich Kanior, on his 60th birthday. p. 133.

SIDE, RADIO, TELEVISION [COMMUNICATIONS, RADIO, TELEVISION]. Issued by Eesti NSV Ministri- to Nõukogu Riiklik Teaduslike Uurimistööde Koordinatsioonikomitee [State Committee of the Council of Ministers of the Estonian S.S.R. for the Coordination of Research]. Tallinn, no. 8, 1967; no. 1, 1968. [In Estonian]

SVETOTEKHNIKA [LIGHTING ENGINEERING]. Organ of Ministerstvo elektrotexnicheskoi promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [Ministry of the Electrical Engineering Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Industry of the Power Industry]. Moscow, vol. 14, no. 8, June 1968.

Table of contents translated:
Litvinov, V. S., and others. - Mechanism of the start processes on the electrodes of fluorescent lamps. p. 6.
Gurevich, E. M. - Effect of thermal treatment on the quality of halophosphate luminophors. p. 7.
Ryckov, V. I., Sokolov, L. S. - Characteristics of xenon ball lamps from the viewpoint of shaping and calculation of the light beam of a device. p. 11.
Dzhekeba, I. V., Orlov, I. N., Soshchin, N. P. - Some characteristics of electroluminescent condensers with cast working layers. p. 13.
Alkhantel, A. G., Ivanov, V. S. - Effect of circuit parameters on the stability of the burning of high-pressure mercury lamps. p. 17.
Kadner, G. I. - Testing of F-5 cold-silver-cathode photocells in discharge lighting. p. 21.
Shapiro, L. P. - Planning of the cost of operation of street lighting systems of cities. p. 24.
Kutsa, A. A. - Principal electrical data on three-phase 380-volt voltage stabilizers for lighting networks manufactured domestically in 1958. p. 28.
Kostukhin, A. V. - Ultraviolet light sources should be used on a wide scale. p. 27.
Ashkenazi, G. I. - Work of the light engineering section of the Moscow Scientific Technological Society of the Power Industry. p. 28.
Through the pages of foreign magazines. p. 29.
Overhead USP series light fixtures with fluorescent lamps. p. 29.

VESTNIK SVYAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo svyazi SSSR and Tsentral'nyi komitet Profsoyuzov rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseinykh doro (Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways). Moscow, vol. 20, no. 2(35), Feb. 1968.

Table of contents translated:
For the welfare of soviet people. p. 1.
Rabinovich, G. I., Lebedeva, K. I. - Device for measuring the parameters of FM devices of radio relay systems. p. 2.
Dubravskii, V. A. - Expediency of using triple reception. p. 4.
Popova, N. E., Petrovskii, I. P. - U-60-E terminal apparatus of a high-frequency telephony system. p. 6.
Verina, Z. S., Nikol'skii, K. K. - Control and measuring stations in long-distance cable lines. p. 8.
Galkova, A. H., Ereminova, N. E., Sharov, D. L. - Standardization of technical regulations on GTS municipal telephone cables with plastic insulation and sheathing. p. 12.
Krashtskaya, A. A. - Five-day workweek in effect. p. 13.
Belavovskii, N. P. - Kazan post office after its re-modeling. p. 14.
Tunik, E. M. - The quality of rural telephone systems should be raised to that of the municipal ones. p. 15.
Ilyzhkova, L. M. - My work method. p. 16.
Volkov, S. G., Yakovlev, I. A. - Winners of the all-Union competition. p. 17.
Larin, K. D. - Awarding bonuses to communication and PTUS workers is shifted to the new system of management. p. 21.
Sherman, I. A. - Organization of work in the line apparatus departments in long-distance telephone exchanges. p. 23.
Heroic communication workers. p. 25.
Rakhmanov, N. E., Rotstein, I. Sh. - New conditions of management. p. 27.
Potapova, N. E., Solov'evich, L. M. - Hidden potentials in increasing the profitability of municipal telephone exchanges. p. 28.
Losev, L. M., Melchova, L. V., Sushova, L. O. - Results of the all-Union public review of communication literature libraries. p. 31.

Vol. 28, no. 4(337), Apr. 1968.
Table of contents translated:
Improve the operation and strengthen the economy of the communication industry. p. 1.
Sul'gi, P. A. - Automated ARM non-electric miller radio relay networks. p. 4.
Borovikov, E. I. - Calculation of inductances and spurious capacitances of single-layer coils. p. 7.
Tregub, P. D., Firsov, A. B. - Control system of a shunt generator with feedback. p. 8.
Popova, N. E., Petrovskii, I. P. - Circuits and design of U-60-E apparatus. p. 8.
Tsilitovskii, A. I. - Dependence of the mutual effect of the circuits of a small coaxial cable on the length of a line. p. 12.

Zhigmont, V. M. - Fundamental of cost accounting: economically based rates. p. 13.
Sulias, A. Z. - Unified nomenclature and electrical transmission, as main requirements in the selection of means of communication. p. 10.
Motor scooters in postal delivery operations. p. 11.
Pavlov, I. V. - Modern equipment of the central action enterprises. p. 20.
Gordeev, N. M. - Competition for the first post "Telecommunication Enterprise." p. 21.
Communication workers' conference by radio. p. 22.
In the Leninist technical operations room. p. 23.
Onof'chenko, P. V., Popova, A. S. - Characteristics of the communication workers of the Republic of the scientific organization of production and labor. p. 24.
Kamenev, A. S., and others. - Not only a clock but also a pulse. p. 25.
School of public inspectors. p. 26.
In the Presidium of the Central Committee of the Trade Union of Communications Workers. p. 27.
Stojanov, M. N. - Symposium on welding equipment. p. 28.
Leading communication centers of the Republic of the Republic. p. 29.
Zakharova, N. V. - Creative report of the Republic of the institutions of communication. p. 29.
Raise the technical knowledge of young workers. p. 32.

Vol. 28, no. 5(338), May 1968.

Table of contents translated:
Holiday of soviet communication workers. p. 1.
Feinberg, E. G. - Radio day of 1968. p. 2.
Lebedev, V. N. - Founder of the technical communication on the 15th anniversary of the birth of Karl Marx. p. 3.
Bel'man, S. P., Mikhailov, I. A. - Efficiency of a symmetric efficiency of synchronous-wave circuits with regulated current distribution. p. 4.
Smirnov, M. S. - Evaluation of methods for the selection of pulse frequency fields. p. 5.
Davydov, S. A., Kozlov, N. A. - Improved receiver of KMT-30 apparatus. p. 10.
Korotkiy, L. N., Kholodov, A. I. - Method for determining the accuracy of transmission of a frequency telegraph channel in the presence of interruptions in transmission. p. 13.
Anatol, H. M., Golitsyn, T. S. - Year of achievement according to the new system. p. 14.
Shubakov, K. V. - Effectiveness of the new system. p. 15.
Mishchenko, K. - Work quality should rise up to the demands of soviet people. p. 16.
Smirnov, V. V., Vasiliev, D. H. - Radio and television developments. p. 20.
Volkov, S. G., Yakovlev, I. A. - Experiments in the safety of the line. p. 22.
Lefterov, I. E. - Care for the individual labor of communication workers. p. 23.
Petrov, A. M. - The more careful in handling. p. 27.
Troshchinskii, A. I., Kuruchikov, N. I., Dzhurav, S. M. - Plans for the scientific organization of the long-distance telephony and the organization of telephony. p. 28.
Iatolina, A. A. - Consultations on the quality of annual leave. p. 30.
In the Presidium of the Central Committee of the Trade Union of Communications Workers. p. 31.
Think, invent, and suggest! p. 31.

E. INDUSTRIES & TRADES

AKADEMIA NAUK URSS, Kiev. Instytut fiziki i khimii. Avtomaticheskaya tekhnika [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding, Automatic Welding]. Kiev, vol. 20, no. 4(100), Apr. 1967.

Table of contents translated:
Vinogradov, V. A., Skurikhin, M. N. - Influence of deformations and residual stresses on the resistance to rupture at low temperatures. p. 1.
Zhelezuchukov, G. V., Gironko, V. S. - Characteristics of brittle failure. p. 6.
Trochun, I. P., Prokhorenko, V. M., Zhidakov, M. - Distribution of longitudinal brittle cracks in crossing welds. p. 11.
Falkov, E. M., Smirnov, D. I. - Heat balance of welding with pulse low-current arcs. p. 16.
Ratcliff, J. I. - Distribution of the current in the plate in arc welding. p. 10.
Langer, N. A., Shvab, N. A., Malashenko, A. S. - Investigating the electrochemical behavior of joints with the aid of the static potential method. p. 23.
Kalinin, N. N., Lakomskii, V. I. - Solubility of hydrogen in liquid nickel. p. 26.
Naidenov, A. M. - Adjustable feeding mechanism of welding wires. p. 30.
Kasatkin, B. S., Korsh, O. N. - Forming of welds during welding without finishing. p. 33.

K. B. P., and others. - Welding drill pipes of high-strength steels. p. 39.

K. L. D., Lyubchagin, N. S., Shukhmanov, R. M. - Electric arcs from Simulins for D70 diesel locomotive. p. 43.

V. S., Krut'kov, V. I. - Two-arc welding of a double Z-forming beams. p. 46.

tan, V. A., Voskreschani, K. P., Simoniuk, - The VKM-1 multielectrode contact machine welding refrigerators. p. 48.

sk, R. I., Grabchak, A. T. - Wear-resistant facing of press matrices for lignite briquetting. p. 50.

gin, V. N., and others. - Reconditioning of tool and manufacture of new drop forging by electric slag welding. p. 53.

V. N., Fislstein, B. M. - Determining the strength in induction hard facing of hard steel. p. 55.

ev, D. M., Likhovaya, I. V. - The ANK-8 air flux for mechanized wear-resistant hard steel. p. 58.

ko, A. A., and others. - Waterproofing of electrode coatings of the calcium fluoride type. p. 60.

V. V., Berzov, V. P., Kazakova, M. K. - Ion beam welding of impregnated cathodes for vacuum devices. p. 65.

A. R., and others. - Input resonator for apparatus of electric arc and electric slag welding. p. 67.

N. S., Pliskunov, A. V. - Arc content flash of ferrous and nonferrous metals. p. 71.

uko, V. A. - Influence of the conditions of welded alloyed wires on the saturation of forming melt with gases. p. 74.

va, G. I., Tenebaum, P. Z. - Distribution of impurities in a liquid bath during pulsation arc welding of the Al-Mg alloy with consumable electrodes. p. 74.

G. V., and others. - Diffusion bonding of iron and copper alloys. p. 76.

I. I., Shakhchuk-Shtarsenkov, I. I. - Hard facing consumable tip electrodes. p. 77.

S. K., Kholopov, I. V., Smirnov, A. S. - The strength of copper arc welded joints with ultrasonic welding. p. 78.

N. V. - Sixth scientific technical conference of workers in the Western Urals. p. 79.

sk, G. V. - Conference of our readers in 1968. p. 80.

1968, May 1968.

o of contents translated:

K. M. - Determining the temperature and cooling speed of weld metal. p. 1.

V. P., and others. - Elimination of embrittlement in the weld-affected zone of high-strength steel. p. 6.

V. K., Melnikov, N. P. - Investigating the process of transient processes in metal spooling welding in carbon dioxide. p. 11.

Z. M., Ivanova, O. N. - Study of the arc in the tungsten electrode. p. 16.

V. S., Piskov, O. S., Potrov, G. N. - Influence of electric current frequency on the efficiency of the welding process. p. 21.

ts, B. A., Kichuk-Aleksenko, S. I. - Continuous welding of 9Kh steel. p. 23.

I. I., Shafagin, V. D. - A new type of power for electron beam welding. p. 27.

ko, G. K., Ignatenko, A. I. - Strength of weld with a thin and interlayer. p. 31.

S. N., and others. - Thermal stabilization of mechanical properties of welded joints. p. 34.

va, E. E. - Calculating welded aluminum joints for endurance. p. 38.

G. V. - Manufacture of sheet welded structure from coil steel. p. 42.

I. U. N., and others. - Equipment for stabilizing depth of penetration in the automatic welding thin wire in carbon dioxide. p. 45.

V. A. - Certain characteristics of melting in submerged arc pulsed welding. p. 48.

ka, I. A. N., and others. - Structure and properties in the weld zone of blanks welded butt to p. 50.

A. P., Sobkovitch, I. U. - Influence of the heat treatment during pressure microwelding on the properties of weldments in microsystems. p. 52.

K. K., and others. - Vacuum-light welds with the cold welding method. p. 56.

N. I., Kazakov, N. F., Kuyrilanova, E. B. - Ion bonding of cerium oxide ceramics with metals p. 60.

K. E. I., Mozuk, V. M. - Increasing the durability of dredger rotors operating in gravel p. 60.

Shaidrenko, G. I. - Mechanized bulldozer of flat surfaces of equipment parts. p. 63.

V. O. - Certain problems related to the efficiency of hard facing of metals. p. 65.

S. M., and others. - Welding vanadium. p. 68.

L. N., and others. - Determining diffusion of intermetallic phases formed during p. 68.

Pekladil, V. H. - Carbon dioxide welding by increasing the resistance of the electrode wire end. p. 69.

Zaruba, I. I., and others. - Electric arc welding with a modulated current. p. 70.

Lebedev, V. K., Troitskiy, V. A., Gupalo, I. D. - A method of controlling transformer stresses. p. 71.

Krivonoz, V. P., Krivonoz, V. G., Galigayev, A. A. - Equipment for controlling melting processes in resistance butt welding. p. 71.

Myshko, I. D., Ilizov, I. A. - Increasing the service life of mixer parts by hard facing. p. 72.

Garkusha, A. F., Ryzanov, V. A. - Hard facing with a composite electrode under flux. p. 73.

Zhdanov, I. M., Korinets, I. F., Volkov, V. I. - Strain gauge for measuring temporary void deformations in the weld-affected zone. p. 73.

Cherik, A. I., Vysotskiy, M. G. - Welding techniques at the International exhibition in London. p. 74.

BUMAZHNAIA 'PROMYSHLENNOST' (PAPER INDUSTRY). Organ of Gosudarstvennyi komitet po lesnotselulozno-bumaznoi, derevnoobrabatovatel'skoi promyshlennosti i lesnomu khozaystvu pri Gosplane SSSR i Tsentrálne pravleniye NTO bumazhnoi i derevnoobrabatovatel'skoi promyshlennosti [State Committee for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R.], and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry. Moscow, no. 7, July 1968.

Table of contents translated:

The main problem is labor productivity. p. 1.

Khrushch, I. A., Nikitina, T. N., Mazurenko, M. P. - Effectiveness of using ultrasonics in causticizing. p. 3.

Nestorov, V. G., and others. - Utilization of industrial sewage. p. 5.

Kozina, G. S., Chechurina, Z. N. - Sulfate pulp for acylation. p. 9.

Iubinskiy, A. P., Blizunkina, M. F. - Recommendations on maintenance of central screens. p. 11.

Safro, A. B. - Increased use of oleoresin glue is advised. p. 12.

Rozovskiy, A. A. - Mechanization of the sheet board impregnation process. p. 13.

Mazurenko, K. N. - Improving operating conditions for papermaking machinery. p. 14.

Lots-Orel'sov, K. V. - Modernization of distributing systems in expanding a thermal electric power plant. p. 15.

Mechanized paper storage. p. 16.

Seventieth birthday of S. F. Mol'nikov. p. 18.

Bushinin, D. V., Goroniykin, I. C. - Measuring the pressure of pulp suspension in a flow. p. 19.

Shilov, P. S. - Modernization of equipment and economic system of a paper plant. p. 20.

Aksharov, V. F. - Scientific organization of labor in equipment repair. p. 22.

Khodzhakala, I. I. - Patent literature and its utilization. p. 24.

Sonchurov, K. T. - World pulp and paper industry. p. 29.

KILEROPEKARNAYA I KONDITERSKAIA PROMYSHLENNOST' (BAKING AND CONFECTIONERY INDUSTRY). Organ of Gosudarstvennyi komitet po pishchevii promyshlennosti pri Gosplane SSSR i Tsentrálne pravleniye Nauchno-tekhnicheskogo obshchestva pishchevii promyshlennosti [State Committee for the Food Industry, Attached to the State Planning Committee of the U.S.S.R.], and the Central Administration of the Scientific Technological Society of the Food Industry. Moscow, vol. 12, no. 6, June 1968.

Table of contents translated:

Mitkin, V. M. - Kiev Order of the Red Banner of Labor Confectionery Plant named after K. Marx. p. 2.

Davidov, R. G., Reiter, I. M. - Food value of bread under conditions of shortened fermentation period before dough separation. p. 4.

Averkieva, N. N., Vokar, A. B. - Change of disulfide bonds and sulfolipidyl groups of gluten in the dough. p. 6.

Makhtukov, V. I., Dzhukhin, V. A. - Heat exchange in the combustion chamber of the heating installation. p. 8.

Besazab, P. M. - Selection of a control device for the stabilization of the temperature medium in a baking chamber. p. 10.

Marshalkin, G. A., Panfshov, V. G. - Determination of efforts spent for the loading of a cardboard box on a UFA-type machine. p. 14.

Cingor, M. B., Tolomina, M. M. - Study of the process of sugar solution cooling in a rotary-type film apparatus. p. 16.

Gus'kov, K. P., Kalina, M. V., Poltavov, E. S. - Reconstructing the tubature of the FMB-press. p. 18.

Markova, B. A. - Remuneration of workers depending on yearly returns. p. 21.

Poltavov, V. I., Poduzhenko, A. A. - Scientific basis of labor organization in bread-baking plants. p. 22.

Norimov, R. G., Morozova, M. G. - Preparation of rye-and-wheat bread and wheat bread by a new method. p. 24.

Stepanov, A. K., Belikov, A. I. - Automation system of the fermentation and dough-preparation departments. p. 28.

Lozhnova, A. I., Pionikov, P. M. - Processing of wheat and chestnut-rye bread with liquid semi-finished products on the N. F. Gritsin machine. p. 27.

Gladkiy, V. K. - Automatic flow-through of boilers. p. 29.

Nikol'skiy, I. N. - Mechanically performed operations on bread. p. 30.

Ruzanov, N. M. - Machine for paste raising. p. 31.

Tarkhantsev, A. A. - New natural dyes for the confectionery industry. p. 33.

Nemennichuk, A. E., Zolov, V. N. - Production of powdered confectionery sugar. p. 35.

Pedimov, O. I., Prudnikov, A. A. - From the work practice of a yeast manufacturing enterprise. p. 35.

Dobryanin, P. B. - Water-repellent fabrics used in the bread-baking industry. p. 39.

Pavlov, Z. L. - Developing an assortment of confectionery products. p. 40.

Malev, T. I., Lemes, M. G. - Medicated line for the production of wheat dough using the "Kordina" machine in Bulgaria. p. 41.

Gritsin, A. S. - Bread production in Yugoslavia. p. 43.

Timoshenko, G. L., Ilyin, A. S. - Automation of technological processes of bread baking. p. 46.

Vokharskaya, I. L., Grigorovskiy, V. Z. - Seminar of the Ukrainian Board of Efficiency Promoters of the Bread Manufacturing Industry. p. 47.

KOMMUNALMAJANDUS JA ELUKONDLIK TEENINDAMINE (COMMUNAL ECONOMY AND SERVICE INDUSTRIES). Issued by Eesti NSV Ministriale Nõukogu Riiklik Teaduslike Ühiskondlike Kogude Ühisnõukogu [State Committee of the Council of Ministers of the Estonian S.S.R. for the Coordination of Research]. Tallinn, nos. 4-8, 1966, vol. 5, nos. 1-2, 1968. [in Estonian]

KOZHEVENNO-ODUVNAYA 'PROMYSHLENNOST' (LEATHER AND FOOTWEAR INDUSTRY). Organ of Ministerstvo legkot promyshlennosti SSSR i Tsentrálne pravleniye NTO legkot promyshlennosti [Ministry for Light Industry of the U.S.S.R.], and the Central Administration of the Scientific Technological Society of Light Industry. Leningrad, vol. 10, no. 6, June 1968.

Table of contents translated:

Let's higher the banner of socialist competition. p. 1.

Lapshina, K. F. - Awarding of engineers, technicians, and employees under new working conditions. p. 4.

Sholtsin, N. N. - Scientific organization of labor in action. p. 6.

Sergeev, B. A., Torochkova, L. G. - Practice in adopting scientific organization of labor at the Sarapul Shoe Factory. p. 9.

Rodionov, A. M. - Assortment of dyes and methods for dyeing. p. 10.

Izakov, I. N., Kholomskiy, M. A. - Effectiveness of splitting semifinished chrome products and norms of the yield of split hides. p. 14.

Zan'ko, I. A. - Practice of the "Neman" Factory in Grodno in increasing the output of the shoe production. p. 16.

Koshkin, V. S. - Automatic programmed control of the rotation of frame drums of the soaking and lining department. p. 17.

Mescheriak, G. R. - Coefficient of the utilization of a part of the volume of worn apparatus. p. 20.

Morozova, L. P., Menovich, R. A., Kondrashova, I. U. - Liquefied glue for tanning children's shoes. p. 22.

Astrakova, S. K., Akulova, T. A., Akulich, V. M. - Foam quality in fastening artificial materials on 34th and 230th class machines. p. 24.

Strongin, B. M., Shvarts, A. S. - Studying the distribution of pressures by shoe imprint during the vulcanization of rubber soles. p. 27.

Gureva, L. P., Zybin, I. P. - Connection between the size of the shoe and the length of the foot. p. 31.

Berkman, I. A. P., and others. - Simplified tanning of Russian leather with FT-50 airtan. p. 35.

Itodina, O. N., Strakhov, I. P. - Interaction of basic chromium salts and water-soluble epoxy resins. p. 38.

Ilyits, I. M., and others. - Studying the resistance of synthetic leathers to multiple flexure at low temperatures. p. 41.

Ushkova, V. M., Shvetsova, T. P., Krotova, N. A. - Studying the adhesion of a methyl glue film to rubber based on different raw rubbers. p. 45.

Ovchinnik, E. S., Rokhlenko, R. M. - Quality indices of hide glue. p. 49.

Kovtun, A. M., and others. - Shaping of soles manufactured from "kozholon". p. 54.

Rosen, G. I. A. - Shoe industry in African countries. p. 56.

Mironov, N. - Initiative pays off. p. 60.

B. A. Safrai; obituary. p. 63.

A. A. Zakharov; obituary. p. 64.

- a positive catch. p. 107.
- Svaritsman, G. A. - Deformation of flywheel masses and the power of electric drive for some shock-action machines. Report No. 1. p. 121.
- Kuznetsov, V. V., Kapustin, I. I. - Designing machines with roll-type accumulators for the vulcanization of rubber films on fabrics. p. 132.
- Rizhnikov, A. S. - Approximation of the objects of control by aperiodical second order members. p. 146.
- Shklovskii, V. M., and others. - All-Union Inter-University Scientific Conference on Vibration Technology. p. 152.
- 67th anniversary of Professor I. P. Stankov. p. 154.
- No. 3(63), 1968.
- Table of contents translated:
- Afanas'ev, V. A., Gryzlova, T. A. - Correlation method for the study of the effectiveness of item specialization in the shoe industry. Report No. 3. (p. 3).
- Bodardnyi, F. F. - Optimization of the production program in knit good manufacturing enterprises. p. 10.
- Filalov, M. S., and others. - Studying the crease-resistance of polyacryl fabrics. p. 14.
- Vasilishina, N. P., Legkova, I. A., Somak, D. D. - Comparing the properties of warp-knit fabrics manufactured from different synthetic fibers. p. 17.
- Dedik, E. P. - Study of the production of elastic cylinder twisted high-bulk yarn. Report No. 1. p. 21.
- Serikov, L. S. - Effect of light and weather on the properties of knit fabric manufactured from high-bulk capron fibers. p. 27.
- Filalov, G. P., Zylba, I. U. P. - Use of X-rays for the study of some physical and chemical parameters of leather for shoe uppers. Report No. 3. p. 33.
- Kolomoita, R. I. - Effect of the direction of deformation on indices of the mechanical properties of some woven fabrics made from identical fibers. Report No. 2. p. 41.
- Tretyakova, N. I. A. - Standard methods of evaluating the shrinkage of fabrics. p. 45.
- Goncharuk, A. Z., Pavlov, A. I. - Wear testing of pilling. Report No. 1. p. 60.
- Durova, G. G., and others. - Studying the production of polyethyleneoxide for film materials with a leather-like surface. Report No. 1. p. 64.
- Filchikov, A. P., Pavlov, S. A. - Mechanical-structural properties of polyamide films. Report No. 2. p. 69.
- Fomchenkova, L. N., Iabko, I. A. M., Pisanenko, A. P. - Relaxing properties of films produced from polycondensation urethane by roseol and formaldehyde resin. p. 65.
- Savitskiy, S. I., Pavlovich, N. V. - Studying the characteristics of polymer material cooling during the formation of fibrous structures. Report No. 2. p. 70.
- Pashenko, O. I., Mikhailov, A. N., Kut'kin, V. A. - Insulation method and composition of the dermal sac membrane of an outgrowth. p. 77.
- Nasorova, Sh. I., Kavkazov, I. U. L. - Flexibility modulus of chromium-laminate pigskin depending on the topographic areas. p. 80.
- Rizhnikov, O. O., Shostakova, I. S. - Study of factors affecting the process of gelatin and glue production. Report No. 3. p. 86.
- Korotkiy, L. V., Kolov, M. P. - Comparative analysis of the effect of different salt concentrations added to basic chrome sulfate during tanning on the formation of the leather structure. p. 92.
- Darkhina, H. V., Narambols, N. K. - Study of physicochemical changes on the surface of shoe rubbers after treatment with an ultrasonic instrument. Report No. 1. p. 96.
- Zamaraevskiy, N. V., Shvarts, A. S. - Stabilizing the impact of a lighted shoe. Report No. 1. p. 102.
- Pavlin, A. V., Kavkazov, I. U. A. - Basis of leather shoe grading by dials in the external appearance. p. 109.
- Vashchinskii, I. K., Ignatova, L. P. - Method for building circular hose products with knitted-in hoods by a circular motion of the cylinder. p. 114.
- Kudravin, I. A. - Control of yarn expenditure on warp-knitting machines. p. 110.
- Boudar, V. M., and others. - Experimental study of yarn-feeding into the SK-64 warp-knitting machine and its effect on the loop structure of the fabric. p. 124.
- Zakharova, Z. S., Savostitskiy, A. V. - Designing an appropriately shaped pul for the stoma and boat treatment of the infolding of a jacket. p. 130.
- Bogdanov, V. N. - Diagram of the surface of a wire frame for a mannequin of the human body. p. 134.
- Ginsburg, R. P., Pashkin, P. S. - Production of clothing from synthetic polymer fabrics. p. 130.
- Petrovskiy, M. I., Piskorskiy, G. A. - Use of pneumopulsating trays for the transportation of soft flat parts. Report No. 1. p. 143.
- Rachok, V. V., Storozhev, V. V. - Effect of some factors on the wear of shuttles of high-speed sewing machines. p. 150.
- Tsyrennikov, N. I. - Dynamic characteristics of temperature zones of a screw-type, shoe-shaping machine. p. 155.
- Smirnov, A. P., Zhikharov, A. P. - Studying the effect of the aerodynamic resistance of an external medium on the vibrations of systems with a distributed mass. p. 161.
- Gorskii, B. E., Kremenshtein, I. I. - Centroid method for the synthesis of leverage mechanisms. p. 166.
- Multilingual technical dictionary of the leather, shoe, fur, and artificial leather industries. p. 172.
- RUSSIA (1923- U. S. S. R.) *Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedeni, tekhnologiya tekstil'noi promyshlennosti* [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning. Technology of the Textile Industry]. Moscow, no. 6(61), 1967.
- Table of contents translated:
- Mulchanov, N. G. - Reproduction in an individual enterprise under conditions of the modern scientific and technological revolution. p. 3.
- Pavlov, A. P. - Matrix method for planning of labor consuming capacities and wage funds in a textile enterprise. p. 7.
- Sukharev, M. I., Korshakova, Z. L. - Mechanical properties of triacetate fabrics. p. 15.
- Ikleba, T. G. - Study of physical and mechanical properties of polyvinyl alcohol fiber. p. 19.
- Filalov, M. S., and others. - Studying some properties of fabrics with the use of acetyl cellulose fibers. p. 23.
- Dalakov, P. D. - Compression of synthetic fibers in a mass and its significance for technological processes. p. 28.
- Guber, A. D. - Effect of the probability characteristics of cotton raw materials and the process of fiber separation on the quality of cotton fiber. p. 37.
- Sorokin, N. K. - Wringing out in the process of washing then bast-fiber drawing silver after its chemical processing. p. 44.
- Babiar, M. I. - Motion of fibers in the process of drawing. p. 49.
- Beloruchiy, I. K. - Dynamics of the flow of fibers in a flat carding machine. p. 55.
- Osinin, N. A. - Properties of accidental functions characterizing the unevenness of products of cotton-spinning production. p. 60.
- Mazlov, I. P. - Studying the effectiveness of various methods for mixing of long synthetic fibers. p. 64.
- Kulligin, A. V. - Studying the parameters of the technological process of weaving on shuttleless STI-2 330 looms. p. 69.
- Glinov, I. P., Gordcev, V. A. - Distribution of tears of the well thread over the width of the dressing area of a loom. p. 73.
- Shvartsman, T. F., Gorshak, S. G. - Effect of uneven stretching of worsted warpyarn on STB-2-330 looms and its tearing in the process of weaving. p. 79.
- Erokhin, I. F. - New universal automatic brake for the weaving beam. p. 84.
- Grigorian, R. G., Rogovin, Z. A. - Synthesis and study of some physicochemical properties of the graft copolymer of cellulose and polydichloro-2,3-butadiene. p. 90.
- McAnkov, B. N., and others. - Dyeing of polypropylene with azo dispersion dyes. p. 95.
- Balduva, G. I., Korchagin, M. V. - Effect of pH and temperature during dyeing of protein and polyamide fibers with dichlorotriazine active dyes. p. 101.
- Smirnova, T. P., Shkharova, L. A., Smirnov, E. A. - Study of the sorption of dispersion dyes by polyethylene fibers. p. 103.
- Gorshakov, L. V., Solodukhin, A. E. - Effect of the temperature and quality of sprayed water on the electric state of air in working premises. p. 111.
- Zakharukin, I. V., Geyerov, A. M. - Transient processes in electric drives with sliding couplings under starting and braking conditions for mechanisms with a constant static moment. p. 118.
- Sheps, G. I. A. - Automatic cycle with an electronic-mechanical device indicating the braking moment of yarn. p. 125.
- Shkov, I. U. A. - Device for measuring the temperature and humidity in the plants of textile enterprises. p. 129.
- Sidkov, I. M., Khmilykh, M. I. - Effect of the duration of the resting contact on the wear of friction pairs. p. 134.
- Spilstein, V. M. - Performance of a flexible roller. p. 138.
- Chisloversov, V. V. - Calculation and planning of band transmission to spindles. p. 143.
- Uf'lanov, V. I. - Testing the mechanism for the pressure of rolls of fabric on automatic looms. p. 150.
- Hasovskiy, G. M. - Prospects for the development and use of glass fibers and glass fabrics in the national economy. p. 153.
- Iazychikov, M. F., Dolgov, V. V. - In connection with O. S. Morozov's article "Drying a cylindrical layer of yarn by blow-through and by blow-through with blow-on." p. 155.
- 60th birthday of Georgii Nikolayevich Kukin. p. 157.
- SHVEITSAIA PROMYSHLENNOST' [CLOTHING INDUSTRY]. Organ of Ministerstvo legkoj promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obschestva legkoj promyshlennosti [Ministry of Light Industry of the U. S. S. R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, no. 3, May-June 1968.
- Table of contents translated:
- All-Union public checkup on the fulfillment of plans for the adoption of new technology and the improvement of production quality in enterprises of the textile and light industry. p. 1.
- Navik, G. V., Kipustin, I. I. - Some problems of increasing production effectiveness in the clothing industry. p. 3.
- Faslovskiy, I. I., Advise-Avseev, E. G. - Manufacture of products in optimum batches as source for the increase of production effectiveness. p. 8.
- Dankina, Z. G. - Use of the electronic Razdan-2 computer for calculation of the cutting of fabrics in layers. p. 10.
- Bazhuk, G. P., and others. - Study of the process of fabric cutting with CO₂ laser rays in the clothing industry. p. 12.
- Pellinikov, S. I. U., Samarukov, N. V., Kapustin, I. I. - Analysis of the system for controlling semi-automatic machinery of the clothing industry. p. 15.
- Smirnova, O. A., Medvedev, B. P., Voinov, S. M. - Evaluating the working conditions for the machinery of the clothing industry in the selection of electric drives. p. 19.
- Miklauskas, A. P., Kranchukailis, A. B., Cufauskas, M. M. - Effect of the processing of the ironing surface on the intensity of shine on fabrics. p. 23.
- Sukharov, M. I., Baidenko, V. E. - Temperature effect on the strength of sewing thread during sewing. p. 25.
- Zelf, M. M., Kudimovich, G. V. - Reconstruction of the 27th class button machine used for sewing (all four-hole buttons). p. 28.
- Zelf, M. M., Zhdan, N. K. - Work of efficiency bromotors at the Minsk Union of the Clothing Industry named after Krupskaya. p. 29.
- 1968 Spring Fair in Leipzig. p. 35.
- Doshchunko, N. I. - Results of a public checkup on the work quality of youth employed for the first time by enterprises of light industry. p. 38.
- All-Union Scientific and Technological Seminar. p. 38.
- In the Ministry of Light Industry of the U. S. S. R. 3 of cover.
- SILUETT [SILHOUETTE]. Issued by Eesti NSV Riigivallanduse Nõukogu Kergekoostööse Vallanduse Tallinna Meenaja [Administration of Light Industry of the Estonian Council of the Estonian S. S. R. and the Fashion House of Tallinn]. Tallinn, Autumn, 1968. (In Estonian)
- TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Ministerstvo legkoj promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obschestva legkoj promyshlennosti [Ministry of Light Industry of the U. S. S. R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 28, no. 5, May 1968.
- Table of contents translated:
- Sporyshev, V. M. - Building of textile and knitting plants in the U. S. S. R. p. 1.
- Varlamov, A. H. - Effect of the change of labor expenditure on the level of production costs. p. 8.
- Ritabov, L. A., Minzhev, N. D., Galko, N. V. - New organization of the labor of repairmen brigades servicing spinning machinery. p. 9.
- Molomed, L. G. - Characteristics of cord products manufactured by the braiding method. p. 10.
- Kiselev, M. A. - Continuous lines for silver production in woven manufacturing plants. p. 13.
- Mentkova, M. P. - Blending of cotton by means of automatic bale-loosening units. p. 15.
- Blinova, S. I., Nysen'ko, M. T. - Polyamide runners of spinning and twisting machinery. p. 17.
- Larin, V. F., Volkov, B. A. - Performance of the PK-100 spinning and twisting machines. p. 18.
- Sokolov, S. V. - Pressure beams with a convex surface decreasing thread breakage during spinning. p. 20.
- Pervukhina, Z. S., Aleksandrova, A. D. - New types of serrate belts for the lickers-in of cotton carding machines. p. 23.
- Kalashnikov, G. S. - How to modernize the RK-150 winding machine. p. 23.
- Kopylov, V. V. - Covering taking-up rollers of looms with a serrate belt. p. 25.
- Kozlov, A. P., Kharitonova, E. G., Smarkina, O. O. - Woolen fabrics manufactured from twisted fancy yarn. p. 26.
- Urbanakii, R. E., Smirnov, G. M. - Ensuring continuous tension of the warp during positive rotation of the package. p. 27.
- Chernigova, E. N. - New assemblies for looms. p. 28.
- Beloshapkin, D. F. - Giant knit goods factory on the Yenisei River. p. 29.
- Babitskiy, S. V., Smirnova, I. G. - Machinery and technology of the production of knit underwear. p. 32.

AUTOMOBIL'NAYA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet avtomobil'nogo transporta i shosseynykh dorog [State Committee for the Transport and Agricultural Machinery Industry, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 34, no. 3, Mar. 1968.

Table of contents translated:

Nerozov, K. A., and others. - Registering pressure in the exhaust manifold of a high rpm engine. p. 1.

Mozokhin, N. G., Vodenikov, A. A. - Durability of the model 320B (320) stationary engine. p. 5.

Kirsa, V. I., Korol'kevich, V. I. - Instrument for determining the advance angle for fuel injection. p. 7.

Kozlov, L. S. - Generalizing indices of the operational reliability of motor vehicles. p. 8.

Korot, V. I., and others. - Effect of slippage resistance of motor vehicle tires on fuel consumption. p. 11.

Makhlantsev, V. V. - Application of the international system of units in the theory of truck engines. p. 14.

Kreslavnikov, G. A., Shuklin, S. A. - Method of determining the mobility of motor vehicles. p. 16.

Mikhalovskii, E. V., Tur, E. A., Zhamnikov, S. I. - Comparative aerodynamic testing of PAZ-452 and PAZ-605 buses. p. 18.

Mecherikov, V. I., Larkov, V. A. - Use of electronic digital computers for determining the rate of speed of motor vehicles. p. 20.

Kulikov, A. A., Kolesnikov, I. N. - Effect of the control and protection circuits of a transistor on its operating mode and output characteristics in transistor switching circuits in ignition systems. p. 23.

Milui, V. I., Zubarev, N. A. - Investigating fatigue strength of wheels welded in carbon fluxing gas. p. 26.

Golman, M. D., and others. - Mechanization of the wheel assembly line for the "Iral-375" motor vehicle. p. 28.

Boklin, G. V. - Improving the quality of copper soldering in a conveyor oven. p. 31.

Gerla, E. V., Vorobeychuk, I. U., Farol, A. A. - Experimental investigation of cavitation of pneumatic drive at the end of a stroke. p. 32.

Korshak, N. A. - Combustion for the production of gas back supports. p. 35.

Kruglov, B. I., Baitzhevich, T. M. - Experiment in the control of nonstationary noise in auto ships of the Gorky Motor Vehicle Plant. p. 39.

Miragayevskii, I. A., Sorochan, I. U. P. - Swivel shift on foreign make trailers and semitrailers. p. 50.

Oerlarovskii, A. D. - Shock absorbers with controlled resistance. p. 40.

Gor, A. I. - French Sinter-Glass Plant. p. 42.

Sukhikh, M. I., Monakhina, L. M., Platibratova, V. K. - Brief review of electronic computers. p. 43.

Grigor'ev, I. A. - Study for shaft wheel balancing of passenger cars. p. 46.

AUTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseynykh dorog [Ministry of Transport and Highway Works of the U.S.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 48, no. 2, Feb. 1968.

Table of contents translated:

Korot, N. - Operations of motor vehicle transportation enterprises in new conditions. p. 1.

Introduce patriotic initiative into all enterprises. p. 5.

Gorskii, P. - Military motor vehicle drivers. p. 7.

Korot, M., Ryzhikov, E., Klov, N. - Our host men. p. 8.

Petrova, N., Alokseeva, I. - More attention should be given to the cost-analysis of motor vehicle transportation. p. 11.

Milzarev, M. - What is needed to change operations of freight truck stations to the new system. p. 13.

Agabov, A. - How to evaluate the fuel economy of a motor vehicle. p. 16.

Mofonko, S. - The basis for the increase of motor vehicles in service. p. 18.

Dmitriyev, V., Tikhonov, V. - A single ticket for all types of city transport. p. 18.

Ansharov, I. A. - Organization of operations of the Yalta autobus and trolleybus terminal. p. 19.

Gall'bur, A., and others. - Second technical maintenance of MAZ motor vehicles. p. 22.

Mikhailov, I. U. - Study for tires. p. 23.

Kalsne'son, E. - Technical servicing station for passenger cars. p. 27.

Cheravlin, L., Loban, A. - Thermosiphon warning up of autobus engines. p. 28.

Prokop'ev, V. - On the repair of the crank mechanism. p. 30.

Aver'yanov, V. - Filling-in of damaged steel sheeting. p. 32.

Rukovskii, V., Koslov, P. - Mechanization of autobus overhaul. p. 34.

Romarets, N. - Improving the overhaul of GAZ-51 engine. p. 35.

Petersonosov, V. - The automobile industry during 1966-1970. p. 37.

Batlo, N. - KRAZ-255B high roadability truck. p. 40.

Makharov, V. - Testing URAL-375K motor vehicles in regions of the Far North. p. 42.

Dudashov, D., Rzev, A. - Container for transporting oxygen cylinders. p. 44.

Nov traktory for trucks. p. 45.

Gurev, V. - Propaganda autobus. p. 46.

Urecherko, M., Kravtsov, A. - Reasons of road transportation accidents should be discussed with drivers. p. 46.

Ural-375S saddle tractor-truck train with a OdAZ-935 semitrailer car. p. 47.

Polechko, K. - Machine with built-in programmed detectors. p. 48.

Dzel, B., Laz, A. - Brake chambers overhaul station. p. 51.

Zhdanov, I. - Hydraulic jacks for live mounting stations. p. 52.

Pitoevko, V. - Manufacturing compressor valves. p. 53.

Kreunenko, L. - Once more about the regulation of the driver's training. p. 56.

Pustovalov, B. - Driving safety seminars. p. 57.

Avants to the best. p. 58.

Lipskaya, V. - Czechoslovakia special-purpose semitrailers and trailers. p. 61.

Paliet Instrument set. p. 62.

Vol. 40, no. 5, May 1968.

Table of contents translated:

Skill plus experience. p. 11.

All-Russian conference of motor vehicle drivers and road maintenance workers. p. 1.

The five-year plan quota should be filled ahead of time. p. 3.

Ivashenko, S. - Transport economics should be put on a scientific basis. p. 6.

Parkomenko, N. - Work under new conditions. p. 8.

Rastich, N. - Motor vehicle drivers of Kanchalka. p. 9.

Adnava, G. - First steps on the way of work. p. 10.

Shenst, V. - Improving the system of depreciation deductions. p. 11.

Isaeva, L. - Technical development and depreciation norms for trucks. p. 13.

Bratun, M. - Mechanized processing of documentation in the accounting of material values. p. 14.

Aleksandrov, L. - Intercity freight transport should be developed. p. 16.

Lysator, A. - Determining the volume of transportation means needed for the collection of crops. p. 18.

Miroshnikov, L., Boldin, A. - Spectrum analysis of oil in engine diagnosis. p. 22.

Gennilov, V., Zelik, A. - Diagnosing brake systems. p. 25.

Krametsov, A., and others. - Single-cable grab bucket for cleaning settlement tanks. p. 27.

Rosokhovskii, L. - Circular conveyor for technical servicing. p. 28.

Rosenkov, A. - How long should a motor vehicle last? p. 29.

Rudin, I. U. - Repair of an automobile and its lifespan. p. 30.

Kolganov, R. - Basis for determining the lifespan of motor vehicles. p. 32.

Gordenko, I. - Centralizing the repair of instruments of the fuel and electric systems. p. 35.

Nevzorov, A. - GAZ-24 "Volga" motor vehicle. p. 37.

Aloyan, K., Volkov, V., Mazulov, N. - Hydraulic transmission for city buses. p. 38.

Akoplan, R., Semenko, E. - Modernizing the suspension of LAZ city buses. p. 43.

Palm, V., Sver'ev, G. - Wheels for large-size tires. p. 45.

Dorover, I. U., Satarovskii, S. - The work area of the driver and traffic safety. p. 46.

Bushnev, P., Klov, V. - More attention should be paid to road signs. p. 48.

Zubritskii, M. - Every graduate of an automobile technician should have a driver's license. p. 50.

Krokhin, V. - The motor vehicle checks the driver's skill. p. 50.

Danilenko, I. - About the coefficient of motor vehicle utilization. p. 52.

Instrumental checking gaps. p. 53.

Sislov, V. - Device for removing the pitman arm. p. 54.

Lysov, A. - Machine-tool for boring of bushings. p. 55.

The resolutions of the conference should be implemented. p. 56.

New bus barn in Leningrad. p. 59.

Sorochan, I. U. - Requirements for brake systems of trucks and tractor trains. p. 60.

CHEL'YABINSK POLYTECHNICAL INSTITUTE. Sbornik trudov [POLYTECHNIC INSTITUTE. Papers]. No. 38, 1968. Dynamics of unflow steam generator operations.

Table of contents translated:

Gorliga, V. A., Morozov, I. I. - Equations of steam generator dynamics. p. 6.

Morozov, I. I., Gorliga, V. A. - Analytical investigation of the steadiness of processes in unflow steam generators. p. 22.

Bl6g

Zhirnov, V. V. - Analytical investigation of the dynamics of the natural circulation contour. p. 34.

Gorliga, V. A., Morozov, I. I. - Determining the areas of steady performance in steam generators. p. 44.

Nakozin, V. N. - Calculating coefficients of dynamics equations. p. 62.

Zelenkov, A. T., Nakozin, V. N. - Solving problems of steadiness on electronic computers. p. 83.

Malikov, V. A., Kuz'min, V. P., Smirnov, G. D. - Experimental investigation of steadiness. p. 96.

Korotkov, N. I. - Transients in a single steam generating contour. p. 110.

Kuznetsova, V. F. - Resonance characteristics of simplest models of unflow surface heat exchangers. p. 126.

DNEPROPETROVSK. INSTYTUT INZHENERIV ZALIZNYCHNOHO TRANSPORTU. Trudy [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions]. No. 72, 1967. Problems of rolling stock dynamics and the use of computers; Transactions of the seminar on mechanics.

Table of contents translated:

Lazarlan, V. A., Ishkalov, V. F., Tenchbaum, E. M. - Use of electronic digital computers for determining the frequencies and amplitudes of harmonic component vibration processes recorded during tests of railroad vehicles. p. 3.

Lazarlan, V. A., Manashkin, L. A., Mzyukin, V. A. - Use of analog computers for investigating processes taking place under the longitudinal impact of multidimensional mechanical systems. p. 15.

Lazarlan, V. A., and others. - Transient processes in the movement of a train consisting of cars with a sliding rigid beam and no tolerance in the draft. p. 44.

Lazarlan, V. A., Blokhin, E. P., Zelenskii, V. A. - Transient processes in the movement of trains, the cars of which are equipped with SII-2-T absorptive devices. p. 57.

Lazarlan, V. A., Blokhin, E. P., Barbus, I. G. - Stresses in freight trains under locomotive braking through direct brakes. p. 67.

Vanashin, E. N., Manashkin, L. A., Prudnikova, I. A. - Investigation by means of an MPT-9M structural model of the constrained vibrations of a two-bracket beam. p. 74.

Ospov, A. M. - Determining the shifting of rods during bending, taking into account the physical and geometric nonlinearity. p. 76.

Ol'shevskii, E. A. - Method of determining the criterion of stability and the ratio of safety to prevent the derailment of a car. p. 84.

GIDRODINAMIKA BOL'SHOI SKOROSTI [HYDRODYNAMICS OF HIGH VELOCITIES]. Issued by Akademiya nauk Ukrainoi SSR [Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 6, 1968.

Table of contents translated:

Puchotnikov, A. N. - Carrying surface in a consistently flow of a finite liquid. Part 2. p. 1.

Pullin, S. I. - Solution of the problem of a hydrofoil of minor wing aspect ratio with the aid of series. p. 22.

Pudlin, S. I. - Concerning the problem of the wing flutter near the screen. p. 35.

Abramov, I. U. A. - Vibrating wing in a plane-parallel flow of a compressible fluid. p. 45.

Skrupachov, V. V., Galdachenko, Zh. G., Kozlov, I. F. - Use of the Nekrasov method for the integration of a nonlinear differential equation in the laminar boundary layer theory. p. 51.

Skrupachov, V. V., Kozlov, I. F. - Calculation of the characteristics of a boundary layer during the suction of liquid through a narrow slit on the body surface. p. 59.

Bublikin, A. F., Ivchenko, V. M. - Jet theory of a hydrofoil heat engine. p. 67.

Tkatch, E. F., Tkatch, V. S. - Concerning the kinetic theory of gases. p. 70.

Egida, N. M., Mokreev, I. U. G., Chernyi, I. M. - Correlation of the fundamental parameters of the gas-water jet propellant. p. 86.

Sil'nov, N. V., Tkatch, V. S. - Theory of simple waves in magnetohydrodynamics. p. 93.

Ivanov, V. N., Shvachko, V. T. - Selecting the parameters for the control rules of a hydrofoil vessel in lateral propulsion. p. 101.

Dorzhuk, M. N. - Hydrodynamical characteristics of a cavitation wing moving in a plane flow. p. 108.

Kostin, A. G. - Hydroaerodynamic characteristics of a triangular low-aspect-ratio wing near the screen. p. 113.

Kharchenko, A. G. - Effect of the shape of profile on the wing lift near the screen. p. 121.

Koshov, V. I. - Hydroaerodynamic characteristics of a high-aspect-ratio wing near the screen at ultimate angles of attack. p. 127.

Kulomov, V. I. - Calculating the balancing mole of a flying craft moving near a solid screen. p. 132.

Prizhuk, N. A. - Concerning the problem of multi-stream hydrojets. p. 136.

Nashchuk, V. S. - Spectrum of correlation functions of a turbulent flow near a rough wall. p. 143.

Nikulin, I. K., Marichenko, A. G., Tinakovich, A. M. - Effect of the freezing and thawing of water on its viscous properties. p. 149.

Neshchorel, V. I. - Experimental study of the interaction between two bodies of large Froude numbers. p. 152.

Zalutskii, E. V. - Plotting the curves of mean velocities and shearing stresses in the case of non-uniform flow of liquid. p. 157.

- No. 57, 1968. Planning and constructing railroad buildings
Table of contents translated:
Lukashchik, I. V., and others. - Standardization of small and medium-size railroad station buildings. p. 5.
Lukashchik, I. V., Limar', E. A., Lutskiy, M. S. - Planning consolidated small railroad stations. p. 13.
Lukashchik, I. V., Limar', E. A., Lutskiy, M. S. - New types of combined railroad and bus terminals. p. 18.
Lukashchik, I. V., and others. - Standard requirements for planning railroad stations. p. 24.
Lukashchik, I. V. - Individual norms for areas and heights for passenger waiting rooms at railroad stations. p. 32.
Lukashchik, I. V., and others. - Standards for the principal areas of railroad stations. p. 39.
Limar', E. A., Lutskiy, M. S., Kovalenko, I. U. S. - New types of suburban passenger pavilions. p. 44.
Limar', E. A. - Prospects for enlarging the Kharkov railroad station and its square. p. 48.
Zinkovskiy, A. A. - Types of residential buildings for the perspective construction in railroad stations and estate farm settlements of the eastern Ukraine. p. 53.
Zinkovskiy, A. A. - Design norms for rural housing construction. p. 56.
Kubelatskiy, I. I., Kostin, A. G. - Possibilities for lowering labor input in the erection of large-panel residential buildings. p. 60.
Kubelatskiy, I. I., Pichugin, S. A. - Effect of labor productivity increase in the erection of buildings on the rise of the economic effect in construction. p. 65.
Kubelatskiy, I. I., Pichugin, S. A. - Determining the needed number of erecting machines by the cost of their operation. p. 71.
Pichugin, S. A. - Method of determining the mechanization level indices in the construction of buildings and structures. p. 75.
- MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 2, Feb. 1968.
Table of contents translated:
Conference of machine building industry workers. p. 1.
Shekhov, B. V. - Production and aesthetics. p. 3.
Ustinov, A. G. - Aesthetic level of the manufacturing environment. p. 4.
Iapin, I. U. S. - Graphic displays in the shop. p. 7.
Blokhin, V. V. - Functional painting. p. 11.
Pinchuk, T. A. - Paints and varnishes for industrial interiors. p. 13.
Krol', T. S. I. - Industrial artificial lighting. p. 15.
Koval'chuk, T. P. - Electrophysiological methods of equipment evaluation. p. 17.
Sokolov, L. K. - Modern complex of service buildings. p. 19.
Glitskin, V. A. - Industrial interior. p. 21.
This can be used in your enterprise. p. 24.
Erman, N. N. - The art of production in a foundry. p. 26.
Ashkizal, B. I., Stoltarovskii, G. M., Shpanin, M. G. - Our experience in introducing industrial aesthetics. p. 28.
Tuzil'manov, G. A. - Modern requirements of product design. p. 29.
- Tikhonov, I. U. N. - Music and production. p. 31.
Fina, K. I. - Landscaping in industrial enterprises. p. 33.
Zhelezova, N. L. - Your work suit. p. 36.
Kalannikov, L. N., Pettenko, V. K., Levina, G. Sh. - Diamond-machining of hard-alloy cold upsetting tools. p. 38.
Proskurin, I. G. - Utilization of capital assets in a plant. p. 40.
Gorelov, A. B. - New face milling cutter. p. 42.
Hungarian machine tools at the Budapest International Fair. p. 44.
- No. 5, May 1968.
Table of contents translated:
The topic of mankind. p. 1.
Gorbik, V. A. - According to individual plans. p. 2.
Margulin, A. L. - Mechanization of warehouse control processes. p. 4.
Lyssakov, A. G. - Automatic hoisting and conveying equipment in warehouses. p. 6.
Ziser, G. R., Volozov, D. I. - New method of preparation for tool production. p. 9.
Routintsev, A. A. - Evaluating stop work by quality. p. 11.
Nigmatova, N. K. - Foremen should acquire the scientific organization of labor. p. 13.
Kirichevskiy, M. E., Nikolaeva, V. I. - Interior design of machine shops. p. 15.
Raitman, I. A., Logachev, G. A. - Light and color in industrial esthetics. p. 18.
Chibrikov, V. G. - Automatic control machines. p. 20.
Rozenberg, A. M., and others. - Effect of broadening operating conditions on surface finish. p. 21.
Ishtchev, A. P., Andriushchenko, I. I. - Application of molybdenum disulfide coatings. p. 23.
Proskuriakov, I. U. G., Melnikov, B. A. - Cold rolling of journal steel. p. 24.
Ershov, B. A. - Machining endless screws on screw cutting lathes. p. 25.
Danilov, S. F., Laptevskiy, M. Yu. - Thread turning using a double support. p. 26.
Sheshkov, N. A. - Calculating swing brackets for gear milling machines. p. 27.
Ivanov, E. V. - Grinding a cutting tool blank. p. 27.
This can be applied in your enterprise. p. 28.
Grigor'ev, I. U. P. - New helical gear design. p. 30.
Chernovol, P. M. - Pneumatic vibration device. p. 30.
Parkhetan, Kh. R., Proskurovskiy, I. A. S., Iokalkin, A. M. - Fiber glass bolt materials. p. 31.
Sergeev, V. M. - A vibration damper. p. 31.
New devices at the Leipzig Fair. p. 32.
Timmerman, A. A. - Device for coiling springs. p. 33.
Iauehev, A. M., Tsiporkin, I. U. Kh. - Device for drilling holes. p. 34.
Solodovnik, S. F. - Machine for hardening lateral land surfaces. p. 34.
Chekov, I. M. - A machine for grinding and polishing. p. 35.
Tikhonov, E. S., Krupitskiy, V. A. - A device for dressing abrasive disks. p. 36.
Kaminskaya, V. V., Kovtun, E. G. - A right machine tool support. p. 36.
Enel'farcov, I. K. - Perfected mechanism. p. 37.
Kamnev, P. B. - Improving press-working of metals. p. 38.
Dorlov, I. U. S. - Repair of equipment and managerial reform. p. 39.
Pogrebnitskiy, G. E., Shelud'ko, V. P. - Exhibit of achievements in Ukrainian machine building. p. 42.
- MEKHANIZATSIA I AVTOMATIZATSIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet po mashinostroeniui pri Gosplane SSSR [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.]. Moscow, vol. 22, no. 1, 1969.
Table of contents translated:
Perlen, I. U. A., Lapkin, I. U. P., Sheng'in, V. P. - Automated control of the overhead potter conveyor. p. 1.
Faktorovich, I. U. D. - Automation of proportioning plasticizers and feeding them into mixers. p. 4.
Shifeko, I. V. - Overall mechanization of loading operations of individually packed goods. p. 6.
Korot'kov, I. E. - Mechanization of unloading point from hopper-type freight cars. p. 10.
Nurok, G. A., and others. - Experience in mechanizing under-water mining of titaniferous sands. p. 12.
Rusakov, A. K. - Introducing mechanization and automation in Leninograd enterprises. p. 14.
Genel', V. A., Hatushenko, G. V. - Mechanization of bottling of aggressive fluids. p. 18.
Pavlov, G. V., Pamfilov, S. A., Noskalenko, V. A. - Means of mechanization designed by the Central Equipment Designing Office of the Main Administration of Hoisting and Conveying Machinery. p. 21.
Lipatov, E. G. - Automatic machine for conditioner building rule. p. 26.
Malarenko, P. G. - Portable communication equipment for mines. p. 27.
Lazovskiy, A. S., Kol'yakh, A. S., Larin, I. U. V. - Application of automated pneumatic elements of
- the mineral system of elements of hydraulic transmission in coal mines. p. 28.
Marsov, V. I., Bau, M. M. - Automating the proportioning devices and study of their operation. p. 30.
In the Ministry of Machine-Tool and Culture Industry. p. 33.
Itatner, J. M., Bluyshoin, M. M. - Operational management at the "Krasniy Proletarii" Plant. p. 34.
Mel'nikov, I. G. - At the "Interpromish" exhibition. p. 39.
Shukhanov, D. F. - Mechanization and automation of main themes of international exhibitions. p. 43.
Organization of operations in fully automatic automated warehouses. p. 48.
Loskov, V. I. - International conference on the use of computers in the control of industrial processes. p. 53.
Tepliov, G. O. - On the ways to determine efficiency. p. 54.
Aleksandr Onisimovich Spivakovskiy. p. 54.
- Vol. 22, no. 4, 1968.
Table of contents translated:
Venger, I. P., Kats, R. G. - Automating the cutting and chamfering phases. p. 1.
Slitkin, I. U. D., Uppmuskii, L. S. - Ambiguity of heat-treatment conditions for galvanized sheet products. p. 3.
Vasserman, E. K., and others. - Automatic control of temperature conditions of ammonia synthesis. p. 4.
Salnovskiy, P. P. - Automation of the packaging of loose materials. p. 6.
Drizdel'shin, K. B. - Finishing billets on the 200-ton mill. p. 8.
Gamershteyn, V. A. - New methods for analyzing lubricants on the surface of rolling stock. p. 11.
Parasnik, P. F. - Mechanization of the hydraulic winding of sand in a pneumatic conveyor. p. 11.
Zhurav, V. I., Slonimskiy, S. A., Merzhanskii, I. P. - Mechanization of clearing operations in water engineering works. p. 12.
Kinkovets, L. V. - Systems of parallel flow of pneumatic lines with branched flows. p. 14.
Chabanov, I. U. U. - Semi-automatic regulation of valves of the "Kanna-3" electric pump. p. 16.
Babin, L. A., Prinshtein, V. Sh., Izrael'skiy, I. V. - Assembly line for combi-conveyors. p. 18.
Gubin, V. I. - New continuous production line. p. 19.
Iulevy, V. I. - Automatic wrapping machinery with belt feed mechanisms. p. 22.
Chikhin, I. B., and others. - Improving the control of the TS-35 electric fan drive. p. 24.
Tsyplov, V. N., Shevtsov, N. N. - The development of the hydraulic drive of vibratory feed mechanisms and conveyors. p. 26.
Kytimovskiy, E. B., Timok, E. P. - Automation of pulp alkalinity. p. 28.
Dubov, E. E., Smolin'skaya, I. Z. - New device for packaging sensitive precision instruments. p. 30.
Kruglyy, V. A. - Obtaining high productivity of work on machine-tool units. p. 31.
Bykov, V. I., and others. - Increasing the efficiency of materials crumbing in furnaces. p. 31.
Dornovskiy, V. N. - Review of power engineering facilities "Electrifika" in the USSR. p. 34.
The Exhibition of the Achievements of the Soviet Economy. p. 36.
Alfonso, S. P., Smirnova, N. P. - International exhibition in Sukhumi. p. 37.
Srinkev, I. A., Puschanskiy, I. I. - Advantages of engineering calculations by the use of computers. p. 39.
Dmitrovich, H. G., Lipin, I. U. N., Plaksha, V. V. - Unit for information processing. p. 42.
Rozhnov, N. S. - Economic indices of the mechanization of computing centers in machinery plants. p. 44.
Korot'kov, I. E., Gornomova, O. G. - Quality of adjustment and efficiency of automatic systems. p. 46.
Gli'do, E. K., and others. - Automatic control for utilization of good stocks. p. 48.
Atollo, E. S., Rubinshtein, L. M. - Technical and economic evaluation of the efficiency of analytical chemistry apparatus. p. 49.
Gruzikov, E. F., Seilykh, K. V. - Increasing the productivity of working machines in making wire products. p. 52.
In the Ministry of the Machine-Tool and Culture Industry. p. 64.
Chalo, K. - Technological innovations in the heavy light industry. p. 65.
Advanced designs of conveyors for bulk goods. p. 67.
- MOSCOW, MOSKOVSKIY INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy Moskovskogo instituta inzhenerov zhелеznodorozhnogo transporta. [Transactions of the Moscow Institute of Engineers of Railroad Transportation]. No. 232, 1968.
Hydraulic transmission of diesel locomotives and freight hoisting machines.
Table of contents translated:

- hydrodynamic transmissions for diesel locomotives, p. 5.
- Kudravytskiy, V. V. - Ways of improving traction, economic and operational indices of diesel locomotive hydrodynamic transmissions, p. 9.
- Kaplanov, L. A., Kudravytskiy, V. V., Miskovitch, V. G. - Experimental investigation of ventilation losses in drained torque converters, p. 21.
- Kravtsov, V. V. - Hydraulic pressure losses in torque converter axle gears, p. 28.
- Kudravytskiy, V. V. - Investigation of ventilation losses in multichannel transmissions of diesel locomotives, p. 35.
- Krikov, V. G., Kravtsov, V. V. - Experimental determination of allowable errors in practice and angles of working wheel paddle assemblies of a GT-NR torque converter, p. 42.
- Gordeev, A. S., Krikov, V. G., Iamvskiy, M. F. - Effect of paddle slipping in the characteristics of a TP-100 torque converter, p. 50.
- Kaplanov, L. A. - Use of controlled torque converters with a centrifugal turbine in freight lifting machines, p. 55.
- Kaplanov, L. A. - Investigation of mutually operational processes of controlled torque converters, GT-N and GT-NR, p. 62.
- Nalavich, M. I., Krikov, V. G. - Investigation of flow in the working chamber of a torque converter with a centrifugal turbine, p. 72.
- Gordeev, A. S., Nalavich, M. I., Iamvskiy, M. F. - Double stage hydrodynamic transmission, p. 78.
- Grinov, V. S., Skogel', I. L., Shukhov, V. G. - Determining the wear of limit functioning pairs of hydraulic pumps, p. 87.
- Gordeev, A. A. - Dynamics of transducers of power compensation allowing for typical nonlinearity, p. 94.
- Grinov, V. S. - Design of ball end distributors, p. 104.
- Iukhnovich, K. G. - Vibrations of mechanical system under the action of periodic pulses with attenuation taken into account, p. 108.
- No. 236, 1967. Study, calculations, and improvement of components of power supply systems of electric railroads.
- Table of contents translated:
- Krashtinov, M. E., Privetentsov, N. N. - Results of testing an experimental model of a power dispatcher's network analyzer, p. 4.
- Privetentsov, N. N. - Power recovery point in the power dispatcher's network analyzer, p. 11.
- Dykov, E. I., Puzhik, V. N. - Equivalent circuit of a subway traction network representing a short circuit mode, p. 17.
- Dykov, E. I., and others. - Experimental investigation of parameters of a d.c. open arc in a subway traction, p. 22.
- Zasorin, S. N., Krashtin, G. S., Fudolov, V. V. - Increasing the efficiency of dependent inverters with the help of thyristors, p. 20.
- Chernov, I. U. A. - Numerical probability characteristics of values determining the operating conditions of traction power supply equipment taking into account equalizing current, p. 38.
- Chernov, I. U. A. - Problem of automating the parallel work of a.c. traction substations for the purpose of lowering the volume of equalizing current, p. 40.
- Chernov, I. U. A. - Effect of capacity compensation on the volume of the equalizing current in the a.c. overhead contact network, p. 50.
- Dyakonov, A. L. - Selection of means for regulating voltage and reactive power in a.c. traction networks, p. 58.
- Zavarnakhi, A. N. - Experimental definition of reverse sequence currents in a.c. traction substations, p. 72.
- Milutin, A. P. - Approximate determination of steady-state modes in nonlinear electric networks, p. 119.
- Karaev, R. I. - Supply of power to nontraction consumers of electrified railroads using a two-wire-rail system, p. 126.
- Kosarov, B. I. - Study of currents and voltage of a traction operation in d.c. traction networks, p. 131.
- Kliukov, V. A. - Booster operation on a d.c. traction substation, p. 139.
- Sakovich, A. A., Dan'ko, G. F., Volchitsky, G. M. - Ways of improving voltage regulating equipment on d.c. railroads, p. 144.
- Abramovich, M. I., Dan'ko, G. F., Sakovich, A. A. - Thyristor frequency converters for feeding asynchronous motors of a.c. electric locomotives, p. 150.
- Zavarnakhi, A. N. - Effect of nonregulated balancing devices of traction substations on the volume of current of direct sequence and on the power factor, p. 78.
- Beikov, B. A. - Selection of basic parameters of a specialized device for feeding into the "Ural-2" digital computer the information from tapes of an MDT automatic digital recording device, p. 82.
- Surgeev, N. G., Tokarov, L. F. - Improving methods for calculating current distribution in the system rail-ground-underground structure, p. 90.
- German, L. A. - Regulation of ballistics for transverse capacitive compensation of a.c. traction
- MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATELSKIY INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy ILL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions No. 312, 1966. Study of a.c. electric locomotives and trams.
- Table of contents translated:
- Tikhomirov, B. N., Golovarov, V. A., Kapustin, I. D. - Smooth regulation of voltage in traction motors of electric one-phase d.c. rolling stock with thyristors, p. 5.
- Tikhomirov, B. N., Golovarov, V. A., Basov, I. U. A. - Smooth regulation of rectified voltage in electric locomotives with thyristors, p. 10.
- Kapustin, I. D. - Smooth regulation of rectified voltage in electric trains with thyristors, p. 33.
- Novikov, O. I. - Thyristor control system in adjustable power installations of the electric rolling stock, p. 48.
- Golovarov, V. A., Novikov, O. I. - Performance of series-parallel connected thyristors in circuits of rectifying systems, p. 65.
- Nekrasov, O. A., Miroshchitskiy, R. I. - Operating conditions of auxiliary voltage machines, p. 78.
- Perlovskiy, M. L., Lyolnikov, V. P. - Experimental study of IVF-500/5 ignitrons with ceramic screens, p. 98.
- Nekrasov, O. A., and others. - Study of new electric elements in a.c. electric locomotives, p. 103.
- No. 336, 1967. Use of electronic equipment in the control systems of electric traction units.
- Table of contents translated:
- Faminskii, O. V. - Working principle and effectiveness of an "automatic pilot", p. 5.
- Takritnikov, V. A., Filatov, B. D. - Programmed control of an interurban train, p. 14.
- Takritnikov, V. A., Filatov, B. D., Bushchenko, I. U. - Automatic control of the braking of an interurban train, p. 26.
- Filatov, B. D. and others. - Device for determining the magnitude and the difference sign of binary numbers, p. 37.
- Orlovskiy, V. A., Bykov, V. A. - Some principles of the design of transistor power-directional relays, p. 42.
- Ovchinnikov, V. A., Bykov, V. A., Medynskiy, V. S. - Use of a transistor comparison network in protective relays and automatic equipment, p. 51.
- Ovchinnikov, V. A., Chigayev, G. K., Popov, S. A. - Transistor logic relay network with efficient conductance, p. 56.
- Ovchinnikov, V. A., Brumova, I. A. - Increasing the temperature stability of a time relay, p. 71.
- Shulov, B. N. - Differential protection of transformers in traction substations, p. 75.
- Bykov, V. A., and others. - Unit for the automatic control of unbalanced voltage using compensating condenser batteries, p. 91.
- Ovchinnikov, V. A., Tamarov, A. I. - Electronic relays for active and reactive current, p. 97.
- Zimakov, V. A., Levin, G. M. - Device for determining the distance to damaged areas in a.c. overhead contact network of electric railroads, p. 102.
- Levin, G. M. - Error of a method utilizing the shaping characteristics of a short-circuited line, p. 115.
- Zimakov, V. A. - System for automatic reclosing of transmission lines of d.c. traction substations, p. 121.
- Pyshin, O. K. - Increasing operational reliability of contactless elements in "large" system blocks, p. 127.
- Khalikov, V. S. - Determining the reliability characteristics of transmitters by results of accelerated tests, p. 136.
- Abramov, V. M., Khalikov, V. S. - Stability of small-signal parameters of certain low-power germanium transistors, p. 150.
- Khalikov, V. S., Ovchinnikov, V. A., Sukhodubskiy, N. D. - Prospects for increasing the reliability of semiconductor triodes using a heat cycling method, p. 170.
- Plyusarov, A. V., Sukhodubskiy, N. D., Ovtanits, V. A. - Modern systems of remote control of power supply to electric railroads and trends in their development, p. 170.
- Bakeev, F. E. - Some problems of operational work of a power dispatcher: quantitative analysis, p. 195.
- Neganov, A. A. - Remote signaling of critical magnitudes of voltage and current in traction substations, p. 204.
- MOSCOW, VSESOIUZNYI ZAOCHNIY INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy ILL-UNION CORRESPONDENCE INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions No. 22, 1967. Problems of organizing car flows, the setting up and the operation of stations.
- Table of contents translated:
- Vetukhov, E. A. - Problems of local freight handling installations at intersections in large cities, p. 5.
- Furman, E. S. - Analysis of direct variant transshipments of cargoes, p. 41.
- Goncharov, N. E. - Optimal performance of switching diesel locomotives, p. 57.
- Sergeev, P. M. - Determining the effectiveness and selecting the type of through freight trains, p. 71.
- Sergeev, P. M. - Compacted use of classification tracks at stations without hump yards, and making up two-group trains during the breaking-up process in the absence of classification tracks at hump yard stations, p. 121.
- Fomin, N. E. - Methodology of calculating the width of passenger platforms, p. 135.
- OMSK, INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Nauchnye trudy INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Studies, Vol. 71, 1967.
- Table of contents translated:
- Tsygankov, V. I. - Method for analyzing and calculating the shunt assembly of track circuit using the threshold characteristics of track relays, p. 3.
- Trebin, V. M., Zakodchazhnyi, V. N. - Measurement of the parameters of track circuits by means of a radio channel, p. 12.
- Trebin, V. M. - Determination of transmission factors in a rectifying quadrupole for the approximation calculation of rectifying track circuits, p. 19.
- Radikov, B. P. - Optimization of fault detection procedures in automatic systems in railroads, p. 28.
- Sokolov, V. I. - Automatic disconnection of a high-voltage automatic block system line during a break in a wire, p. 40.
- Sokolov, V. I., Tsepolev, I. U. A. - Results of the measurement of the parameters of the high-voltage line of an automatic block system, p. 46.
- Avvakumov, V. G., Sapelchenko, A. M. - Compensation of reactive power and nonsymmetry of the load in a three-phase system, p. 53.
- Tsepolev, I. U. A. - Study of the parameters of a high-voltage automatic block system as a communication channel, p. 65.
- Sokolov, V. I. - Device for measuring complex impedances, p. 71.
- Tsygankov, V. I., Trebin, V. M., Zakodchazhnyi, V. N. - Features of the automation of the crossing of railroad approach lines, p. 73.
- Kovalev, I. U. Z., Sherstinkin, G. A. - Transient processes in magnetic rectifier networks, p. 88.
- Sapelchenko, A. M. - Experimental study of different networks for a parallel-capacitive compensation, p. 100.
- Vol. 89, 1967. Interaction between the rolling stock and tracks, and the dynamics of locomotives.
- Table of contents translated:
- Pakhomov, M. P., Davydov, G. I. - Study of the mechanical system under viscous friction in palmo mode of excitation, p. 3.
- Pakhomov, M. P., Bulnova, M. P. - Study of the dynamic processes of the movement of wheels along an unevenly resilient track using stability theory methods, p. 6.
- Pakhomov, M. P., Batnina, M. P. - Study of vibrations of the uncoupled masses of the locomotive along an unevenly resilient track using the Ljapunov method, p. 18.
- Pakhomov, M. P., Novoseltsova, V. I. - Effect of resistance forces on the vertical vibrations of the rolling stock, p. 30.
- Pakhomov, M. P., Nikiforov, I. S. - Uneven sections in wheels of electric locomotives arising during the process of operation, p. 37.
- Pakhomov, M. P., and others. - Study of operating conditions of reducing gear housings of traction motors of the V.8 electric locomotive, p. 47.
- Dogdanov, V. P. - Calculating frequencies of natural vertical vibrations of an electric locomotive taking into account resistance forces in the spring suspension, p. 52.
- Davydov, G. I. - Constrained vibrations of an electric locomotive caused by rail joints, p. 59.
- Ellisov, S. V., Bogdanov, V. P. - Effect of resistance forces on the vibrations of a traction motor with a carrying axle hanger, p. 70.
- Nikiforov, I. S. - Experimental investigation of vibration processes in the truck frame of a ChS3 electric locomotive, p. 78.
- Pakhomov, M. P., Nikiforov, I. S. - Fatigue defects in the truck frame of a passenger train electric locomotive, p. 88.
- Nikiforov, I. S. - Measuring accelerations in the mechanical parts of the rolling stock, p. 95.
- Usmanov, I. U. A. - Pure bend of a thin curved bolster with a closed profile and local wails, p. 105.
- Usmanov, I. U. A. - Performance of a local element in a thin curved bolster with a pure bend, p. 112.
- Rylov, G. M. - Ratio of the restoration of speed in the case of elastoplastic impact of a sphere against a plane, p. 122.
- REFERATIVNYI ZHURNAL: FOTOKINOTEKHNIKA (Otdel'nyi vypusk 46) [JOURNAL OF ABSTRACTS: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 46)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 8, Aug. 1968.
- REFERATIVNYI ZHURNAL: AVTOMOBIL'NYI GOHODSKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information], Moscow, no. 8, Aug. 1968. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: KOMMUNAL'NOE, BYTOVOE I TORGOVOE OBOHODOVANIE (Odel'nyi vypusk 33) [JOURNAL OF ABSTRACTS: COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT (Separate Issue 33)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Aug. 1968.

REFERATIVNYI ZHURNAL: NASOSOSTROENIE I KOMPRESSIONOSTROENIE (Odel'nyi vypusk 61) [JOURNAL OF ABSTRACTS: MANUFACTURE OF PUMPS AND COMPRESSORS (Separate Issue 61)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Aug. 1968.

REFERATIVNYI ZHURNAL: OBOHODOVANIE PISICHEVOI PROMYSHLENNOSTI (Odel'nyi vypusk 36) [JOURNAL OF ABSTRACTS: EQUIPMENT OF THE FOOD INDUSTRY (Separate Issue 36)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, July 1968. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: PROMYSHLENNYI TRANSPORT (JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION). Issued by Vsesoyuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information], Moscow, no. 7, July 1968. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: STROITEL'NYE I DOROZHNYE MASHINY (Odel'nyi vypusk 60) [JOURNAL OF ABSTRACTS: CONSTRUCTION EQUIPMENT AND ROAD MACHINERY (Separate Issue 60)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Aug. 1968.

REFERATIVNYI ZHURNAL: VOPROSY TEKHNIЧЕСКОГО ПРОГРЕССА I ORGANIZATSII PROIZVODSTVA V MASHINOSTROENII (Odel'nyi vypusk 35) [JOURNAL OF ABSTRACTS: PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY (Separate Issue 35)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 8, Aug. 1968. Predel'nyi ukazatel' za 1967 g. [Subject Index for 1967]

RUSSIA 1923 - U.S.S.R. | Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Tsvetila vysshih i srednykh zavedeni, pribliuzhivshiesia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture], Moscow, vol. II, no. 4, 1968.

Table of contents translated:
Anisimov, V. I. - Calculation of accuracy of electronic circuits. p. 5.
Karpov, I. U. S., Karpova, I. S. - Errors of the measurement of the noise spectra of two and four-terminal networks. p. 11.

TSukerman, N. S. - Distribution of current amplification factors of single-stage low-frequency transistor amplifiers. p. 17.

Nasekorski, A. P. - One special problem in the theory of a flat condenser with transversely flexing plates. p. 22.

Sergeev, V. I., Ivanov, A. V. - Calculation of error in the measurement of the average value of fluctuating quantities by differential frequency transducers. p. 27.

Volgin, L. I. - Use of d.c. amplifiers in the measurement of active resistances. p. 32.

Leitman, M. B. - Design of smoothing filters for measuring devices. p. 36.

Avdeev, V. P., Knitin, V. G. - Automatic device for measuring and signaling the inter face level of two liquid media. p. 44.

Tolmachev, B. M., Smol'nikov, L. P. - Transfer functions of automatic speed control systems with integral-type transducers. p. 47.

Bychkov, I. U. A. - Optimal control of an electromechanical system with two control signals and limitation of coordinate. p. 50.

Andrushchuk, V. I. V., Andrushchuk, V. I. V. - Calculation of thyristor switches operating into a motor rotor. p. 55.

Isakov, N. M. - Dynamic characteristics of self-saturating push-pull magnetic amplifiers. p. 60.

Shekhtin, M. B. - Thyristor line relay. p. 68.

Dzhigapov, R. G., Vainsman, G. S. - Selection of principal parameters of a piezoceramic adding element. p. 69.

Popov, V. A. - Errors of digital regulated resistors resulting due to nonreliability of keying elements. p. 73.

Galun, V. G. - Analysis of the errors of a "voltage-to-code" converter. p. 76.

Kirpichnikov, V. M., Mikhailovskii, G. I. - Use of threshold functions in the description and analysis of analog-digital devices. p. 83.

Tetelbaum, I. M., Manzon, M. M. - Electrical modeling of a transportation problem of linear programming. p. 88.

Kargu, L. I. - Errors of a two-step integrating gyroscope created by dynamic unbalance of the rotor. p. 93.

Daydov, D. N. - Study of the distribution function of probabilities of radial errors on a plane. p. 98.

Arutunov, S. S. - Systematic error of pendulum accelerometers due to the vibration of the base. p. 104.

Zapletokhin, V. A. - Calculation of axial rigidity of single-layer molded bollocks. p. 109.

Korodov, S. F., Polunov, I. U. I. - Device for aiming the optical system of a measuring machine on the center of a hole. p. 113.

Es'kova, L. M. - Wide angle Galilean binoculars. p. 119.

Kuznetsov, V. S. - Determination of reliability in respect to parametric failures and optimization of parameters of discrete systems using matrix tests. p. 125.

Buraca, N. N., and others. - Study of the reliability of connectors obtained by a thermal compression method. p. 130.

STANKI I INSTRUMENT [MACHINE TOOLS AND CUTTING TOOLS]. Organ of Gosudarstvennyi komitet po mashinostroeniui pri Gosplane SSSR and Tsentrall'noe pravleniye Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry], Moscow, vol. 30, no. 3, Mar. 1968.

Table of contents translated:
Trenov, G. G. - Effect of errors in fabricating slides ways on contact rigidity. p. 1.

Sushitski, M. M. - Dynamics of table feed drive in vertical milling machines. p. 4.

Shishitski, D. E., Mirkes, L. A. - Installation of equipment on vibration-insulated supports without foundations. p. 8.

Besheer, V. V. - Designing cylindrical guides of heavy machine-tools in the presence of hydrostatic relieving. p. 8.

Pitel, L. I. A. - Antifriction bearings of spindles in surface grinding machines. p. 10.

Ognev, N. N., Sivozov, V. S., Naumovich, N. V. - Ratchet gearing with interlocking pawls. p. 11.

Isayev, A. I., Berlner, E. M. - A chuck for increased accuracy in cutting threads. p. 12.

Ekinov, P. A., Tachchenko, A. I., Smerenov, V. N. - A mechanical anode machine with a tubular tool electrode. p. 15.

Kondratie, V. A. - Methods for grinding bevel gear wheels. p. 15.

Abram, M. P. - High-productivity rough gear milling of wheels from difficult to machine steels. p. 18.

Nekrasov, S. S., Shil'lov, V. N. - Increasing the productivity of gear milling. p. 20.

Kozlovskii, V. V., Taranyuk, I. U. P. - Effect of oscillation on the productivity of gear hobbing. p. 21.

Makarov, N. N., Valtinskii, I. U. M. - Effect of abrasive wheel radius on the accuracy of machining cam-shaft gears. p. 23.

Korotkov, I. U. M. - Effect on tool wear of thermoelectric phenomena taking place during the cutting. p. 25.

Zhigalko, N. I., Kovzel, N. I., Lepshovich, M. V. - Tool resistance and surface smoothness in machining heat-resistant steels. p. 27.

Kukilo, I. G. - Effect of surface quality of a hard alloy on its fatigue strength. p. 28.

Khechobin, L. V. - Application of movable nozzles for cooling during the grinding process. p. 30.

Latshev, V. K., Perminov, S. A. - Effect of lubricating coolant on the thread cutting process. p. 32.

Molokhov, I. F. - Increasing cutting efficiency in the presence of "sul'foresol" coolant. p. 34.

Gorburov, E. K., Urov, A. M. - Consolidated time norms for milling roughing die grooves. p. 35.

Rock, Vladimir. - Tools for automated production. p. 37.

Rusak, Pavel. - Model OS-12 shavers. p. 38.

Mikhailov, A. M., Aisapov, V. S. - Multitool copying lathe. p. 40.

Maslov, A., Tsotlin, B. - Flashless die forging of high-speed tool blanks. p. 41.

Utekhin, I. U. V. - High-pressure manual hydraulic pump. p. 42.

New machine tools. p. 43.

TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademii nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol. 15, no. 6, June 1968.

Table of contents translated:
Shmukler, D. I., and others. - Experimental study of operating conditions with short-term interruptions in the feed of the TPP-110 once-through type boiler. p. 2.

Zykov, S. A., Manolin, N. M. - Increasing the operational reliability of condensers and regenerative heaters in connection with stepped-up requirements

for water conditions of the blocks. p. 7.
Panasenko, M. D. - Design of a boiler for operation in different modes using a method in research with electronic digital computers. p. 10.

Karnasha, E. S. - Consolidation of the construction of radiation heating surfaces. p. 14.

Znachinskii, A. V. - Determination of mass and optimum speed of gases in convergent nozzles with electrothermal distribution of phase. p. 18.

Ivanov, K. I., Zapor, K. R., Linkin, V. A. - Study method for studying ash slagging of the heat surfaces of mazut fired boilers. p. 21.

Dobromyslov, V. I. - Adjustment of a coal pulverizing system with gas drying and laminar flow. p. 26.

Zimmerger, F. M., Bystritski, S. V. - Investigation of the characteristics of large power gas turbine blocks operating in the varying part of the operating graph of a power system. p. 30.

Zolotov, K. G. - Automation of phosphate enrichment operations in blocks with drag rollers. p. 31.

Other, L. I. - Removal of ammonium from water in a steam-heating. p. 37.

Gerasimov, V. V., Grunova, A. E., Babitski, A. A. - Effect of the concentration of chlorides on the corrosion in the water in purifying cracking of oil. p. 40.

Alekseeva, N. N. - Effect of the relative rate of the fall of cascades on the efficiency of a stage in a stage with impellers. p. 41.

Prakhin, V. V., Pavlovskii, A. Z. - Effect of the moisture on the characteristics of a valve. p. 44.

Golubev, V. A. - Electrical system of the protection of turbomachinery. p. 48.

Belitski, I. U. P., and others. - Method for increasing the operational reliability of the fuel gas turbine. p. 51.

Kaplan, M. P., Chernomirskii, I. J., Panchenko, I. V. - Conditions of optimal interphase pressure in a gas turbine during the start of operation. p. 54.

Zakharov, A. I., and others. - Study of the water content in a multistage machine power system. p. 57.

Sukhodin, V. I., and others. - Heat transfer in the heating of reagent under rapidity of conversion. p. 63.

Babitski, O. M., Kondratievskii, I. N., Petrov, I. I. - Temperature conditions of the start of the fuel turbine. p. 66.

Troianovskii, I. M., Kiselev, I. P., Kuznetsov, I. A. - Study of the effect of M and the characteristics of an impulse turbine. p. 74.

Turashvili, N. V., Khizhinski, V. I., Martynov, I. I. - Hydraulic resistance during the flow of a fluid in a pipe with a nonuniform jump. p. 77.

Vokhovich, M. P., Kiselev, V. P., Timofeev, I. I. - Optical determination of the density of a fluid. p. 80.

Kondratiev, A. P., Shil'lov, V. K. - Experimental study of heat conduction in pipes with heat transfer of the flow by a type vortex mixer. p. 81.

Basilev, V. B. - Construction of a turbine engine with large turbine and generator units. p. 82.

Maslov, I. A. P. - Calculation of the temperature of gases. p. 88.

Sukhodin, E. I. A., Zingov, N. M. - Bypassing of the heating of the medium in the feed of the turbine for Mutual Economic Aid Act in the form of a Sorbital Regulator. p. 91.

Survey of magazine articles on boilers. p. 95.

VESTNIK MASHINOSTROENIA [MACHINERY MANUFACTURE REVIEW]. Organ of Gosudarstvennyi komitet po mashinostroeniui pri Gosplane SSSR [State Committee for the Coordination of Research in the U.S.S.R.] and others. Moscow, vol. 48, no. 2, Feb. 1968.

Table of contents translated:
Maslov, I. A. - Problems of design and use of high-pressure pumps. p. 3.

Turashvili, I. I. - Correlation equations of wear. p. 8.

Voznik, L. I., Titov, V. G. - Parametric stabilization of the characteristics of a pump in a lathe tool. p. 11.

Roshkov, D. N., Gamlich, I. K. - Effect of excess of short-term overloads on contact endurance of improved steels. p. 14.

Gusak, I. A. M., Lappa, M. I., Shokhet, A. I. - Method for calculating critical speeds of high-speed rotors revolving in sliding bearings. p. 16.

Valsar, I. M. - Determining frequencies of natural vibrations of rods by the method of parameter averaging. p. 19.

Shobukhin, S. I. - Vibrations of the rotor - body system. p. 22.

Zhuravlov, G. A. - Determining the efficiency of engagement of hypoid gears. p. 24.

Tarkhanov, K. S., Polosov, I. P. - Designing and manufacturing gearing with variable gear ratio. p. 27.

Pavlovskii, S. M., Monakhov, A. V., Dmitrenko, I. I.

...elements of an orthogonal tapered
transmission. p. 31
...Jamming of rollers in free-wheeling
transmission. p. 32
...Efficiency of cages in ball bearings
operating at high speeds. p. 34
...Bellows seals of transmissions
operating at high pressures. p. 36
...New method of
applying stresses in a moving chain of an over-
haulage. p. 38
...Use of analog computers for de-
tecting defects in cranes. p. 40
...Improving the mois-
ture resistance of machine parts made from pres-
sured wood. p. 42
...Machine head for elec-
tric machines. p. 44
...Double fixing mechan-
ism. p. 46
...Electric pulse machin-
ing of resistant alloys. p. 48
...Methods of hardening fillets by
cold working. p. 50
...Use of plastic
brake for finishing machine parts. p. 54
...Optimum conditions for increasing
the strength of machine parts by turning and
grinding. p. 56
...Allowances for lapping gear wheels.
p. 58
...Hard alloys for machin-
ing of resistant materials. p. 61
...Selecting parameters of hydraulic
presses for short power strokes. p. 62
...Cavitation resistance of
pumps. p. 66
...Conditions for counterboring and ream-
ing. p. 67
...Effect of cutting
surface layer conditions in titanium
turning. p. 70
...Optimum grinding
conditions of milling machines. p. 71
...Reduction of shape errors in
machining of a machine part during bracket.
p. 72
...Determining the
life of machine allowing for their reliability.
p. 74
...Organizing a rate set-
ting process with the use of computers. p. 77
...Determining estimated labor input
for designing shops with univer-
sal machines. p. 80
...Determining time periods needed
for technological documentation for
work in machine construction. p. 82
...Protection of drawings by a jacquard
typeless setup. p. 84
...Machine tool construction at the Exhibi-
tion of the National Economy of
the USSR. p. 84
...Machinery construction.
p. 87
...THE WHEEL. Issued by Vsesoyuznoe
obshchestvo sodel'stviya armii, aviatseti
on Volunteer Society for Assistance
to the Army and Navy. Moscow,
1968.
...ZHELYNYI TRANSPORT (RAILROAD
TRANSPORT). Organ of Ministerstva putei
SSSR [Ministry of Railroad Transpor-
tation of the USSR]. Moscow, vol. 50, no. 2,
1968.
...Contents translated:
...Guarding the Great October
Revolution. p. 3
...Vatnashin, V. A., Marlynov, I. M. -
Planning and the system of transmitting
information. p. 8
...Technology of station operations
on the Great October. p. 13
...High productivity for rolling stock
on the Great October. p. 16
...Devol-
opment of communication. p. 18
...Scientific organization of labor on
the Great October. p. 19
...Directors of loading and unloading opera-

Vorob'ev, N. A., Skripnikov, V. E. - Efficient sched-
ules for passenger train traffic. p. 28.
Karpov, B. M. - Static and linear load of freight cars.
p. 31.
Orlov, A. P., Volkov, V. P. - Selection of hump yard
profile determining cars. p. 33.
Vorob'eva, K. D. - Method of speeding up delivery of
freight cars. p. 38.
Bezisenyi, V. I. - Repair and maintenance of cars
should be of high quality. p. 39.
Shapovalov, A. A. - One person operation of electric
locomotives and electric trains. p. 44.
Tikhonov, B. N., and others. - Effectiveness of elec-
tric braking in AC electric locomotives. p. 47.
Danilov, I. M. - Processing of freight trains accord-
ing to network schedule graphs. p. 52.
Sulin, A. R., Fuks, N. I. - Improving safety measures
in tunnel operations. p. 55.
Mashnev, M. M., Khrustalev, R. S. - Concerning the
classification of defects in wheel pairs. p. 58.
Prestobrazhskii, V. V. - Economic use of lumber in
car depots. p. 60.
Selenski, I. A., Potemchinskii, A. M. - Measures
against cargo freezing to car bodies. p. 62.
Polishkov, N. I. - Once more about the axlebox unit.
p. 64.
Kutshinskii, A. S., Gubenko, V. A. - Efficient freight
transportation on the railroads of the Ural regions.
p. 65.
Sidorovich, K. I. - Railroads should be supplied with
the most exact indices. p. 70.
Iushchenko, N. I., Papazhkov, I. F. - Optimal planning
of building materials transportation. p. 72.
Progressive norms for traffic schedule graphs. p. 75.
Modernization and repair of freight hoisting equipment.
p. 77.
Improvement of composition brake shoes. p. 78.
One thousandth industrial electric locomotive for the
Soviet Union. p. 80.
Planning and computing operational work in "locomot-
ive-hours". p. 81.
Sorokin, G. K. - Development of hauling in container
cars. p. 82.
Leont'ev, I. A. - Super high-speed gas turbine trains.
p. 90.
Shomakov, V. A. - Special features in planning high-
speed railroad lines. p. 93.
On the railroads of the world. p. 94.

h. MINING & METALLURGY

AKADEMIYA NAUK KAZAKHSSKOI SSR, Alma-Ata.
Institut metallurgii i obogacheniya. Trudy [ACADE-
MY OF SCIENCES OF THE KAZAKH S.S.R. Institute
of Metallurgy and Ore Dressing. Transactions].
Alma-Ata, vol. 33, 1968. Electromagnetic cyclone
method of treating copper and complex metal ores.
Table of contents translated:
Onyev, I. A. - Some results of studying the cyclone
process in the treatment of copper and complex
metal ore materials in continuous metallurgy.
p. 3.
Tonkonogii, A. V. and others. - Basic structural and
design characteristics of cyclone smelting
furnaces. p. 12.
Tonkonogii, A. V. and others. - Characteristics of the
work of cyclone chambers with top gas escape.
p. 20.
Budin, V. D. - Effect of certain factors on the carry-
ing away of materials with gases from cyclone
smelting. p. 38.
Kazakhstanskiy, S. M., Penzimonzh, I. I., Tumarbekov,
Z. T. - Behavior of volatile metals in conditions
of cyclone smelting of sulfide complex metal
ores. p. 45.
Shukshenbaeva, Z. T. and others. - Effect of partial
pressure of sulfur dioxide on copper passage in-
to the slag in the system copper-slag-sulfur
dioxide. p. 55.
Penzimonzh, I. I., Grishankina, N. S. - Studying the
rate of oxidation of molybdenum sulfide.
Report No. 2. p. 62.
Shukrovskii, V. G., Penzimonzh, I. I., Tseli, A. L. -
Studying the rate and degree of oxidation (com-
bustion) of iron sulfide during flame burning.
p. 75.
Penzimonzh, I. I., Tumarbekov, Z. T., Kozhakhmetov,
S. M. - Thermal decomposition of titanium di-
sulfide. p. 82.
Babenko, N. L., Mitkova, P. A. - Determining the
form of iron in slags from nonferrous metallurgy.
p. 87.

AZERBAIDZHANSKOE NEFTIANOE KHOZRAISTVO
[AZERBAIJAN PETROLEUM INDUSTRY]. Organ of
Sovetskogo narodnogo khozaystva Azerbaidzhanskoi SSR
i Gosplanovskiy komitet Sovetskoi Ministerstva Azor-
baidzhanskoi SSR po koordinatsii nauchno-issledova-
tel'skikh rabot [Economic Council of the Azerbaijan
S.S.R. and the State Committee of the Council of
Ministers of the Azerbaijan S.S.R. for the Coordina-
tion of Research]. Baku, vol. 47, no. 8 (604), June 1968.
Table of contents translated:
Petroleum production from old oil fields. Inset: p. 1.
Tagiev, F. A., Adzhajova, S. S., Gul'dust, M. A. -
Lithofacies changes and reservoir properties of
rocks in horizon I of the productive strata in the

Kyursangya field. p. 1.
Ozintarov, A. A., and others. - Hydrochemical charac-
teristics of formation waters of the fields Sang-
chaly-More, Duvanyy Island and Khara-Zire
Island (Balla Island). p. 3.
Mirzoev, A. A. - Physicochemical characteristics
and prospects for oil and gas occurrences of the
Sob-Kirmakt series in the Peschanyy-More field.
p. 5.
Tatirov, Ch. A. - Results of stratigraphic studies of the
Lower Cretaceous in northeastern Azerbaijan.
p. 8.
Tagiev, Z. B., Kuznetsov, P. P. - Geomorphology of the
region of the mud volcano on the Makarov Strait.
p. 9.
Paradzhiev, A. S., Mametov, R. A., Maradly, A. I. -
Directions of a telluric field as observed in the
Shamakha geophysical station. p. 11.
Akseirod, S. M., Gauer, G. E., Belenkit, V. G. -
Primary processing of the curves of electric logging
by means of electronic digital computers. p. 12.
Shanistev, A. A., Babayev, N. Kh., Dzhabrailov, I. A. -
Spent gunbrin as an agent for the prevention of
circulation losses in oil well drilling. p. 14.
Pigrov, V. M., Alieva, Sh. M., Baitramova, N. O. -
Effectiveness of blasting methods in eliminating
sinking of tools. p. 15.
Kasum-zade, D. S., and others. - Effect of polymeric
additives on the characteristics of turbodrill tur-
bines. p. 17.
Baitramova, N. O., and others. - Studying colloidal-
chemical properties of some clays in the Kara
Lowland. p. 18.
Veztrov, S. A., Melik-Ahmedov, I. S. - Laboratory
studies of the treatment of the "bottom zone" of
wells by petroleum solvents. p. 21.
Mamedov, B. M., and others. - Studying carbonylmethyl-
cellulose as an intensifier of fluid withdrawal from
thickened oil wells. p. 23.
Mamedov, E. M., Repln, N. N., Babalian, G. A. - Effect
of the structure of gas-liquid mixtures on per-
formance dynamograms of deep well pumps. p. 26.
Gurhanov, R. S. - Flow of non-Newtonian petroleum
products in pipes. p. 28.
Abasov, N. A., and others. - Thermocatalytic con-
version of gaseous fractions of Peschanyy Island
petroleum. p. 31.
Mekhliev, S. I., and others. - Determining acrylonitrile
and methacrylonitrile by the method of derivative
polarography. p. 33.
Akhmedov, M. A., and others. - Supplementary stock
for the synthesis of nonionic surface-active agents.
p. 34.
Orudzheva, I. M., Isanlova, S. A. - Studying some
amides of phenyl- and alkylphenylphosphoric acids
as lubricant additives. p. 36.
Solomonova, F. G., and others. - Use of the chemi-
luminescence method for the study of the action of
organic acids on the oxidizability of mineral oils.
p. 37.
Gashimov, F. I., and others. - Studying the inhibiting
action of some bromine sulfides. p. 39.
Aliyev, K. A., Baitramova, I. N. - Plastic coatings for the
protection of underground communications. p. 41.
Ramzanov, R. A., Iaroslavskii, F. L. - Calculating
the plane shifter of a valve gear for air-tightness,
taking into account the effect of self-sealing. p. 43.
Kaufman, V. P., Khinol'lan, A. K. - Some economical
problems of the production of light-colored petro-
leum products and oils in Azerbaijan. p. 45.
Salov, S. G., and others. - International conference
of petroleum scientists. p. 48.
Aliev, A. G. - Placing cement plugs in wells with high
reservoir pressure. Inset: p. 4.

DNEPROPETROVSK. DNEPROPETROVSKII GORNYI
INSTITUT. Izvestiya [DNEPROPETROVSK MINING
INSTITUTE. Bulletin]. Vol. 62, 1967. Transactions
of the Scientific and Technical Conference on Problems
of Ore Dressing and Coal Preparation.
Table of contents translated:
Kuznetsov, V. I. - New data on deep mineral dressing.
p. 3.
Levin, S. T., Komad, V. I. - Certain problems in
the technology of coal preparation at the mineral
dressing factories of by-product coke plants.
p. 30.
Kuznetsov, V. I., Denisenko, A. I., Salovskiy, E. A. -
Energy consumption during ore ball mill grinding.
p. 35.
Denisenko, A. I. - Selecting the efficient size of
grains for autogenous grinding of ores. p. 43.
Etkin, A. A. - Calculating paths and time of
accelerating solid particles in gas-jet equip-
ment. p. 50.
Sergo, E. E. - Crushing and slipage velocity of
iron ore particles in counter-current jet-type
milling. p. 50.
Gorobets, I. Zh., Gorobets, V. I. - Gas-jet milling
of ores. p. 59.
Gorobets, L. Zh., Gorobets, V. I. - Theory of the
process of gas-jet milling and roasting of ores.
p. 77.
Sergo, E. E. - Main technological factors affecting
ore washing processes. p. 86.
Levin, S. T., and others. - Theory and practice of
flitting processes. p. 83.
Makletskii, N. A., Dolgikh, A. I., Sergo, E. E. -

- assistance of mining and ore dressing equipment by using cast wear-resistant alloys, p. 62.
- Vasil'ev, V.V., Levenchenko, V.I., Gorlyshkin, V.T. - Blades of mine axial fans from fiber-glass reinforced plastics, p. 64.
- Kozlov, N.T., Dugaerko, S.N., Krivonozhenko, I.I. P. - New high-capacity cars for ore drawing mines, p. 65.
- Andreev, E.A., Iushchenko, V.I. - Experience in adapting coupling and signaling apparatus for multi-rope hoists, p. 66.
- Popov, O.N., Efremovskiy, N.S. - Automatic recording of the parameters of roller bit drilling, p. 68.
- Grebennikov, D.A., and others. - Experience in the automation of charging balls into ball mills, p. 69.
- Klassen, V.I., Salskiy, A.R., Gavrusev, A.V. - Dredging during the boring by washing with magnetically treated water, p. 71.
- Leningrad. Gornyi Institut. Zapiski [INSTITUTE OF MINING. Records]. Vol. 64, no. 2, 1968.**
- Crystallography and mineralogy.**
- Table of contents translated:
- Baron Hartinovich Slafimovskiy, 104 60th birthday, p. 3.
- Sokolova, N.G., Slafimovskiy, I.I., Shkilevskiy, V.A. - Graphic method of modeling and the elementary derivation of crystallographic relations of simple forms, p. 16.
- Vetsekhovskiy, V.N., Shkilevskiy, V.A. - Morphology of the bodies of growth and solution of crystals, p. 25.
- Meklevskiy, V.A., Annashev, I.I. - Symmetry regularities during the plastic deformation of crystals, p. 30.
- Metel'son, G.K., Murin, I.U. B. - Criteria of the morphological changeability of rhombs, p. 36.
- Likhin, V.I., Likhtalov, A.N. - Nature of the smoky color of quartz, p. 68.
- Dolgov, P.I., Dolgovskiy, G.I. - Morphology of inductive faces on crystals, p. 70.
- Lubalin, M.D. - Photomicroscopy of germanium crystals grown by the Czochralski method, p. 83.
- Kuravskiy, T.A. - Santolov's rule for quartz crystals, p. 87.
- Linkov, M.V. - Impurity elements in thortite crystals from granitic pegmatites of Kazakhstan, p. 89.
- Volkoborov, T.A. - Studying pyrite striation by means of an MIS-II profilograph, p. 88.
- Shustov, A.V. - Content of various forms of a coelite phase, p. 105.
- Vol. 53, no. 1, 1968. Mine ventilation.**
- Table of contents translated:
- Musclil, P.I. - Structure of air currents in vertical shafts, p. 3.
- Komarov, V.I., Khizhev, Sh. Kh., Pomichov, V.I. - Determining the optimum location of zero depression zone in the blow-off and exhaust ventilation of mines, p. 10.
- Kislitsin, Sh. Kh., Hamedov, A.H., Ryskin, O.N. - Ventilation of slope blocks at the "Zapoltarny" Mine, p. 16.
- Montepanov, I.U. B., Iakovlev, I.I. A. - Reversed ventilation method used after blowing in killed workings with large cross sections, p. 20.
- Pitpanov, N.L. - Calculating the ventilation of chambers at the "Kanta-Kotminkova" Mine, p. 26.
- Emardullin, S.S. - Calculating the ventilation of blind workings by compressed air, p. 30.
- Rusak, O.N. - Establishing the average air leakage in ventilation canals in mines beyond the Arctic Circle, p. 34.
- Gresh, Aral Dostlar. - Conditions of coal mine ventilation in the Altai Kuznetskii, p. 37.
- Shimshur, K. - Determining the concentration of noxious substances caused by truck transportation in underground workings, p. 42.
- Dobitskiy, I.U. B., Bileniy, I.U. A. - Theoretical and experimental principles of forecasting heat conditions in mines of the North, p. 47.
- Khokhlov, N.A. - Influence of climatic conditions on the dustiness of air in mines in permafrost areas, p. 59.
- Veprov, V.S., Korotkov, V.I. - Correlation between the dustiness of atmosphere and air temperature and altitude mark of a given mine, p. 60.
- Veprov, V.S., Khokhlov, N.A. - Reducing atmosphere dustiness in mines of permafrost areas by controlling heat conditions, p. 63.
- Iysenkov, P.A. - Explosive properties of sulfide dust arising in exploring workings, p. 68.
- Iysenkov, P.A. - Prognosis of coal dust explosive properties, p. 72.
- Khokhlov, N.A. - Dynamics of dust suppression during blasting operations in mines of permafrost areas, p. 75.
- Veprov, V.S. - Reducing the dustiness of atmosphere in mines of the Far North by reversal of ventilation current, p. 78.
- Korotkov, V.I. - Dust formation during coal transportation by belt conveyors, p. 81.
- Gul, I.U. V. - Research on methods to increase the efficiency of multi-cyclones, p. 85.
- Proskuryakov, N.M. - Distribution of gas pressure around a borehole in coal seams, p. 89.
- Proskuryakov, N.M. - Radius of influence in advance boreholes according to gas-dynamics factor, p. 90.
- Grigoriev, I.U. V. - Influence of mine fire thermal depression on the parameters of ventilation, p. 100.
- Grigoriev, I.U. V. - Influence of mining technology factors on the outbreak of spontaneous fires in coal workings of the Paimarskoye' Combine, p. 103.
- Gul, I.U. V. - Source of dust liberation in boreholes blown out by compressed air, p. 108.
- Fomichov, V.I. - Influence of coal distribution on conditions of methane emanation, p. 110.
- Montepanov, I.U. B. - Effect of turbulent diffusion on ventilation processes in mine workings with large cross sections, p. 112.
- LENINGRAD. VSESOYUZNYI NAUCHNO-ISLEDOVATELSKIY INSTITUT TORFANOI PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE PEAT INDUSTRY. Transactions]. No. 27, 1967.**
- Table of contents translated:
- Ostapenko, E.N., Faizov, V.G. - Method of calculating optimum efficiency of loading equipment, p. 3.
- Borshakov, H.N. - Regularities of changes in the speed of rotation of the job on the working part of PND post loading equipment, p. 13.
- Sevelev, N.V. - Influence of the angle of bite on the resistivity of soil to the digging with EPS plowshares, p. 16.
- Akhmetov, V.G. - Calculating a cylindrical transmission gear on the "Seton" electronic digital computer, p. 24.
- Nikitin, B.V., Vasil'ev, V.I. - Approximate computational method for stability analysis of augers, p. 33.
- Blizki, G.A. - Reliability of peat machinery, p. 37.
- Gal, G.L. - Methods of determining optimum distances between peat stockpiles, p. 47.
- Abakumov, G.N. - Sliding friction between till peat and soil, p. 57.
- Apt, L.S. - Effect of the hot digestion of peat mass on the water-absorbing capacity of peat isolating plates, p. 63.
- Dobitskiy, G.S., Iepetashin, V.A., Hoshimshin, V.A. - Chromatographic method of investigating reducing substances of peat hydrolyzates, p. 71.
- Mogilevskiy, I.I., Iakubovskiy, G.O., Dalkina, S.E. - Determining moisture conductivity of peat under stabilized conditions, p. 83.
- Mogilevskiy, I.I., Moroz, Z.A. - Moisture potential as negative pressure of water, and its action in drying peat bogs, p. 97.
- Mogilevskiy, I.I. - The VPZ-4 moisture potentiometer with probe, p. 105.
- METALLOVEDENIE I TERMIKSKAYA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosmetallurgii Komitet po mashinostroyeni pri Gosplane SSSR and Tsentrallye gravitnye Nauchno-tekhnicheskoye obshchestvo mashinostroyeni pri Gosmetallurgii [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 4, Apr. 1968.**
- Table of contents translated:
- Bornshel'd, M.L., and others. - Studying heating processes for cold-formed steel by measuring the amplitude-dependent internal friction, p. 2.
- Pogrebnov, E.N., and others. - Kinetics of the isothermal dissociation of austenite in cast nickel steel, p. 7.
- Hogdanov, V.V., and others. - Low-temperature crystallization of structural steels in liquid media, p. 10.
- Ilyushchenko, N.G., Rolova, G.I. - Low-temperature coloring of steels in fused salts, p. 14.
- Tol'skiy, I.U. N. - Inefficient use of ammonia during nitriding, p. 18.
- Ilelov, A.K. - Coefficient of the linear expansion of structural materials at low temperatures, p. 20.
- It'shov, V.I.A., and others. - Mechanical properties of austenitic steel welds at 20-(-280)°C, p. 23.
- Gudkov, S.I., Lebedev, D.V., Ovsienko, D.M. - Influence of stress concentration on chemical properties of titanium and its alloys at low temperatures, p. 25.
- Abramov, I.U.S., and others. - Variation of the surface energy of a plane (110) at its deviation from the ideal position in a single crystal of the Fe-Si(3%) alloy, p. 29.
- Donohov, N.M., Popova, Z.I. - Kinetics of magnetic aging in low carbon transformer steels, p. 30.
- Lobyshev, E.S., Slotnitskiy, I.M., Graislenskiy, I.U. A. - Study of magnetic alloys using the electric resistance method, p. 37.
- Brukhanov, A.A., Baranovskaya, Z.A., Drukanov, A.E. - Texture of the recrystallization of sheet kovar, p. 39.
- Borisov, V.A., Rakshad, A.G., Shpilberg, A.L. - Heat-resistant alloys for elastic current conducting elements with a low temperature coefficient of specific resistance, p. 41.
- Solov'ova, N.A., and others. - Influence of ruthenium, rhodium and palladium on the thermal expansion of iron-nickel and iron-nickel-cobalt alloys, p. 45.
- Sukhyarov, V.F., and others. - Studying isolation processes in the N36KhTU alloy, p. 47.
- Pravoverov, N.L., Lobysheva, I.M. - Coefficients of sensitivity to tensile stress for alloys in the Cu-Ni and Cu-Au systems, p. 50.
- Kalish, G.P., Kizilova, O.P. - Anomalies in the properties of titanium alloys with beta stabilizing elements, p. 62.
- Chubaidze, G.M., Taradze, F.N. - Structure and mechanical properties of silicon-free chromium-manganese iron, p. 65.
- MOSCOW. INSTITUT NEFTEKHIMICHESKOI I GAZOVOI PROMYSHLENNOSTI. Trudy [INSTITUTE OF THE PETROCHEMICAL AND GAS INDUSTRY. Transactions]. No. 67, 1967. Problems of field geophysics.**
- Table of contents translated:
- Vendel'shteyn, B.I.U., Pospelov, V.V., Petersill'e, V.I. - Role of the particle size of material in the formation of properties of terrigenous rocks, p. 5.
- Kudryavtsev, V.S., Skibitskiy, M.A. - Regularities in the distribution of clay material in carbonate rocks of the Turonian of the Oktyabr'skoye area in the Crimea, p. 26.
- Bochko, R.A. - Clay minerals in the Cretaceous sediments of the Uzun' field, p. 33.
- Dushanlova, K., Kniazov, V.S., Florenskiy, P.V. - Density characteristics of Permian and Triassic rocks of the western Kuralau in the Mangyshlak Peninsula, p. 39.
- Kniazov, V.S., Shnip, O.A., Damiyova, S.F. - Densities of Pre-Mesozoic rocks in the central part of Soviet Central Asia, p. 44.
- Mokhammad, Khassan Ali Nasser. - Measuring the resistivity of solutions by inductive methods, p. 50.
- Morozovskiy, I.A.R. - Determining the resistivity of rock samples by the two-electrode method, p. 54.
- Morozovskiy, I.A.R. - Methodology for studying the relation of physical properties of rocks to all-round pressure and stressed state, p. 62.
- Dakhnov, V.N. - Dependence of diffusion and adsorption activities of sandy-argillaceous rocks on their clayiness and porosity, p. 67.
- Gallinov, E.M. - Role of soil carbon dioxide in the leaching of the surfaces of carbonate rocks, p. 72.
- Gorbunova, V.I., Troshko, T.N. - Some results of studying reservoirs in the central regions of the Russian Platform by the methods of field geophysics, p. 75.
- Dakhnov, V.N., Boldachenko, V.N., Gorbunova, V.I. - Indications of oil and gas occurrences in the Lyubim area of the Moscow syncline, p. 79.
- Tolstoytyn, P. - Development of field geophysics in Western Siberia, p. 83.
- Bondzko, Karlikhalat. - Dolingation in a carbonate section of fractured reservoirs, p. 86.
- Vendel'shteyn, B.I.U., Manchova, N.V. - Evaluating the characteristics of sandy-argillaceous reservoirs in the Maykop of the Dzhanikoy field, p. 93.
- Avdonina, L.I., Dakhnov, A.V. - Geological and geophysical characteristics of fractured and cavernous oil and gas reservoirs in the Meteoraya area, p. 98.
- Larionov, V.V. - Effect of well conditions on the results of studying the natural radioactivity of sedimentary rocks, p. 104.
- Ivanov, T.V. - Some characteristics of cavernous and fractured reservoirs, p. 116.
- Ivanov, T.V. - Evaluating the porosity factor of cavernous and fractured carbonate rocks, p. 121.
- Kurganek, V.N. - Correlation method for the mathematical evaluation of relations between geophysical characteristics and physical properties of rocks, p. 126.
- Neiman, E.A., Malykhin, A.I., Izobkov, B.I. - Calculating the effect of contact and regulation resistances on the results of measurements by a three-electrode shielded sonde, p. 135.
- Oakhnov, V.N. - Electric field and the character of the curves of apparent resistance of anisotropic substances with a plane interface, p. 141.
- Dakhnov, V.N. - Calculating the potentials of spontaneous polarization when the measuring electrode is sliding on the well wall, p. 148.
- Kolosov, A.I. - Solution of the problems of the theory of well electrometry using digital computers, p. 152.

- Dubinskii, V. N. - Thermal regime of the carbonate formation of the main mountain range of the Crimea. p. 164.
- Netman, E. A. - Effect of the load on the results of measuring the σ_k using potentiometric sensors. p. 172.
- Netman, E. A. - Increasing the accuracy of caliper logs. p. 176.
- Derbinskii, B. A. - Electromechanical commutator for the control of the valve system of a mass spectrometer in the precision method of isotope analysis. p. 184.
- Davydov, V. M., Nazarov, R. Z. - Approximate solution of a direct problem of electric prospecting when the field source is positioned in the well. p. 188.
- MOSCOW. TSENTRAL'NYI NAUCHNO-ISLEDovATEL'SKII INSTITUT CHERNOI METALLURGI. Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY. Papers]. No. 56, 1967. Theory of metallurgical processes.**
- Table of contents translated:
- Horlov, V. T., Parshin, S. I., Travin, O. V. - Studying the kinetics of metal desulfurization and dephosphorization by slags of the system $\text{CaO} - \text{FeO} - \text{Fe}_2\text{O}_3$. p. 3.
- Klaskhin, V. M., Kurin, L. L., Karpov, I. A. - Exponential law of the reduction of the concentration of dissolved material during its extraction from a melt. p. 14.
- Mokrova, V. P., Perevalov, N. N., Travin, O. V. - Kinetics of carbon oxidation from molten iron by carbon dioxide mixtures. p. 18.
- Strel'tsov, F. N., Perevalov, N. N. - Kinetics of iron oxide reduction with interaction between oxidized slags and liquid synthetic cast iron. p. 26.
- Parshin, S. I., Travin, O. V. - Effect of the degree of oxidation of a metallic melt on the kinetics of desulfurization by solid slags. p. 33.
- Mokrova, V. P., Perevalov, N. N., Travin, O. V. - Possibility of evaluating the degree of utilization of gaseous oxidizers during their interaction with the carbon dissolved in the metal. p. 39.
- Baldov, V. V., Gal'tsov, L. I., Kurin, L. L. - Speed of ultrasonic waves and compressibility in molten slags of the system $\text{CaO} - \text{SiO}_2$. p. 42.
- Georgiev, A. I., and others. - Interface phenomena at the boundary between low-phosphorous manganese slag and an accompanying metal. p. 47.
- Dobkova, O. S., Pebukhov, V. S. - Simultaneous determination of the surface tension of slag and the interface tension at the boundary metal - slag. p. 51.
- Gymov, V. V., Erlikhina, I. A. - Equipment for measurement of the rate of dissolution in metallurgical melts. p. 53.
- Rudchenko, L. I., and others. - Improving the method of determining the relative activity of oxygen in fused slags by the electromotive force method. p. 57.
- Shalimov, A. G. - Process of decarburizing stainless steel in an induction vacuum furnace. p. 59.
- Antipov, V. M., Okorokov, G. N. - Vaporization of lead and bismuth in a vacuum induction furnace. p. 67.
- Shalimov, A. G., Okorokov, G. N., Bolashinov, V. A. - Kinetics of nitrogen removal from stainless steel in a vacuum induction furnace with blowing of the metal by an inert gas. p. 72.
- Tunakov, V. M., and others. - Certain regularities of crystallization and the structure of an ingot produced by electron beam smelting. p. 80.
- Rostakovskii, S. E. - Similarity of bubbling processes. p. 88.
- Sobakin, M. P. - Generalizing investigation data of gas bubbling through a liquid on the basis of the similarity theory. p. 101.
- Ivantsov, I. P., Pollak, B. T. - New solutions of the problem on the crystallization of a flat ingot. p. 108.
- Kudriavtseva, Z. M. - Calculating a system of feeding powder-form reagents into a metal bath. p. 120.
- NEFTEGAZOVAYA GEOLOGIYA I GEOFIZIKA [PETROLEUM AND GAS GEOLOGY AND GEOPHYSICS].** Issued by Gosudarstvennyi komitet neftedobyvatel'skoi promyshlennosti pri Gosplane SSSR and Tsentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neftanol, neftokhimicheskoi i gazovoi promyshlennosti [State Committee for Petroleum Production, Attached to the State Planning Committee of the U. S. S. R., and the Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 4, 1968.
- Table of contents translated:
- Borodin, V. P., and others. - New data on the tectonics of the northern part of Krasnoyarsk Territory on the left bank of the Yenisey River. p. 3.
- Ragauldinov, A. K., Demushkin, I. I., Musin, M. Kh. - Some characteristics of the structure and oil and gas potentials of the productive horizon A_1 in the Nizhne-Vartovskoye arch. p. 6.
- Sakobgareev, R. S., Evko, N. D. - Mineralogical characteristics of the clay component of productive
- sediments in the Ust'-Balyk oil field in connection with the study of their reservoir properties by gamma logging. p. 11.
- Rodnikova, R. D., Gurevich, G. S. - Geological structure of the coastal zone of the Nevel' region in southern Sakhalin. p. 14.
- Diderko, M. A. - Tectonic structure and evaluation of oil and gas prospects of the Yasnaya Sol'naya region in the cis-Carpathian foredeep. p. 18.
- Chaprin, N. E., Bratkovskii, G. S., Zayntsev, V. M. - Prospects for finding oil and gas pools in the Dovnanian sediments of the Dnieper-Donets Lowland. p. 22.
- Kratoshkin, V. A., Kazakov, S. B. - Trace elements in the Lower Permian petroloums from the Dnieper-Donets Lowland. p. 25.
- Amal'shin, A. I., Vastlechko, V. P. - Development of the step, partially underthrust, northeastern limb of the Vyzoda pool in the Dolina oil field. p. 29.
- Belousova, M. G. - Separating layers with nonrigid cement on the basis of field-geophysics data. p. 32.
- Plonov, A. I., Brodskii, P. A. - Studying the distribution of fluids in the well zone of a formation with the aid of wire line formation testers. p. 35.
- Izvarin, I. U. I. - Use of electronic computers in plotting seismic sections on the basis of data of the controlled directional sensitivity method. p. 37.
- Myshkin, I. P., Rizon, B. P. - New data on the hydrogeology of the Kosov Trough in the outer zone of the Carpathian piedmont fault in connection with its prospects for gas occurrences. p. 42.
- Grigor'ev, S. N. - Methodology of qualitative interpretation of granulometric data for the evaluation of volumetric properties of a reservoir. p. 46.
- NEFTEPROMYSLVOE DELO [PETROLEUM PRODUCTION].** Issued by Tsentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovaniy po neftanol, neftokhimicheskoi i gazovoi promyshlennosti [Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 6, 1968.
- Table of contents translated:
- Zhdanov, A. M. - Fiftieth anniversary of the decree of the Soviet government on the rationalization of the petroleum industry. p. 3.
- Amalin, V. A., and others. - Studying the distribution of pressure along the depth of a well during the circulation of water-oil mixtures and foams. p. 7.
- Musin, M. Kh., and others. - Effect of some factors on the effectiveness of perforation by sand jetting. p. 10.
- Mikulin, B. P. - Restoration of inactive wells by shale tracking. p. 13.
- Egorov, P. I. - Increasing well yields in the Nizhnyaya Omra oil and gas field. p. 16.
- Koltkov, A. D., Konstantin, N. V. - Experience in treating wells with hydrochloric acid in fields of the Oil Field Administration of "Neftekhimneft". p. 20.
- Rasnikov, V. A., and others. - Optimum depth for running pipes with protective coating into the well. p. 24.
- Aliev, Sh. N., Aloskerova, L. M. - Efficient range for the use of AlHCl in a sand bath. p. 27.
- Onatunov, S. T., Karapetov, K. A. - Restoring inactive deep wells by shale tracking. p. 31.
- Veshechev, N. I. - Tank for preliminary settling of formation water. p. 34.
- Mustafa, G. G., Khalilov, R. S., Kirova, G. N. - New demulsifier for dewatering petroleum. p. 37.
- Ivanov, V. S. - Economic indices of the stimulation of petroleum production by means of cyclic steam pumping. p. 40.
- NEFTIANEK [THE PETROLEUM WORKER].** Issued by Ministerstvo neftedobyvatel'skoi promyshlennosti SSSR [Ministry of Petroleum Production of the U. S. S. R.] and others. Moscow, vol. 13, no. 6, June 1968.
- Table of contents translated:
- Pichugina, A. - Urgent problems of the development of the petroleum refining industry. p. 2.
- Katenel'son, M. - Problems of the production of petroleum asphalt. p. 4.
- Atmang for 300 million tons of petroleum. p. 6.
- Razumov, V. - Quotas of the five-year plan ought to be fulfilled ahead of schedule. p. 10.
- Brodskii, V. - Technical and economic council is helping the production. p. 12.
- Kel'berg, Z. - Always searching. p. 14.
- Shtrikher, O. - Workers' dynasty of Votkinsko. p. 15.
- Diazova, G. - From success to success. p. 15.
- Perchik, A. - "Khazar" on the eve of a big voyage. p. 17.
- Moscow Institute of the Petrochemical and Gas Industries. p. 21.
- Senchenko, I. - Preparing qualified workers and engineers for the petroleum refining and petrochemical industries. p. 22.
- Amant'yev, B. - 6572 graduates. p. 24.
- Krysin, N. I. - Using a man-made clay-carbonate mud. p. 26.

- Gusev, T. - Washing cement plugs away by means of a hydraulic nozzle. p. 27.
- Ismailov, I. - Telephone device for communication between the derrick and the derrick man. p. 28.
- Timofeev, A., Zinlevskii, P., Antukh, V. - Using motor and gas-turbine units in a derrick. p. 29.
- Ismailov, I. - Joint with a longitudinal hole and a collecting preventer. p. 30.
- Ponikrova, N. - Settling pit for a more efficient separation of sludge in a trough system. p. 31.
- Kontin, P., Ivanov, B. - Improvement of the construction. p. 31.
- Kirvanov, K. - Cliffs out to sea. p. 32.
- Koshin, K. - Interesting apparatus. p. 33.
- Lagachev, P. - First petroleum refineries in the USSR. p. 37.
- NEFTIANOE KHOZIAISTVO [PETROLEUM PRODUCTION].** Organ of Gosudarstvennyi komitet neftedobyvatel'skoi promyshlennosti pri Gosplane SSSR [State Committee for Petroleum Production, Attached to the State Planning Committee of the U. S. S. R.]. Moscow, vol. 10, no. 8, Aug. 1968.
- Table of contents translated:
- Oshov, P. Y., Korzhik, A. V., Borekova, A. A. - Studying the performance of jet bits in drilling when using lubrication. p. 3.
- Gillzade, M. P., and others. - Trajectory of a jet bit in drilling with a turbo-drill with a load. p. 4.
- Timofeev, N. S., Polunov, V. O. - Burial of the formula of the speed of curvature for calculating profiles of practically vertical wells. p. 7.
- Mustafayev, N. H. - Methodology of the effect of effort of bottom hole mudflow on the flow of rocks. p. 11.
- Vorzhilov, O. I. - New designs of interphase parts of mud pumps. p. 14.
- Avanayeva, A. M., Feldman, I. H. - Stability of weighted muds at high temperatures. p. 16.
- Abulimov, M. A., Shalimov, I. A. - The coefficient of heat conductivity of water and the removal of heat from the well. p. 18.
- Mirzayanzade, A. Kh., and others. - Gas flow and hydrodynamical characteristics of the movement of fluids by non-Newtonian petroleum. p. 23.
- Korovin, K. A., Antukh, M. V. - Increasing the linear law of filtration at low pressures. p. 26.
- Fomenko, I. E. - Flow of the Dovnanian petroleum in the Humashkin field through a perforation. p. 28.
- Krupnov, N. K. - Injecting water with a high rate of material injection into a reservoir. p. 30.
- Ovchinnikov, B. T., Korapetov, K. A. - Laboratory solution of emulsions for an effective use of withdrawal of liquids. p. 37.
- Musafayev, N. H. - New method for determining reservoir pressure in deep pumped wells. p. 39.
- Makunov, R. A., and others. - Factors for the upper part of casing against the effect of pressure during the injection of water into the formation. p. 43.
- Vallkov, N. B., Aigileva, B. Kh. - Characteristics of changes in petroums of the Humashkin field during the process of exploitation. p. 45.
- Panchenko, I. M., Pukhov, V. V., Agalov, V. V. - Characteristics of the use of highly active surfactants in the electric stimulation of oil. p. 48.
- Nigmatullin, R. M., Molochyn, V. H. - Method of device for determining the anti-corrosion effect after descaling. p. 60.
- Borodavkin, P. I., Shalygin, M. K., Fedotkin, V. P., and others. - Experience in the application of the DRS-2 commercial unit for the viscous petroleum products from tank cars. p. 61.
- Gubril', O. G., Davydov, I. U. I., Krysin, N. I. - Use of oxidation-clay-carbonate mud in well drilling. p. 66.
- Symposium on the use of non-Newtonian systems in petroleum production. p. 64.
- Sovetov, G. A. - Use of subsurface pneumatic tools for oil well drilling in the USSR. p. 65.
- OGNEUPORY [REFRACTORIES].** Organ of Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U. S. S. R.]. Moscow, vol. 33, no. 4, Apr. 1968.
- Table of contents translated:
- At the 6th Congress of the Scientific Technical Society for Ferrous Metallurgy. p. 1.
- Dron, V. A., and others. - Refractory products fired Solov'ov Mountain furnace. p. 1.
- Baluk, B. T., Lavrovskaya, G. M., Tsvetkov, D. - Determining the porosity of refractory materials without destruction. p. 8.

- gov, G. T. - Work according to the scientific organization of labor in enterprises of the nonferrous industry. p. 11.
- ov, A. T. - Economic reform and problems of profitability of production. p. 14.
- isov, I. N. - Automatic control of the equipment for the preparation of clay wash. p. 18.
- , E. V., and others. - Limestones and dolomites in Crimean deposits in the production of gneissium oxide brine. p. 19.
- N. V., Arslanova, T. A. - Interaction of refractories with acidic and oxidizing steel. p. 23.
- cheva, M. N., Iartsov, M. A., Klerova, M. I. - High-refractory "mortar" with an addition of open-hearth slag. p. 28.
- K. I., and others. - Using illite brick in the wet zone of air preheater checkers in blast furnaces. p. 31.
- h, A. V., Galemis, I. M. - Deterioration of refractories in the blast furnace stack. p. 35.
- atskii, S. G., and others. - Effect of additions of carbon nitride on certain properties of alumina-refractories. p. 30.
- andova, T. A., Prokhorova, I. A. - Effect of viscosity of resin on the properties of resin-anthracite-magnesite refractories. p. 39.
- rov, F. S., Levin, A. M. - Return water in terms of the wet purification of air from dust. p. 5.
- rov, A. F., Shalaginov, V. N., Takals, G. A. - Drying phase transformations in a mixture of minimum oxide and copper oxide. p. 48.
- , G. N. - Gas permeability of grog membranes electrolytic cells for magnesium production. p. 0.
- n, N. F. - Suspension of a crane conveyor. p. 2.
- n, D. A. - At the Kharovsk Refractories Combine. p. 3.
- ova, M. F. - At the Pantoloymonovka Refractories plant named for Karl Marx. p. 54.
- ina, E. B. - In the Refractory Materials Section of the Scientific and Technical Council in the Ministry of Ferrous Metallurgy of the U.S.S.R. p. 5.
- , I. - Preparing a compact magnesite powder in fly ash of rotary kilns. p. 60.
- Stopanovich Panasenko; obituary. p. 62.
- KA I OKHRANA NIDII (PROSPECTING AND EXPLOITATION OF MINERAL RESOURCES).** Organ izatsionnyy geologicheskii komitet SSSR i profsoyuz rabochikh geologorazvednykh rats. Geological Committee of the U.S.S.R. and Central Committee of the Trade Union of Workers Employed in Geological Prospecting. Moscow, no. 11, Nov. 1966.
- Table of contents translated:
- ikin, A. M. - Subsurface distribution of tungsten mineralization. p. 1.
- tan, S. V., Ianchikovskii, K. M., Amanov, A. - of endogenic halos in prospecting for molybdenum mineralization. p. 6.
- n', V. I. - Methodology of prospecting for molybdenum. p. 12.
- ov, V. M., Shor, S. D., Porola, V. A. - Practical preparation of data for statistical evaluation of mineralization. p. 10.
- ov, B. N., Tarnavskii, A. P., Tsveta, G. V. - Efficiency in using tools for testing metal objects in deep wells. p. 22.
- nikov, I. A., Kopylov, V. E. - Vibration of a rotating drill pipe. p. 27.
- nik, V. I., Skrypin, V. N., Suchilin, A. P. - Using auxiliary operations in deep prospecting drilling. p. 29.
- unko, I. I., Rodionov, P. F. - Using the charge method and radio-frequency radiography in prospecting for copper pyrite deposits in the Urals. p. 32.
- ov, I. N., Marus, A. I. - Efficiency of electric prospecting methods in searching for anthracite deposits in the Kirovka basin. p. 38.
- ov, V. O. - Some hydrodynamic and hydrathermal characteristics of Tashkent mineral water. p. 40.
- oshchev, V. M. - Methodology for conducting studies for the purpose of engineering geology in ore deposits in the Korch Peninsula. p. 44.
- ov, I. A., Zagoskin, V. A., Lokhlina, N. M. - Analysis of operations for the use of geomorphological methods in the Irkutsk Geological Administration. p. 49.
- ov, I. V., Ermakov, V. G., Makogon, A. P. - of calcium chloride solutions in prospecting deep horizons in the Donets Basin. p. 61.
- ov, G. D. - Determining the fluorite content in order samples using the RAP-7 beta-radiometric analyzer. p. 63.
- ov, A. I. - In the Prosidium of the Central Committee of Trade Unions. p. 64.
- shin, P. I. - Visiting prospectors for minerals in Poland. p. 66.
- ation on the problem of bonuses and monetary incentives to senior drilling foremen according to results of work of their brigades. p. 68.
- Meerson, E. G. - Flexible drilling tools without boxes and tool joints. p. 60.
- Antypko, B. E. - Problems of research in hydrogeology in connection with the melioration of lands. p. 61.
- Krivenko, E. S. - Readers conference of the journal "Izvestiya i Otkrytiya Nedr" held in the Urals. p. 63.
- Vol. 34, no. 4, Apr. 1968.
- Table of contents translated:
- Socialist pledge made by workers, engineering and technical workers and employees of enterprises, organizations and offices of the Ministry of Geology of the U.S.S.R. for the early completion of the five-year plan in geologic prospecting. p. 1.
- Velazhev, M. - Great October Socialist Revolution and the new type of economic relations between socialist countries. p. 4.
- Vasilenko, V. P. - New stanniferous ore region in the Maritime Territory. p. 9.
- Sedykh, I. N., and others. - Determining the parameters of a burchoko network in massive ore prospecting of the Tainak deposit. p. 14.
- Malakhov, A. S. - Vertical zoning in the distribution of elements in ores and endogenous halos of ore of the Kazakhstan deposits. p. 18.
- Kogan, R. I. - Interval evaluation of mineral reserves. p. 23.
- Shevelchenko, I. F., Pakhamov, K. N. - Power consumption in high speed diamond drilling of boreholes. p. 23.
- Volkov, S. A., Shalagin, P. I. - Using combined boring in the Berezovka expedition. p. 30.
- Speranskii, M. A. - Improving the planning and increasing the efficiency of logging operations. p. 34.
- Vodrelanov, I. P., Natarov, A. G. - Experience in the use of single channel seismic equipment in large-scale geological investigations. p. 37.
- Pertanovskii, V. V. - Evaluating the accuracy of determining the parameters of seepage. p. 41.
- Bocharov, V. V. - Improve the order of paying for completed geological prospecting operations. p. 44.
- Popov, L. D., Polshchuk, E. T. - Stand for testing diesel electric units used in geological prospecting operations. p. 45.
- Alfons, V. A. - Movable compressor unit for the flushing of boreholes. p. 48.
- Alokeev, V. V., Khiesin, B. E. - Selecting points for the borehole checking of magnetic anomalies in mountain regions. p. 49.
- Tenenbaum, I. A. - Possibility of increasing the economic efficiency of prospecting operations for water. p. 52.
- Results of socialist competition among geological organizations during the 4th quarter of 1967. p. 53.
- Consultation on problems of wages. p. 55.
- Grib, V. E. - Widely introduce into practices of geological prospecting the achievements of progressive mining brigades. p. 66.
- For a strict observation of labor laws in geological organizations. p. 60.
- Pokryshkin, V. I. - Deposits of kaolin in the Republic of Cuba. p. 61.
- REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING].** Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information] Moscow, no. 8, Aug. 1968.
- REFERATIVNYI ZHURNAL: METALLURGIYA [JOURNAL OF ABSTRACTS: METALLURGY].** Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information] Moscow, no. 8, Aug. 1968.
- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vyssheikh uchebnykh zavedeniy; chernalva metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy].** Moscow, vol. 11, no. 8, 1968.
- Table of contents translated:
- Barmin, I. N., and others. - Carbon diffusion in manganese base melts. p. 5.
- Paderin, S. N., Filippov, S. I. - Effect of alloying elements on the kinetics of decarburizing a melt in the area of intradiffusive conditions. p. 10.
- Phase equilibrium relations during the reduction of solid $Fe_2O_3 \cdot xH_2O$ solutions. p. 16.
- Gaik, M. I., and others. - Interaction between manganese oxides and sodium carbonates. p. 22.
- Bykov, M. S., Stepanov, A. I., Permlakov, A. A. - Sulfurous iron ore sinter with a magnesia gangue. p. 26.
- Zhilo, N. L., and others. - Viscosity and mineralogical composition of natural fluoride-containing high-magnesia slags. p. 30.
- Gol'dshtein, N. L. - Phase constitution of sinters. p. 35.
- Vitugina, V. M., Trofimov, V. A., Talkhaev, N. P. - Effect of preliminary vibrotreatment on the nodulization of iron ore concentrates. p. 41.
- Fialkov, B. S., Pilyayn, V. T. - Certain regularities of the combustion process near blast furnace tuyeres. p. 43.
- Kukarkin, A. S., Kitaev, B. I., Popov, G. G. - Distribution of gas velocity in a layer of lump materials. p. 46.
- Urazgildeev, A. Kh., and others. - Behavior of gases in the smelting steel crystallization process. p. 48.
- Isakov, I. N., and others. - Hydraulic modeling of the filling rectangular shape, radial continuous-casting molds. p. 52.
- Gursavich, I. U. G., Skornikov, B. I. A. - Material balance of titanium during the electric smelting of stainless steel. p. 57.
- Povolotski, D. I. A., Kaufman, I. U. V., Sergeev, A. D. - Effect of vacuum arc remelting of steels and alloys on the composition of the metal and the distribution of elements in the ingot. p. 60.
- Vydrin, V. N., Barkov, L. A. - Experimental verification of the formula for determining the rolling moment in square and diamond passes. p. 66.
- Sokolovskii, V. I., Chernomir, A. G. - Velocities in the corner of deformation during the cold rolling of tubes. p. 70.
- Shvaldin, V. V., Popovtsov, I. U. A. - Forces in shape drawing through forming dies. p. 75.
- Chekanov, A. P., Smol'tsinov, A. F., Kozhurov, V. A. - Backward slip contour during longitudinal die rolling. p. 80.
- Baimov, N. I. - Effect of the size and weight of ingots on blooming mill efficiency. p. 86.
- Khomenko, V. I. - Determining the rate of strip lifting on mills with controllable speed. p. 92.
- Polukhin, V. P., Tereshko, A. K. - Estimating the cyclic strength of rolls in cold rolling conditions. p. 95.
- Chelyshov, N. A., and others. - Rolling capacity and the loading of engines on a 425 strip mill. p. 100.
- Ilutskov, V. I., and others. - Power and force parameters of rolling on a shape mill. p. 104.
- Glazkov, I. U. M., Kondrashin, S. E. - Condylox methods of studying deformed state with the use of the X-ray examination method. p. 112.
- Rabinovich, S. M., Vorob'ev, G. M., Chulko, N. M. - Effect of conditions of cold rolling on the texture and magnetic properties of silicon steel. p. 118.
- Grigorkin, V. I., and others. - Structural changes in stainless austenitic steel depending on temperature and degree of deformation. p. 122.
- Nizhol'di, P. E., Filinkov, M. D. - Effect of aluminum on scale resistance and structural state of chromium-manganese steel. p. 126.
- Lipchin, N. N., El'mova, L. A. - Effect of conditions of heating for hardening and quenching on the mechanical properties of steels 40 and 20NM. p. 129.
- Drabin, I. E., and others. - Effect of the conditions of cooling of high strength converter ingots for high-strength reinforcement steel, on reducing defects because of end cracks. p. 132.
- Belykh, I. U. A., Lipchin, N. N. - Effect of the form of ferrite on slow recrystallization in fracture. p. 135.
- Lozinski, I. U. M., Khazanov, I. O. - Rate of recovery of die steels during tempering. p. 138.
- Pan'shin, I. F., Bondarenko, V. P. - Structure formation during steel heating up in the critical range. p. 143.
- Khrapov, A. I. A., Daisenko, V. K. - Effect of silicon on the structure and mechanical properties of ordinary gray and high-strength cast iron. p. 148.
- Rumiantsev, V. D., Somkin, I. D. - Distribution of energy radiated by the base of a cylinder on its lateral surface. Report No. 1. p. 150.
- Lislenko, V. G., Gushchin, S. N., Chernogolov, A. I. - Certain static and dynamic characteristics of the hearth of an open-hearth furnace. p. 155.
- Postolnik, I. U. S. - Function of temperature distribution over cross section of radiantly heated bodies. p. 160.
- Portnau, A. A., Savostin, D. Z., Kurov, V. P. - Improving the organization of the flame in soaking pile with heating from the center of the bottom. p. 165.
- Kochov, V. S., and others. - Continuous determination of the carbon content of an open-hearth furnace bath. p. 169.
- Chukmasov, S. F., and others. - Studying antifriction properties and the wear-resistance of bronzes, cast iron and graphitized steel. p. 174.
- Levin, M. Z., and others. - Investigating bell vibrations in blast furnaces. p. 178.
- Leibovich, N. I., and others. - Investigating fixed and variable expenditures in pipe manufacture. p. 182.
- Vol. 11, no. 7, 1968.
- Table of contents translated:
- El'min, V. P., and others. - Interaction of alumina with carbon at high temperatures. p. 5.
- Filippov, E. S. - Interconnection between the energy characteristics of liquid metal states. p. 11.
- Mozhaiskii, G. M., Ustin, V. S., Grigor'ev, G. A. - Investigating interface tension at the boundary between a metal and a fused salt. p. 15.
- Ustin, I. U. S., Georgobiani, T. A. - Desulfuration

- during the pelletizing of iron ores. p. 20.
- Starov, S. I., and others. - Slag viscosity during pig iron smelting from Kurak Magnetic Anomaly area concentrates. p. 24.
- Stetskov, N. P., Avolskii, V. I., Vit'ski, I. U. S. - Assessing the iron ore in the charge during the open-hearth furnace, scrap and ore smelting processes. p. 23.
- Kuchin, V. S., Prudkin, L. L., Driapik, E. P. - Oxygen absorption by the bath in the finishing period of open-hearth furnace smelting. p. 34.
- Isakova, G. M., and others. - Studying the dynamics of decarburization of the open-hearth furnace bath. p. 33.
- Kashkul, V. V., and others. - Thermodynamic activity of carbon in industrial silicothermic ferrochromium. p. 42.
- Lazov, E. G., Enmakhin, A. A., Filippov, A. F. - Nitrogen solubility in liquid alloys of the type $Kb_{20}Fe_{80}$ with additions of titanium, aluminum, and cerium. p. 46.
- Fridman, A. G., and others. - Interaction of nitrogen with liquid alloys of the type $El617$, $EP220$, $EP159$. p. 49.
- Izotov, V. M., Krupin, A. V., Pavlov, I. M. - Deformability of certain high-melting metals. p. 54.
- Potukhin, V. P., Kravtchik, N. G., Polashov, V. S. - Stressed state and strength of rolls during forced Nevada in the rolling process. p. 57.
- Yzadov, V. T., Stefanov, V. F. - Studying power consumption during different methods of rolling channel bars. p. 63.
- Korzh, V. P., and others. - Theory of asymmetric rolling of thick blanks in smooth rolls. Report No. 1. p. 68.
- Zaleskii, V. I., and others. - Modeling the process of pigot reduction under different conditions. p. 73.
- Borisov, V. K. - Numerical method of determining deformation during upsetting. p. 78.
- Zafesskii, V. I., Bogomolov, V. V. - Surface chamber following semiautomatic calibration. p. 82.
- Shaykin, R. F., Rytkov, A. M., Mandzik, B. V. - Investigating the piercing process of steel ingots in a container. p. 85.
- Arasiev, P. P., and others. - Viscosity of molten iron containing manganese, chromium, and silicon. p. 80.
- Stark, I. U. S., Krasavin, V. V., Karpov, M. I. - Scattering of conductivity electrons on impurity ions taking into account the size effect. p. 94.
- Avramov, I. U. S., and others. - Effect of the oxygen content on the surface energy of single crystals of silicon iron. p. 99.
- Vorob'ev, G. M. - Connection between defects in crystal structure and the hardening of Fe-C alloys during deformation. p. 103.
- Zil'berman, A. G. - Investigating diffusion during the heating of a steel-titanium bimetal. p. 108.
- Kuchapin, A. A., Kidin, I. N., Pliguzov, I. U. V. - Hardened state occurring as a result of thermo-mechanical treatment. p. 113.
- Sedov, I. U. E., Geller, I. U. A. - Determining the strength of tool steel. p. 117.
- Gintsburg, I. A. S., Gintsburg, A. I. A., Bobrov, A. G. - Short-period creep of chromium stainless steels. p. 122.
- Patsov, I. V., Bashnin, I. U. A., Samenchko, G. V. - Effect of rare earth metals on the structure and properties of pig iron steel. p. 124.
- Platakhova, L. L., Kuznetsova, L. M., Nikitskaya, V. A. - Effect of silicoaluminum on the impact toughness of low-alloy steel at subfreezing temperatures. p. 129.
- Pavlov, V. P. - Behavior of sulfur in cast iron during its treatment with magnesium. p. 135.
- Mikhailov, A. M., Akhmetov, G. Sh., Nikolaeva, V. N. - Heat treatment of castings with a high-chromium alloyed layer. p. 142.
- Levi, L. I., and others. - Distribution and forms of existence of hydrogen in cast iron. p. 146.
- Levi, L. I., and others. - Composition, structure and properties of blast furnace pig iron of various origin. p. 151.
- Pritykov, I. A., Ryzhkov, T. N., Krivandin, V. A. - Optical method of dispersal analysis of the solid phase in a flame. p. 156.
- Kocho, V. S., and others. - Experimental data on regularities of heat exchange in open-hearth furnace checkerwork. p. 183.
- Vashchekko, A. I., Shul'ts, L. A., Rumiantsev, F. D. - Decarburization of carbon steel in products of incomplete combustion of natural gas. p. 188.
- Svirnov, I. U. A., Luk'yanenko, O. P. - Using zonal methods in the calculation of industrial electric resistance furnaces. Report No. 2. p. 172.
- Romenets, V. A., Fedotov, A. A., Porlov, N. I. - Economic significance of optimizing the fuel and power balance in metallurgical plants. p. 176.
- Kozlov, A. A., Solomakhin, I. S. - Ways of optimizing expenditures for the production of coke for pig iron smelting. p. 183.
- Glinkov, M. A., and others. - Statistical modeling of heats with the use of dynamic programming. p. 189.
- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvoshlia vysshikh uchebnykh zavedeni: geologia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning: Geology and Prospecting]. Moscow, vol. II, no. 7, July 1968.
- Table of contents translated:
- Chernova, E. S. - Geosynclinal stages in the development of the earth's crust during the Mesozoic and Cenozoic, as revealed by a study made in the Soviet Union. p. 3.
- Proshlakov, B. K. - Epigenetic changes in sedimentary rocks and their significance for petroleum geology. p. 12.
- Laukhin, S. A. - Traces of ancient porphyry processes in the central parts of an extraglacal area (Yenisei basin). p. 18.
- Azhairol, D. G., Azifrol, R. M., Korobov, V. V. - Geological and petrographic peculiarities of the Middle Devonian porphyritic intrusions of the southern part of the Rostov Altai. p. 27.
- Krestin, E. M. - Conditions governing the crystallization of sulfides of disseminated copper-nickel ores of the Kureyskiy region. p. 38.
- Zubatskaya, L. I. - Some petrochemical peculiarities of granitoids in the Gedzinskii intrusive complex of the Dzhdia ore zone. p. 49.
- Krusalova, G. K. - Temporalities of the hydrothermal metamorphism of rocks in the Davoutian volcanic sedimentary complex of the Northern Caucasus. p. 57.
- Korchagin, U. A. - Structures of the Ikh-Khuyrakh wall-ramp deposit. p. 60.
- Frolov, V. I. - Petrographic peculiarities and conditions governing the formation of Abuk-Chul'ma coals. p. 66.
- IAkovlev, E. A. - Determining the yield of volatile substances in commercial bed samples of coal as exemplified in the southwestern Donets Basin. p. 70.
- Savast'ianov, O. M., Savast'ianova, S. K. - Hydrogeological conditions of the Orenburg region and causes of the salinization aquiferous horizons in the Ural Valley. p. 76.
- Zhuravlov, A. V. - Conditions governing the formation of the Salgaiten mineral waters. p. 83.
- Vdovichenko, G. M. - Reduction-oxidation conditions in underground waters of the Rozdol sulfur deposit. p. 89.
- Mos'jakov, E. F. - Investigation of cohesion in clayey soils by the method of penetration. p. 93.
- Lysenko, M. P. - Connections between the structure and physicochemical properties of loess. p. 98.
- Pas'ko, E. V. - On one principle in the construction of a measuring device for electric prospecting by the method of natural electromagnetic fields. p. 104.
- Sokol'nikov, V. V. - Effect of conduction currents in magnetic logging in measurements by a shunt-coll probe. p. 110.
- Artyushov, V. A., Popov, E. P. - Study of anomaly forms in densely gamma-gamma logging. p. 118.
- Olofinin, L. N. - Effect of resist on the form of curves of three-electrode electric sounding to the results of modeling works. p. 124.
- Bondarenko, V. S. - Improvement in the technical standardization of mining operations in prospecting. p. 133.
- Sumov, L. A. - Mechanization of manual drilling in prospecting for gold placer deposits. p. 138.
- Shumakov, F. A., Koradov, V. P., Iakovlev, A. M. - Accelerating the solidification of plugging mixtures. p. 142.
- Karpushin, D. M., Glukhov, A. A., Pozdnyakov, S. A. - Geological and economic evaluation of geophysical works. p. 145.
- Kaslov, M. N. - New occurrence of Late Pleistocene volcanic ash in Moldavia. p. 150.
- Litkov, L. L., Mol'nikov, V. P. - Possibilities of the utilization of phase-frequency characteristics of the method of induced polarization for the classification of the polarizability of anomalies. p. 163.
- Khasanbaev, R. S., and others. - Effect of the controlled directional medium on the induced polarization of minerals; 2d article. p. 168.
- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvoshlia vysshikh uchebnykh zavedeni: neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning: Petroleum and Gas]. Moscow, vol. II, no. 2, 1968.
- Table of contents translated:
- Fiftieth anniversary of the armed forces of the Soviet Union. p. 3.
- Lukin, A. E., Shchukin, N. V., Fedorov, A. A. - Mineralogical composition of Carboniferous, Permian, and Triassic clay rocks in the Dniester-Donets Lowland in connection with drilling technology. p. 5.
- Molehanov, M. F. - Origin of underground waters in the Middle Pliocene sediments of the Chalkoan Peninsula. p. 9.
- Moldavskii, B. S. - Hydrogeochemical characteristics of the Pechany-Moro field in connection with the prospects for oil and gas occurrences in the southern part of the Apsheron region. p. 14.
- Aliev, A. K., Vozirova, H. Kh., Makhsudov, V. M. - Initial oil pool outlines in the Azerbaijan part of part of the productive strata in the Agstafa field. p. 17.
- Kopylov, V. E. - Effect of the gas-saturation of the oil on the productivity of the Agstafa field. p. 20.
- Shostakov, V. N., and others. - Reservoir characteristics changes in igneous intrusions of the Agstafa field: a perspective. p. 21.
- Mastafayev, A. D., Tughray, H. H. - Early gas-saturation in oil and gas well workings. p. 24.
- Lopatin, V. A., and others. - Industrial testing of the use of sulfuric acid solutions of oil in the Agstafa field. p. 20.
- Pans, K. F., Akhmedov, A. P., Akhmedov, K. A. - Being polyblended in the Agstafa field. p. 23.
- Razamat, M. S., and others. - Exploitation of the oil in the Agstafa field and the role of the oil in the recovery from the Sub-Khmal section in the Agstafa region by a depletion drive. p. 34.
- Sadykh-Zade, E. S., and others. - Studies on the process of establishing equilibrium in the Agstafa field of gas condensate systems. p. 41.
- Klitomov, B. V., and others. - Estimating the oil in the Agstafa field. p. 43.
- Kondratov, A. A., Hozaykhi, K. P. - Calculating the complete reflux and single-flash reflux of the solidification of complex mixtures. p. 47.
- Abdul-Khalim, Hantamov, M. I., Aliev, A. K. - A study of the catalytic properties of the Agstafa field products in an aluminosilicate catalyst. p. 51.
- Dol'shakov, G. F. - Studying the structure and the position of the initial phase (hydrocarbon) in the oxidation of hydrocarbon oil. p. 55.
- Shikhmurova, D. E. - Reduction of the rate of the local combustion in the Agstafa field. p. 59.
- Akhmedov, Z. A., Gurbanov, R. S. - The role of the component viscous fluid part in the reduction of the rate in a vertical pipe. p. 63.
- Adigamov, Z. D. - Determining the rate of the oil well in the Agstafa field. p. 67.
- Tolmachev, G. G. - From the history of the use of electric energy in the oil fields of Azerbaijan. p. 71.
- Kuliev, I. A., Khasanbaev, R. S. - Study of the electric parameters of oil and gas systems in the Agstafa field. p. 75.
- Hozaykhi, H. M., Lannikin, V. A., Hozaykhi, H. M. - Improving the initial oil well in the Agstafa field. p. 79.
- Kondratov, N. I. - An algorithm for solving the problem of managing petroleum products in the Agstafa field. p. 87.
- Vingradov, V. N., Barakin, G. M., Hozaykhi, H. M. - Analyzing the configuration and structure of the oil well in the Agstafa field. p. 91.
- Sahib, A. A., Starodub, V. I. - Effect of the oil well in the Agstafa field. p. 95.
- Khasanbaev, R. S. - Preparation of the oil well in the Agstafa field. p. 99.
- Mammadov, R. M. - Preparation of the oil well in the Agstafa field. p. 103.
- Khasanbaev, R. S. - Preparation of the

- [illegible]

TORFIANAL PROMYSHLENNOST' [PEAT INDUSTRY]

Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po nauke i tekhnike [State Committee of the Council of Ministers of the U.S.S.R. for Science and Technology] and others. Moscow, vol. 45, no. 6, 1968.

Table of contents translated:
Druzhelovskii, I. I. - Peat industry on the 50th anniversary of the White Russian SSR. p. 2.
Goltskevich, B. B. - Practice in operating the lavzh-Buk peat briquetting plant of the White SSR Peat Ministry. p. 5.

Morozov, B. P. - Operating reliability of hopper machines for gathering shredded peat. p. 9.
Eryazov, V. A., and others. - Testing drainage ditch crossing made from socketless concrete pipes. p. 13.

Petrovskii, E. E. - Methods for calculating the composition of two-component shales for producing peat briquets of a given quality. p. 15.

Heprinslava, S. N. - Exothermic effect of thermal decomposition of peat at high heating rates. p. 18.

Troshchova, T. V. - Study of the mineral segment of peat deposits. p. 21.

Antonov, V. V. - Use of an IAmZ-238 engine in a TU-4 diesel. p. 25.

Chaikov, V. I. - Sensory element for automatic registering shredded peat gathered by EMPF machines. p. 26.

Filippov, A. K. - Transportation of passengers and freight at peat enterprises. p. 28.

TSVETNYE METALLY [NONFERROUS METALS]. Organ of Ministerstva tsvetnoi metallurgii SSSR and Tsentrall'noe pravleniye Nauchno-tekhnicheskogo obshchestva tsvetnoi metallurgii [Ministry of Nonferrous Metallurgy of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy]. Moscow, vol. 41, no. 6, May 1968.

Table of contents translated:
Eighteenth International Congress on Mineral Dressing held at Leningrad. p. 2.

Announcements of reports at the 8th International Congress on Mineral Dressing. p. 8.

Belogal, P. O., and others. - Gravitation-flotation flow-sheet of ilmenite-zircon sands. p. 17.

Kurbel'ev, G. N. - Overall intensification of the flotation process of complex metal ores. p. 19.

Silronov, A. F., Lukychuk, A. I., Kravets, N. A. - Improving the flow-sheet for the refinement of crude ilmenite concentrates. p. 21.

Khassen, A. I., and others. - Sorption of a magnetized anion collector by mineral surfaces. p. 23.

Eliseev, N. L., Nagirniak, F. L. - Changes in polarographic maxima and floatability by magnetic water treatment. p. 24.

Gul'nikhin, E. V. - Studying the separation process of the combining ores in heavy suspensions. p. 26.

Balmakov, I. U. V., Veliukov, M. M., Gurkin, S. I. - Trends in the planning and selection of efficient design features for modern aluminum plants. p. 28.

Mechov, V. V., Gurduev, A. P., Romanov, V. D. - Certain problems of increasing the output in converter reduction of copper and copper-nickel plants. p. 34.

Musulin, A. S., and others. - Studying the process of nickel carbonylation from anode scrap. p. 38.

Ehrov, O. N., Berlin, Z. L., Zasyukin, N. S. - Selecting the optimum profile of a waste coal regenerator for copper smelting reverberatory furnaces. p. 41.

Kostolov, V. V. - Drying ore concentrates in a fluidized bed furnace. p. 43.

Samodelov, A. P., Deltmar'skii, R. K. - Electrochemical refining of crude tin in fused salts. p. 44.

Berlin, Z. L., Kravets, A. B. - Studying an experimental tunnel-type waste heat regenerator behind a pilot plant furnace of oxygen-suspension smelting. p. 50.

Firsanov, A. S., Pozin, I. U. M. - Purification of concentrated solutions of cadmium chloride from nickel and nitrogen compounds. p. 54.

Grasorehshin, I. M., Mil'man, A. Z. - Economic efficiency of new flow-sheets for the smelting of lead and zinc. p. 55.

Grebenev, V. A. - Fifty years of the Leningradskiy Complex Metal Ore Combine. p. 60.

Dobosh, D. - Further development of the technology of alumina production by the Bayer method with simultaneous recovery of iron. p. 60.

Chizhikov, O. M., and others. - Calcining kaolin clays in a fluidized bed furnace. p. 67.

Posinikov, V. A., Morozov, V. N., Riakov, V. A. - Characteristics of the crystallization of ammonium paramolybdate. p. 70.

Lainer, A. I., Kolenkova, M. A., Rybachuk, N. T. - Production of commercial zirconium dioxide from a badoleite concentrate. p. 73.

Khomlakov, A. P., and others. - Production of OT-1 titanium alloy slabs. p. 76.

Mil'din, K. M., Shovukin, I. U. F. - Elastic deformation of work rolls during the cold rolling of pipe. p. 78.

Rykhin, E. I., Matashkin, A. V. - Volatilization of platinum-ruthenium alloys. p. 80.

Kals, A. M., Pukov, M. V., Bakhtiarov, R. A. - Studying the size and distribution of lead inclusions in cast LC63-3 brass. p. 81.

Novikov, I. I., and others. - Effect of cold deformation on the structure and properties of the VT15 alloy. p. 83.

Lainer, D. I., Cherkashina, N. V., Brik, L. M. - Effect of small amounts of impurities on the properties of copper. p. 86.

Kupriyanov, V. A., Ershov, I. M., Sofinokti, P. L. - Calculating the basic parameters of rotary ingot molds for continuous casting. p. 87.

Readers are discussing the work of the journal "Tsvetnye Metally." p. 88.

Milev, T. - Plants of the Kiporada Institute have researched the flotation machines Mekhanobr-5A and 6A to pneumatic mechanical. p. 90.

VOPROSY GORNOGO DAVLENIA [PROBLEMS IN ROCK PRESSURE]. Issued by Nauchnyi sovet na probleme gornogo davlenia Instituta gornogo dela Sibirskogo otdelenniya Akademii nauk SSSR [Scientific Council on the Problem of Rock Pressure of the Institute of Mining of the Siberian Department of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 24, 1968.

Table of contents translated:
Shadrin, A. G., Pozokhov, G. E. - Observation of roof behavior in shield-protected mining of steep seams. p. 3.

Koslov, N. I. - Investigating performance conditions of coal face supports in inclined layers during narrow strip mining on the strike with filling. p. 9.

Belov, I. B., and others. - Mining steeply pitching seams by wire-rope sawing machines with preliminary boring of individual holes. p. 10.

Mel'nikov, O. L., Timofeev, O. V., Ogolodnikov, I. N. - Influence of the structure and strength of roofs on bearing pressure parameters in the shield-protected system of mining steeply pitching seams of the Kuznetsk Basin. p. 21.

Lakhtak'ko, I. U. A., Tsyryna, V. F., Skuba, V. N. - Distribution of bearing pressure in the zones beneath pillars in mining contiguous seams. p. 33.

Gorbachev, D. T. - Using the inerted, elapased shocks, and conditions of their spontaneous action in inclined seams. p. 39.

Sukhovskii, S. M. - Efficiency of movable shield supports in mining thick steeply pitching seams of the Kuznetsk Basin. p. 53.

Isteev, V. G., Man'kov, V. N. - Stability of mine workings. p. 61.

Ginskie, V. T. - Complex investigation of the interaction between the rock and circular metal supports in major mine workings in deep mines. p. 66.

Kravchenko, G. I., Belov, A. E. - Methods and results of investigating the influence of oil boiling on the carrying capacity of rock walls of a borehole by the method of modeling with equivalent materials. p. 72.

Pechenkin, A. S. - Results of pilot plant testings of the pillar system of mining to the rise with filling at the "Kokoratskii" mine in the Kuznetsk Basin. p. 81.

Leonov, V. N., Zimkov, B. A. - Results of the measurements of broken-down coal in the pillar system of mining to the rise. p. 97.

Pozokhov, O. L., Shadrin, A. G., Ryzhkov, I. H. A. - Results of observations of the settling of fill mass in the pillar system of mining to the rise. p. 105.

Mozdakov, I. U. A. - Selecting the configuration of stopes in shortwall systems without supports. p. 112.

Khyantsov, V. F. - Order and methods of mining steeply pitching contiguous ore bodies in mines of Gornaya Shoriya. p. 118.

Batugin, S. A., and others. - Results of observations with regard to the influence of blasting operations on the stability of interchamber pillars at the Tsvetnol'g' iron ore deposit. p. 130.

ZAVODSKAYA LABORATORIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi komitet po khimii i tsvetnoi metallurgii pri Gosplane SSSR and Gosudarstvennyi komitet po khimii i tekhnologii sel'skogo khozyaystva SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State Planning Committee of the U.S.S.R., and the State Committee for the Coordination of Research in the U.S.S.R.]. Moscow, vol. 34, no. 5, 1968.

Table of contents translated:
Kornat, N. P. - Differentiating action of solvents which are nonmiscible with water. p. 613.

Orzhikovsky, A. L., and others. - Study of conditions for burning out carbon in metals and alloys without using a flux. p. 618.

Taranov, V. M., Shaposhnikova, G. N., Acharian, G. S. - Amperometric determination of gold using mercuronitrile. p. 622.

Sokolova, E. V., Cherkashina, A. A. - Paper chromatography of 1-aminonitrotriquinone-sulfonic acid and products of its bromination. p. 623.

Volkovskii, D. G., and others. - Analysis of cyanoacetic and α -cyanoacrylic acid esters and polymeric cyanoacrylates by gas-liquid chromatography. p. 628.

Khoshits, V. I., Babukh, V. P., Oparina, G. K. - Chromatographic analysis of products of isoprene synthesis. p. 629.

Levchenko, T. M., Kirichenko, V. A., and others. - Titration of melamine in aqueous solutions. p. 630.

Kreshkov, A. P., Kazantsev, R. A., and others. - Titration of mineral acid mixtures with the amino in nonaqueous solutions. p. 637.

Aksenov, V. M., Aksenov, V. I., and others. - Titration of β -nitroalcohols. p. 635.

Orehov, V. T., Minayev, V. A., and others. - Rapid method for quantitative determination of tributyl phosphite. p. 637.

Lutina, G. E., Romanenko, L. I., and others. - Photometric determination of iron in the presence of thionite ore. p. 638.

Iurial, I. M. - Polyethylacetylenes as a reagent reagent in complexometric determination of metal ions. p. 639.

Baidur, T. B., Borzhikarova, T. P., and others. - Determination of mono methylolurea in the presence of diethylolurea by the method of distillation. p. 640.

Averbukh, A. I. A. - Semiinterferometric analysis of the oblique probe in ultrasonic detection of defects. p. 648.

Gruzin, P. I., Kozlov, I. I. - The method of spectrometry method in gamma-ray analysis. p. 648.

Ruminantsev, A. P., Tarasova, A. B., and others. - Acoustic transmissibility of the liquid in the cylindrical body. p. 648.

Khasin, G. A., Chikina, V. G., and others. - Methods for determining the critical temperature of high-speed steel. p. 652.

Pisutin, S. A., Olesovitch, S. M., and others. - Diffraction analysis of intermetallic compounds in the chamber. p. 654.

Panteleev, V. A. - Calculation of diffusion coefficients at plane interfaces. p. 656.

Klassen, V. I., and others. - Method for determining the structural breakdown of binary alloys under the action of reagents. p. 657.

Barabanov, N. N., Polukhin, V. M., and others. - Method for determining water content in solutions of acetyl ethylene. p. 658.

Pokrovskii, V. V., Kalinychuk, V. A., and others. - Method for measuring the width of the distribution in a slag melt. p. 660.

Koksharov, A. M. - Measuring high-angle values of the tangent of the angle of the coaxial resonator method. p. 661.

Bar'skii, L. A., and others. - The method of balance method in the comparison of the algorithm for separation of chemical elements in the flotation process. p. 661.

Borisova, A. P., Gramovskii, I. U. V., and others. - Determining the concentration of a component with glycol technique using thin layer chromatography. p. 669.

Bolotov, I. U. K., Lamer'skii, I. A. P., and others. - Acceptance control in night manufacturing. p. 670.

Shadrin, I. B. - Optimal two-phase method procedure in industry. p. 671.

Kalnov, P. G., Trubnikov, B. P., and others. - Establishing the plasticity of the material of the speed steel. p. 681.

Ziochovskii, A. B. - Methods of intermetallic compounds in the determination of the concentration of the component in zones with a high aluminum content. p. 682.

Streltsov, V. A., Shtromskii, B. P., and others. - Cyclic plasticity in programmed tests of the material changes. p. 689.

Mikhaev, P. G., Fridman, I. A., and others. - Estimating the anisotropy of mechanical properties. p. 691.

Vinditskii, T. A., Lazhniko, V. I., and others. - Mechanical tests in the control of the material. p. 693.

Kiselev, I. U. A. - Relation between the hardness of the material and the strength of the material. p. 699.

Stroikov, P. O., Shpunt, A. A., and others. - Application of intermetallic compounds in the study of the effect of radiation of preheated metal on crystal. p. 697.

Shol'kov, P. G., Shpunt, A. A., and others. - Using NaCl crystals as a standard for the study of the effect of radiation on crystal. p. 699.

Kozyrov, S. P. - Method of predicting the stationary volume of liquid. p. 699.

Fridman, M. V., Kolik, E. M., and others. - Estimating the properties of 35C8 steel by a thermomechanical treatment. p. 699.

Markovich, A. V. - Electrodeless method for fatigue tests. p. 699.

Mal'nev, I. U. M., Antropov, V. G., and others. - Using the modularity models for the study of the material. p. 699.

Kaverin, A. T., and others. - Determining the effect of an electrophoretic deposit. p. 699.

Vinokurov, V. A., Nikolaev, V. V., and others. - Studying stress relaxation at a variable temperature. p. 699.

Artamonov, A. I., Tkachenko, I. U. G., and others. - Studying external friction and material under external conditions. p. 699.

Andrievskii, V. G. - Stand for testing plasticity and prolonged and momentary loading effect. p. 699.

- Kiliev, V. P., Mazurina, O. V., Saklov, V. B. - Shift transducer and its use in viscometry and dilatometry. p. 613.
- Alchikov, I. N., Kondrashov, V. A., Brazhnikov, I. A. - Measuring the dielectric characteristics of ferrites with a Q-meter. p. 618.
- Borisevich, E. A., Kretzgold, S. U., Plotnikova, I. M. - Sensitivity of fluorimeters. p. 618.
- Begyal'ko, L. A., Hosenberg, L. B. - Self-recording of strength-deformation diagrams in mechanical testing. p. 620.
- Zozhila, V. D. - Device for recording wear on an M-1M friction machine. p. 621.
- Kravchenko, A. A. - Increasing the sensitivity of an MKh363 mass spectrometer in analyzing materials. p. 622.
- TSibirsk, A. N., Mischeiko, V. L. - Microchamber for localized heating in high-temperature research. p. 624.
- Lokanov, A. M., Platonov, M. P. - Condenser for measuring dielectric properties of fluids. p. 624.
- Poddubny, I. A., Evdikinov, V. F., Sokolova, M. A. - A thermistorized automatic ebullimeter. p. 626.
- Khochevskii, B. V., Sobolevskii, A. L., Edneral, F. P. - Unit for studying the kinetics of separation of gases from metal in a vacuum. p. 627.
- Life, V. N., and others. - Efficient control of the chemical composition of steel following electroslag and vacuum remelting. p. 628.
- Stranovich, V. V., Kuleshov, V. I., Kopylova, L. A. - Methods of X-ray spectral and flame-photometric analysis in controlling the production of lead, zinc, cadmium, and rare metals. p. 630.
- Oskelopov, P. K., Dubitskii, L. G. - Fifth international conference on nondestructive testing methods. p. 632.
- IAkov Borisovich Fridman; obituary. p. 635

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

DIKNOT AGITATORA (THE AGITATOR'S NOTEBOOK). Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 20, no. 11, June, nos. 10-18, Aug.-Sep. 1968.

KOMMUNIST VOORUZHENNYKH SIL (COMMUNIST OF THE ARMED FORCES). Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 9, May 1968.

- Table of contents translated:
- Editorial: Realization of one and the same will of the party and people. p. 3.
- An inspiring thinker and ardent revolutionary. p. 8.
- Trushin, B. - Lenin's plan for starting the building of socialism. p. 14.
- Migal'ov, A. - A world of revolutionary forms and the tactics of communist parties. p. 20.
- Semishkin, I. - Oath of allegiance to the native country. p. 20.
- Zabotolnyi, G. - Guarding the Soviet borders for half a century. p. 36.
- Zinchenko, O. - Let us rise to new eminence in the jubilee year. p. 42.
- Noskov, L. - A strict account of training. p. 49.
- Ensuring high grade combat readiness of the troops is the main objective. p. 54.
- Maslovskii, I. - The international socialist division of labor. p. 50.
- Petrushko, M. - Museum of the heroic Brest fortress. p. 66.
- Krylov, A. - Glorious pages of naval history. p. 69.
- Putinska, A. - The Red Army's victory over the interventionists and White Guards during the civil war. p. 72.
- Imperialism's aggressive blocs. p. 76.
- How often should conferences of party organization secretaries convene? p. 84.
- Should the activists participate at the meetings of the party committees and bureau? p. 85.
- Is it possible to call joint conferences and meetings of party committees and of the bureau? p. 85.
- From our correspondence. p. 88.
- In military districts and fleets. p. 94.
- From unpublished letters. p. 96.

NASHI VESTI (OUR NEWS). Published by Soluzhirov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 24, no. 268, Oct. 1968.

RODINYI KRAI (NATIVE LAND). Issued by Donskoe volkovoye obshchestvo [Don Cossack Association]. Paris, no. 77, July-Aug. 1968.

STARSHINA - SERZHANT (NONCOMMISSIONED OFFICERS). Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 8(95), Aug. 1968.

- TEKHNIKA I VOORUZHENIE (TECHNOLOGY AND ARMAMENTS).** Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 26, no. 12, Dec. 1967.
- Table of contents translated:
- To new achievements. p. 1.
- Ikhachev, K., Larin, P. - Fortresses on wheels. p. 2.
- Peshkin, I. - Contribution of metallurgists. p. 4.
- Milin, A., and others. - Technical equipment for training. p. 6.
- Katsman, V., Matzol', V., Potikov, V. - Computing devices of trainers. p. 10.
- Semenychev, N., Dmitriev, D. - Initiation continuation of a locality. p. 12.
- Nechiporenko, A., Simakov, E. - A guarantee of success. p. 14.
- Vinogradov, P., Golovachenko, G. - Is there moisture on equipment? p. 16.
- Botanko, D. - MV-750 motorcycle. p. 18.
- Morozov, A. - Nonferrous electrolytic coppering. p. 19.
- Vereshagin, K. - Compression of pulses. p. 20.
- Mikhailov, I., Ezhkov, I. - A class in nuclear physics. p. 22.
- Chalka, V. - Dressing the ends of a cable. p. 23.
- Maloparin, I. - Learning to drive with a motion picture assisted training apparatus. p. 24.
- Shunov, A. - Driving an automobile at night. p. 26.
- Rasigaev, P. - Diagnostic center. p. 28.
- Solntsev, I. - "MobiLita" over "Orbita". p. 30.
- Gospodinov, D., and others. - Brokers in warfare. p. 32.
- Cejnar, V. - "Tatra" army automobiles. p. 36.
- Petrov, N., Svalakovskii, D. - Winter teaches us. p. 38.
- Kisalev, A. - Looking at the exhibition. p. 39.
- Relay race of innovators. p. 40.
- Kalashnikov, M. - Exhibition by Leningrad innovators. p. 42.
- Faralov, M. - Torpedo boats are 60 years old. p. 43.
- Ivanov, A., Ivanov, G., Semonov, E. - Decontamination. p. 44.

Vol. 26, no. 1, Jan. 1968.

- Table of contents translated:
- Train high-class specialists. p. 1.
- Dodolov, G. - An outstanding battalion. p. 3.
- Kashnikov, M. - Guardsmen-parachute troops for the motherland. p. 4.
- Andriushenko, V., and others. - Into the great way. p. 6.
- Vasser, M. - Lenin and aviation. p. 11.
- Kamshuk, S. - The sources of knowledge. p. 12.
- The ideas of Lenin. p. 13.
- Serduk, P., Koshchev, L., Dzibenko, M. - An automated unit. p. 14.
- Leonov, A. - A soldier, teacher, and scientist. p. 15.
- Nikulin, K. - Training ropemen. p. 18.
- Litvinov, V. - Methodological recommendations. p. 17.
- Gavrilov, G. - Practical skills for students. p. 18.
- Dorokhov, V. - A portable workshop. p. 21.
- Lavrov, O. - The ZIL-131 automobile. p. 22.
- Ivanov, A., Gogoluk, E. - Starting an engine in winter. p. 24.
- Leonidov, K. - Scientific organization of labor at the U.S.S.R. Exhibition of National Economic Achievements. p. 26.
- Hetkov, M. - The profession of spunkin. p. 27.
- Lovashov, N. - Automation at an autodrama. p. 28.
- Ivanovskii, N., Mozhnikov, A. - Preparing for a march. p. 29.
- Chumachenko, A., Simakov, F. - Control and prediction. p. 30.
- Vakhtangov, P., Skutikhin, M. - Preserving the hulls of wooden ships. p. 32.
- Relay race of innovators. p. 34.
- Artobolevskii, I. - Science and the five-year plan. p. 38.
- Masilov, L., Zhuravlin, M. - Loading ammunition. p. 40.
- Panov, N. - Give more attention to independent study. p. 41.
- Kurasev, F., Eysheim, G. - An important step of training. p. 42.
- Alkandrov, A. - Controlling outer space. p. 44.
- Equipment, weapons. p. 45.

Vol. 26, no. 2, Feb. 1968.

- Table of contents translated:
- Lenin's decree. p. 1.
- Cherapanov, A. - First battle, first victory. p. 2.
- Krylov, N. - Our nuclear rocket shield. p. 4.
- Pavlovskii, I. - Skillfulness and mobility. p. 6.
- Balitskii, P. - Readiness and insurmountability. p. 8.
- Hetkov, K. - Combat wings of the fatherland. p. 10.
- Gorshkov, S. - Half a century on a battle watch. p. 12.
- Kislov, A. - The revolutionary military council and war materials. p. 14.
- Gurov, O., Timokhin, G. - In flame and glory. p. 16.
- Dragunskii, D. - Innovators of the Red Banner Transcaucasian Military District. p. 22.
- Frolov, V. - Man during flight. p. 24.
- Vinogradov, I., Sharilko, L. - The decisions of the Congress are binding. p. 25.

- Maluk, N. - When radio equipment is in the air. p. 27.
- Shapochkin, E. - Academy of advanced experience. p. 30.
- Bezborodov, G. - On blue routes. p. 32.
- Dominik, V. - The golden stock. p. 34.
- Ezhov, A., Kulagin, I. I. - To the heights of science. p. 36.
- Novikov, M. - Inks in the sky. p. 38.
- Gusarov, K. - By a network schedule graph; planning leader tests. p. 40.
- Nikolaevskii, G. - A radio technician's work area. p. 42.
- Agrenich, A. - Classification and coding systems. p. 43.
- Ditman, K., Panchenko, L., Serovskii, V. - Pulse magnetron tester. p. 44.
- Gretko, A. A. - The battle for the Caucasus. p. 46.

Vol. 26, no. 5, May 1968.

- Table of contents translated:
- Kuzin, A. - All-powerful because it is true. p. 1.
- Leonov, A. - Combat training is in progress. p. 4.
- Zharavlev, M., Trukhtenberg, B. - Organizing the training of students. p. 5.
- Tverskii, A. - Apparatus and documentation. p. 6.
- A preventive checkup. p. 7.
- Mikarov, V. - Testing a thyristor. p. 9.
- Conditioning of radio components. p. 10.
- Vizirenskii, I. - Determining errors. p. 11.
- Dem'ianov, V., Timokhin, G. - Your technical background. p. 12.
- Pervukhin, M. - Instructional and methodological studies. p. 15.
- Isakov, V. - Equipping study rooms. p. 16.
- Barov, N., Selyasov, N. - p. 18.
- Skuratov, I. - Controlling a network schedule graph. p. 20.
- Enot'nikov, B. - Engineering posts. p. 22.
- Mikhailov, O. - The Ural-375 is being improved. p. 24.
- Krasnenskaya, S. - Steel phasing. p. 26.
- Kilov, A. - Visual estimation while passing. p. 27.
- Agodin, V. - High-speed radiocommunication. p. 28.
- Norovitskii, V. - Plus electrification. p. 32.
- Sychov, I. U. - Training devices and standards. p. 34.
- Utkin, V. - Intermediaries. p. 35.
- Kollner, Siegfried. - Innovators of the National People's Army. p. 39.
- Relay race of innovators. p. 42.
- Chistinkov, V. - Control posts. p. 46.

TYL I SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL (THE REAR AND SUPPLY OF THE SOVIET ARMED FORCES). Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 26, no. 6, Aug. 1968.

- Table of contents translated:
- In the interests of the people. p. 2.
- Novoselov, P. - Lenin principles of economic guidance. p. 6.
- Polym, F. - Our most important work is the careful provisioning of fighers. p. 12.
- Chugunov, N. - Communists of the aviation service force. p. 16.
- Bulibayev, A., Nikulin, N. - Success is forged through common effort. p. 20.
- Malyschenko, I. A. - Shoulder to shoulder. p. 22.
- Voloshin, N., Pleshan, A. - To you, pilots, after difficult flights. p. 26.
- Tretyak, I. - Bring field training of service force troops to a level with modern requirements. p. 28.
- Sladrenko, G. - Concern for ideological seasoning. p. 35.
- Sukharev, M., Kabanov, I., Smolnik, N. - Komandol members for the anniversary. p. 38.
- Vorobeyko, G. - People who make close friends with sports. p. 40.
- Ezhkov, D. - Give daily attention to young officers. p. 42.
- Ustakov, V. - Commander of a rescue towboat. p. 44.
- Lizavskii, M. - An enthusiast of public dining. p. 45.
- Paulusienko, E. - A service for unit holds exams in the field. p. 46.
- Arashev, E. - Can this be done without any songs? p. 51.
- Derzhavskii, V. - With knowledge of one's business. p. 52.
- Dudkin, N. - Standard of quality. p. 54.
- Karozhnyi, I. A. - Storing potatoes and vegetables. p. 57.
- Brylov, D., Mikriukov, A. - Wholesale prices are an important instrument of management. p. 58.
- Kulsh, N. - We look for and find. p. 62.
- Zolovodinskii, V., Sukhodov, M. - A creative approach and in the party spirit. p. 64.
- Bondarenko, P., Borshchuk, I. - Preparing for winter is an urgent matter. p. 67.
- Denisev, O. - Loyal traditions. p. 70.
- Klyusov, V., Blokhin, V., Savinov, V. - Planning automobile transportation. p. 73.
- Gorshkov, V. - With the aid of graphs. p. 76.
- Gochekhov, A. - Network schedule planning in agencies of the military communications service. p. 78.
- Lobanov, A. - Technical provisions for a battalion in an offensive. p. 80.
- Gushchik, V. - Vital functions of motorized technical maintenance units. p. 83.

- Markov, M. - A talented engineer and outstanding scientist. p. 64.
 Golitsyn, B. - Artillery innovations at the U.S.S.R. Exhibition of National Economic Achievements. p. 67.
 Lashov, G. - The war in Vietnam and its profiting interest. p. 68.

VESTNIK PEROPOKHODNIKA [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravleniye Kaliforniskogo obshchestva v sostavke I-go Kubanskogo generala Kurnilova pukhoda [Administration of the California Association of Veterans of General Kurnilov's First Cuban Campaign]. Los Angeles, vol. 8, nos. 82, 83, Aug.-Sept. 1969.

VESTNIK PROTIVOVOZDUSHNOY OBOZORNY [AIR DEFENSE REVIEW]. Published by Voennoye izdatel'stvo Ministerstva obrony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 7, July 1968.

- Table of contents translated:
 Lavrinenko, V. D. - Do not allow indulgence and vulgarization in combat training. p. 3.
 Tkachev, F. P. - Bring ideological work among troops to a level with the requirements of the party. p. 8.
 Travn, M. D. - Cognitive activity of a commander. p. 14.
 Kanichev, I. V. - On the anniversary watch. p. 20.
 Smirnov, D. D. - Under conditions of shortened terms of service. p. 24.
 Our competition. p. 28.
 Bol'shakov, M. M. - Each presumption can be prevented. p. 29.
 Chaplygin, I. G. - Caution in flying. p. 32.
 Suleimanov, G. G. - Test exercises in tactical training. p. 35.
 Zapev, I. U. K. - Always on the alert. p. 40.
 Ivanov, N. A. - Radar station commander. p. 42.
 Krasavin, I. N. - Determining the power of a nuclear explosion. p. 45.
 Korkin, V. P. - Our experience in the training of communication specialists. p. 47.
 Kovalev, V. I. - Emotional stability and the combat activity of an operator. p. 49.
 Rakhovskiy, V. T. - Persistently improve the learning process in schools of higher education. p. 53.
 Andreev, S. A. - Use radar station resources economically. p. 56.
 Krivchavskiy, N. I. - Sources of electric power on aircraft. p. 58.
 Silant'ev, V. A. - Evaluating reliability by oil consumption. p. 61.
 Zuev, V. M. - High frequency devices of radar stations. p. 64.
 Dubichvskiy, V. M. - Finishing off a panel. p. 69.
 Mkhchev, N. I. - Maintenance of selenium rectifiers. p. 71.
 Rozhkov, L. I. - Device for measuring duration of transients. p. 74.
 Rilyrin, M. A. - "Brake system of a truck train." p. 78.
 Zhabin, V. A. - Automatic switching in of standby apparatus. p. 77.
 Tarasov, M. P., Orlov, E. I. - Module computers. p. 79.
 Afanas'ev, A. P. - The Far East in the aggressive plans of the Pentagon. p. 83.
 Lavrent'ev, V. V. - The United States is the organizer of intervention against Soviet Russia. p. 87.
 Sein, A. N. - Without regard for their lives. p. 91.

VISTI KOMBATANTA. VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and others. New York, no. 4(35), 1968.

VOENNYE ZNANIYA [MILITARY KNOWLEDGE]. Issued by Vsesoyuznoye dobrovol'noye obshchestvo sodel'stviya armii, aviatatsii i floti [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 44, no. 7, July 1968.

- Table of contents translated:
 Egorov, G. M. - Watch on the seas and oceans. p. 1.
 Geiman, A. - A notable, critical battle. p. 4.
 Korolev, D. - Sailors of a landing ship. p. 6.
 From the heroic annals of the Soviet Navy. p. 7.
 Ushakov, A. P. - Under the flag of the motherland. p. 8.
 Petukhov, D. - Signalmen at work. p. 10.
 Banastak, Z. - Sonny. p. 10.
 Krechtnikov, N. - Komsomol activity in a bearing plant. p. 12.
 Iablombakht, V. - Methods are correct. p. 14.
 Bereitenko, N. - The exhibit attracted attention. p. 16.
 Fan'ian, D. - Competition is extended. p. 16.
 Zaporozhchenko, K. - Party groups are working. p. 18.
 Isaakian, G. - Taking experience into consideration. p. 20.
 Naruts, V. - An hour a week. p. 21.
 Borodol, K. - Emergency evacuation routes and passages. p. 23.
 Il'in, V. - Simple and effective. p. 24.
 Nebolsin, A., Bachinin, S. - Maintain order along evacuation routes. p. 28.
 Grinevskiy, V. - A soldier's day. p. 28.
 Blinikov, I. - From a small caliber rifle... suggests

- ideas for an instructor in shooting. p. 30.
 Filipchuk, V. - Odessa at war. p. 32.
 Nekrasov, T. - The good name of a soldier. p. 33.
 Nazhavin, M. - Army seasoning for the young. p. 34.
 Vasil'yev, P. - Organizational work decides. p. 36.
 Mel'nikenko, V. - The club is on the right path. p. 37.
 Makimov, V. - Learning upon the active members. p. 38.
 Solov'ev, T., Hrechuk, S. - Design of a sport rifle. p. 39.
 Esel'gen, I. - Withstanding the wind... p. 40.
 Bogdanov, N. - Bullfighters. p. 42.
 Novichenko, I., Kolguskin, A. - Armament of the aggressor. p. 42.
 Tyurin, N. - Who will continue the exploit? p. 44.
 Razvodovskiy, V. - Before swimming in the ocean, know this by heart! p. 44.
 Gliner, B. - Tourist watermarks. p. 46.
 Lokashkov, R. - Installation and adjustment of spar, rigging and sails on a boat. p. 47.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstva obrony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 40, no. 9, Sep. 1968.

b. NAVAL SCIENCE

KATERA I LAKHTY [MOTORBOATS AND SAILBOATS]. Leningrad, no. 13, 1968.

LENINGRAD. INSTITUT VODNOGO TRANSPORTA. Trudy [INSTITUTE OF WATER TRANSPORTATION. Transactions]. No. 65, 1967, Engineering graphics.

- Table of contents translated:
 Merzon, I. D., Aleksey, I. S. - Using programmed instruction in the independent work of students. p. 3.
 Kulachkov, V. I., Merzon, I. D. - Artistic design in river transportation. p. 13.
 Merzon, I. D. - Using blueprints for the input of initial information to machine tools with programmed control. p. 19.
 Aleksey, I. S. - Efficient layout of hull and instrument housings of steel material. p. 24.
 Feldman, E. M. - Calculation and design of an elastic spar. p. 30.
 Aleksey, I. S. - Selecting the optimum variant for the distribution of a screw surface between two cylindrical ones. p. 46.

No. 104, 1967. Ports and hydraulic structures.

- Table of contents translated:
 Raev, V. A. - Reducing the height of wave oscillations in the downstream approach canal in Gorky Locks. p. 3.
 Galanov, V. V., Vasilevskiy, V. P. - Kinematical of flow in the area of gate guides and determining the coefficient of gate resistance. p. 10.
 Sadovenko, V. V. - Use of protective chains in the Zaporozhye Lock. p. 19.
 Zubrilov, S. P. - Theoretical reasons for the use of the ultrasonic method of activating cement paste. p. 33.

No. 105, 1967. Working in ship repairs and shipbuilding.

- Table of contents translated:
 Benua, F. F., Kallor, A. I. - Studying heat cycles in the heat-affected zone during slag welding with lamellar electrodes. p. 3.
 Kallor, A. I., Kimelevskaya, V. B. - Studying a plasma arc used for the build-up welding of an aluminum alloy. p. 9.
 Frumkin, S. R. - Powder wire for the mechanized working of low-carbon steel ship structures. p. 10.
 Dlokh, R. L. - Reconditioning damaged parts of ships on underwater welds. p. 24.
 Karlyshov, A. V., Frumkin, S. R. - Studying the weldability of 25Kd4G8T cavitation-resistant steel. p. 30.
 Kopelman, L. N. - Calculating conditions of welding and hard facing. p. 37.
 Gatoval, K. M. - Strip deformation during its heating with a flat, moving heat source. p. 45.
 Druk, M. V. - Studying the effect of joints made by ultrasonic welding as applicable to ship structures. p. 64.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISLEDOVATELSKIY INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. Vol. 12, no. 88, 1967, Economics and operation of the merchant marine.

- Table of contents translated:
 Panfil, A. A. - System of basic indices for planning and evaluating the work of the merchant marine. p. 3.
 Novikov, O. A. - Payment for production funds of marine transportation enterprises. p. 22.
 Starovitsov, N. I. - Analysis of the profitability of merchant marine operations. p. 45.
 Kogan, T. V. - Methods of determining the suitability of dry cargo ships for loading operations. p. 55.
 Khalt, A. I. - Determining calendar dates for the docking of ships for repair in the compilation of graphs. p. 64.
 Koroblov, V. I. - Basic physicochemical properties of zinc and lead concentrates and conditions for their transportation by sea. p. 71.

- Korshkov, A. G., Gorelykh, P. P. - Different conditions on the ground without a ship during the transportation by sea. p. 75.
 Ivanov, I. M. - Studying the effect of different conditions on the quality of vegetable oil. p. 82.
 Tikhonov, G. I. - Studying the regularities of cargo performance on the stand with loading of a ship. p. 97.

Vol. 13, no. 81, 1967. Economics and operation of the merchant marine.

- Table of contents translated:
 Nefedov, O. A., Panfil, A. A. - Profitability of basic trends of development of the merchant marine and operation of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of merchant marine. p. 1.
 Nefedov, O. A. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.
 Grech, V. I. - Methods of determining the efficiency of the merchant marine. p. 1.

MORSKOI SIKHNIK [MARINE SCIENCE]. Zhurnal Voenno-Morskoy Akademii SSSR [NAVAL REVIEW; Magazine of the Navy]. Moscow, vol. 50(20), no. 10, Oct. 1967.

- Table of contents translated:
 Gorshkov, S. G. - Charting the prospects of the Great Okeanos. p. 3.
 Mikhal'tsin, V. V., Bakhayants, I. A. - Full-scale "Avraha". p. 10.
 Anol'tin, N. N., Zakharov, M. N. - Island of the Far East sea frontiers. p. 21.
 Lohov, S. M., Strav, P. A. - In the heart of the sea. p. 31.
 Charulin, S. K., Radnov, I. B. - Tunneling the sea borders of the motherland. p. 33.
 Chornobut, O. K., Burdachov, P. B. - Naval traditions. p. 46.
 Batkov, I. I., Koltakov, N. M. - Marine research and combat glory. p. 49.
 Chernobutov, V. B. - Rhythmicity in the sea. p. 52.
 Khar'itov, S. M. - Scientific progress and development of the navy. p. 55.
 Pavlov, S. P. - The Communist and the Navy. p. 57.
 Nostromov, I. A. V. - At the Waterfront Congress. p. 67.
 Egorov, V. V. - Patriotic rites in the navy. p. 68.
 Dzhozinskiy, V. I. - Great glory to our sea heroes of the Revolution! p. 71.
 Mikhailovskiy, N. - Time the victory began. p. 79.
 Itakov, V. I. - In air battles. p. 81.
 Sorokin, A. I. - Under the flag of the motherland. p. 88.
 Imprinted moments; the navy in Soviet art and years. p. 89.

Vol. 51(21), no. 4, Apr. 1968.

- Table of contents translated:
 Vorkonov, A. M. - Lenin's analysis of imperialism and modern times. p. 3.
 Rykhovskiy, I. A. - By order of V. I. Lenin. p. 13.
 On the 60th anniversary of the sea. p. 15.
 In the Navy's political direction. p. 17.
 On ships, in naval units and divisions; from the of our correspondents. p. 18.
 Anniversary of a periodical. p. 22.
 Lifshits, A. I. - Quantitative evaluation of... p. 23.
 Sigal, D. S. - Improve the organization of... p. 30.
 Pavlovskiy, A. I. - Strive persistently for... in flying. p. 33.
 Balashev, A. F., Anshuev, V. I. - Moral and logical training of aviators. p. 36.
 Gavrilov, I. E., Ankin, A. M. - Contrasting... at sea by aviation. p. 40.
 Nikolai, V. G. - Analyzing the precision of... evaluating the work of a navigator. p. 43.
 Simkin, I. M. - Putting an officer's work day... p. 44.
 Antonovskiy, V. I. A., Aleksoyev, D. I. - From... in navigation and seamanship. p. 48.
 Malyshev, A. F. - A friendly visit to Yugoslavia. p. 50.
 Tarasjuk, I. U. F. - Surfacing of submarines to... p. 62.

...sev, V. S., Chernov, E. A., Lyzev, M. I. - ...
 ...m experience in maintenance. p. 67.
 ...in, V. A. - Effect of increased temperature
 ...humidity on the operation of a ship's electrical
 ...tem. p. 70.
 ...world of science and technology. p. 73.
 ...alla, P. D., Tarikanov, I. K. - Eleventh annual
 ...eting of the Soviet Association of International
 ...v. p. 78.
 ...hundred years ago in "Morskoi sbornik."
 ...6.
 ...ev, A. I. - Problems of man's penetration into
 ...depths of the ocean, impressions of a trip to
 ...nce. p. 78.
 ...COSUDARSTVENNYI PROEKTNO-KONSTRUK-
 ...II NAUCHNO-ISLEDOVATELSKII INSTITUT
 ...OGO TRANSPORTA. Trudy [STATE DESIGN
 ...SCIENTIFIC RESEARCH INSTITUTE OF MA-
 ...TRANSPORTATION. Transactions], No. 16(22),
 ...Economics and operation of the merchant marine;
 ...mercial operation.
 ...IO of contents translated:
 ...skii, I. I. - Factors of price determination and
 ...separation rates. p. 4.
 ...V. G. - Establishing a lumber freight scale.
 ...i.
 ...G. A. - Analysis of shipping lines of Japan.
 ...i.
 ...V. G. - Certain economic principles of dovel-
 ...standard agreements for sea transportation.
 ...i.
 ...A. I., Gromovoi, E. P. - Methods of calcula-
 ...also charter standards for cargo handling opera-
 ...in foreign ports. p. 83.
 ...ova, I. G. - Price determination on the world
 ...ght market of tramp tonnage. p. 91.
 ...nik, I. A. - Document turnover in container
 ...portation. p. 102.
 ...1967. Materials of the Second Conference
 ...Scientists.
 ...IO of contents translated:
 ...ov, A. A. - Cost of seagoing dry cargo freighters
 ...estimate of the main items of operational
 ...and losses. p. 4.
 ...ko, V. N. - Organizing the transshipment of
 ...t cargoes in Danube harbors of the Ministry
 ...Merchant Marine. p. 10.
 ...n, N. M. - Efficient transportation communica-
 ...of Sakhalin Island with the mainland.
 ...i.
 ...ov, A. A. - Calculation of net capacity and
 ...tional speed of seagoing dry cargo freighters
 ...different lines. p. 14.
 ...ita, A. V. - Use of bridge-cable cranes in
 ...ports. p. 10.
 ...v, I. V. - Efficiency of repairing ships without
 ...ing them out of operation. p. 22.
 ...nikova, A. A. - Analysis of indices of me-
 ...tation in ship repairs. p. 27.
 ...ov, V. V. - Establishing prices for ship repairs.
 ...2.
 ...skii, G. V. - Quality of operation and periodicity
 ...pairs of ships built in series. p. 37.
 ...v, I. V. - Distributing the volume of repairs
 ...made without taking the ships out of opera-
 ...p. 38.
 ...V. M. - Comparing technical and economic
 ...es of different types of ship-lifting structures.
 ...i.
 ...V. A. - Testing plastic products during
 ...repairs. p. 44.

Bespalov, N. K. - Time consuming manufacture
 of hydraulic burners in ship repair enterprises.
 p. 45.
 Kozlovskii, A. I. - Using enamel coatings for the
 protection of marine piping. p. 50.
 Nesov, G. I. - Chemical cleaning and phosphate coat-
 ing of steel in conditions of ship repair plants.
 p. 51.
 Sorokin, E. V. - Possibility of using sources of
 infrared rays in ship repair plants. p. 54.
 Brodskaya, I. M. - Calculating expenditures for the
 control of water area pollution. p. 56.
 Shvarisman, D. A., Mazurenko, L. V. - Calculating
 grillage frames on elastically yielding and
 elastically rotating supports. p. 59.
 Nikolskiy, V. I. - Calculating structures made of large
 diameter shells for the effect of asymmetric
 loads. p. 68.
 Gal'ko, S. E. - Relation between external and internal
 forces during the pure flexure of nonlinear elastic
 rods. p. 68.
 Mazurenko, L. V., Shvarisman, D. A. - Calculating
 the in-the-ground flexure of piles loaded by a
 horizontal force and moment. p. 72.
 Pal'chinskii, O. V. - Using polymers for the joints of
 prestressed reinforced concrete elements. p. 76.
 Dublov, V. M. - Using the method of refracted waves
 in the acoustic testing of marine hydraulic engineer-
 ing structures. p. 81.
 Zelenskii, V. S. - Results of the laboratory investiga-
 tion of an angle profile embankment with inclined
 anchors. p. 84.
 Feldman, I. A. - Investigating the deformed state
 of structure foundations. p. 90.
 Kostukov, V. D. - Possibility of reducing the length
 of anchor guys on wharves with external anchor
 arrangements. p. 93.
 Kovin, V. V. - Experimental investigation of sand
 strength in conditions of plane deformation.
 p. 95.
 Zelenskii, V. S. - Investigating transverse loads on
 anchors of angle profile wharf embankment.
 p. 98.
 Ambartsum, O. A. - Selecting the length of anchor guys
 in the design of wharf structures. p. 102.
 Avramchuk, S. A. - Reinforcing the slope stability
 of the H'ichevsk Harbor excavation. p. 104.
 Steisluk, V. A. - Observations of the deformation of
 structures made of concrete blocks on a com-
 pressible foundation bed. p. 107.
 Kobets, A. S. - Film coating and increasing the
 durability of structures. p. 112.
 Shil'nikov, V. V. - Polymer materials in hydraulic
 engineering structures. p. 114.
 Tiurin, A. P. - Pressure of standing waves of limit
 amplitude on a vertical wall. p. 118.
 Podmogil'nyi, I. A. - Kinematic structure of a uni-
 directional flow. p. 122.
 Gorashchenko, Z. A. - Interaction between waves and
 a vertical wall during oblique approach. p. 126.
 Bulachok, V. V. - Investigation of a floating break-
 water. p. 130.
 Mielin, A. V. - Calculating the slope stability of
 breakwater III structures. p. 133.
 Khoshnichenko, V. G. - Effect of spoil dumping and
 dredging methods on the lifting of gals. p. 135.
 Nosov, N. I. - Investigating the dragging earth pipe on a
 self-discharging suction dredge of the type
 "Bailliskoe More." p. 139.

No. 10(25), 1968. Instrumentation for the investigation of
 hydraulic port structures.
 Table of contents translated:
 Kuznetsov, A. I., Kheifits, V. Z., Arat, G. A. -

Instrumentation in the investigation of marine
 hydraulic structures. p. 4.
 Dolinskii, A. A., Bedrizov, N. I., Kiuru, T. V. -
 Low-resistance, high-capacity wire transformer.
 p. 5.
 Dolinskii, A. A., Bedrizov, N. I., Kiuru, T. V. -
 Instrumentation for transducers with low-resistance
 transformers. p. 12.
 Dolinskii, A. A., Kuvshinov, S. N. - Flat strain gauge
 with high capacity transformers. p. 16.
 Dolinskii, A. A., Pastukhov, I. I., Bedrizov, N. I. -
 Prestressed cylindrical strain gauge. p. 20.
 Dolinskii, A. A., Bedrizov, N. I., Sherinikov, V. F. -
 Transducer of the control of reinforcement
 tensioning. p. 22.
 Shparberg, B. I. - Transmitters for the measurement
 of forces in cushioning bars against ship bumping.
 p. 24.
 Bedrizov, N. I., Pastukhov, I. I., Andreev, V. V. -
 Equipment for the manufacture, calibrating and
 testing of transducers with low-resistance trans-
 formers. p. 31.
 Shaliger, E. V., Krivosova, E. N. - Sensing elements
 with wound tensiometric transformers. p. 34.
 Krivosova, E. N., and others. - Remote acting
 dynamometer for the measurement of mooring
 forces. p. 41.
 Arat, G. A., Kheifits, V. Z. - Metrology of contact
 ground pressure. p. 43.
 Arat, G. A. - Construction and design of inductive
 transformers with solid magnetic circuits and a
 variable air gap. p. 58.
 Arat, G. A., Evstigneev, V. I., Kheifits, V. Z. -
 Transducer of tangential soil stresses on the basis
 of a two-component dynamometer. p. 67.
 Severov, A. P. - Measuring possibilities of string
 transformers. p. 71.
 Kheifits, V. Z. - Increasing the resolving power of
 measuring transformers. p. 75.
 Tishkin, I. B. - Relation between wave elements and
 level fluctuations in a mareograph. p. 78.
 Kheifits, V. Z., Samarin, V. G. - Effect of the rigidity
 of a wave pressure transducer on measurement
 errors. p. 80.
 Shparberg, B. I. - Transducers for the measurement
 of hydrostatic and hydrodynamic pressures. p. 85.
 Dolinskii, A. A. - Equipment for determining the
 resistance of foundation bed soil at the lateral
 surface of piles and in the plane of their lower
 ends. p. 94.
 Marchenko, A. S. - Laboratory blade equipment for
 determining the shear resistance of clay soils.
 p. 98.
 Kostukov, V. D., Leskov, B. V., Shkola, A. V. -
 Calibration of a GGP-1 gamma-densimeter.
 p. 101.
 Marchenko, A. S., Petrov, I. U. A. - Experimental
 determination of the coefficient during the radial
 percolation of interstitial water. p. 103.
 Levin, A. S., Mirandov, V. L. - Independent source of
 elastic vibrations. p. 108.
 Levin, A. S., Mirandov, V. L. - Universal regulator
 with transverse recording. p. 113.
 Levin, A. S., Mirandov, V. L. - Resonance measure-
 ments of the rate of elastic wave propagation in
 unconsolidated soils. p. 115.
 Buslov, V. M. - Piezoelectric transducers for pulse
 testing of reinforced concrete elements. p. 123.
 Noytkov, A. F. - Measuring and plotting the elastic
 line of sheet pile walls. p. 128.

List of Periodicals Indexed and Abbreviations Used

Antibiotiki (14f)	Antibiotiki [Antibiotics]	Ekonom. i mat. metod. (5b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]
Arm. khim. zhur. (13d)	Armenianskii khimicheskii zhurnal [Armenian Chemical Journal]	Ekonom. Rad. Ukr. (5b)	Ekonomika Radnits'koi Ukrainy [Economics and the Soviet Ukraine]
Astron. vest. (13b)	Astronomicheskii vestnik [Astronomical Review]	Ekonom. sel'khoz. (5b)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Av. i kosm. (16b)	Aviatsiia i kosmonavtika [Aviation and Astronautics]	Elek. sta. (16a)	Elektricheskie stantsii [Electric Power Stations]
Avi. dor. (16d)	Avtomobil'nye dorogi [Highways]	Elektricheskoe (16a)	Elektricheskoe [Electricity]
Avi. prom. (16g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Elektrikhimia (16d)	Elektrikhiia [Electrochemistry]
Avi. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Energ. stroit. za rub. (16a)	Energotekhnicheskoe stroitel'stvo za rubezhom; pribliuzhenie k stroitel'stvo v stranakh i vostochnykh stranakh [Electric Power Construction in Foreign Countries; Supplement to the Periodical "Electric Power Construction"]
Avtom. i telem. (16c)	Avtomatika i telemekhanika [Automatic and Remote Control]	Energostik (16a)	Energostik [Electric Power Technician]
Avtom. svar. (16f)	Akademii nauk URSR, Kiev. Institut elektrosvarivaniia. Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding, Automatic Welding]	Energokhoz. za rub. (16a)	Energokhoziaistvo za rubezhom; pribliuzhenie k stroitel'stvo v stranakh i vostochnykh stranakh [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Avi. me. (16e)	Aviometria [Aerometry]	Farmatsiev. (14c)	Farmatsievychnyi zhurnal [Pharmaceutical Journal]
Az. i Afr. segod. (14)	Azila i Afrika segodnia [Asia and Africa Today]	Farmatsiia (14c)	Farmatsiia [Pharmacy]
Azerb. neft. khoz. (16h)	Azerbaidzhanское neftianoe khoziaistvo [Azerbaijan Petroleum Industry]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
DIKI [Prilozh.] (5a)	Biulleten' Inostrannoi kommerscheskoi informatsii; prilozhenie [Bulletin of Foreign Commercial Information; Supplement]	Fiz. i khim. obr. mal. (16c)	Fizika i khimicheskii materialy [Physics and Chemistry of Materials Processing]
Bet. i zhel. bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]	Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Bibliot. - bibl. inform. (2a)	Akademii nauk SSSR, Sektor vseh spetsialnykh informatsii. Bibliotечно-bibliograficheskaya informatsiia [Academy of Sciences of the U.S.S.R. Sector of Special Libraries, Library and Bibliographical Information]	Geod. i kart. (16a)	Geografiia i kartografiia [Geology and Cartography]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Geofiz. sbor. (13c)	Akademii nauk URSR, Kiev. Nauchnoissledovatel'skii sbor. [Academy of Sciences of the Ukrainian S.S.R. Scientific Papers]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]	Geokhimiia (12c)	Geokhimiia [Geochemistry]
Biul. MOIP. Old. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin, Biological Section]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]	Gidr. stroit. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Biul. Varkh. Suda RSFSR (8)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]	Gidrobiol. zhur. (13c)	Gidrobiologicheskii zhurnal [Hydrobiological Journal]
Bot. i Issl. Bot. old. VBO (13c)	Vegetatsionnoe botanicheskoe obshchestvo. Belorusskoe otdelenie. Botanika; Issledovaniia [All-Union Botanical Society. White Russian Branch. Botany; Research. Papers]	Gidrodin. bol's. skor. (16g)	Gidrodinamicheskoe bol'shikh skorostei [Hydrodynamics of High Velocities]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]	Oldroliz. i isos. khim. prom. (16c)	Gidrolizatsiia i isoskhimicheskaya promyshlennost' [Hydrolysis and Wool Chemistry Industry]
Den. i kred. (15c)	Den'gi i kredit [Money and Credit]	Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
Dif. urav. (13c)	Differentsial'nye uravneniia [Differential Equations]	Inform. biol. nov. inostr. kalg. postup. v Bibl. im. V. I. Len. Ser. 1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi sbor. novykh inostrannykh knig, postupaivshikh v Bibl. im. V. I. Lenina. Seria 1. Fiziko-matematicheskie i khimicheskii nauki; sbor. o znanii i tekhnike i tekhnicheskii nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1. Physical, Mathematical, and Chemical Sciences and Technology and Technological Sciences]
Dokl. AN Arm. SSR (13a)	Akademii nauk Armianskoi SSR, Eriuan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]	Inform. biol. nov. inostr. kalg. postup. v Bibl. im. V. I. Len. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi sbor. novykh inostrannykh knig, postupaivshikh v Bibl. im. V. I. Lenina. Seria 3. Obshchestvennye nauki i tekhnika [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3. Social Sciences and Technology, Arts]
Dokl. AN BSSR (13a)	Akademii nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]	Inform. o bibliot. dolo i bibl. za rub. (2b)	Informatsiia o bibliotekakh dolo i bibliografiia za rubezhom; sbor. materialov [Information about Libraries and Bibliography Abroad; Materials]
Dokl. AN SSSR (13a)	Akademii nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]	Inform. ukaz. bibl. spets. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spisokov knizhok, sostavlenykh bibliotekami SSSR i stranami vostochnykh stran [Information Index of Bibliographical Lists and Files. Compiled by the Libraries of the Soviet Union and Eastern Countries]
Dokl. AN Tadzh. SSR (1a)	Akademii nauk Tadzhikskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]	Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Dokl. Inst. geog. Sib. i Dal'. Vost. (12b)	Akademii nauk SSSR, Sibirskoe otdelenie. Institut geografii Sibiri i Dal'nego Vostoka. Doklady [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of the Geography of Siberia and the Far East. Reports]	Issl. fauny mor. (13c)	Issledovaniia fauny mori [Explorations of the Fauna of the Seas]
Dop. AN URSR. Ser. A (13a)	Akademii nauk URSR, Kiev. Dopovidy. Seria A: Fiziko-tekhnicheskii ta matematicheskii nauki [Academy of Sciences of the Ukrainian S.S.R. Reports. Series A: Physical, Technological, and Mathematical Sciences]		
Dop. AN URSR. Ser. B (13a)	Akademii nauk URSR, Kiev. Dopovidy. Seria B: Geologiya, geofizika, khimicheskii ta biologiya [Academy of Sciences of the Ukrainian S.S.R. Reports. Series B: Geology, Geophysics, Chemistry, and Biology]		
Doshk. vosp. (8a)	Doshki'noe vospitanie [Preschool Education]		

- Izv. AN Azorb. SSR, Ser. fiz.-tekh. i nat. nauk (1a)

Izv. AN Azorb. SSR, Ser. nauk o zem. (12c)

Izv. AN Kazakh. SSR, Ser. fiz.-mat. (13f)

Izv. AN Kazakh. SSR, Ser. geol. (12c)

Izv. AN Kazakh. SSR, Ser. khim. (13d)

Izv. AN SSSR. Fiz. atm. i okeana (13i)

Izv. AN SSSR. Ser. fiz. (13j)

Izv. AN SSSR. Ser. gool. (12c)

Izv. AN SSSR. Ser. khim. (13d)

Izv. AN Turk. SSR, Ser. biol. nauk (13a)

Izv. AN Uz. SSR. Ser. fiz.-mat. nauk (13i)

Izv. DOI (10h)

Izv. GAO (13b)

Izv. SO AN SSSR. Ser. khim. nauk (13h)

Izv. Uzbek. geog. ob-vn (12b)

Izv. VNIIO (10d)

Izv. vys. uchob. zav.; Chern. mol. (16h)

Izv. vys. uchob. zav.; onorg. (10e)

Izv. vys. uchob. zav.; gool. i razv. (10h)

Izv. vys. uchob. zav.; khim. i khim. tekhn. (13d)

Izv. vys. uchob. zav.; noll' i gaz (10h)

Izv. vys. uchob. zav.; pishch. i lekhn. (18c)

Izv. vys. uchob. zav.; prav. (7)

Izv. vys. uchob. zav.; prib. (18g)

Akademiya nauk Azerbaidzhanской SSR, Baku, Izvestiya, Seriya fiziko-tekhnicheskikh i matematicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R., Bulletin, Series in the Physical, Technological, and Mathematical Sciences]

Akademiya nauk Azerbaidzhanской SSR, Baku, Izvestiya, Seriya nauk o zemle [Academy of Sciences of the Azerbaijan S.S.R., Bulletin, Series of the Earth Sciences]

Akademiya nauk Kazakhskoy SSR, Alma-Ata, Izvestiya, Seriya fiziko-matematicheskaya [Academy of Sciences of the Kazakh S.S.R., Bulletin, Physico-Mathematical Series]

Akademiya nauk Kazakhskoy SSR, Alma-Ata, Izvestiya, Seriya geologicheskaya [Academy of Sciences of the Kazakh S.S.R., Bulletin, Geological Series]

Akademiya nauk Kirgizskoy SSR, Alma-Ata, Izvestiya, Seriya khimicheskaya [Academy of Sciences of the Kirgiz S.S.R., Bulletin, Chemical Series]

Akademiya nauk SSSR, Izvestiya, Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R., Bulletin, Atmospheric and Oceanic Physics]

Akademiya nauk SSSR, Izvestiya, Seriya fizicheskaya [Academy of Sciences of the U.S.S.R., Bulletin, Physical Series]

Akademiya nauk SSSR, Izvestiya, Seriya geologicheskaya [Academy of Sciences of the U.S.S.R., Bulletin, Geological Series]

Akademiya nauk SSSR, Izvestiya, Seriya khimicheskaya [Academy of Sciences of the U.S.S.R., Bulletin, Chemical Series]

Akademiya nauk Turkmenskoy SSR, Ashkhabad, Izvestiya, Seriya biologicheskaya [Academy of Sciences of the Turkmen S.S.R., Bulletin, Series in the Biological Sciences]

Akademiya nauk Uzbekskoy SSR, Tashkent, Izvestiya, Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R., Bulletin, Series in the Physical and Mathematical Sciences]

Dnepropetrovsk, Dnepropetrovskiy gornyy institut, Izvestiya [Dnepropetrovsk Mining Institute, Bulletin]

Pulkovo, Glavnaya astronomicheskaya observatoriya, Izvestiya [Main Astronomical Observatory, Bulletin]

Akademiya nauk SSSR, Sibirskoe otделение, Izvestiya, Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R., Siberian Department, Bulletin, Series in the Chemical Sciences]

Uzbekistanskoe geograficheskoe obshchestvo, Izvestiya [Uzbekistan Geographic Society, Bulletin]

Leningrad, Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki, Izvestiya [All-Union Scientific Research Institute of Hydraulic Engineering, Bulletin]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i chernolozhnykh zavodov [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Furrows Metallurgy]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i onorgolika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Power Engineering]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i geologia i razvedka [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Geology and Prospecting]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i noll' i gaz [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Petroleum and Gas]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i pishchevaya tekhnologiya [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Food Technology]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i pravovedeniye [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Jurisprudence]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i priborostroyeniye [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Instrument Manufacture]

Izv. vys. uchob. zav.; radiotekhn. (13i)

Izv. vys. uchob. zav.; tekhn. i leg. prom. (16f)

Izv. vys. uchob. zav.; tekhn. i tekst. prom. (16i)

Izm. tekhn. (18a)

Izobr., prom. obraz., izv. znaki (16a)

Khim. i lekhn. topl. i masel (18c)

Khim. i tekhn. (13d)

Khim. i ver. topl. (13d)

Khim. v sel'. khoz. (16a)

Khirurgiya (14h)

Khlob. i kond. prom. (18f)

Khol. tekhn. (16c)

Kin. i kal. (13d)

Kalzib. lot. (2a)

Koll. zhur. (13d)

Komm. Vooruzh. Sil (17n)

Kommunist (16)

Kons. i ov. prom. (16c)

Kozh. - obuv. prom. (16f)

Krai. sob. BKNII (1a)

Lok. prom. (16f)

Let. i avtom. (2a)

Let. zhur. st. (2a)

Lit. gaz. st. (2n)

Lit. zhur. st. (2a)

Mashinostroyitel' (18g)

Mash. - zbir. prom. (16c)

Mat. po min. Kola polusost. (12c)

Mat. sbor. (13a)

Mat. - tekhn. snabzh. (5b)

Med. rad. (14a)

Med. rel. zb. (14a)

Mekh. i avtom. proizv. (18g)

Mekh. stroit. (16d)

Metalloved. i form. obr. (16h)

Meteor. i gidrol. (13i)

Mezhdunar. zhizna' (8)

Mias. ind. SSSR (16i)

Min. sbor. (12c)

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i radiotekhnika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Radio Physics]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i tekhnologiya legkoj promyshlennosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Technology of Light Industry]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya, Izvestiya vysshikh uchebnykh zavodov i tekhnologiya topliv i masel [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Technology of the Fuel Industry]

Izmeritel'naya tekhnika [Measurement Techniques]

Izobreteniya, promyshlennyye obraztsy, izumnyye znaki [Inventions, Industrial Samples, Trademarks]

Khimiya i tekhnologiya topliv i masel [Chemistry and Technology of Fuel and Oil]

Khimicheskaya literatura i statisticheskiye zhurnaly [Chemical Literature; Statistical Journals]

Khimiya tverdogo topliva [Chemistry of Solid Fuel]

Khimiya v sel'skom khoziaistve [Chemistry in Agriculture]

Khirurgiya [Surgery]

Khitlopokarnaya i konditserskaya promyshlennost' [Baking and Confectionary Industry]

Khoziystvennaya tekhnika [Household Engineering]

Kinetika i kataliz [Kinetics and Catalysis]

Krizhannaya ispiyat' [Book Chronicle]

Kolloidnyi zhurnal [Colloid Journal]

Kommunist Vooruzhenykh Sil [Communist of the Armed Forces]

Kommunist [Communist]

Konservirovaniye i osvoshcheniye vysshikh promyshlennost' [The Canning and Dehydrated Vegetable Industry]

Kuzhovo-obuvnaya promyshlennost' [Leather and Footwear Industry]

Ulan-Ude, Buriat'skiy kompleksniy nauchno-issledovatel'skiy institut, Kratkoe soobshcheniye [Buryat Scientific Research Institute, Brief report]

Lohka promyslovat' [Light Industry]

Lotopis' gazetnykh sluitel' [Chronicle of Newspaper Articles]

Lotopis' zhurnal'nykh sluitel' [Chronicle of Periodical Articles]

Litopys gazetnykh sluitel' [Chronicle of Newspaper Articles]

Litopys zhurnal'nykh sluitel' [Chronicle of Periodical Articles]

Mashinostroyitel' [Machine Builder]

Maslo-zblinovaya promyshlennost' [Oil and Fat Industry]

Materialy po mineralologii Kola'skogo poluosostrova [Materials on the Mineralogy of the Kola Peninsula]

Matematicheskii sbornik [Mathematical Review]

Material'no-tekhnicheskoe snabzheniye [Supply of Materials and Equipment]

Meditsinskaya radiologiya [Medical Radiology]

Meditsinskii referativnyi zhurnal [Medical Abstracts]

Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]

Mekhanizatsiya stroitel'stva [Mechanization of Construction]

Nauchno-tekhnicheskoe obshchestvo mashinostroyitel'noi promyshlennosti. Sektsiya metallovedeniya i termicheskoi obrabotki, Metallovedeniye i termicheskaya obrabotka [Scientific Technological Society of the Machinery Industry, Section of Physical Metallurgy and Heat Treatment. Metals and Heat Treatment]

Meteorologiya i gidrologiya [Meteorology and Hydrology]

Mezhdunarodnaya zhizna' [International Life]

Miasnaya industriya SSSR [Meat Industry of the U.S.S.R.]

Mineralogicheskiy sbornik [Mineralogical Review]

Mir, ekon. i mezhdunar. otn. (5b)	Mirova ekonomika i mezhdunarodnye otnosheniya [World Economics and International Relations]	Nov. sov. lit. po ist. i arkheol. i etn. (3a)	Novaya sovetskaya literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Mont. i spetsial. rab. v stroit. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]	Nov. sov. lit. po lit. (11b)	Novaya sovetskaya literatura po literaturnoi teorii i na Soviet Literature on the Study of Literature]
Morsk. stor. (17b)	Morskoi sbornik; zhurnal Voenno-Morskogo Flota SSSR [Naval Review; Magazine of the Soviet Navy]	Nov. vrem. (8)	Novoe vremia [New Times]
NTI, Ser. 1 (16a)	Nauchno-tekhnicheskaya informatsiya. Seriya 1: Organizatsiya i metodika informatsionnoi raboty [Scientific and Technical Information. Series 1: Organization and Methodology of Information Work]	Ogneupory (16h)	Ognupory [Refractories]
NFI, Ser. 2 (16a)	Moscow. Vsesoyuznyi institut nauchnoi i tekhnicheskoi in- formatsii. Nauchno-tekhnicheskaya informatsiya. Seriya 2: Informatsionnye protsessy i sistemy [All-Union Institute of Scientific and Technical Information. Scientific and Technical Information. Series 2: Information Processes and Systems]	Opt. i spektir. (13f)	Optika i spektroskopiya [Optics and Spectroscopy]
Nauch. soob. NII Tsementa (16d)	Moscow. Gosudarstvennyi vsesoyuznyi nauchno- issledovatel'skii institut tsementoi promyshlennosti. Nauchnye soobshcheniya [State All-Union Scientific Research Institute of the Cement Industry. Scientific Reports]	Osn., fund. i mekh. grun. (16d)	Osnovaniya, fundamente i mekhanika grunтов [Foundations and Soil Mechanics]
Nauch. trudy DMI (16h)	Dnepropetrovsk. Metallurgicheskii institut. Nauchnye trudy [Metallurgical Institute. Studies]	Paraz. zhiv. i rast. (13c)	Parazitny zhivotnykh i rastenii [Parasites of Animals and Plants]
Nauch. trudy OMIT (16g)	Omsk. Institut inzhenerov zheleznodorozhnogo transporta. Nauchnye trudy [Institute of Engineers of Railroad Trans- portation. Studies]	Part. zhizn' (8)	Partiynaya zhizn' [Party Life]
Neft, khoz. (16h)	Neftianoe khozaystvo [The Petroleum Industry]	Plan. knaz. (15b)	Plannaya khozyaystvo [Planned Economy]
Neftogaz. geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Plast. massy (16c)	Plasticheskiye massy [Plastics]
Neftokhimiya (16c)	Neftokhimiya [Petrochemistry]	Prib. i prib. upr. (16e)	Pribory i sistemy upravleniya [Instruments and Systems of Control]
Neftprom. delo (16h)	Neftpromyshlennoe delo [Petroleum Production]	Prir. obsh. i fauny proshl. (12c)	Prir. obsh. i fauny proshl. [The Nat- ural Environment and Fauna of the Past]
Neftnik (16h)	Neftnik [The Petroleum Worker]	Prir. (13a)	Prir. [Nature]
Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]	Probl. gemat. i perel. krovi (14c)	Problemy gematologii i perekrivaniya krovi [Problems of Hematology and Blood Transfusion]
Nov. inostr. lit. po filoz. (3a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]	Probl. kib. (13a)	Problemy kibernetiki [Problems of Cybernetics]
Nov. inostr. lit. po lingv. (11a)	Novaya inostrannaya literatura po lingvistike [New For- eign Literature on Linguistics]	Probl. kosm. biol. (13c)	Problemy kosmicheskoi biologii [Problems of Cosmic Biology]
Nov. inostr. lit. po ist. i arkheol. i etn. (3a)	Novaya inostrannaya literatura po istorii, arkheologii i etno- grafii [New Foreign Literature on History, Archaeology, and Ethnography]	Probl. lub. (14a)	Problemy lubrikatsii [Problems of Lubrication]
Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniю [New Foreign Literature on the Study of Literature]	Prom. Arm. (16a)	Promyshlennost' Armeii [Industry of Armies]
Nov. knigi SSSR (2a)	Novyye knigi SSSR [New Books of the U.S.S.R.]	Prom. Bel. (16a)	Promyshlennost' Belorusii [Industry of White Russia]
Nov. knigi za rub. Sar B (16a)	Novyye knigi za rubezhom. Seriya B: Tekhnika [New Foreign Books. Series B: Technology]	Prom. energ. (16b)	Promyshlennaya energiya [Industrial Power]
Nov. knigi za rub. Sar V (2a)	Novyye knigi za rubezhom. Seriya V: Biologiya, meditsina, sel'skoe khozaystvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]	Prom. khim. reak- tsii osob. khim. veshch. (16c)	Promyshlennaya khimicheskaya reaktsiya i osob. khim. veshch. [Industry of Chemical Reactions and Sub- stances]
Nov. knigi za rub. po obshchestv. naukam (2a)	Novyye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnoше- niya [New Foreign Books on the Social Sciences, Eco- nomics, Philosophy, History, International Relations]	Radio (16e)	Radio
Nov. knigi USSR (2a)	Novyye knigi USSR [New Books of the Ukrainian S.S.R.]	Radioelektronika (16e)	Radioelektronika [Radio Engineering]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]	Razved. i okh. nedr. (16h)	Razvedka i okh. nedr. [Prospecting and Protection of Mineral Resources]
Nov. lit. po Bolg. (2a)	Novaya literatura po Bolgarii [New Literature on Bulgaria]	Ref. sbor. i Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Nov. lit. po Chekh. (2a)	Novaya literatura po Chexoslovakkii [New Litera- ture on Czechoslovakia]	Ref. zhur.: Avt. dor. (16d)	Referativnyi zhurnal: Avtomobil'nyye dorogi [Journal of Abstracts: Automobiles and Highways]
Nov. lit. po Ger. Dem. Resp. (2a)	Novaya literatura po Germanii [New Literature on the German Democratic Republic]	Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyye i gorodskoye transp- ort [Journal of Abstracts: Automobile and City Transpor- tation]
Nov. lit. po Ug. (2a)	Novaya literatura po Ugarskoi [New Literature on Yugo- slavia]	Ref. zhur.: Avtom. i vych. tekhn. (16e)	Referativnyi zhurnal: Avtomatika, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Auto- matic Control, Remote Control, and Computer Tech- nology]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Biol. klim. (13c)	Referativnyi zhurnal: Biologicheskaya khimiya i vypusk 30f [Journal of Abstracts: Biochemistry and Issue 30f]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Elektr. i ee prim. (16a)	Referativnyi zhurnal: Elektronika i ee primeneniye [Journal of Abstracts: Electronics and its applications]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Fiz.; Geofiz. (13f)	Referativnyi zhurnal: Fizika; Geofizika [Journal of Ab- stracts: Physics; Geophysics]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Fotokinet. (16g)	Referativnyi zhurnal: Fotokinetika (Otdel'nyi vypusk 62) [Journal of Abstracts: Photokinetics and Atomic Energy Equipment (Separate Issue 62)]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Geod. (13b)	Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 51) [Journal of Abstracts: Geodesy (Separate Issue 51)]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Nov. lit. po vost. evr. (2a)	Novaya literatura po vostochnym evropeiskim sotsialisticheskim stranam [New Literature on the General Problems of the European So- cialist Countries]	Ref. zhur.: Ist. i kosm. prom. (13b)	Referativnyi zhurnal: Issledovanie kosmicheskogo

ur.: Khim. (3d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]	Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Cutting Tools]
ur.: omun., i org. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoe i torgovoe oborudovanie (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]	Steklo i ker. (16c)	Steklo i keramika [Glass and Ceramics]
ur.: (16a)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]	Stroi. i arkhitekt. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
ur.: Mel. (16a)	Referativnyi zhurnal: Metallurgiya [Journal of Abstracts: Metallurgy]	Stroi. mal. (16d)	Stroitel'nye materialy [Building Materials]
ur.: Metr. i tekhn. (16a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Measurement and Measurement Techniques (Separate Issue 32)]	Stroi. mekh. i rasch. soor. (16d)	Stroitel'naya mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calcula- tions]
ur.: str. i rae- str. (g)	Referativnyi zhurnal: Nasosostroyeniye i kompressorostroyeniye (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]	Stroi. truboprov. (16d)	Stroitel'stvo truboprovodov [Pipeline Construction]
ur.: Nauch. i inform. (16a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 50) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 50)]	Sud. - med. eks- pert. (14a)	Sudebno-meditsinskaya ekspertiza [Forensic Medicine Expertise]
ur.: Obor. i prom. (16g)	Referativnyi zhurnal: Oborudovanie pishchevoy promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equip- ment of the Food Industry (Separate Issue 38)]	Svetotekhnika (16a)	Svetotekhnika [Illuminating Engineering]
ur.: v. i khim. (5a)	Referativnyi zhurnal: Pochvovedeniye i agrokhiimiya (Otdel'- nyi vypusk 57) [Journal of Abstracts: Soil Science and Agrichemistry (Separate Issue 57)]	Svod. biul. nov. inost. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriya A: Estestvennyye nauki, meditsina, sel'skoye khozaystvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U. S. S. R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
ur.: Prom. p. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]	Tekhn. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]
ur.: i str. (b)	Referativnyi zhurnal: Raketoostroyeniye (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]	Tekhn. i vooruzh. (17a)	Tekhnika i vooruzheniye [Technology and Armaments]
ur.: i nauch. (g)	Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 50) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 50)]	Tekhn. v sel'khoz. (15a)	Tekhnika v sel'skom khozaystve [Machinery in Agricul- ture]
ur.: Vop. prog. i rozv. v nauch. (g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii pr. izvodstva v mashin. stroit. (Otdel'nyy vypusk 35) [Journal of Abstracts: Problems of Tech- nological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]	Tekstil. prom. (161)	Tekstil'naya promyshlennost' [Textile Industry]
ur.: i transp. (16b)	Referativnyi zhurnal: Vozdukhnyy transport [Journal of Abstracts: Air Transportation]	Teor. i eksp. khim. (13d)	Teoreticheskaya i eksperimental'naya khimiya i teoretiches- kaya i eksperimental'naya khimiya [Theoretical and Experimental Chemistry]
om. (16c)	Sakharnaya promyshlennost' [Sugar Industry]	Teplotekhnika (16g)	Teplotekhnika [Heat Engineering]
uch. rab. i str. (16d)	Vladivostok. Dal'nnevostochnyy nauchno-issledovatel'skiy institut po stroitel'stву. Sbornik nauchnykh rabot [Far Eastern Scientific Research Institute for Construction, Papers]	Torfil. prom. (16h)	Torfil'naya promyshlennost' [Peat Industry]
uch. i trud. i str. (16h)	Sverdlovsk. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki. Sbornik nauchnykh trudov [All-Union Scientific Research Institute of Metallurgical Heat Balance Engineering. Papers]	Torg. za rub. (5a)	Torgovlya za rubezhom [Trade Abroad]
ud. (16g)	Chelyabinsk. Politehnicheskii institut. Sbornik trudov [Polytechnic Institute. Papers]	Trudy AN II (12b)	Leningrad. Arkhticheskii i antarkhticheskii nauchno- issledovatel'skiy institut. Trudy [Arctic and Antarctic Scientific Research Institute. Transactions]
ud. (16h)	Moscow. Tsentral'nyi nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik nauchnykh rabot [Central Scientific Research Institute of Ferrous Metallurgy. Papers]	Trudy AN Lit. SSR, Ser. B (1a)	Lituvos TSR Mokslu akademijs, Vilna. Darbai. Seriya B. Trudy Akademii nauk Litovskoy SSR. Seriya B. [Academy of Sciences of the Lithuanian S.S.R. Transactions, Series B]
oz. za rub. (16d)	Sel'skoye khozaystvo za rubezhom: Rasteniyevodstvo [Agricul- ture Abroad: Plant Culture]	Trudy DIT (16g)	Dnepropetrovsk. Institut inzhenerov zailznychnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
z. lit. (15a)	Sel'skoye khozaystvennaya literatura SSSR [Agricultural Literature of the U. S. S. R.]	Trudy Dnepr. inst. chern. met. (16h)	Dnepropetrovsk. Institut chernoy metallurgii. Trudy [In- stitute of Ferrous Metallurgy. Transactions]
ol. (16a)	Shvel'naya promyshlennost' [Clothing Industry]	Trudy Giprovodkhoz (16d)	Moscow. Vsesoyuznyy proektno-issledovatel'skiy i nauchno- issledovatel'skiy institut Giprovodkhoz. Trudy [All-Union Design and Scientific Research Institute of the Water Economy. Transactions]
ol. (16a)	Slavianskaya filologiya [Slavic Philology]	Trudy IOD (Sverd.) (16h)	Sverdlovsk. Institut gornogo dela. Trudy [Institute of Mining, Transactions]
ol. (16a)	Leningrad. Glavnaya geofizicheskaya observatoriya [Main Geophysical Observatory] Solar Radiation and Radiation Balance Data. Solnechnaya radia- tsiya i radiatsionnyy balans.	Trudy Inst. geol. i geofiz. Sib. oid. AN SSSR (12c)	Irkutsk. Politehnicheskii institut. Trudy [Polytechnic Institute. Transactions]
ol. (16a)	Akademii nauk Gruzinskoy SSR. Tbilisi. Soobshcheniya [Academy of Sciences of the Georgian S. S. R. Reports. Russian language edition]	Trudy Inst. mekh. i obog. AN Kazakh. SSR (16h)	Akademii nauk SSSR. Komi filial, Syktyvkar. Institut geologii. Trudy [Academy of Sciences of the U. S. S. R. Komi Branch. Institute of Geology. Transactions]
ol. (16a)	Sotsialisticheskii trud [Socialist Labor]	Trudy KAI (16b)	Akademii nauk Kazakhskoy SSR, Alma-Ata. Institut me- tallurgii i obogashcheniya. Trudy [Academy of Sciences of the Kazakh S. S. R. Institute of Metallurgy and Ore Dressing. Transactions]
ol. (16a)	Sotsialisticheskaya zakonnost' [Socialist Legality]	Trudy KHIIT (16g)	Kazan. Aviatsetomnyy institut. Trudy [Aeronautical Institute. Transactions]
ol. (16a)	Soyetskoye gosudarstvo i pravo [The Soviet State and Law]	Trudy KazNIOMI (13f)	Kharkov. Institut inzhenerov zailznychnogo transporta. Trudy [Institute of Railroad Transportation Engineers, Transactions]
ol. (16a)	Sovetskaya meditsina [Soviet Medicine]	Trudy LIT (17b)	Alma-Ata. Kazakhskii nauchno-issledovatel'skiy gidro- meteorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]
ol. (16a)	Sovetskaya muzyka [Soviet Music]	Trudy Les. gidromet. inst. (13f)	Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions]
ol. (16a)	Sovetskaya profsoyuzy [Soviet Trade Unions]		Leningrad. Otdrometeorologicheskii institut. Trudy [Hydrometeorological Institute. Transactions]
ol. (16a)	Sovetskaya slavianovedeniye [Soviet Slavic Studies]		

Trudy MIIIT (16g)	Moscow, Moskovskii Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation, Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy MINKHIGP (16b)	Moscow, Institut neftokhimiicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry, Transactions]	V miro knig (2a)	V mire knig [In the World of Books]
Trudy MMBI (13c)	Akademiya nauk SSSR, Murmanskii morskoi biologicheskii Institut. Trudy [Academy of Sciences of the U.S.S.R., Murmansk Marine Biology Institute, Transactions]	Ved. Verkh. Sov. RSFSR (6)	Russii (1917-) R. S. F. S. R. Verkhovnyi Sovet. Vest. [Supreme Soviet, Gazette]
Trudy NII ZHT (16d)	Norosibirsk, Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers, Transactions]	Ved. Verkh. Sov. SSSR (6)	Russii (1923-) U. S. S. R. Verkhovnyi Sovet. Vest. [Supreme Soviet, Gazette]
Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii Institut geologii, geofiziki i mineral'nogo syr'ya. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources, Transactions]	Vest. AMN SSSR (14a)	Akademiya meditsinskikh nauk SSSR, Moskva. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Trudy Soluz-MorNIIPro- ekti (17b)	Moscow, Gosudarstvennyi projektirovatsionnyi i nauchno-issledovatel'skii Institut morskogo transporta. Trudy [State Design and Scientific Research Institute of Marine Transportation, Transactions]	Vest. AN SSSR (1a)	Akademiya nauk SSSR, Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Trudy Sver. gor. inst. (16h)	Sverdlovsk, Gornyi Institut. Trudy [Mining Institute, Transactions]	Vest. mashino-str. (10g)	Vestnik mashinostroyeniya [Machinery Manufacture Review]
Trudy TSIU (14a)	Moscow, Tsentral'nyi Institut usovershenstvovaniya vrachei. Trudy [Central Institute for Postgraduate Training of Physicians, Transactions]	Vest. protivopozd. obor. (17a)	Vestnik protivopozdnogo oborudovaniya [Air Defense Review]
Trudy TSNII MPS (16g)	Moscow, Vsesoyuznyi nauchno-issledovatel'skii Institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation, Transactions]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Trudy TSNII MP (17b)	Leningrad, Tsentral'nyi nauchno-issledovatel'skii Institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine, Transactions]	Vest. svyazi (16c)	Vestnik svyazi. [Communication Review]
Trudy Tuzh. med. inst. (14a)	Dushanbe, Gosudarstvennyi meditsinskii Institut. Trudy [State Medical Institute, Transactions]	Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Science for Higher Education]
Trudy VNIIGIM (15a)	Moscow, Vsesoyuznyi nauchno-issledovatel'skii Institut gidrotekhniki i melioratsii. Trudy [All-Union Scientific Research Institute of Hydraulic Engineering and Reclamation, Transactions]	Vest. AN SSSR. Ser. fiz.-mat. nav. (13f)	Akademiya nauk SSSR, Minsk, Vestnik, Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin, Section in the Physical and Mathematical Sciences]
Trudy VNIIMP (16i)	Moscow, Vsesoyuznyi nauchno-issledovatel'skii Institut mitsnoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Meat Industry, Transactions]	Veterinaria (15b)	Veterinaria [Veterinary Medicine]
Trudy VNIITP (16h)	Leningrad, Vsesoyuznyi nauchno-issledovatel'skii Institut torfianoi promyshlennosti. Trudy [All-Union Scientific Research Institute of the Peat Industry, Transactions]	Vnesh. torg. (5a)	Vneshnaya torgovlya [Foreign Trade]
Trudy VNIIVIV "Magarach" (16c)	Yalta, Vsesoyuznyi nauchno-issledovatel'skii Institut vinodeliya i vinogradarstva "Magarach." Trudy [All-Union Scientific Research Institute of Viticulture and Wine Making "Magarach," Transactions]	Vod. i st. tekhn. (10d)	Vodosnabzheniye i sanitarnaya tekhnika [Water Supply and Sanitary Engineering]
Trudy VSEGEI (12c)	Leningrad, Vsesoyuznyi geologicheskii Institut. Trudy [All-Union Geological Institute, Transactions]	Voen.-med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Trudy VZIT (16g)	Moscow, Vsesoyuznyi nauchnyi Institut inzhenerov zheleznodorozhnogo transporta. Trudy [All-Union Correspondence Institute of Railroad Transportation Engineers, Transactions]	Voen. znaniya (17a)	Voennye znaniya [Military Knowledge]
Trudy Vor. gos. zap. (13c)	Voronezhskii gosudarstvennyi zapovednik. Trudy [Voronezh State Preserve, Transactions]	Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Tsvet. met. (16b)	Tsvetnye metally [Nonferrous Metals]	Vop. filoz. (3a)	Voprosy filozofii [Problems of Philosophy]
Tyl i snabz. Sov. Voor. Sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of the Soviet Armed Forces]	Vop. geogr. i kartogr. (12b)	Voprosy geografii i kartografii [Problems of the Geography of Cartography]
Uch. zap. Erv. un. (1a)	Erivan, Universitet. Uchenye zapiski [University Studies]	Vop. ist. (4a)	Voprosy istorii [Problems of History]
Uch. zap. Mord. gos. un. (1a)	Saransk, Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvin State University, Studies]	Vop. iat. KPSS (6)	Voprosy iustitsii KPSS [Problems in the History of the CPSU]
Uch. zap. Perm. gos. un. (1a)	Perm, Universitet. Uchenye zapiski [University Studies]	Vop. izobraz. (15a)	Voprosy izobrazitel'skogo iskusstva [Problems of Visual Arts]
Uch. zap. UrGU (1a)	Sverdlovsk, Ural'skii gosudarstvennyi universitet. Uchenye zapiski [Ural State University, Studies]	Vop. i tekhn. prog. (16a)	Voprosy tekhnicheskogo progressa [Problems of Technical Progress]
Ukr. bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]	Zakup. sel'khoz. prod. (5a)	Zakupki sel'skokhozyaystvennykh produktov [Purchases of Agricultural Products]
Ukr. fiz. zhur. (13f)	Ukrains'kyi fizichnyi zhurnal [Ukrainian Physics Journal]	Zap. IOI (16h)	Leningrad, Gornyi Institut. Zapiski [Institute of Mining Records]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]	Zav. fab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Usp. fiz. nauk (13i)	Uspehi fizicheskikh nauk [Progress in the Physical Sciences]	Zem. i vesel. (13b)	Zemlia i veseleniye [Earth and the Universe]
Usp. khim. (13d)	Uspehi khimii [Progress in Chemistry]	Zhel. dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Uzb. geol. zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]	Zhil. i kom. khoz. (16d)	Zhitel'stvo i kommunal'noe khozyaistvo [Housing and Communal Services]
		Zhil. stroit. (16i)	Zhitel'stvo i stroitel'stvo [Housing Construction]
		Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
		Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
		Zhur. nov. i psikh. (14c)	Zhurnal novoprotivopozdnogo i psikhologii [Journal of Neurophysiology and Psychiatry]
		Zhur. obsh. khim. (13d)	Zhurnal obshchestvennoi khimii [Journal of General Chemistry]
		Zhur. org. khim. (13d)	Zhurnal organicheskoi khimii [Journal of Organic Chemistry]
		Zhur. vych. mat. i mek. fiz. (13e)	Zhurnal vychislitel'noi matematiki i mekhaniki [Journal of Computational Mathematics and Mechanics]
		Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deyatelnosti [Journal of Higher Nervous Activity]
		Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

A classified index of articles published in the first half of 1967 in the legal periodicals of European socialist countries. *Izv. vya. ucheb. zapr. i pis'm.* no. 1:15-153 Jan. 1968.

01.4 Bibliographies on philology and language

[New foreign literature on linguistics] *Nov. inostr. lit.* no. 4-5, 7 '68.

01.6 Bibliographies on mathematics and natural sciences

[Chemical information; classified index of articles in foreign periodicals] *Khim. inform. i sist. uk. st. v inostr. zhurn.* nos. 5-6 May-June '68.

[Geochemical methods of prospecting for ore deposits; Bibliography of the literature (1925-1963)] *Geokhimiicheskie metody poiskov rudnykh mestorozhdenii. Bibliograficheski ukazatel' literatury (1925-1963 gg.)* Moskva, "Nauka,"

Vyp. 2. [Hydrogeochemical prospecting. Biogeochemical prospecting. Complexing of prospecting methods. Geochemistry of landforms and prospecting] *Gidrokekhiicheskie polski, Biogeochemicheskie polski. Kompleksirovannye metody poiskov. Geokhimiia landshafta i polski.* 1967, 94 p.

[Hydrology of Siberia and the Far East. Bibliography. (1918-1965)] *Gidrologiia Sibiri i Dal'nego Vostoka. Bibliogr. ukazatel'.* (1918-1965). Irkutsk, 1967, 198 p.

List of literature on biological studies of the Soviet Antarctic Expedition. *M. V. Perovskaya. Issl. fauny morsk.* 6:255-270 '68.

Literature on geology received by the Library of the Department of Earth Sciences of the Academy of Sciences of the U. S. S. R. in March 1968. *Izv. AN SSSR, Ser. geol.* no. 6:155-155 Jan '68.

Literature on meteorology and hydrology for 1967. *Meteor. i gidrol.* no. 6:112-116 Jan '68.

[Literature on problems in astrophysics] *Literatura po problemam astrofiziki.* Leningrad, 1967, 76 p.

Literature on the riverology of the Ural in 1965. *I. F. Mikhlinenko. Mirov. 21* no. 3:319-331 '67.

New books on physics. *I. O. Vredov-Kohol'skaya. Usp. fiz. nauk* 93 no. 4:723-728 Apr '68.

Novaya Martirologicheskaya. Vstup. stat'ia A. N. Belozerskogo. Bibliografiia sostavlena I. I. Gorlachev. Moskva, "Nauka," 1967, 114 p. (Materialy k bibliografiim uchennykh SSSR. Seriya biologicheskikh nauk. Biokhimiia, Vyp. 6).

01.5(470)—White Russian S. S. R.

Bibliography of books published by the White Russian Branch of the All-Union Scientific Society. *Bol. i. issl. Bol. oit. VVO* no. 10:217-219 '68.

01.8 Bibliographies on applied sciences, medicine, technology [Agricultural literature of the U. S. S. R.] *Sel'khoz.* III. SSSR no. 8 '68.

Bibliography for specialists in agriculture. *A. S. Solov'ev. Bibliotekar'* no. 7:20-21 '68.

Index of books on neuropathology, psychiatry and related disciplines received at State Central Scientific Medical Library in April 1968. *I. A. Akhulin. Zhurn. nerv. i psikh.* 68 no. 7:1087-1091 '68.

Index of books on neuropathology, psychiatry and related disciplines received at the State Central Scientific Medical Library during March 1968. *E. A. Akhulin. Zhurn. nerv. i psikh.* 68 no. 6:846-841 '68.

Index of Soviet dissertations on neuropathology, psychiatry and related disciplines received at State Central Scientific Medical Library during the 1st quarter of 1968. *M. I. Viten'skaya. Zhurn. nerv. i psikh.* 68 no. 7:1091-1099 '68.

[Literature on railroads in the U. S. S. R.] *Zhelezno-dorozhnaia literatura SSSR. 1968.* Moskva, "Transport," 1968, 300 p.

Looking into the future. *V mire kalg.* 7 no. 5:16-17 '67.

[New developments in agricultural science and practice. Annotated bibliography for 1968] *Novoe v sel'skokhozyaistvennoi nauke i praktike. Annot. ukazatel' literatury za 1968 g.* Moskva, 1967, III p.

[New foreign books. Series B: Technology] *Nov. knizh. za rub. Ser. B. Tekhn.* 12 no. 8 Apr '68.

[Recent achievements in the production of machine tools and their attachments. (Annotated bibliography of literature)] *Novelshie dostizheniya v oblasti proizvodstva mašin i priborov k nim. Annot. ukazatel' literatury za 1968 g.* Moskva, 1967, 204 p.

Soviet inventions in the field of machinery construction. *Vest. mashinost.* 38 no. 2:84-1 '68.

Tsvetova, E. M., comp. [Soilless cultivation of agricultural plants. Index of Soviet literature from January 1, 1965 to October 31, 1966] Vyrashchivanie sel'skokhozyaistvennykh rastenii bez pochvy. Ukazatel' otechestvennoi literatury s 1 ianvaria 1965 g. po 31 oktiabria 1966 g. Moskva, 1967, 56 p.

01.7 Bibliographies on the arts, entertainment, sport

Katanov, P. Kh., and I. P. Vulyk. [Foreign literature on music. Index of abstracts of books for 1954-1958] Zarubezhnaia literatura o muzyke. Referativnyi ukazatel' knizh za 1954-1958 gg. Moskva, "Sov. kompozitor." Vyp. 3. Ch. 2, 1966, 246 p.

Livanova, T. N., comp. [Bibliography of Russian music periodicals of the 15th century] Muzykal'naia bibliografiia russkoi periodicheskoi pechat' XIX veka. Moskva, "Sov. kompozitor,"

Vyp. 4, 1951-1959. Ch. 2, 1968, 339 p.

01.8 Bibliographies on literature

[New foreign literature on the study of literature] *Nov. inostr. lit.* no. 4-5, 7 '68.

[New Soviet literature on the study of literature] *Nov. sov. lit.* no. 4-5, 7 '68.

01.9 Bibliographies on history, geography

The Bashkiri and others. K. M. Kiselev (Bashkiri) v mire knizh. 7 no. 5:5-10 '67.

Books on the present-day situation, history, culture, and language of the Slav peoples in foreign countries published in 1967 in the Soviet Union. *Sov. slav.* no. 3:162-165 May-June '68.

Books which the "Nauka" Publishing House has published in 1968. *Vop. isl.* no. 5:185-187 May '68.

Documents and articles on the history of the CPSU and the international communist and labor movement published in May 1968 in periodicals, studies, collections, and scholarly series. *Vop. isl. KPS* no. 7:142-146 Jan '68.

Foreign reviews of Soviet historical studies. *Vop. isl.* no. 4:201-203 Apr '68.

Foreign reviews of Soviet historical studies. *Vop. isl.* no. 5:202-203 May '68.

Foreign reviews of Soviet historical studies. *Vop. isl.* no. 6:208-209 June '68.

Historical articles in periodicals published in socialist countries. *Vop. isl.* no. 5:196-197 May '68.

Historical articles in Soviet periodicals. *Vop. isl.* no. 4:176-179 Apr '68.

Historical articles in Soviet periodicals. *Vop. isl.* no. 5:187-190 May '68.

Historical articles published in Soviet periodicals. *Vop. isl.* no. 6:186-190 June '68.

The most important articles and materials on the present-day situation, history, culture, and language of the Slav peoples in foreign countries published in 1967 in Soviet periodicals (continued). *Sov. slav.* no. 3:199-199 May-June '68.

New books. *Vop. isl.* no. 4:174-176 Apr '68.

New books. *Vop. isl.* no. 5:183-185 May '68.

New books. *Vop. isl.* no. 6:184-186 June '68.

Slavic studies published in foreign periodicals. *Sov. slav.* no. 3:199-199 May-June '68.

01.9(438)—Poland

Problems of local bibliography in the Polish People's Republic. *Bibliotekoved. i bibl. za rub.* no. 23:86-97 '67.

01.9(486)—European communist countries as a group

Historical articles in periodicals published in socialist countries. *Vop. isl.* no. 4:196-197 Apr '68.

Historical studies in periodicals published in socialist countries. *Vop. isl.* no. 6:266-268 June '68.

01.9(63)—Ethiopia and Eritrea

Articles on the history of Ethiopia published in the "Journal of Ethiopian studies." *V. S. Iag'la. Vop. isl.* no. 4:197-201 Apr '68.

017 CATALOGS

[Centralized classification based on the Universal Decimal Classification. (Methods of indexing and techniques of its use)] *Tsentralizovannaya klassifikatsiia po UDK (Metodika indeksatsii i tekhnika ispol'zovaniia).* Moskva, 1967, 96 p. (Metod. materialy po Univers. desiatichnoi klassifikatsii. Etsesyl. i tekhn. nauki).

Problem of catalogs in Soviet library science. *Z. Ambar-Ismailov. Bibliotekar'* no. 11:44-47 '67.

017(73)—United States of America

Studying the use of subject catalogs in American libraries. *S. K. Viten'skaya. Bibliotekoved. i bibl. za rub.* no. 23:36-58 '67.

02 LIBRARIES. LIBRARIANSHIP

Agricultural specialists and libraries. *D. Bachalida. Bibliotekar'* no. 1:32-37 Jan '68.

All-Russian Conference of Workers in Culture. *Bibliotekar'* no. 3:1-2 Mar '68.

[Centralized classification based on the Universal Decimal Classification. (Methods of indexing and techniques of its use)] *Tsentralizovannaya klassifikatsiia po UDK (Metodika indeksatsii i tekhnika ispol'zovaniia).* Moskva, 1967, 96 p. (Metod. materialy po Univers. desiatichnoi klassifikatsii. Etsesyl. i tekhn. nauki).

Concern for children. *N. Medvedeva. Bibliotekar'* no. 11:26-30 '67.

Elements and functions of a bibliographical description of patent documentation. *V. M. Leichik. Vop. izobr.* no. 2:35-39 Feb '68.

First decrees and decisions on library work. *K. Abramov. Bibliotekar'* no. 11:57-60 '67.

Five orders awarded to the Komsomol. *A. Sol'tkova. Bibliotekar'* no. 7:5-11 '68.

For a more thorough evaluation of our... *Bibliotekar'* no. 3:2-5 May '68.

For more precise planning. *A. Sol'tkova. Bibliotekar'* no. 2:36-41 '68.

From reminiscences. *A. Viten'skaya. Bibliotekar'* no. 1:15-153 Jan '68.

Future in science collections of the... *R. Ivanovskaya. Bibliotekar'* no. 1:15-153 Jan '68.

Give the workers engineering and technical... *they need. I. Olsheva. Bibliotekar'* no. 1:15-153 Jan '68.

Library success. *N. Melchik. Bibliotekar'* no. 1:15-153 Jan '68.

In a united family. *I. Naryndina. Bibliotekar'* no. 2:47-51 '68.

In the library of a region. *C. Kozlovskaya. Bibliotekar'* no. 2:20-21 '68.

Inadequate coordination of libraries... *teyazn. Bibliotekar'* no. 7:5-11 '68.

[Information about library work and... materials] *Inform. o bibliotekakh i bibliotekakh. Bibliotekar'* no. 1:15-153 Jan '68.

An interesting conference. *Bibliotekar'* no. 5:45-50 '68.

International contacts of Soviet libraries. *Bibliotekar'* no. 11:36-43 '67.

It's time to consider the problem of... *T. Mikhlinenko. Bibliotekar'* no. 1:15-153 Jan '68.

The Komsomol and libraries. *R. Sol'tkova. Bibliotekar'* no. 5:5-9 '68.

Loss, but better. *I. Viten'skaya. Bibliotekar'* no. 1:15-153 Jan '68.

Let us always try to raise our... *edu. Bibliotekar'* no. 2:49-53 '68.

Let us master theory and practice. *Bibliotekar'* no. 5:48-50 '68.

Letters to the editor. *Bibliotekar'* no. 1:15-153 Jan '68.

Libraries and party education. *I. Viten'skaya. Bibliotekar'* no. 12:1-4 Dec '67.

[Library and bibliographical information] *Inform. o bibliotekakh i bibliotekakh. Bibliotekar'* no. 2:4-6 '67.

[Library collections. A textbook for... faculties of institutes of culture] *Ucheb. knizhka dlia bibliotek. knizh. i bibliotek. "Prosvetshenie," 1967, 203 p.*

Library exhibits need an expressive... *Bibliotekar'* no. 1:15-153 Jan '68.

Local news. *Bibliotekar'* no. 5:48-50 '68.

Model studies of a province, region, or... or Autonomous children's library. *Bibliotekar'* no. 5:45-50 '68.

Model studies of the central library in... *teknika. Bibliotekar'* no. 7:5-11 '68.

More good and different volumes... *teknika. Bibliotekar'* no. 5:48-50 '68.

New literature in the field of library... *ography. Bibliotekar'* no. 9:1-12 Nov '67.

New literature on library science and... *Bibliotekar'* no. 3:2-5 May '68.

The "nucleus" of book collections in the... *I. U. Sol'tkova. Bibliotekar'* no. 9:1-12 Nov '67.

Our ample collections of books. *Bibliotekar'* no. 11:48-51 '67.

Planning a library network in cities. *I. Viten'skaya. Bibliotekar'* no. 3:41-43 '67.

Possession of all the Soviet peoples. *I. Naryndina. Bibliotekar'* no. 11:31-33 '67.

Public libraries and technical information... *Bibliotekar'* no. 5:20-22 '68.

Public libraries under socialism. *Bibliotekar'* no. 11:18-24 '67.

Quantity or quality? *N. Karanahov. Bibliotekar'* no. 4:2-4 Apr '67.

Rapid development of Soviet libraries. *Bibliotekar'* no. 1:15-153 Jan '68.

Relying upon the authority of some... *ko. Bibliotekar'* no. 9:28-36 Sep '67.

Responding to extensive requirements. *Bibliotekar'* no. 12:1-4 Dec '67.

Russian books in Karl Marx's library. *M. Bachalida. Kommunist* 45 no. 9:122-127 Apr '68.

The same exposures can produce a greater... *F. Vityk. Bibliotekar'* no. 1:15-153 Jan '68.

Service to readers when they work in the... *ov. Bibliotekar'* no. 5:26-27 '68.

There are many unsolved problems. *Bibliotekar'* no. 1:15-153 Jan '68.

There are no guarantees. *I. Viten'skaya. Bibliotekar'* no. 2:42-43 '68.

To the workers in culture of the Russian... *Bibliotekar'* no. 3:2-4 May '68.

The 32d session of the International Federation... *G. V. Maiveeva. Bibliotekoved. i bibl. za rub.* no. 23:60-65 '67.

Uniform readers' cards in practice. *Bibliotekar'* no. 1:64-65 Jan '68.

A voluntary worker at the circulation desk. *Bibliotekar'* no. 7:32 '68.

We learn much from practice. *O. Kozlovskaya. Bibliotekar'* no. 2:42-43 '68.

We should give help to civil defense... *min. Bibliotekar'* no. 9:20-22 Sep '68.

We should spare no efforts trying to carry... *year plan. E. Fenelonov. Bibliotekar'* no. 1:15-153 Jan '68.

We should take into account the requirements... *A. Kozlovskaya. Bibliotekar'* no. 12:45-46 Dec '67.

What should a school library be? *S. Sol'tkova. Bibliotekar'* no. 3:42-43 Mar '68.

What the results of this review show us. *Bibliotekar'* no. 2:1-4 '68.

02(431)—German Democratic Republic

The German Democratic Republic and the... *E. Viten'skaya. Bibliotekar'* no. 2:45-47 '68.

(Continued)

our friends, F. Seina, Bibliotekar' no. 12-39- '67.

02(473) — Island

and information services in the National Library in Warsaw and its cooperation with other libraries, M. Manieulowa, Bibliotekoved. i bibliotekar' no. 23-28 '67.

Congress of Polish Librarians, Bibliotekar' no. 66.

02(471) — Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

of an all-Union review of the libraries of the R.S.F.S.R., Bibliotekar' no. 11-61-62 '67.

02(471.12) — Vologda Province

on the October Revolution, L. Vurotseva, Bibliotekar' no. 12-6-6 '67.

02(471.21) — Murmansk Province

the interests of fishermen, A. Rudov, Bibliotekar' no. 7-23-25 '68.

02(471.232) — Leningrad City

ing the needs of work and planning its future, Bibliotekar' no. 5-56 '68.

activities devoted to poetry, N. Levina, Bibliotekar' no. 9-31 '68.

also a newspaper and library, A. Rahin, Bibliotekar' no. 9-45-46 '68.

are in open access to book collections, N. Glagol, L. Ivashina, Bibliotekar' no. 1-30-31 Ja '68.

in topical compilation, E. Bokhansveti, L. Ikonin, Bibliotekar' no. 12-51-52 D '67.

02(471.25) — Irkutsk Province

quest, A. Mikhailov, Bibliotekar' no. 3-1-10 '68.

studying the requirements of specialists, L. Ikonin, Bibliotekar' no. 2-20-21 '68.

02(471.26) — Kalinin Province

on effort, T. Gorkunova, E. Al'perina, Bibliotekar' no. 2-34-35 '68.

in collective farming, V. V. Lushchinskii, Bibliotekar' no. 4-42-43 Ja '68.

02(471.310) — Moscow City

symptoms of the library of the U.S.S.R., named V. I. Lenin, Bibliotekar' no. 12-55-56 D '67.

ing for the holiday, N. Elagin, Bibliotekar' no. 1-20 '68.

skills may be clear, S. Solonakhina, Bibliotekar' no. 9-23-23 '68.

and Plaza in Moscow, T. Khulan, Bibliotekar' no. 1-19 '68.

02(471.311) — Moscow Province

of agricultural machinery discuss the books, L. Ivanova, Bibliotekar' no. 1-14-45 Ja '68.

02(471.314) — Vladimir Province

to her high calling, S. Zhuravlova, Bibliotekar' no. 3-10-23 Mr '68.

02(471.316) — Yaroslavl Province

exhibits supplement the books, B. Komarov, Bibliotekar' no. 2-34 '68.

trying to improve the organization of interlibrary work, V. Zhurav, Bibliotekar' no. 7-34-35 '68.

02(471.321) — Orel Province

local contribution, I. U. Baiter, Bibliotekar' no. 1 '68.

02(471.322) — Lipetsk Province

now a conclusion, D. Durnov, Bibliotekar' no. 12-1 D '67.

02(471.323) — Kursk Province

anges in the life of our people, N. Got'man, Bibliotekar' no. 11-02-04 '67.

g up, N. Got'man, Bibliotekar' no. 2-50-52 '68.

02(471.326) — Tamlov Province

problems are the center of attention, B. Titov, Bibliotekar' no. 5-38-41 '68.

02(471.327) — Penza Province

equating rural efficiency consultants with patent work, L. Pisarenko, Bibliotekar' no. 1-46-47 '68.

to attract new readers, R. Zholtikova, Bibliotekar' no. 2-43-44 '68.

02(471.328) — Mordvin A. S. S. R.

our regional methodological and bibliographical methods aiding libraries in their work [uchebn. i metod. i bibliogr. materialy v pomoshch' rabote bibliotek], Saransk, Mordov. kn. izd., 1967, 80 p.

02(471.331) — Kalinin Province

of the "educational poem" has come to see us, L. Naeva, Bibliotekar' no. 1-14 Ja '68.

Information and reference apparatus in the service of readers, L. Labeleva, Bibliotekar' no. 5-43-44 '67.

Meetings in Voz'yansk, V. Tsepelev, Bibliotekar' no. 11-15-17 '67.

02(471.341) — Gorky Province

Contemporary of the revolution, Z. Shkheva, Bibliotekar' no. 11-13 '67.

02(471.344) — Chuvash A. S. S. R.

We have improved our service to schoolchildren, A. Alekseeva, Bibliotekar' no. 9-40-41 '68.

02(471.42) — Ulyanovsk Province

Contribution of the Komsomol, Z. Lasova, Bibliotekar' no. 1-10-11 Ja '68.

02(471.44) — Saratov Province

Give more attention to acquisition of books, M. Solov'yev, A. Bulgakova, Bibliotekar' no. 1-50-51 Ja '68.

02(471.45) — Volograd Province

heral libraries do not receive some literature, N. Filin, Bibliotekar' no. 5-30-31 '68.

02(471.53) — Perm Province

The loan of books from all collections, A. Salazhdina, Bibliotekar' no. 7-31 '68.

02(471.54) — Sverdlovsk Province

libraries and the workers of an industrial plant, V. Piletskii, Bibliotekar' no. 7-12-16 '68.

02(471.63) — Sverdlovsk Territory

We rely upon specialists, V. I. Ilicheva, Bibliotekar' no. 5-28-29 '68.

02(471.65) — North Ossetian A. S. S. R.

The heroes of a book have visited its readers, L. Galina, Bibliotekar' no. 5-18-19 '68.

A visit of the veterans, L. Galina, Bibliotekar' no. 9-18-19 '68.

02(471.67) — Dagestan A. S. S. R.

We should take into account how well the acquisition of books is organized, I. U. Bignev, Bibliotekar' no. 7-55-56 '68.

02(474.5) — Lithuanian S. S. R.

A Lushinskii approach, initiative, and a smile, A. Lukosinska, Bibliotekar' no. 2-53-54 '68.

02(476) — White Russian S. S. R.

Letters to the editor, Bibliotekar' no. 5-57-58 '68.

We try to develop an enthusiastic attitude toward work, A. Fain, Bibliotekar' no. 9-36-40 '68.

02(477) — Ukrainian S. S. R.

An effective form of study, K. Shomchukova, Bibliotekar' no. 3-60 Mr '68.

We try to develop love for books, N. Litovskaya, Bibliotekar' no. 2-36-37 '68.

02(477.6) — Donetsk Basin

They help in the practical application of inventions, S. Smirnova, P. Nosovitskaya, Bibliotekar' no. 12-9-10 D '67.

02(477.8) — Western Ukraine

Development of a system of methodological guidance, Z. Sak, E. Lazeba, Bibliotekar' no. 7-42-43 '68.

Established authority, N. Sibil, Bibliotekar' no. 2-55-57 '68.

Part of the educational process, B. Stopenishin, Bibliotekar' no. 3-30-32 Mr '68.

02(477.9) — Crimea

We give more attention to the retraining of our personnel, G. Tkachev, Bibliotekar' no. 9-42-44 '68.

02(478) — Matdavian S. S. R.

Sounds of music in a library, V. Siverinova, Bibliotekar' no. 12-24-25 D '67.

02(486) — European communist countries as a group

National libraries, Part 3: Socialist library service and the typological characteristics of national libraries, N. I. Titulina, Bibliotekoved. i bibliotekar' no. 23-3-19 '67.

02(518.3) — Mongolian People's Republic

Public libraries in the Mongolian People's Republic, K. N. Mikhailov, Bibliotekoved. i bibliotekar' no. 23-27-37 '67.

02(571.14) — Novosibirsk Province

The oldest library of a city, T. Vitulev, Bibliotekar' no. 11-14 '67.

02(571.151) — Cherny-Alai Autonomous Province

She is always a welcome visitor, P. Kurnosova, Bibliotekar' no. 7-48-49 '68.

02(571.17) — Kemerovo Province

The work of her entire life, N. Tarasova, Bibliotekar' no. 2-57-58 '68.

02(571.51) — Krasnoyarsk Territory

The article forced me to ponder this problem, M. Charskova, Bibliotekar' no. 12-44 D '67.

02(571.53) — Irkutsk Province

Five-day workweek means we have to improve our work, A. Morozov, Bibliotekar' no. 1-57-58 Ja '68.

02(571.62) — Khabarovsk Territory

Friendly cooperation with the students, A. Litvinova, Bibliotekar' no. 9-47-48 '68.

Let's bring the books to fishermen, A. Minkina, Bibliotekar' no. 2-33-34 '68.

She has received a high award, N. Karpovitch, Bibliotekar' no. 5-35-37 '68.

We try to raise our qualifications, E. Alekshina, T. Fedotova, Bibliotekar' no. 4-56-58 Mr '68.

02(571.84) — Sakhalin Province

For those who are at sea, L. Kurlerov, Bibliotekar' no. 4-27-28 '68.

An order-bearing island, I. Tikhonina, Bibliotekar' no. 9-32 '68.

02(574) — Kazakh S. S. R.

In a Kazakh village, M. Baimaganbelov, Bibliotekar' no. 11-25 '67.

The problem is raised in time, P. Nibel, Bibliotekar' no. 1-60 Ja '68.

02(575.2) — Kirghiz S. S. R.

Effectively and conveniently, V. Dolgikh, Bibliotekar' no. 3-50-51 Mr '68.

A librarian's close contacts with her readers, A. Khovlev, Bibliotekar' no. 7-46-49 '68.

They learn from the example of the best, G. Akhmedov, Bibliotekar' no. 7-41-43 '68.

02(575.3) — Tajik S. S. R.

Library service for Tajik children, S. Goltazarov, Bibliotekar' no. 11-30 '67.

Local news, Bibliotekar' no. 1-63-64 Ja '68.

02(73) — United States

Studying the use of subject catalogs in American libraries, S. K. Vilenskaya, Bibliotekoved. i bibliotekar' no. 23-38-58 '67.

02B Reading. Advice for readers

Alive among the living, I. Khramkin, A. Protov, V. Mireknig 7 no. 6-6-6 '67.

All-Union Conference of Young Readers, Bibliotekar' no. 3-5-6 Mr '68.

Alongside of the departments of our school, N. Ovsienko, Bibliotekar' no. 1-13 Ja '68.

Average indicators of reading, E. Nezhnina, Bibliotekar' no. 9-65-68 '68.

A book must work, E. V. Vymoshenko, V. Mireknig 7 no. 3-39-40 '67.

Choose the book yourself, Z. Dubovskaya, Bibliotekar' no. 12-5-10 D '67.

An educational institution, N. Volodarskaya, Bibliotekar' no. 3-56-57 Mr '68.

Educational work with college students, V. Dogniatrenko, M. Kopylova, Bibliotekar' no. 1-16 Ja '68.

An evening of poetry, K. Samarin, Bibliotekar' no. 3-38 Mr '68.

Go! All on children's reading, N. Medvedova, Bibliotekar' no. 3-12-15 Mr '68.

Helpful materials, V. Samonov, Bibliotekar' no. 12-33-34 D '67.

I love you, my country, L. Sviridova, Bibliotekar' no. 9-10-13 '68.

Important means for the education of servicemen, P. Surin, Bibliotekar' no. 2-5-10 '68.

In the library of a workshop, G. Solimanova, Bibliotekar' no. 3-33-34 Mr '68.

Karl Marx and our time, Bibliotekar' no. 5-1-1 '68.

Let us continue this discussion, A. Panova, Bibliotekar' no. 12-35-36 D '67.

Let us familiarize the young people with documentary literature, M. Khat'lon, Bibliotekar' no. 5-15-18 '68.

Let us master theory and methods, I. U. Stollarov, Bibliotekar' no. 5-48-50 '68.

Let us popularize literature on civil air defense, Bibliotekar' no. 7-1-4 '68.

Let's tell our youth about the Komsomol, V. Misharina, Bibliotekar' no. 9-14-19 '68.

Letters to the editor, Bibliotekar' no. 1-61 Ja '68.

Letters to the editor, Bibliotekar' no. 5-57-59 '68.

Local news, Bibliotekar' no. 3-69 '68.

Meadows and pastures, A. Ermolova, Bibliotekar' no. 3-30-33 Mr '68.

[Notebook of a booklover. 1967] Zapiska knizhka knigoluba, 1967, Moskva, "Kniga," 1967, 222 p.

Our pride and glory, O. Kiseleva, Bibliotekar' no. 1-17-22 Ja '68.

Paths to the readers' hearts, P. Lazavskaya, Bibliotekar' no. 1-5-7 Ja '68.

Power of the living word, S. Strumlin, V. Mireknig 7 no. 5-2-3 '67.

Public libraries and technical information, I. Oslpova, Bibliotekar' no. 5-20-22 '68.

Readers' opinions, V. Mireknig 7 no. 6-12-18 '67.

Reading poetry is a form of art, S. Magidson, Bibliotekar' no. 12-22-23 D '67.

Regular reading is a form of work as well as creative activity, I. Dolotkina, Bibliotekar' no. 7-26-31 '68.

Relying upon the authority of some readers, V. Kreidenko, Bibliotekar' no. 9-28-30 '68.

028 (Continued)
The "book of life" of our green ashlar. I. Vake. Bibliotekar' no. 128-31 Ja '68.
Where is rest for when they work in the field. D. Fedotkin. Bibliotekar' no. 526-27 '68.
Siberian letters as a means of education. N. Elagin. Bibliotekar' no. 512-15 '68.
The world of M. Gorki's words. K. Krendel'. Bibliotekar' no. 227-27 '68.
The farm plans should be drafted more exactly. T. Kozlov. Bibliotekar' no. 731-55 '68.
What is the interest of readers? I. Belikov. Bibliotekar' no. 115-15 '68.
Scientific and instructional books. I. Izumbeev. Bibliotekar' no. 1235-37 '67.
You should recommend this book to agriculturalists. D. Fedotkin. Bibliotekar' no. 924-26 S '68.

028(471.23)—Leningrad Province

Literary concern for the work of the neighboring farm. T. Kozlov. Bibliotekar' no. 1211-12 D '67.

028(471.232)—Leningrad City

Illustrating the results of work and planning its future development. Bibliotekar' no. 556 '68.
An institute's newspaper and library. A. Rabin. Bibliotekar' no. 945-46 S '68.
Try to prevent simplified attitude toward literary works. I. Chuprina. Bibliotekar' no. 177-9 Ja '68.
We teach our readers to love our country. M. Gurorits. Bibliotekar' no. 137-38 Mr '68.

028(471.23)—Pskov Province

Where is a library reader here. M. Alekseeva. Bibliotekar' no. 729-31 '68.
We recommend the literature on our city. E. Sepanova. Bibliotekar' no. 242-33 '68.

028(471.310)—Moscow City

The "Horizons" Club. S. Erdel'zon. Bibliotekar' no. 119-15 Ja '68.
Readers of an industrial plant. E. Naglovskaya. Bibliotekar' no. 1124-25 '67.

028(471.313)—Ryazan Province

A person whom everybody wants. V. Serebriakova. Bibliotekar' no. 342-24 Mr '68.
Specialists lend their assistance. T. Sorokina. Bibliotekar' no. 1214-15 D '67.

028(471.322)—Pskov Province

Systematic and purposeful work. V. Lobrynin. Bibliotekar' no. 1228 D '67.

028(471.328)—Tambov Province

A contest for the best reader. N. Bazilevskaya. Bibliotekar' no. 033-37 S '68.

028(471.327)—Penza Province

Letters to the editor. Bibliotekar' no. 950-60 S '68.

028(471.331)—Kalinin Province

Card files. G. Korotkova. Bibliotekar' no. 1220-21 D '67.
Information and reference apparatus in the service of readers. I. Chelueva. Bibliotekar' no. 543-44 '68.

028(471.332)—Smolensk Province

We work in accordance with the uniform plan. Z. Tynova. Bibliotekar' no. 1213-15 D '67.

028(471.341)—Curly Province

Bibliography is our helper. N. Vinokurova. Bibliotekar' no. 112 Ja '68.

028(471.342)—Kirov Province

"Lessons on Lenin" evening gatherings. V. Kazakov. Bibliotekar' no. 1267-7 D '67.

028(471.52)—Bashkir A.S.S.R.

We promote Bashkir books and literature on local history. M. Fazlieva. Bibliotekar' no. 335-38 Mr '68.

028(471.53)—Perm Province

Our readers make the summaries of books. A. Ngorshin. Bibliotekar' no. 1218 D '67.
We have opened a lecture hall. M. Beliaev. Bibliotekar' no. 1229 D '67.

028(471.62)—Krasnodar Territory

For the initiators of our great glory. T. Davidenko. Bibliotekar' no. 532-34 '68.
We remember the heroic deeds of the Taman Army. V. Fokeev. Bibliotekar' no. 1230-33 D '67.

028(471.63)—Stavropol Territory

We rely upon specialists. V. Lialitcheva. Bibliotekar' no. 528-29 '68.

028(477)—Ukrainian S.S.R.

Conference of readers. N. Kolyinskii. Bibliotekar' no. 1216 D '67.
Individual approach to readers. V. Pupchenko. Bibliotekar' no. 1217-19 D '67.
We persistently study our readers. N. Moskvina. Bibliotekar' no. 732-33 '68.

028(477.8)—Western Ukraine

Approach religious people with a book. V. Babluk. Bibliotekar' no. 1226-27 D '67.

028(477.9)—Crimea

Give special attention to women! G. Tkachev. Bibliotekar' no. 123-28 Ja '68.

028(571.11)—Kurgan Province

We are using the questionnaires. V. Pionova. Bibliotekar' no. 1219 D '67.

028(571.15)—Altai Territory

Using all the possible ways of information. N. Akhiy-skaia. Bibliotekar' no. 926-27 S '68.

028(571.62)—Khabarovsk Territory

She has received a high award. N. Kaspirovich. Bibliotekar' no. 535-37 '68.

028(571.64)—Sakhalin Province

For those who are at sea. L. Kucherov. Bibliotekar' no. 523-25 '68.
An order-bearing island. L. Tikhonina. Bibliotekar' no. 932 S '68.

03 ENCYCLOPEDIAS, DICTIONARIES, REFERENCE BOOKS

[Anglo-Russian soil and agrochemical dictionary. 20,000 terms] Anglo-russkii pochveno-agrokhimicheskii slovar'. 20 000 terminov. Pod red. A. V. Peterburgskogo i A. A. Rode. Moskva, "Sov. entsiklopediya," 1967, 432 p.
[Children's encyclopedia. For the middle and older age groups] Detskaya entsiklopediya. Dva sredi i starsh. vozrasta. 2-e izd. Moskva, "Prosvetshenie," T. 11. [Language, Belles-lettres] Iazyk. Khudozhestvennaya literatura. 1968, 527 p.
[English-Russian military dictionary. Over 50,000 terms] Anglo-russkii voennyi slovar'. Svyaz 50 000 terminov. Sost. G. A. Sudzitskii i dr. Pod uslozh. red. G. A. Sudzitskogo. Izd. 2-e, pereizdat. 110 p. Moskva, Voenizdat, 1968, 1963 p.
[Little medical encyclopedia] Malaya meditsinskaya entsiklopediya. Otv. red. V. Kh. Vaitel'ko. Moskva, "Sov. entsiklopediya," T. 7. [Poisonings - polyuria] Otravleniya - poliuriya. 1967, 1,200 columns.
Rabinovich, I. S., N. C. Korolev, and L. A. Aganina, comps. [Russian-Russian dictionary. 38,000 words] Russko-russkii slovar'. 38 000 slov. Pod rukovod. I. S. Rabinovicha. Spril. grammat. obozrach. nap. izd. 1. N. I. Korolevym. Moskva, "Sov. entsiklopediya," 1968, 1328 p.
Shervazade, M. A., and S. M. Shervazade. [Azerbaijani-French phrase book] Azerbaidzjansko-frantsuzskii razgovornik. Raku, "Maarif," 1967, 240 p.
[Veterinary encyclopedia] Veterinarnyi entsiklopediya. Glav. red. K. I. Skriabin. Moskva, "Sov. entsiklopediya," [Entsiklopediya. Slovari. Spravochniki] [T. 1. [A - Virological technique] A - Virologicheskaya tekhnika. 1968, 1088 columns.
[Yearbook of the Great Soviet Encyclopedia] Ezhegodnik Bol'shoi sovetskoi entsiklopedii. Glav. red. L. S. Shumilina. Moskva, "Sov. entsiklopediya," Vyp. 11, 1967, 923 p.

05 PERIODICALS, REVIEWS

Anniversary of a periodical. Mor. sbor. 51 no. 4:22 Ap '68.
[Chronicle of periodical articles] Let. zhurn. st. nos. 31-34 '68.
Conference of our readers in Leningrad. G. V. Pol'shchuk. Avion. svar. 20 to. 4:60 Ap '67.
Facts, facts, reports. V mire knig 7 no. 5:46-47 '67.
The farmer's almanac. G. Chernomolov. V mire knig 7 no. 6:22 '67.
[Forestry calendar, 1968] Lesnoi kalendar'. 1968. Moskva, "Lestnaia prom-st." [1967]. 191 p.
The talent of Robinson Crusoe. Did Munchausen exist? K. Auerbach. V mire knig 7 no. 5:43 '67.
[It did not return to the editorial office...] V rodokletii ne vrnutsia... Moskva, Politizdat. Kn. 2. 1967, 383 p.
Livanova, T. N., comp. [Bibliography of Russian music periodicals of the 18th century] Muzykal'naya bibliografiya russkoi periodicheskoi pechati XIX veka. Moskva, "Sov. kompozitor," Vyp. 4. 1961-1960.
Ts. 2. 1968, 339 p.
Mirovot'stvo Pamyat' Bl. Katalog periodicheskikh izdani. Catalogue of the periodical publications. Moskva, 1967, 39 p.
One hundred years ago in "Morskoi sbornik." Mor. sbor. 51 no. 4:76-77 Ap '68.
Opinions of our readers. V mire knig 7 no. 5:23 '67.
Our helper. M. Lukashina. Bibliotekar' no. 9:40-40 S '68.
The periodical "Tyosnatskie nauki" is ten years old. Vest. vyz. shkoly 26 no. 7:76-77 Ji '68.
Periodicals as an important form of documentary information on radioelectronics. V. S. Blaginin. NTL Ser. 1. no. 5:17-18 '68.
A plan of problems and topics in the "Sovetskoe gosudarstvo i pravo." Sov. gos. i pravo no. 7:143-146 Ji '68.
Readers about books. V mire knig 7 no. 6:38 '67.
Readers are discussing the work of the journal "TSvoitnye Metally." Tsvei. met. 41 no. 5:68-93 My '68.

So that we may know. V mire knig 7 no. 1:10 '67.
Some quantitative parameters of the periodical "Voprosy filosofii." E. M. Blizhuk. Voprosy fil. no. 6:145-154 '68.

05(439)—Hungary

A new Journal of Hungarian economists. P. Kovacs. Mir. ekon. i mezhdunar. otn. no. 7:137-139 '68.

05(477)—Ukrainian S.S.R.

[Chronicle of periodical articles] Let. zhurn. st. nos. 31-34 Ja '68.
Journal "Skhlybi svit" on nations of the Caucasus. M. P. Dmitrienko. Sob. AN Ukr. SSR 42 no. 3:11-750 '67.

05(68)—Near East

The Bakhtiari and others. K. Maisev. Mir. ekon. i mezhdunar. otn. no. 5:9-10 '67.

06 ORGANIZATIONS, ASSOCIATIONS, CONFERENCES, MUSEUMS

06.00 Exhibitions, competitions, expositions
Academy of Inventors of the U.S.S.R. Let. zhurn. st. nos. 31-34 Ja '68.
National Economic Achievements. N. 1968.
Tyl. Lavsh. Ser. Vopr. St. 28 no. 8:117-118 Ag '68.
Academy of Advanced Experience. Let. zhurn. st. nos. 31-34 Ja '68.
At the "Intergymnasium-67" infirmity camp. Let. zhurn. st. nos. 31-34 Ja '68.
Exhibition by Leningrad inventors. Let. zhurn. st. nos. 31-34 Ja '68.
Tsh. 1. Vopr. St. 28 no. 8:117-118 Ag '68.
Expanded annual competition for the award of scholarship fulfillment of the five-year plan. Let. zhurn. st. nos. 31-34 Ja '68.
"Fighting materials in competition" exhibition. Let. zhurn. st. nos. 31-34 Ja '68.
Vishov. St. 13 no. 6:111-112 Ji '68.
Important exhibition. M. Veller. St. 13 no. 6:111-112 Ji '68.
Marine boat construction at the Exhibition of the Ministry of the National Economy of the U.S.S.R. Let. zhurn. st. nos. 31-34 Ja '68.
Mechanization and automation in the machine building industry. Let. zhurn. st. nos. 31-34 Ja '68.
International exhibition. Let. zhurn. st. nos. 31-34 Ja '68.
New device at the Leipzig Fair. Let. zhurn. st. nos. 31-34 Ja '68.
Scientific organization of labor at the U.S.S.R. Let. zhurn. st. nos. 31-34 Ja '68.
Tsh. 1. Vopr. St. 28 no. 8:117-118 Ag '68.
Technical competitions during the five-year plan. Let. zhurn. st. nos. 31-34 Ja '68.

06.00(4)—United Kingdom and the Commonwealth

Designing and competition. A. Krasnaya. Let. zhurn. st. nos. 31-34 Ja '68.
Welding techniques at the international exhibition. Let. zhurn. st. nos. 31-34 Ja '68.
London. A. I. Chernov. Let. zhurn. st. nos. 31-34 Ja '68.

06.00(430)—Hungary

Hungarian machine tools at the Budapest International Fair. Moshinostroitel' no. 2:14-16 P '61.

06.00(471.310)—Moscow City

Cabinet gas meter. Khit. i kon. khiz. 16 no. 2:1 F '68.
The Sokolniki in 1968. Vnesh. torg. 49 no. 1:13-14 '68.

06.00(477)—Ukrainian S.S.R.

The exhibit attracted attention. Let. zhurn. st. nos. 31-34 Ja '68.

06.00(478)—Caucasus and Transcaucasia

Looking at the exhibition. A. I. Kiselev. Let. zhurn. st. nos. 31-34 Ja '67.

06.00(71)—Czechia

Industrial complex at the 1970-67. A. I. Kiselev. Let. zhurn. st. nos. 31-34 Ja '68.

06.07 Various activities

From our correspondence. Komm. Vopr. St. 13 no. 8:80 My '68.
International communications of the Academy of Sciences of the Ukrainian S.S.R. V. Kozlov. Dokl. AN Ukr. SSR. A. 30 no. 3:287-288 Mr '68.
Lectures on Soviet labor law delivered in the U.S.S.R. Let. zhurn. st. nos. 31-34 Ja '68.

06.08 Historic, inaugural, commemorative celebrations

Brief notes. Vop. lat. KPSS no. 7:155-158 Ji '68.
The grandeur of Lenin. Nov. vrom. 26 no. 1:1-2 Ag '68.
A great heritage. A. I. Mijin. Let. zhurn. st. nos. 31-34 Ja '68.
On preparations for the centenary of Vladimir Ilyich Lenin's birth: decision of the Central Committee of the CPSU. Nov. vrom. 26 no. 34:35-40 Ag '68.

50 (Continued)

A methodological manual for the study of Marxist-Leninist philosophy. For students of the Correspondence Higher Party School attached to the Central Committee of the CPSU and the universities of Marxism-Leninism. Metodicheskoe posobie po izucheniya marksistsko-leninskoi filosofii. Dlia slushatelei ZVESH pri TsK KPSS i un-ov marksizma-leninizma. Moskva, "Mysl", 1968.

Ch. 2. [Historical materialism.] Istoricheski materializm. 1967. 80 p.

On the active nature of man. A. D. Alekseyev. Vop. filos. 22 no. 7:121-129 '68.

On philosophical literature. Vop. filos. 22 no. 7:176-183 '68.

Philosophical problems in K. Marx's "Das Kapital". Filosofskie problemy "Kapitala" K. Marksa. (Sbornik statei). Moskva, Izd. Mosk. un-ta, 1968. 313 p.

The role of philosophy in the present-day ideological struggle. Vop. filos. 22 no. 7:3-12 '68.

Pozhny, V. P. [Problems of philosophy and sociology in the decisions of the 23d Congress of the CPSU]. Voprosy filosofii i sotsiologii vresheniakh XXIII s'ezda KPSS. Leningrad, 1968. 40 p.

Some quantitative parameters of the periodical "Voprosy filosofii". L. M. Mirskii. Vop. filos. 22 no. 6:145-154 '68.

V. I. Lenin and the philosophical problems of nature study. L. V. Kuznetsov. Priroda no. 4:2-7 Ap '68.

103(474. 2)—Estonian S. S. R.

Development of philosophical thought in Estonia during the Soviet regime. R. H. Niimi and others. Vop. filos. 22 no. 1:14-25 '68.

100(999)—European communist countries as a group

Philosophical articles published in foreign periodicals. Vop. filos. no. 8:184-186 '68.

190(51)—China

Is Alceida or eclecticism? L. V. Nienkov. Vop. filos. 22 no. 7:10-15 '68.

100(575. 3)—Tajik S. S. R.

A meeting with the scholars and scientists of Tajikistan. G. A. Akbarov, E. U. Solov'ev. Vop. filos. 22 no. 3:141-146 '68.

16 METAPHYSICS

The processes of self-regulation and causation. D. S. Ukrainsev. Vop. filos. 22 no. 4:36-46 '68.

113 Cosmology. Philosophy of nature

Empirical and theoretical substantiation of the undivided nature of time. A. M. Zhanov. Vop. filos. 22 no. 7:101-109 '68.

14 PHILOSOPHICAL SYSTEMS

14(4/9. 104)—Capitalist countries of the world

Marxism and present-day bourgeois ideology. A. I. Ardal'ev, I. V. Ikenitskii. Vop. filos. 22 no. 6:155-156 '68.

14(44)—France

A discussion of structuralism in France. I. U. P. Senokosov. Vop. filos. 22 no. 6:172-181 '68.

Evolution of Jean Paul Sartre's philosophical views. G. I. A. Strel'nikov. Vop. filos. 22 no. 3:74-84 '68.

Political philosophy of present-day France. V. F. Kolomoitsev. Vop. filos. 22 no. 4:172-175 '68.

14(73)—United States of America

Philosophy of life of the Americans and the "New left." Howard L. Parsons. Vop. filos. 22 no. 6:89-110 '68.

166.9 PSYCHOLOGY

Brain and psychics. D. I. Dubrovskii. Vop. filos. no. 8:123-135 '68.

Characteristics of the development of an emotional and volitional sphere of the preschool child. V. Kotyrio. Doshk. vosp. 41 no. 2:41-45 '68.

Culture, behavior, and the human brain. A. N. Ievnt'er. Vop. filos. 22 no. 7:50-60 '68.

Emotional stability and the combat activity of an operator. V. I. Kovalov. Vest. protivovozd. obor. no. 7:40-62 JI '68.

Existential psychoanalysis of J.-P. Sartre: intention and results. L. I. Filipov. Vop. filos. 22 no. 7:77-83 '68.

Human engineering and industrial safety. B. F. Lomov, A. D. Bogdanov, A. F. Pakhomov. Vest. vyz. sluzh. 26 no. 7:78 JI '69.

Identification of decoding units in the visual recognition of the elements of a text. R. M. Frunkina, A. P. Vasilovich, M. S. Matkovskii. NTI. Ser. 2 no. 6:3-9 '68.

Is the crew compatible? G. Ivanov. Av. i kosm. no. 6:39-41 Jo '68.

Moral and psychological training of aviators. A. F. Balabanov, V. I. Bushuev. Mor. sbor. 51 no. 4:36-40 Ap '68.

The nature of image. E. I. A. Baftin. Vop. filos. 22 no. 4:57-58 '68.

The nature of phenomena in the field of education. L. A. Levshin. Vop. filos. 22 no. 6:53-68 '68.

Organizational levels of psychological processes as signals. L. M. Bekker. Vop. filos. 22 no. 4:50-66 '68.

Problems of scientific and technical creation. N. G. Alukseev. Vop. filos. 22 no. 3:137-141 '68.

Study of friendly interrelations. A. Bulanova. Doshk. vosp. 41 no. 2:17-22 '68.

Thirty years later. A. V. Pimenkin, V. P. Likovets. Vop. filos. 22 no. 4:150-153 '68.

159.9(478. 22)—Georgian S. S. R.

A letter to the editor. G. S. Gurgelidze. Vop. filos. 22 no. 4:176-177 '68.

16 LOGIC. THEORY OF KNOWLEDGE. REASONING

Logic of evaluation. A. A. Ivin. Vop. filos. no. 8:53-63 '68.

The methods of information theory in gnoseology and logic. A. D. Usul. Vop. filos. 22 no. 6:67-78 '68.

Place of the theory of science in the system of sciences. S. R. Mikulinski. Vop. filos. 22 no. 6:33-42 '68.

Problems of scientific and technical creation. N. G. Alukseev. Vop. filos. 22 no. 3:137-141 '68.

164 Logical calculation and logics

Development of probabilistic and statistical concepts. B. N. Platitsyn. Vop. filos. no. 8:76-86 '68.

165 Theory of knowledge

Dobritinov, V. S. [Methodological problems of theoretical and historical knowledge]. Metodicheskie problemy teoreticheskogo i istoricheskogo poznaniia. Moskva, "Mysl", 1968. 318 p.

Evolution of thinking style in natural sciences. G. V. Sachkov. Vop. filos. 22 no. 4:70-81 '68.

Gunnar Myrdal's methodology of social studies. L. F. Vol'fson. Vop. filos. no. 8:97-105 '68.

Iconic model as a form of thinking in scientific studies. A. V. Slavin. Vop. filos. 22 no. 3:51-62 '68.

More about the active nature of man. A. D. Alekseyev. Vop. filos. 22 no. 7:121-129 '68.

Place of the theory of science in the system of sciences. S. R. Mikulinski. Vop. filos. 22 no. 6:33-42 '68.

[Theory of knowledge and contemporary science]. Teoriia poznaniia i sovremennaya nauka. Pod red. I. S. Predial. A. M. Korshunova. Moskva, 1967. 215 p.

167 Scientific inquiry

Development of probabilistic and statistical concepts. B. N. Platitsyn. Vop. filos. no. 8:76-86 '68.

Iconic model as a form of thinking in scientific studies. A. V. Slavin. Vop. filos. 22 no. 3:51-62 '68.

Difference and investigation. E. P. Nikitin. Vop. filos. no. 8:64-73 '68.

Methods of qualitative transformation of patent information. V. D. Vasil'ev. Vop. izobr. no. 1:41-46 Ja '68.

Problems of studying the creative methods of scientific work. T. I. Kozlovskii. Vop. filos. 22 no. 6:13-52 '68.

168 Scientific systematization

A system of education and the systematization of science. A. A. Il'yanov. Vop. filos. 22 no. 3:38-50 '68.

17 ETHICS. MORALS. CONVENTIONS

About respect. E. I. Sierbičeva. Doshk. vosp. 41 no. 2:60-62 '68.

Characteristics of ethical evaluation. T. V. Kholosova. Vop. filos. 22 no. 4:93-103 '68.

Current problems of ethics discussed in a book by a Polish scholar. M. M. Gurevko. Vop. filos. no. 8:171-174 '68.

[Current problems of Marxist ethics]. Aktualnye problemy marksistskoi etiki. (Sbornik statei). Vstupil. st. i. i. obshch. red. G. D. Bandzeladze. Tbilisi, Izd. Tbil. un-ta, 1967. 485 p.

Development of Marxist-Leninist ethics during the building of socialism in the U. S. S. R. A. G. Kharchev. B. D. Likovets. Vop. filos. 22 no. 4:3-12 '68.

Ethics and our time. N. M. Avorin, G. A. Kontarev, A. I. Khaikin. Vop. filos. 22 no. 4:149-150 '68.

For a scientific and concrete approach to the study of ethical problems. N. A. Golovko, V. S. Markov. Vop. filos. no. 8:146-156 '68.

Individual consciousness and moral values. T. M. Aridangel'skii. Vop. filos. 22 no. 7:67-78 '68.

Lenin and humanity. A. Stojkovic. Vop. filos. 22 no. 4:24-35 '68.

17(4/9. 104)—Capitalist countries of the world

Marx and the tragedy of the bourgeois culture. M. Lushitz. Kommunist 46 no. 6:89-101 Ap '68.

18.01 AESTHETICS AND TASTE

Problems of aesthetics. Mikh. Lifshits. Vop. filos. 22 no. 4:137-147 '68.

K. Marx and the problem of artistic value. G. M. Fridlander. Vop. filos. 22 no. 8:26-32 '68.

Perceptions of industrial aesthetics. V. I. Koshko. Vop. filos. 22 no. 5:24-27 '68.

18.01(73)—United States of America

Present-day American aesthetics. V. P. Shostakov. Vop. filos. 22 no. 7:156-166 '68.

19 HISTORY OF PHILOSOPHY

Correlation between the subject matter of philosophy and the history. Sh. V. Khilashvili. Vop. filos. 22 no. 6:121-130 '68.

[History of philosophy in the U. S. S. R. In five volumes.] Istoriia filosofii v SSSR. V. 5-11. Moskva, "Nauka", T. 1. 1968. 670 p.

History of the philosophy of a particular nation. Z. A. Namenskii. Vop. filos. 22 no. 3:63-73 '68.

Party spirit and historicism in the history of philosophy. V. I. Sokolov. Vop. filos. 22 no. 4:104-115 '68.

Problems of the history of philosophy in the period of socialism. V. I. Chelintseva. Vop. filos. 22 no. 4:116-124 '68.

19(474. 2)—Estonian S. S. R.

Development of philosophical thought in Estonia during the Soviet regime. R. H. Niimi and others. Vop. filos. 22 no. 1:14-25 '68.

19(477)—Ukrainian S. S. R.

Conference on the history of philosophy in the Ukraine. V. S. Gorskii, M. D. Bychakov. Vop. filos. 22 no. 3:132-134 '68.

2. RELIGION

20 RELIGION IN GENERAL

Chmielewski, Henryk. [Christianity and the religions of the world. Translated from the Polish.] Khristianstvo i religii mira. Moskva, Politizdat, 1968. 192 p.

[New Soviet and foreign literature on the problems of ancient and religion]. Nov. sov. i inostr. lit. po vop. star. i rel. nos. 4-5, 7 '68.

20(4/9. 104)—Capitalist countries of the world

A crisis in present-day theology. I. A. Kryukov. Vop. filos. 22 no. 7:150-157 '68.

21 RELIGION AND SCIENCE

Mezentshev, V. A. [Biography of omens]. Biografiia pri-nel. Moskva, "Znanie", 1968. 48 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Kosmopolitizm i religiiia." 5).

Tsaregorodtsev, G. I. [Medicine and religion]. Meditsina i religiiia. Moskva, "Znanie", 1968. 60 p. (Novoe v zhizni, nauka, tekhnika. Seriya "Kosmopolitizm i religiiia." 8).

211 Atheism

[New Soviet and foreign literature on the problems of atheism and religion]. Nov. sov. i inostr. lit. po vop. ateiz. i rel. nos. 4-5, 7 '68.

215 Antireligious propaganda

Give special attention to women! G. Tkachev. Bibliotekar' no. 1:23-26 Ja '68.

Now there are fewer religious people. N. Fayrova. Bibliotekar' no. 1:24-27 Ja '68.

Systematic and purposeful work. V. Dohrynin. Bibliotekar' no. 1:28 D '67.

We have opened a lecture hall. M. Bellaev. Bibliotekar' no. 1:29 D '67.

215(471. 327)—Penza Province

Letters to the editor. Bibliotekar' no. 9:56-60 S '68.

215(477. 8)—Western Ukraine

Approach religious people with a book. V. Babink. Bibliotekar' no. 1:20-27 D '67.

24 RELIGIOUS LIFE

24(4/9. 104)—Capitalist countries of the world

Interaction of religion and bourgeois law in the regulation of family and marriage relations. V. V. Klockov. Sov. gos. i pravo no. 7:122-127 JI '68.

28 CHRISTIAN CHURCHES AND SECTS

Chmielewski, Henryk. [Christianity and the religions of the world. Translated from the Polish.] Khristianstvo i religii mira. Moskva, Politizdat, 1968. 192 p.

Man in the Baptist congregation. L. N. Mitrokhin. Vop. filos. no. 8:42-52 '68.

Studying the history of the Russian Church. A. N. Sakharov. Vop. ist. no. 9:107-178 Je '68.

28(4/9. 104)—Capitalist countries of the world

A crisis in present-day theology. I. A. Kryukov. Vop. filos. 22 no. 7:150-157 '68.

29. NON-CHRISTIAN RELIGIONS AND CULTS

Vagabov, M. V. [Islam and women] Islam i zhenshchina. Moskva, "Mysl", 1968, 230 p.

29(729)—West Indies

Lavretskii, I. R. [Gods in the Tropics, Religious cults of the Antilles] Bogi v tropikakh, Religioznye kul'ty Antil, ostrovov. Moskva, "Nauka", 1967, 180 p.

3. SOCIAL SCIENCES, ECONOMICS, LAW, GOVERNMENT, MILITARY AND NAVAL SCIENCE, EDUCATION

30 SOCIAL SCIENCES

Development of the social sciences in the Ukrainian S. S. R. Report by the Head of the Section of Social Sciences, Vice President of the Academy of Sciences of the Ukrainian S. S. R. I. K. Bilodid. Dop. AN URSR. Ser. A. 30 no. 3: 202-212. M. '68.

Gennar Myrdal's methodology of social studies. L. F. Volfson. Vop. filos., no. 8: 97-108 '68.

Importance of social sciences. L. I. Kask. Izv. vyzn. ucheb. zav.; prav., no. 5: 100-113 N. D. '67.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. blul. nov. knizh. knig, postup. v Bibl. im. V. I. Len. Ser. 3. 11 no. 28: 27-9 '68.

Leningrad Institute for the Improvement of Qualifications now and in the future. D. Trofimov. Vop. ekon., no. 7: 156-157. JI '68.

New books. Part. zhizn' no. 15: 80-5 '68.

[Problems of the bibliography of sociopolitical literature.] Voprosy bibliografii obshchestvenno-politicheskoi literatury. Sbornik statei. Moskva, "Kulga", 1967, 172 p.

Scientific and technological revolution and the guidance of social development. A. S. Akhiezer. Vop. filos., no. 6: 12-23 '68.

[Subjects for tests in social science; for secondary specialized correspondence schools.] Tematika kontrol'nykh rabot po obshchestvovedeniui; dlia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii. Moskva, "Mysl", 1967, 15 p.

30(471.22)—Karelina A. S. S. R.

Petrozavodskii universitet. [Materials of the Scientific Conference of the Departments of Social Sciences, devoted to the 50th anniversary of the Great October Socialist Revolution. October 1967] Materialy Nauchnoi konferentsii kafedry obshchestvennykh nauk, posviashchennoi 50-letii Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Osk. 1967 g. Petrozavodsk, [1967] 176 p.

30(52)—Japan

Dialectics and contemporary social studies. I. D. Rozlovskii. Vop. filos., 22 no. 7: 172-175 '68.

30.02 Children

There should be indexes of recommended literature. I. Viroloinen. Bibliotekar' no. 1: 48-49. Ja '68.

Who try to develop love for books. R. Litvinskii. Bibliotekar' no. 3: 36-37 '68.

30.07 Young people

Let's give special attention to young people. E. Fenclov. Bibliotekar' no. 1: 1-1 S '68.

30.07(471.33)—Bryansk Province

Youth received wages. U. Palatov. Sov. protsohry 24 no. 14: 46-47. JI '68.

30.07(471.62)—Krasnodar Territory

This depends on us ourselves. V. Kirsanov. Sov. protsohry 24 no. 17: 26-20. JI '68.

30.07(497.1)—Yugoslavin

An international conference on the Serbian "Orfidiada." V. R. Sov. slav. no. 3: 114-116. My-Jo '68.

30.22 Women

Amendments of laws on maternity leave. E. A. Pravdina. Sov. gos. i pravo no. 7: 102-105. JI '68.

300.1 Marxism-Leninism

All-powerful because it is true. A. Kuzn. Tekh. i voozuzh. 28 no. 5: 1-3. My '68.

Current problems of historical materialism. A. Chesnokov. Kommunist 45 no. 6: 38-48 Ap '68.

Establishment and development of the theory of scientific communism by K. Marx and F. Engels. K. L. Solov'ev. Vop. filos., 22 no. 3: 108-131 '68.

The everlasting revolutionary theory. Kommunist 45 no. 6: 25-37. Ap '68.

Founder of scientific communism; theses for the 150th anniversary of Karl Marx's birth. Kommunist 45 no. 6: 6-24 Ap '68.

An inspiring thinker and ardent revolutionary. Komm. Voozuzh. Sil. 40 no. 9: 8-13. My '68.

Lenin's analysis of imperialism and modern times. A. M. Verkeenko. Mor. sbur. 61 no. 4: 3-11 Ap '68.

[Marxism-Leninism, a uniform international theory] Marksizm-leninizm - edinoe internacional'noe uchenie. Moskva, Politizdat, 1968, 2 v.

Marxism-Leninism is a science of the building of communism. V. Oreshkin. Vop. ekon., no. 8: 147-150. Ag '68.

Marsdai-Leninist philosophy and the present-day study of Marx's ideas. M. T. Iovchuk. Vop. filos., no. 8: 3-11 '68.

[Principles of scientific communism] Osnovy nauchnogo kommunizma. Izd. 2-e. Moskva, Politizdat, 1967, 576 p.

The role of philosophy in the present-day ideological struggle. Vop. filos., 22 no. 7: 3-12 '68.

To seek counsel from Lenin. Nov. vrem. 26 no. 34: 1-2. Ag '68.

The struggle banner of communist victory. Kommunist 45 no. 6: 63-77 Ap '68.

A wealth of revolutionary forms and the tactics of communist parties. A. Migul'ev. Komm. Voozuzh. Sil. 43 no. 9: 20-28. My '68.

300.11 Marx and Engels, their works

Analysis of conclusions in Marx's works. M. K. Mamarchashvili. Vop. filos., 22 no. 8: 14-25 '68.

Corroboration of the materialistic concept of history by K. Marx. V. S. Vygodskii. Vop. ist., no. 4: 15-31. Ap '68.

The economic theory of K. Marx and the financial problems of socialism. R. Vinokur. Fin. SSR 42 no. 6: 22-34. Je '68.

Establishment and development of the theory of scientific communism by K. Marx and F. Engels. K. L. Solov'ev. Vop. filos., 22 no. 3: 108-131 '68.

First comments on the first Russian edition of "Das Kapital." A. I. Orlovskii. Vop. ist., no. 4: 211-214. Ap '68.

Founder of scientific communism; theses for the 150th anniversary of Karl Marx's birth. Kommunist 45 no. 6: 6-24 Ap '68.

Immortal heritage. I. Lenin. Izh. tovar. no. 5: 6-8 '68.

An inspiring thinker and ardent revolutionary. Komm. Voozuzh. Sil. 40 no. 9: 8-13. My '68.

K. Marx and F. Engels on the revolutionary movement in Russia and Russian revolutionaries. A. K. Vorob'eva. Vop. ist., no. 4: 44-50. Ap '68.

K. Marx and the problem of artistic value. G. M. Filibondor. Vop. filos., 22 no. 6: 26-32 '68.

K. Marx on the state as the political organization of society. L. S. Mamed. Vop. filos., 22 no. 7: 29-37 '68.

Karl Marx and our time. Bibliotekar' no. 5: 1-4 '68.

Karl Marx and problems of the dialectics of the process of cognition. A. I. Golota. Vostoknaria 45 no. 5: 1-4. My '68.

Karl Marx and the criticism of modern bourgeois political economy. E. Hegel. Vop. ekon., no. 7: 77-89. JI '68.

Marx about the national liberation movement. A. Smirnov. Kommunist 45 no. 6: 77-87 Ap '68.

Marx and the political economy of socialism. A. Pashkov. Kommunist 45 no. 6: 46-62 Ap '68.

Marx and the tragedy of the bourgeoisie culture. M. Litshik. Kommunist 45 no. 6: 98-101 Ap '68.

Marx, Karl. [Letters to "Das Kapital"] Pis'ma o "Kapital". Moskva, Politizdat, 1968, 744 p.

Meetings devoted to the 150th anniversary of K. Marx's birth. Sov. gos. i pravo no. 8: 145-150. Ag '68.

New documents. Vop. ist. KISS no. 7: 3-6. JI '68.

[Philosophical problems in K. Marx's "Das Kapital"] Filosofskie problemy "Kapitala" K. Marksa. (Sbornik statei). Moskva, Izd. Mosk. un-ta, 1968, 313 p.

Problems of socialist agriculture and the "Capital" of Karl Marx. R. Akopov. Ekon. sbornik, 43 no. 5: 2-9. JI '68.

Read the first time: organization of the Archives of K. Marx in the U. S. S. R. and the establishment of texts, translation, and publication of his manuscripts. L. I. Agniovskii. Vop. ist., no. 4: 100-124. Ap '68.

[Recommended subjects and plans for independent study of some theoretical problems in schools of party education in the 1968/69 academic year] Primernye temy i plany nekotorykh teoreticheskikh problem dlia samostoiatel'nogo izucheniia v sisteme partinogo obrazovaniia v 1968/69 uchebnom godu. [Moskva] Mosk. rabochii. Vyp. I. [Individual classical works of Marxism-Leninism] Otdel'nye proizvedeniia klassikov marksizma-leninizma. 1968, 28 p.

The struggle banner of communist victory. Kommunist 45 no. 6: 63-77 Ap '68.

300.12 Lenin, his works

Development of the Marxist theory of the socialist state by V. I. Lenin. N. S. Prozorova. Izv. vyzn. ucheb. zav.; prav., no. 1: 7-10. Ja-J '68.

Lenin and aviation. M. Yassov. Tekh. i voozuzh. 26 no. 1: 11. Ja '68.

Lenin and humanity. A. Stojkovic. Vop. filos., 22 no. 4: 21-35 '68.

The Lenin economic cooperation policy and anti-communist ideology. E. Nukhovich. Vop. ekon., no. 8: 76-87. Ag '68.

Lenin on the nature and national types of imperialism. V. Choprakov. Mir, ekon. i mezhdunar. otn. no. 9: 16-26. '68.

Lenin's plan for starting the building of socialism. B. Trushin. Komm. Voozuzh. Sil. 43 no. 2: 14-18. My '68.

300.13 Lenin, his works

Development of the Marxist theory of the socialist state by V. I. Lenin. N. S. Prozorova. Izv. vyzn. ucheb. zav.; prav., no. 1: 7-10. Ja-J '68.

Lenin and aviation. M. Yassov. Tekh. i voozuzh. 26 no. 1: 11. Ja '68.

Lenin and humanity. A. Stojkovic. Vop. filos., 22 no. 4: 21-35 '68.

The Lenin economic cooperation policy and anti-communist ideology. E. Nukhovich. Vop. ekon., no. 8: 76-87. Ag '68.

Lenin on the nature and national types of imperialism. V. Choprakov. Mir, ekon. i mezhdunar. otn. no. 9: 16-26. '68.

Lenin's plan for starting the building of socialism. B. Trushin. Komm. Voozuzh. Sil. 43 no. 2: 14-18. My '68.

300.14 Lenin, his works

Development of the Marxist theory of the socialist state by V. I. Lenin. N. S. Prozorova. Izv. vyzn. ucheb. zav.; prav., no. 1: 7-10. Ja-J '68.

Lenin and aviation. M. Yassov. Tekh. i voozuzh. 26 no. 1: 11. Ja '68.

Lenin and humanity. A. Stojkovic. Vop. filos., 22 no. 4: 21-35 '68.

A meeting devoted to the 90th anniversary of V. I. Lenin's birth. Krat. sob. BKGII no. 2: 137-139 '60.

Problems of national and state construction in the Soviet Constitution. V. M. Gristin, M. I. Kabanov. Vop. ist. KISS no. 7: 21-34. JI '68.

[Recommended subjects and plans for independent study of some theoretical problems in schools of party education in the 1968/69 academic year] Primernye temy i plany nekotorykh teoreticheskikh problem dlia samostoiatel'nogo izucheniia v sisteme partinogo obrazovaniia v 1968/69 uchebnom godu. [Moskva] Mosk. rabochii. Vyp. I. [Individual classical works of Marxism-Leninism] Otdel'nye proizvedeniia klassikov marksizma-leninizma. 1968, 28 p.

[Treasure house of the great ideas of Leninism, "Creative works" of V. I. Lenin] Sokrovishchitsa velikiakh ideil leninizma. O "Polnom sobranii sochinenii" V. I. Lenina. 2-e izd. Moskva, Politizdat, 1958, 270 p.

V. I. Lenin on lawmaking. I. B. Stenik. Sov. gos. i pravo no. 7: 89-93. JI '68.

V. I. Lenin on socialist discipline. A. S. Hagin. Sov. gos. i pravo no. 4: 3-10. Ap '68.

V. I. Lenin on the development of the economic discipline of capitalism. R. A. Livenov. Vop. ist. 22 no. 4: 13-23 '68.

V. I. Lenin on the leading role of the party in the building of communism. V. Stepanov. Part. zhizn' no. 1: 42. S '68.

V. I. Lenin, the great conqueror of Kark Marx's cause. D. M. Kuklin. Vop. ist., no. 4: 3-14 Ap '68.

V. I. Lenin's theory of the democratic dictatorship of the revolutionary people and our time. V. E. Chikobava. Vys. uchen. zav.; prav., no. 6: 13-22. N. D. '68.

300.2 History and development of Marxism-Leninism

New studies on the history of Marxism. S. V. Lebedev. Vop. ist., no. 4: 148-153. Ap '68.

300.3 Historical materialism

Corroboration of the materialistic concept of history by K. Marx. V. S. Vygodskii. Vop. ist., no. 4: 15-31. Ap '68.

Current problems of historical materialism. A. Chesnokov. Kommunist 45 no. 6: 38-48 Ap '68.

[Marxist-Leninist philosophy] Marksistско-leninskaiia filosoffia. Moskva, "Mysl", 1968, 307 p.

[Ch. 2. [Historical materialism] Istoricheskii materializm. 1068, 307 p.

300.4 Theory and tactics of revolution

The overruling revolutionary theory. Kozner 4: 43 no. 6: 25-37. Ap '68.

Results on discussions about a revolutionary strategy. Vop. ist. KISS no. 7: 100-121. JI '68.

300.45 Dictatorship of the proletariat

Unity in international and national objectives of the socialist states. V. Kilmov. Mezhdunar. otn. no. 8: 1-21 '68.

V. I. Lenin's theory of the democratic dictatorship of the revolutionary people and our time. V. E. Chikobava. Vys. uchen. zav.; prav., no. 6: 13-22. N. D. '68.

300.46 Socialism and communism

Marx and the political economy of socialism. A. Pashkov. Kommunist 45 no. 6: 49-62 Ap '68.

300.51 Communist democracy

Drutskii, K. N. [Contemporary revolutionary democracy] Sovremenniaia revoliutsionnaia demokratiia. Moskva, "Znanie", 1968, 48 p. (Novoe v zhizni, nauke, tekhnike. Sorita "Nanch, kommunizm." 8).

300.58 Global communist system

Current problems of historical materialism. A. Chesnokov. Kommunist 45 no. 6: 38-48 Ap '68.

Realization of one and the same will of the party and people. Komm. Voozuzh. Sil. 48 no. 3: 3-7. My '68.

Socialist countries and the political strategy of imperialism. V. Vinitilov. Mir, ekon. i mezhdunar. otn. no. 8: 3-16 '68.

300.58(4.0)—European capitalist countries

Some problems of the labor movement in capitalist countries. A. Cherniaev. Mir, ekon. i mezhdunar. otn. no. 7: 39-51 '68.

300.58(436)—Poland

An anniversary session of the Polish Academy of Sciences. I. B. Grekov. Sov. slav. no. 3: 113-114. My '68.

300.583 Peaceful coexistence of capitalism and communism

Anti-communism and international law. M. I. Lazarev. Sov. gos. i pravo no. 7: 66-75. JI '68.

300.583(4)—Europe

A pattern for European security: Sovremennik. V. V. vrom. 26 no. 33: 5-7. Ag '68.

301 Sociology

- Analysis of consciousness in Marx's works. M. K. Martynovskii. Vop. filos., 22 no. 6:14-25 '68.
- Integration of social sciences. I. I. Kark. Izv. vyz. i nauch. zap., prav. no. 6:100-113 N-D '67.
- Marxist sociology and concrete social studies. A. M. Rukhmanov, G. V. Osipov. Vop. filos., 22 no. 6:3-15 '68.
- Rezhn, V. P. [Problems of philosophy and sociology in the decisions of the 23d Congress of the CPSU] Voprosy filosofii i sotsiologii v resheniiakh XXIII s'ezda KPSS. Leningrad, 1968, 46 p.
- Sociology and some problems of the international communist. D. Ermolenko. Mezhdunar. zhizn' 13 no. 8:67-76 '68.

301.151 Social psychology. Instinct

- Common character of psychological traits as an essential characteristic of a nation. V. M. Zaichenko, K. Sabirov. Vop. ist., no. 5:75-81 May '68.
- Guiding principles of the examination of conflicts. G. L. Smolkin. Vop. filos., no. 8:35-41 '68.
- Kuz'min, E. S. [Principles of social psychology] Osnovy sotsial'nogo psikhologii. Leningrad, Izd. Leningr. univ., 1967, 173 p.
- A seminar on social psychology in Leningrad. A. V. Baranov, A. B. Iyskov. Vop. filos., no. 8:155-157 '68.
- Social psychology and lawless behavior. A. M. Iakovlev. Sov. gos. i prav. no. 7:50-58 JI '68.
- Thirty years later. A. V. Iosifovskii, V. P. Iakovlev. Vop. filos., 22 no. 4:130-153 '68.

301, 151(44)—France

- Concrete study and real facts. T. L. Serebrennaia. Vop. filos., no. 8:177-186 '68.

308 Sociology. Social geography. Social situation

- History of the preparation of the book "A day of the world." V. P. Agapkin. Sov. eluv., no. 3:63-67 May-June '68.
- [News stories of the epoch] Reportazhi epokhi. [Moskva, Politizdat, 1968], 343 p.
- [The U. S. S. R. and the Union republics in 1967. (Reports of the Central Statistical Administration of the U. S. S. R. and the Union republics on the results of fulfilling the state plan for developing the national economy of the U. S. S. R.)] SSSR i souznyye respubliki v 1967 godu. (Sobshcheniia TsSU SSSR i TsSU souznykh respublik ob itogakh vypolneniia gos. plana razvitiia nar. khoz-va. Moskva, "Statistika," 1968, 301 p.
- [The U. S. S. R. in figures in 1967. A brief statistical abstract] SSSR v tsifrakh v 1967 godu. Kratki stat. sbornik. Moskva, "Statistika," 1968, 169 p.

308(177)—Underdeveloped and underdeveloped areas

- Social forces and the prospects of the "Third World." Mir, ekon. i mezhdunar. otn., no. 8:82-97 '68.

308(471)—Russian Soviet Federated Socialist Republic (U. S. F. S. R.)

- [The R. S. F. S. R. in figures in 1967. A brief statistical abstract] RSFSR v tsifrakh v 1967 godu. Kratki stat. sbornik. Moskva, "Statistika," 1968, 128 p.

308(471, 312)—Tula Province

- [Tula, order-bearing city] Tula - gorod ordenanoyni. Tula, Priok. kn. izd., 1967, 78 p.

308(471, 314)—Vladimir Province

- [Vladimir Province during 50 years. A statistical abstract] Vladimirskaya oblast' za 50 let. Stat. sbornik. Vladimir, ["Statistika"], 1967, 144 p.

308(471, 331)—Kalinin Province

- [City on the ancient portage] Gorod na drevnem voloke. Moskva, "Mosk. rabochii," 1967, 363 p. (Not in Rossi gorodov bez slavy).

308(471, 344)—Chuvash A. S. S. R.

- [Chuvashia during the seven-year plan, (1959-1965)] Chuvashia v gody somlekti (1959-1965 gg.) Sbornik stat. Cheboksary, Chuvashskoe kn. izd., 1967, 144 p.

308(471, 41)—Tatar A. S. S. R.

- [Achievements of the Tatar A. S. S. R. on the 50th anniversary of the Soviet regime. A statistical abstract] Dostizheniia Tatarskoi ASSR k 50-letii Sovetskoi vlasti. Stat. sbornik. Kazan', "Statistika," 1967, 141 p.

308(471, 62)—Krasnodar Territory

- [Tuapse and Tuapse District. (History, nature, economy, and regional studies)] Tuapse i Tuapskiy raion. (Istoriia, priroda, ekonomika i kraevedenie). Krasnodar, Kn. izd., 1967, 171 p.

308(471, 63)—Stavropol Territory

- [Stavropol Territory during 50 years. A statistical abstract] Stavropol' za 50 let. Sbornik stat. materialov. Stavropol', Kn. izd., 1968, 219 p.

308(471, 67)—Dagestan A. S. S. R.

- [Along the road of friendship. Dagestan-the Rhodope Mountains in sketches, photographs, and drawings] Dorogoi druzhby. Dagestan - Rodopy v ocherkakh, fotoz. ris. Makhachkala, Dagestgizdat, 1967, 217 p.
- [The October Revolution and solution of the national problem in Dagestan] Oktabr'skaya revoliutsiia i resheniio natsional'nogo voprosa v Dagestane. Makhachkala, Dagestgizdat, 1967, 347 p.

308(474, 2)—Estonian S. S. R.

- [The Estonian S. S. R. during the years of the Soviet regime. A brief statistical abstract] Estonskaja SSR za gody Sovetskoi vlasti. Kratki stat. sbornik. Tallinn, ["Statistika"], 1967, 245 p.

308(474, 3)—Latvian S. S. R.

- [Stepane, L., and R. Treijs. Daugavpils. Riga, "Liesma," 1968, 44 p.

308(474, 5)—Lithuanian S. S. R.

- [Lithuania during half a century of the new epoch] Lietuva za polveka novoi epokhi. Vilnius, "Mintis," 1967, 448 p.

308(476)—White Russian S. S. R.

- [City and years] Horad i hody. [Minsk, "Belarus," 1967] 326 p.

308(478)—Moldavian S. S. R.

- [Outline history of Tiraspol] Ocherki istorii Tiraspolia. Kishinev, "Kishinev moldovianka," 1967, 188 p.

308(479, 2)—Belarus

- [Along the road of friendship. Dagestan-the Rhodope Mountains in sketches, photographs, and drawings] Dorogoi druzhby. Dagestan - Rodopy v ocherkakh, fotoz. ris. Makhachkala, Dagestgizdat, 1967, 217 p.

308(571)—Asianic R. S. F. S. R.

- In memory of M. A. Sergeev. K. D. Porshov. Vop. geog. Kazan., no. 5:188-189 '67.
- [Triumph of the Leninist nationality policy and development of the formerly underdeveloped regions of national minorities in Siberia and the Far East. V. V. Vorob'ov. Dokl. Inst. geog. Sib. i Dal', Vost., no. 10:3-9 '67.

308(571, 122)—Khanly-Mansel National District

- Economic types of the distribution of the population in the Khanly-Mansel National Area. K. N. Misyach. Dokl. Inst. geog. Sib. i Dal', Vost., no. 10:72-81 '67.

308(571, 17)—Kemerovo Province

- [True stories of the Kuznetsk region] Byli zemli Kuznetskoi. Kemerovo, Kn. izd., 1967, 319 p.

308(571, 65)—Chita Province

- Group forms of settlement in Chita Province. L. G. Naumov. Dokl. Inst. geog. Sib. i Dal', Vost., no. 15:72-77 '67.

308(571, 66)—Kamchatka Province

- [Reborn nationalities] Vozrozhdeniye narodov. Vladimirsk, Dal'novost. kn. izd., 1968, 96 p.

308(575, 1)—Uzbek S. S. R.

- Some characteristics of the microgeography of Tadzhikistan. T. Raimov. Izv. Uz. geog. ob-va 5:74-84 '61.
- The world is looking at us. R. Urzayev. Eksp. i zhizn. 10 no. 3:66-68 Kh '68.

308(575, 3)—Tajik S. S. R.

- [The city of Dushanbe on the 50th anniversary of the Great October Socialist Revolution] Gorod Dushanbe k 50-letii Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. Dushanbe, "Statistika," 1967, 112 p.
- [The 50 year struggle for national happiness] 50 let bor'by za narodnoe schast'ie. Dushanbe, "Irfon," 1967, 220 p.

308(66)—West and North Central Africa

- Role of the chieftains in Sierra Leone. M. Frenkel. Az. i Afr. seg. 12 no. 7:20-21 JI '68.

308(67)—Equatorial, South Central and East Africa

- Tropical Africa: intracommunal contradictions. V. Jordan'skii. Mir, ekon. i mezhdunar. otn. no. 9:49-59 '68.

308(914)—Philippines (Republic)

- On the Philippine Islands: travel impressions I to be concluded. V. Abolito. Nov. vrem. 26 no. 36:25-27 S '68.

308(914)—Australia (Commonwealth)

- Time of anxieties and alarm. A. Osipov. Sov. prof. sotsiuz 24 no. 10:38-42 May '68.

31 STATISTICS

- Academic conference devoted to the 50th anniversary of Soviet government statistics. T. Ter. Vest. stat. no. 7:85-87 '68.
- [Bulletin] Inostrannoi kommercheskoi informatsii. [Foreign trade of the U. S. S. R. during the prewar five-year plans, 1929-1940; a statistical abstract] Vneshtorgovaia tor-govlia SSSR v gody dorevnykh piatiletk (1929-1940); statisticheski sbornik. Moskva, 1968, 106 p. (Prilozheniie, no. 6).
- [Decision of the All-Union Conference of Statisticians. Vest. stat. no. 7:67-74 '68.
- [Dispositions on V. N. Starovskii's report. Vest. stat. no. 7:24-31 '68.
- The 50th anniversary of Soviet government statistics. Vest. stat. no. 7:13-14 '68.
- Foreign trade of the U. S. S. R. in 1967. Vneshtorg. 48 no. 7:16-59 '68.
- Hydroelectric power production of the world today. B. Polyak, B. Rukhmanovskii. Mir, ekon. i mezhdunar. otn. no. 9:120-128 '68.
- On the most important problems of improving government statistics: text of a report by V. N. Starovskii, Chief of the Central Statistical Administration of the U. S. S. R. Vest. stat. no. 7:15-25 '68.
- Some problems of bank statistics. I. L. Snor. Den. i kred. 26 no. 1:34-35 JI '68.
- Tendencies of forming stocks of products designated for industrial use in the world economy. T. Chernina. Fin. SSSR 42 no. 7:88-91 '68.
- To the Central Committee of the Communist Party of the Soviet Union. Vest. stat. no. 7:74-75 '68.
- [The U. S. S. R. and the Union republics in 1967. (Reports of the Central Statistical Administration of the U. S. S. R. and the Union republics on the results of fulfilling the state plan for developing the national economy of the U. S. S. R.)] SSSR i souznyye respubliki v 1967 godu. (Sobshcheniia TsSU SSSR i TsSU souznykh respublik ob itogakh vypolneniia gos. plana razvitiia nar. khoz-va. Moskva, "Statistika," 1968, 301 p.
- [The U. S. S. R. in figures in 1967. A brief statistical abstract] SSSR v tsifrakh v 1967 godu. Kratki stat. sbornik. Moskva, "Statistika," 1968, 169 p.
- Use of production equipment in the enterprises of machine-building ministry. Vest. stat. no. 7:88-91 '68.
- 31(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
- [The R. S. F. S. R. in figures in 1967. A brief statistical abstract] RSFSR v tsifrakh v 1967 godu. Kratki stat. sbornik. Moskva, "Statistika," 1968, 128 p.
- 31(471, 314)—Vladimir Province
- [Vladimir Province during 50 years. A statistical abstract] Vladimirskaya oblast' za 50 let. Stat. sbornik. Vladimir, ["Statistika"], 1967, 144 p.
- 31(471, 332)—Smolensk Province
- Daily work of a regional statistician; an essay. A. Termitov. Vest. stat. no. 7:76-83 '68.
- 31(471, 342)—Kirov Province
- [Contribution of Kirov Province to the 50th anniversary of the October Revolution. A statistical abstract] Kirovskaya oblast' k 50-letii Oktabr'skoi sotsialisticheskoi revoliutsii. Gor'kii, "Statistika," 1967, 178 p.
- 31(471, 41)—Tatar A. S. S. R.
- [Achievements of the Tatar A. S. S. R. on the 50th anniversary of the Soviet regime. A statistical abstract] Dostizheniia Tatarskoi ASSR k 50-letii Sovetskoi vlasti. Stat. sbornik. Kazan', "Statistika," 1967, 141 p.
- 31(471, 63)—Stavropol Territory
- [Stavropol Territory during 50 years. A statistical abstract] Stavropol' za 50 let. Sbornik stat. materialov. Stavropol', Kn. izd., 1968, 219 p.
- 31(474, 2)—Estonian S. S. R.
- [The Estonian S. S. R. during the years of the Soviet regime. A brief statistical abstract] Estonskaja SSR za gody Sovetskoi vlasti. Kratki stat. sbornik. Tallinn, ["Statistika"], 1967, 245 p.
- 31(52)—Japan
- Comparative analysis of labor productivity in the U. S. A. and Japan. A. Sharkov. Mir, ekon. i mezhdunar. otn. no. 9:66-73 '68.
- 31(575, 3)—Tajik S. S. R.
- [The city of Dushanbe on the 50th anniversary of the Great October Socialist Revolution] Gorod Dushanbe k 50-letii Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. Dushanbe, "Statistika," 1967, 112 p.
- 31(73)—United States of America
- Comparative analysis of labor productivity in the U. S. A. and Japan. A. Sharkov. Mir, ekon. i mezhdunar. otn. no. 9:66-72 '68.

3, 15(571, 6)—Soviet Far East
Nationalities] Vozrozhdeniye narodnosti. Vlasti-
l'nevesti, kn. izd., 1968, 96 p.

3, 15(571, 6)—Kamchatka Province
is among the islands. M. P. Stel'makh. Vop.
ek., no. 5:122-124 '67.

1 election, agitation and strife
politics. N. Paklin. Nov. vrem. 26
Ag '68.
the national liberation movement. A. Smirnov.
45 no. 6:77-87 Ap '68.

3, 2(4/9, 104)—Capitalist countries of the
world
and seamy sides of bourgeois democracy.
zhizn' 15 no. 8:157-158 '68.
class, the youth, the intelligentsia, ...
Carillo. Nov. vrem. 26 no. 35:8-12 Ag '68.
nationalities and the political strategy of imperial-
ism. M. Mir. ekon. i mezhdunar. otn. '68.

3, 2(41)—United Kingdom and Northern
Ireland

tion in Vietnam and Great Britain. I. I.
Vop. ist. no. 6:65-78 Je '68.

3, 2(430)—Germany
ist Party of Germany was the organizer of
an anti-fascist struggle. A. S. Blank. Vop.
no. 7:74-83 Ji '68.

3, 2(433)—Federal Republic of Germany
is of two camps. V. Mikhailov. Mezhdunar.
no. 8:92-106 '68.

3, 2(437)—Czechoslovakia
against the foreign press. Nov. vrem. 26
Ag '68.

3, 2(53)—Arabia
ism against the "third world." Y. Tatirov.
26 no. 35:16-16 Ag '68.

3, 2(597, 3)—South Vietnam
fighting continues. A. I. Leont'ev. Nov. vrem.
no. 11:8 '68.

3, 2(67)—Equatorial, South Central and East
Africa
turn; a story. James Nengi. Az. i Afr. sog.
no. 3:34 Ji '68.

3, 2(68)—Southern Africa (including Rhodesia)

United Nations, and imperialist intrigues.
V. Ustinov. Mezhdunar. zhizn' 15 no. 8:
'68.

3, 2(8)—South America
idea in the clutches of the agricultural prob-
lem. V. M. Makcenko. Vop. ekon. no. 8:
'68.

income, (income) groups and classes
social and economic conditions on the organiza-
tional service. M. M. Tyvynonko. Parizatsiev.
no. 3:74-77 '67.

social and economic differences between the
village. M. Makcenko. Vop. ekon. no. 8:
'68.

3, 2(4/9, 104)—Capitalist countries of the
world

Carillo, the youth, the intelligentsia, ...
Carillo. Nov. vrem. 26 no. 35:8-12 Ag '68.

3, 2(571, 64)—Buryat A. S. S. R.
in the history of Novaya Bryant', a village of
Buryats. G. I. Okhrimenko. Krat.
no. 2:94-99 '60.

workers (laborers)

3, 2(471, 333)—Bryansk Province
and wages. I. I. Talatov. Sov. profsoyuz
no. 4:47 Ji '68.

3, 2(574)—Kazakh S. S. R.
are flying from Koryevka, ... V. Dol'nikov.
soyuz 24 no. 10:44-45 My '68.

3, 2(58)—South America
idea in the clutches of the agricultural prob-
lem. V. M. Makcenko. Vop. ekon. no. 8:
'68.

324 Elections
Reports and elections in local party organizations.
Part. zhizn' no. 18:9-13 S '68.

324(44)—France
Results of the elections and the National Assembly.
T. Levicova. Mezhdunar. zhizn' 15 no. 8:111-112 '68.

324(45)—Italy
Before the Italian parliamentary elections. M. Narkov.
Mezhdunar. zhizn' 15 no. 5:144-145 '68.

324(483)—Belgium
After the elections. N. Vasil'ev. Mezhdunar. zhizn' 15
no. 5:122-123 '68.

324(73)—United States of America
At the Miami Convention. Harry Freeman. Nov. vrem.
26 no. 33:7-10 Ag '68.
Pre-election anxieties of the trade union bureaucracy in
the United States. G. Morris. Mezhdunar. zhizn' 15
no. 5:70-79 '68.
A spectacle with proper shoptags. I. Orlov. Mezhdunar.
zhizn' 15 no. 5:117-118 '68.

326 Migration, colonization, colonial policy

325(41)—United Kingdom and Northern Ireland
British imperialism against the "third world." E. Taburov.
Nov. vrem. 26 no. 35:15-18 Ag '68.
National Day of India: a commentary. Nov. vrem. 26
no. 33:2-4 Ag '68.
On the Fiji Islands: travel impressions. V. Kasala.
Nov. vrem. 26 no. 33:25-27 Ag '68.

327 International and foreign affairs
[Along the road of friendship. Dagestan-the Rhodope
Mountains in sketches, photographs, and drawings]
Dorogoi družby. Dagestan - Rodopy v ocherkakh,
fotografii, skizhakh. Makhachkala, Dagkholzdat, 1967. 217 p.
Berezkin, A. V. [The October Revolution and the U. S. A.
1917-1922] Otkryvskaya revoliutsiya i SShA. 1917-
1922 gg. Moskva, "Nauka," 1967. 495 p.

InEd
Drozdova, K. M. [Contemporary revolutionary democracy]
Sovremennaya revoliutsionnaya demokratiya. Moskva,
"Znanie," 1968. 48 p. (Rovce v zhizni, nauke, tekhnike,
Sov. izd. "Nauka, kommunizm," 8).
Current problems of world politics. V. G. Gerasimov. Mir.
ekon. i mezhdunar. otn. no. 7:82-101 '68.
Disasters of the Soviet struggle against colonialism by
bourgeois ideologists. A. N. Krasnitskov. Vop. ist.
no. 6:32-45 My '68.

[Documents of the foreign policy of the U. S. S. R.] Dok-
umenty vneshnei politiki SSSR. Moskva, Politizdat,
[T. 13]. 1967. 483 p.

Events, people, and facts. Az. i Afr. sog. 12 no. 7:64-
67 Ji '68.

[Foreign policy of Russia in the 19th and early 20th
century. Documents of the Russian Ministry of Foreign
Affairs. Series I. 1801-1868] Vneshnaya politika Rossii
XIX i nachala XX veka. Dokumenty i osn. mysl. mon. i
del. Seriya I. 1801-1868 gg. Moskva, Politizdat. [In
Russian, German, and French]
[T. 5]. 1967. 784 p.

[International nongovernmental organizations. A guide-
book] Mezhdunarodnye nepravitel'stvennye organizatsii.
Spravochnik. Moskva, "Nauka," 1967. 488 p.

International notes. Nov. vrem. 26 no. 33:23-24 Ag '68.
International notes. Nov. vrem. 26 no. 35:20-21
Ag '68.

International notes. Nov. vrem. 26 no. 36:23-24 S '68.
into the propagandist's notebook. Mezhdunar. zhizn' 15
no. 8:164-165 '68.

Joint communiqué on the meeting of the Political
Bureau of the Central Committee of the CPSU and the
Presidium of the Central Committee of the Communist
Party of Czechoslovakia. Part. zhizn' no. 18:13
Ag '68.

Lebedev, V. V. [International situation of Russia on the
eve of the October Revolution] Mezhdunarodnaya polo-
zheniya Rossii na khatmno Otkryvskoi revoliutsii.
Moskva, "Nauka," 1967. 311 p.

Letters to the editor. Nov. vrem. 26 no. 33:27 S '68.
Letters to the editor. Nov. vrem. 26 no. 36:27 S '68.

[New foreign books on the social sciences; economics,
philosophy, history, international relations] Nov. knigi
za rub. po obshchestv. naukam; ekon., fil., ist., mezh-
dunar. otn. no. 8 Ag '68.

October Revolution and the strategy of peace. A. I.
Krylov. Vop. fil., 22 no. 3:13-13 '68.

On some bourgeois "concepts" of international relations.
G. Gerasimov. Mir. ekon. i mezhdunar. otn. no. 8:18-27
'68.

Results of the negotiations of the Political Bureau of
the Central Committee of the CPSU and the Presidium
of the Central Committee of the Communist Party of
Czechoslovakia in Vienna and the Bratislava Conference
of Representatives of the Communist and Workers'
Parties of the Socialist Countries. Part. zhizn' no. 10:
10 Ag '68.

Simonin, N. A. [Characteristics of national liberation
revolutions] Osobennosti natsional'no-osvoboditel'skikh revoliutsii. Moskva, "Nauka," 1968. 80 p.

[The socialist revolution and modern capitalism] Sosial-
isticheskaya revoliutsiya i sovremennyy kapitalizm. Glav.
red. V. I. Abol'tin. Moskva, "Mysl'," 1968. 397 p.

Sociology and some problems of the international conflict
D. F. Frolenko. Mezhdunar. zhizn' 15 no. 8:87-76 '68.
The Soviet Union and Morocco. Nov. vrem. 26 no. 33:
B S '68.

Statement of the communist and workers' parties of the
socialist countries. Part. zhizn' no. 16:14-18 Ag '68.
World events. Nov. vrem. 26 no. 33:32 Ag '68.
World events. Nov. vrem. 26 no. 35:28 Ag '68.

327(4/9, 104)—Capitalist countries of the world
Revelations in the Persian Gulf area. V. Rodianskii.
Az. i Afr. sog. 12 no. 7:8-10 Ji '68.

327(4)—Europe
European security and relations among the states of the
two systems. Mir. ekon. i mezhdunar. otn. no. 7:102-
121 '68.

European security and relations among the states of the
two systems. Mir. ekon. i mezhdunar. otn. no. 8:72-81
'68.
A pattern for European security: Seven-week. Nov.
vrem. 26 no. 33:5-7 Ag '68.

327(41)—United Kingdom and Northern Ireland
A stillborn project. A. Kamen. Mezhdunar. zhizn' 15
no. 8:130 '68.

327(130)—Germany
Sonia, M. V. [Germans and Europe] Nemtsy i Evropa.
Moskva, "Mezhdunar. otnosheniya," 1968. 167 p.

327(431)—German Democratic Republic
The initiative of the German Democratic Republic.
G. Khimenko. Nov. vrem. 26 no. 35:13 Ag '68.

327(433)—Federal Republic of Germany
Limits to the false peace. K. Kravtsov. Mezhdunar.
zhizn' 15 no. 8:125-126 '68.
Neo-fascist movement and ideology. T. Kriukov. Mezhdunar.
zhizn' 15 no. 8:38-47 '68.
West German intelligence services against Africa.
N. Berlingov. Az. i Afr. sog. 12 no. 7:16-17 Ji '68.

327(437)—Czechoslovakia
About the events in Czechoslovakia. Nov. vrem. 26
no. 35:1-2 Ag '68.
Joint communiqué on the meeting of the Political Bureau
of the Central Committee of the CPSU and the Presidium
of the Central Committee of the Communist
Party of Czechoslovakia. Part. zhizn' no. 18:13 Ag '68.
Results of the negotiations of the Political Bureau of
the Central Committee of the CPSU and the Presidium
of the Central Committee of the Communist Party
of Czechoslovakia in Vienna and the Bratislava Confer-
ence of Representatives of the Communist and Workers'
Parties of the Socialist Countries. Part. zhizn' no. 10:
10 Ag '68.

327(400)—Spain
Spain: social and political battles. V. Nikolov. Mezhdunar.
zhizn' 15 no. 8:84-91 '68.

327(470)—European U. S. S. R.
The international socialist division of labor. I. Maslennikov.
Komm. Vooruzh. Sil. 49 no. 9:60-68 My '68.
Realization of one and the same will of the party and
people. Komm. Vooruzh. Sil. 49 no. 9:3-7 My '68.

327(48)—Scandinavia
American espionage in Northern Europe. V. Nikolaev.
Nov. vrem. 26 no. 33:20-22 Ag '68.

327(489)—Denmark
Danish social democracy. I. I. Komarov. Mir. ekon. i
mezhdunar. otn. no. 7:131-136 '68.

327(486)—European communist countries as
a group
About the events in Czechoslovakia. Nov. vrem. 26
no. 35:1-2 Ag '68.

327(51)—China
Roots to today's Chinese events. Kommunist 45 no. 6:
102-123 Ap '68.

327(52)—Japan
Against the militaristic course. I. I. Kuznetsov. Mir.
ekon. i mezhdunar. otn. no. 9:90-94 '68.
On the eve of 1970. S. Verbitskii. Mir. ekon. i mezhdunar.
otn. no. 8:78-83 '68.

327(539)—Arab countries as a bloc
Overcame the consequences of Israeli aggression.
Ibrahim Zakaria. Vost. prof. div. no. 5:16-18 My '68.

327(540)—India
National Day of India: a commentary. Nov. vrem. 26
no. 33:2-4 Ag '68.

327(597)—Iraq
In connection with the coup d'état in Iraq. G. Mirskii.
Nov. vrem. 26 no. 33:13-13 Ag '68.

"Disagreements" among the aggressors. P. Akimov. *Mekhdunar. otn.* no. 8:126-127 '68.
Overlooked the consequences of Israeli aggression. *Mekhdunar. otn.* no. 5:10-16 '68.

327(6)—Africa

When German intelligence services against Africa. *Mekhdunar. otn.* no. 12:16-17 '68.

327(62)—Northeast Africa, Egypt and Sudan

14 years of struggle. *Asi. Afr. seg.* no. 7:14-15 '68.

327(64)—Morocco and Northwest African Territories

The Soviet Union and Morocco. *Nov. vrem.* no. 24:6-8 '68.

327(728)—Central America

A southern project. A. Karmen. *Mekhdunar. zhizn'* no. 9:15 '68.

327(73)—United States of America

Against the millennial course. *IL Kuznetsk. Mir. ekon. i mezhduar. otn.* no. 9:90-94 '68.
American espionage in Northern Europe. V. Nikolaev. *Nov. vrem.* no. 33:20-22 '68.

Berezkin, A. V. [The October Revolution and the U. S. A. 1917-1922] *Oktyabr'skaya revolyutsiya SSHA. 1917-1922 gg.* Moskva, "Nauka," 1967. 435 p. in 2.

Fruits of a "global" policy. *IL Kuznetsk. Mir. ekon. i mezhduar. otn.* no. 8:35-37 '68.

On the eve of 1970. S. Verbitskii. *IL Kuznetsk. Mir. ekon. i mezhduar. otn.* no. 9:78-83 '68.
U. S. aggression in Vietnam and Great Britain. I. I. Zingulov. *Vepr. i na.* no. 6:55-78 '68.

328 Parliaments and legislative assemblies

328(4-9, 104)—Capitalist countries of the world

The force and decay sides of bourgeois democracy. *Mekhdunar. zhizn'* no. 8:117-130 '68.

328(44)—France

Results of the elections and the National Assembly. T. Leclercq. *Mekhdunar. zhizn'* no. 8:131-132 '68.

328(68)—Southern Africa (Including Rhodesia)

Swaziland has become an independent African state. V. Solov'ev. *Nov. vrem.* no. 26:36-38 '68.

329 Political parties

328(44)—France

Clashes in the Fifth Republic. V. Kolomoitsev. *IL Kuznetsk. Mir. ekon. i mezhduar. otn.* no. 8:124-127 '68.

329(489)—Denmark

Danish social democracy. *IL Kuznetsk. Mir. ekon. i mezhduar. otn.* no. 7:131-136 '68.

329.01 Communist Party of the Soviet Union

Along report and election meetings. *Part. zhizn'* no. 10:42-43 '68.

The active forefront of the CPSU on the 50th anniversary of the organization of the Communist Party of the Ukraine. P. I. Shchegolov. *Vop. ist. KPSS* no. 7:7-20 '68.

Guarding the Soviet borders for half a century. G. Zabolotnyi. *Komm. Vooruzh. Sil.* no. 9:35-41 '68.

Guidance of the CPSU in the formation and development of the working class in Kazakhstan. A. R. Akhmetov. *Vop. ist. KPSS* no. 7:47-62 '68.

How often should conferences of party organization secretaries convene? *Komm. Vooruzh. Sil.* no. 9:84 '68.

Is it possible to call joint conferences and meetings of party committees and of the bureau? *Komm. Vooruzh. Sil.* no. 9:85 '68.

Lenin's plan for starting the building of socialism. B. Trushin. *Komm. Vooruzh. Sil.* no. 9:14-19 '68.

A party group of shift. I. Shchegolov. *Part. zhizn'* no. 10:44-45 '68.

Party organizations on the construction site of the East Siberian hydroelectric power stations. A. N. Zykov. *Vop. ist. KPSS* no. 7:84-93 '68.

Preparations for the centenary of Vladimir Ilich Lenin's birth, decision of the Central Committee of the CPSU. *Part. zhizn'* no. 10:3-12 '68.

Replies received. *Part. zhizn'* no. 10:77 '68.
Reports and elections in local party organizations. *Part. zhizn'* no. 10:9-13 '68.

Should the activists participate at the meetings of the party committees and bureau? *Komm. Vooruzh. Sil.* no. 9:85 '68.

Soviets of shock workers of Communist labor. *Part. zhizn'* no. 10:69-70 '68.

Tasks, composition, and staff of the Institute of Marxist-Leninist attached to the Central Committee of CPSU. *Part. zhizn'* no. 10:20-21 '68.

V. I. Lenin on the leading role of the party in the building of communist. V. Stepanov. *Part. zhizn'* no. 10:18-23 '68.
Volovich, G. M. [Many-sidedness. (Notes on party problems)] *"Mnogostoronnost'."* (Zametki na part. temy). [Izvest.] *Vost.-Sib. kn. izd.* 1967. 65 p.

329.01(471.311)—Moscow Province

A temporary instructor. L. Romanov. *Part. zhizn'* no. 10:41-42 '68.

329.01(471.312)—Tula Province

Socialist labor discipline should be firmly tightened. I. Utkin. *Part. zhizn'* no. 10:29-36 '68.

329.01(471.317)—Kostroma Province

Proposals submitted by participants of party conferences are carried out. *Part. zhizn'* no. 10:68-80 '68.

329.01(471.318)—Kahla Province

A party organization and the scientific and technical intelligentsia. V. Leonchik. *Part. zhizn'* no. 10:55-60 '68.

329.01(471.322)—Lipetsk Province

Work of the Dobrysha party district committee of Lipetsk Province. *Part. zhizn'* no. 10:3-8 '68.

329.01(471.331)—Gordy Province

A few remarks. I. Malakov. *Part. zhizn'* no. 10:19-20 '68.

329.01(471.342)—Kirov Province

Received replies. *Part. zhizn'* no. 10:72 '68.

329.01(471.52)—Baikalsk A. S. S. R.

A businesslike approach and efficiency. A. Komarov. *Part. zhizn'* no. 10:37-39 '68.

329.01(474.2)—Estonsk A. S. R.

The increasing role of workers meetings. *Part. zhizn'* no. 10:70 '68.

329.01(476)—White Russian S. S. R.

Aid to leading enterprises. *Part. zhizn'* no. 10:70-71 '68.

329.01(477)—Ukrainian S. S. R.

The active forefront of the CPSU on the 50th anniversary of the organization of the Communist Party of the Ukraine. P. E. Shchegolov. *Vop. ist. KPSS* no. 7:7-20 '68.

329.01(478)—Moldavian S. S. R.

Let us guard and increase the revolutionary traditions. I. Bodul. *Part. zhizn'* no. 10:24-33 '68.

329.01(574)—Kazakh S. S. R.

Decisions and their implementation. F. Doronovskii. *Part. zhizn'* no. 10:41-43 '68.

Guidance of the CPSU in the formation and development of the working class in Kazakhstan. A. R. Akhmetov. *Vop. ist. KPSS* no. 7:49-62 '68.

329.02 History of the Communist Party of the Soviet Union

Documents and articles on the history of the CPSU and the international communist and labor movement published in May 1968 in periodicals, articles, collections, and scholarly series. *Vop. ist. KPSS* no. 7:142-146 '68.

From G. V. Plekhanov's life and work to be concluded. V. G. Gumenchenko. *Vop. ist. KPSS* no. 6:130-136 '68.

Member of Lenin guards G. M. Ryzhikovskaya review of personal collections in the Central Party Archives of the Institute of Marxism-Leninism. *Vop. ist. KPSS* no. 7:125-130 '68.

Nelidov, N. V., and P. V. Barchugov. [Lenin's school in Leningrad] *Leninskaya shkola v Leningrade.* Moskva, Politizdat, 1967. 78 p.

On some questions in the history of the CPSU during the civil war and military intervention, in connection with the publication of the second book of the 3rd volume of "The History of the CPSU." L. M. Spirin, S. N. Shishkin. *Vop. ist. KPSS* no. 7:35-40 '68.

Province centers of the Russian Social Democratic Party between its second and fourth Congresses. N. I. Kuznetsov. *Vop. ist. KPSS* no. 7:122-124 '68.

[Some problems concerning the strategy and tactics of the Bolshevik Party during the October Revolution] *Nekotorye voprosy strategii i takтики partii bol'shevikov v Oktabr'skoi revolyutsii.* Moskva, "Mysl'," 1968. 444 p.

The ideal of province party organizations in the Central Region in 1918. *Vop. ist. KPSS* no. 7:94-103 '68.

Vorobiova, N. I. [Work of the delegation of the Central Committee of the Russian Social Democratic Party (Bolsheviks) in Stockholm. (April-November 1917)] *Deistvo "nashi" predstavivshiesya TsK RSDRP (b) v Shvetsii.* (Aprel'-noyabr' 1917 g.) Moskva, Izd. polit. lit., 1968. 166 p.

329.02(471.317)—Ural Regions

[Studies in the history of the Kostroma region: 1917-1922 of the CPSU] *Ocherki istorii Kostromskoi organizatsii KPSS. Iaroslavl', Verkh.-Volzh. kn. izd.* 1967. 44 p. in 1.

329.02(471.5)—Ural Regions

Zhurina, V. I., comp. [Summoned by the revolution. (An index of recommended literature)] *Prizvanie k revolyutsii. (Bibliomaterial'nyi ukazatel' literat. ry.)* Sverd' sk. 1967. 68 p.

329.02(476)—White Russian S. S. R.

[Outline history of the Communist Party of White Russian] *Ocherki istorii Kommunisticheskoi partii Belorussii.* Minsk, Gosizdat BSSR.

Ch. 2. 1921-1960. 1967. 588 p.

329.02(571.12)—Tyumen' Province

[The Communists of Western Siberia, 1917-1922. Materials of a conference of social science teachers of schools of higher education of Tyumen' Province, 1967 to the 50th anniversary of the Great October Socialist Revolution. April 10-13, 1967. Section of the history of the CPSU] *Kommunisty Zapadnoi Sibiri, 1917-1922. Materialy Nauch. konferentsii prepodavatelei v shkolyakh vysshego obrazovaniya Tyumenskoi oblasti k 50-letiyu Velikoi Oktobr'skoi revolyutsii.* Tyumen', 1967. 215 p.

329.03 International communist movement

Current international problems and the strategy of the CPSU for the unity of the world communist movement. Resolution of the Plenum of the Central Committee of the CPSU of April 10, 1968. *Kommunist* no. 5:5-6 '68.

Documents and articles on the history of the CPSU and the international communist and labor movement published in May 1968 in periodicals, articles, collections, and scholarly series. *Vop. ist. KPSS* no. 7:146-146 '68.

Humanity and American imperialism. *Dnyen' i noy.* Nov. vrem. no. 36:3-7 '68.

The international socialist division of labor. I. V. Kozlov. *Komm. Vooruzh. Sil.* no. 9:35-41 '68.

International training of agriculturalists in the Soviet Union. *Forum.* 1967-1968. V. A. Nizhnikov. *Vop. ist. KPSS* no. 7:93-97 '68.

K. Marx and the Russian Section of the First International. K. V. Solov'ev. *Vop. ist. KPSS* no. 4:60-73 '68.

Loyalty to proletarian internationalism. *Part. zhizn'* no. 10:22-24 '68.

[Marxism-Leninism: a uniform international theory] *Marxizm-Leninizm - odinova internatsionalnaya teoriya.* Moskva, Politizdat, 1968. 2 v.

The struggle banner of communist victory. *Kommunist* no. 5:63-77 '68.

A wealth of revolutionary forms and the history of communist parties. A. Mikhov. *Komm. Vooruzh. Sil.* no. 9:20-28 '68.

329.01 Communist youth organizations

All-Union Conference of Young Leaders. *ML i zhizn'* no. 3:5-6 '68.

Army reckoning for the youth. *ML i zhizn'* no. 3:31-36 '68.

At the historical Kommunist congress. *ML i zhizn'* no. 3:31-36 '68.

Concern for the education of youth. *Part. zhizn'* no. 10:77-80 '68.

A festival and politics. N. Pavlov. *Nov. vrem.* no. 33:10 '68.

Five leaders awarded in the Kommunist. A. Solov'ev. *Biblioteka* no. 7:5-11 '68.

Gusakov, S. V. [Soviet Andrei] *Sov. Andrei.* Moskva, Politizdat, 1968. 142 p. (Portrait of a Soviet youth leader.)

The Kommunist and libraries. S. Pyl'ov. *Biblioteka* no. 3:5-6 '68.

The Kommunist and the navy. S. P. Pavlov. *ML i zhizn'* no. 10:80-87 '68.

Kommunist members for the anniversary. M. Fokker. I. Kabanov. N. Shof'nik. *Tyl i snab. Sov. Vost. Sil.* no. 9:30-30 '68.

Let us familiarize the young people with the literature. *ML i zhizn'* no. 3:31-36 '68.

Let us fight to new triumphs in the jubilee year. O. Zinchenko. *Komm. Vooruzh. Sil.* no. 9:42-45 '68.

Let's tell our youth about the Kommunist. V. Misharin. *Biblioteka* no. 9:14-10 '68.

On the anniversary watch. *ML i zhizn'* no. 3:31-36 '68.

Preparations for the 50th anniversary of the Lenin Revolution. *Part. zhizn'* no. 10:70-79 '68.

Under conditions of shortened terms of service. D. D. Smirnov. *Vost. protivovozi, labor.* no. 7:24-27 '68.

329.06 Communist children's organizations

As my own father. V. Dubinski. *Part. zhizn'* no. 10:44-45 '68.

Malovov, V. F. [We are not magicians as yet! My book for children.] Moskva, "Mol. gvardia," 1967. 101 p. (Din tokh kio rabotao s pionerami.)

- 43(9, 104) — Capitalist countries of the world
- Evolutionary forms and the tactics of parties. A. Nikol'shev. Komm. Vooruzh. 20-21 May '68.
- 46(130) — Germany
- The Party of Germany was the organizer of antisocialist struggle. A. S. Blank. Vop. 7:74-83 31 '68.
- 46(137) — Czechoslovakia
- Program on the meeting of the Political Bureau Committee of the CPSU and the Presidential Committee of the Communist Party of Czechia. Part. zhizn' no. 10:13 Ag '68.
- 48(44) — France
- The Party and the policy of the Communist Party. Mir. ekonom. i mezhdunar. otn. no. 4:147-151 '68.
- 46(400) — Finland
- Part of Finland's working class. Tuure Zhizn' no. 10:73-76 S '68.
- 46(406) — European communist countries as a group
- The representatives of the communist and the socialist countries. Part. zhizn' Ag '68.
- Internationalism. Part. zhizn' Ag '68.
- Negotiations of the Political Bureau of the CPSU and the President of the Committee of the Communist Party of Czechia and the Bratislava Conference of the Communist and Workers' Parties of Socialist Countries. Part. zhizn' no. 10:14-18 Ag '68.
- Communist and workers' parties of countries. Part. zhizn' no. 10:14-18 Ag '68.
- International and national objectives of the CPSU. V. Klimov. Mezhdunar. zhizn' 15 '68.
- 49(51) — China
- [Hilly-hourglass revolutionism. Trotskizm, and Maoism] Melkhorazhaz. (Ob analizu trotskizma i trotskizma i chiney. Politsit, 1967, 150 p. Chinese events. Kommunist 45 no. 6: 1968.
- 49(73) — United States of America
- John F. Kennedy, as I know him. Trans. English. I. Vencok. Dzhinn Rid, kaklin in v. "Khudozh. It." 1967, 343 p.
- Social democrats
- Chumachenko's life and work (to be con- Chumachenko. Vop. Ist. no. 5:131-145 '68).
- 44(41) — United Kingdom and Northern Ireland
- Struggle against reformism. V. K. Zhizn' no. 4:132-43 Ag '68.
- 44(430) — Germany
- Vop. Ist. KTS no. 7:3-10 Ji '68.
- 44(433) — Federal Republic of Germany
- The West German Social Democratic Party. K. Nizhegorodskii. Mezhdunar. zhizn' 10 '68.
- 46(62) — Japan
- Today. G. Rakhovskii. Az. i Afr. 48-50 Ji '68.
- Communist parties
- 44(433) — Federal Republic of Germany
- Social democratic periodical on neo-German Federal Republic. A. S. Blank. 1968-201 My '68.
- ECONOMY. ECONOMICS
- System of socialist society] Ekonomichesko-sotsialisticheskogo obshchestva. Pod red. Moskva, "Mysl", 1967, 199 p.
- Qualified cadres in economics. N. I. Vys. zhizn' 20 no. 7:3-14 Ji '68.
- Economic system of socialism. A. Pashkov. no. 6:49-62 Ag '68.
- New foreign books on the social sciences: economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezh-dunar. otn. no. 8 Ag '68.
- New foreign economic literature] Nov. inostr. ekon. lit. no. 7 '68.
- A new journal of Hungarian economists. F. Kozma. Mir. ekon. i mezhdunar. otn. no. 7:137-139 '68.
- [New Soviet economic literature] Nov. sov. ekon. lit. no. 6 '68.
- Program of a course in political economy. For schools of economics and economics departments of special secondary schools (250 hours).] Programma kursa politicheskoi ekonomii. Dlia ekonomicheskikh tekhnicheskikh i ekonomicheskikh otdelenii srednikh spetsial'nykh uchebnykh zavedenii (250 chasov). Moskva, "Mysl", 1967, 45 p.
- Rating auxiliary operations in deep prospecting drilling. V. I. Seryutkin, V. N. Seryutkin, A. P. Serzhin. Razved. otkr. 32 no. 11:23-31 N '68.
- Scientific and practical workers suggest. Vest. vyz. 26 no. 7:14-18 Ji '68.
- 33(41) — United Kingdom and Northern Ireland
- Antik. A. V. [Adam Smith] Adam Smith. Moskva, "Mol. gvardia", 1968, 255 p. (Zhizn' zamechatel'nykh liudei. Seriya biografi. Vyp. 3 (44)).
- 330 General concepts of economics
- On the ways to determine economic efficiency. G. U. Teplov. Mekh. i avtom. stroit. 22 no. 1:54-55 '68.
- 330.1 General principles, laws and systems of economics
- Bourgeois theories of the world economy. III. O'sevely. Mir. ekon. i mezhdunar. otn. no. 9:3-15 '68.
- Lean on the nature and national types of imperialism. V. Chuprakov. Mir. ekon. i mezhdunar. otn. no. 9:16-26 '68.
- Modern economics and some methodological "suggestions" for economic measurements. G. Burshtin. Vop. ekon. no. 8:117-121 Ag '68.
- Objective nature of economic laws and the economic operations of the socialist society. I. A. Kurov. Vop. ekon. no. 7:89-92 Ji '68.
- [The socialist revolution and modern capitalism] Sotsialisticheskaya revoliutsiya i sovremennyy kapitalizm. Glav. red. V. I. Alodina. Moskva, "Mysl", 1968, 397 p.
- Stanley G. Gustavovich Strumlin. Vstupl. stat'ia L. E. Minin. Dzhinn Rid, sost. G. M. Frensholm. Moskva, "Nauka", 1968, 100 p. (Materialy k biobibliografii uchenykh SSSR. Seriya ekonomiki, Vyp. 4).
- Sukharevskii, B. M. [Incentives in industry and economic aspects of socialism. (Problems of theory and practice)] Stimulirovaniye proizvodstva i ekonomika sotsializma. (Voprosy teorii i praktiki). Moskva, "Ekonomika", 1968, 93 p. (Khoz. reforma i problemy ekonom. teorii).
- Theory of the reproduction of the means of production and the current problems in the methodology of planning. A. Kurukli. Vop. ekon. no. 7:13-13 Ji '68.
- V. I. Lenin on the development of the economic characteristics of capitalism. R. I. A. Eszterov. Vop. filos. 22 no. 4:13-23 '68.
- 330.1(4/9, 104) — Capitalist countries of the world
- Karl Marx and the criticism of modern bourgeois political economy. F. Brogel. Vop. ekon. no. 7:27-30 Ji '68.
- 330.115 Mathematics of economics. Econometry
- Criteria for evaluating the level of the organization of labor, production and management. Comprehensive approach plus objective evaluation. Sots. Irud 13 no. 9: 67-85 Je '68.
- Criteria for the evaluation should be objective. S. Nikhalskii. Sots. Irud, 13 no. 5:107-110 My '68.
- Determining the entire optimal solutions of a linear programming problem. E. I. A. Remez, A. S. Stetsberg. Dokl. AN SSSR 181 no. 3:550-553 Ji '68.
- Forecasting the demand of the population. V. Bredov. A. Levin. Vop. ekon. no. 7:55-66 Ji '68.
- How to determine the efficiency of incentives for increasing labor productivity? I. U. Galushko. Sots. Irud 13 no. 6:36-40 Je '68.
- Improving planning and computers. N. Kovalov. Plan. khoz. 45 no. 9:52-60 S '68.
- Justifying norms for the deductions into incentive funds. I. Drize. Sots. Irud 13 no. 6:49-54 Je '68.
- Mathematical model of a graph of production output satisfying the demands of complementation of an assembly. E. N. Kazantsev. Vostok AN SSSR. Ser. fiz.-mat. nav. no. 1:53-60 '68.
- Method for evaluating the level of labor organization in the glass industry. G. Chubarov. Sots. Irud, 13 no. 5: 91-100 My '68.
- Optimum inter-product balance in a branch. L. Dudkin. Plan. khoz. 46 no. 9:61-66 S '68.
- Taking into consideration the quality and quality of norms. A. Gal'isov. Sots. Irud, 13 no. 6:118-124 My '68.
- 330.19(41) — United Kingdom and Northern Ireland
- "Economic" policy of the Labor party. V. Grachev. Mezhdunar. zhizn' 15 no. 5:143-144 '68.
- On the development of the post-war sterling, the income policy, and some lessons of "freezing." E. Anstis. Sov. profsoyuz 24 no. 14:33-34 Ji '68.
- 330.19(51) — China
- Larenska, I. V. [Great leap" and people's communes in China] "Bol'shoi skachok" i narodnye kommuny v Kitae. Moskva, "Polizdat", 1968, 143 p.
- 330.19(68) — Southern Africa (including Rhodesia)
- What is Zambia. S. Kulik. Nov. vrem. 26 no. 33-28-30 Ag '68.
- 330.2 Organization and cooperation in the economic sphere. Reorganization, reform, etc.
- The development of democratic Korea. Nov. vrem. 26 no. 36-37 S '68.
- Distortion of the Soviet struggle against colonialism by bourgeois ideologists. A. N. Krasil'nikov. Vop. Ist. no. 5:32-45 My '68.
- Economic and technical cooperation of the U. S. S. R. with African countries. D. Degt'yar. Vnesh. Iorg. 48 no. 2:2-5 '68.
- Economic and technical cooperation with Turkey. G. Bekarevich. Vnesh. Iorg. 48 no. 7:26-29 '68.
- The Egyptian Hydraulic Engineering Complex. G. Bekarevich. Vnesh. Iorg. 48 no. 10:14-15 '68.
- Profitable cooperation. V. Mikheev. Vnesh. Iorg. 48 no. 7:3-6 '68.
- Great October Socialist Revolution and the new type of economic relations between socialist countries. M. Polazhko. Razved. otkr. nedr 34 no. 4:4-8 Ag '68.
- The Lenin economic cooperation policy and anti-communist ideologists. E. Nikholskii. Vop. ekon. no. 8:76-87 Ag '68.
- U. S. S. R. - Africa: without profit. M. Zakhinski. Az. i Afr. seg. 12 no. 7:5-7 Ji '68.
- 330.2(177) — Undeveloped and underdeveloped areas
- A different Japanese version of the "Colombo Plan." N. Arkad'ev. Mezhdunar. zhizn' 15 no. 8:129-130 '68.
- The economic system is the main arena of struggle. Az. i Afr. seg. 12 no. 7:2-4 Ji '68.
- Profitable cooperation. V. Mikheev. Vnesh. Iorg. 48 no. 7:6-9 '68.
- The Lenin economic cooperation policy and anti-communist ideologists. E. Nikholskii. Vop. ekon. no. 8:70-87 Ag '68.
- Western consulting firms in the developing countries. D. Koldobskii. Vnesh. Iorg. 48 no. 10:36-40 '68.
- Who is responsible for the economic backwardness of the "Third World"? M. Lavrichenko. Mezhdunar. zhizn' 15 no. 8:58-66 '68.
- 330.2(4/9, 103) — Communist countries of the world
- Developing scientific and technical cooperation among socialist countries. A. Ilykov. Vop. ekon. no. 8:50-66 Ag '68.
- Profitable cooperation. V. Mikheev. Vnesh. Iorg. 48 no. 7:6-9 '68.
- Industry of the socialist countries: cooperation and progress. A. Ivanov. I. U. Smerov. Mezhdunar. zhizn' 15 no. 8:46-57 '68.
- Mutually profitable cooperation. V. Zolotarev. Vnesh. Iorg. 48 no. 10:2-5 '68.
- A powerful front of support to struggling Vietnam. N. Kolov. Part. zhizn' no. 10:25-28 Ag '68.
- 330.2(4/9, 104) — Capitalist countries of the world
- Fruits of a "global" policy. I. U. Slonovskii. Mezhdunar. zhizn' 15 no. 8:30-37 '68.
- Israel and the imperialist monopolies. S. Nikolaev. Mezhdunar. zhizn' 15 no. 8:147-149 '68.
- Neocolonial nature of imperialist "aid" to African countries. R. Logovinskaya. Fil. SSSR 42 no. 8: 81-87 Ag '68.
- Who is responsible for the economic backwardness of the "Third World"? M. Lavrichenko. Mezhdunar. zhizn' 15 no. 8:68-69 '68.
- 330.2(4) — Europe
- European security and relations among the states of the two systems. Mir. ekon. i mezhdunar. otn. no. 8:72-81 '68.
- 330.2(4, 0) — European capitalist countries
- The Common Market: results of 10 years. B. Zhelnik. Mir. ekon. i mezhdunar. otn. no. 7:60-63 '68.
- Growth or stability? K. Borisova, I. U. Borko. Mir. ekon. i mezhdunar. otn. no. 8:115-120 '68.
- 330.2(406) — European communist countries as a group
- The international socialist division of labor. I. Maslennikov. Komm. Vooruzh. Sil. 48 no. 9:59-65 My '68.

330, 2(519, 17)—North Korea
The development of democratic Korea. Nov. vrem. 26 no. 36-8-9 S '68.

330, 2(52)—Japan
A different Japanese version of the "Colombo Plan." N. Arkad'ev. Mezhdunar. zhizn' 15 no. 8 129-130 '68.

330, 2(560)—Turkey
Economic and technical cooperation with Turkey. G. Bakarevich. Vnesh. torg. 48 no. 7 28-29 '68.

330, 2(569, 1)—Syria
The Euphrates Hydraulic Engineering Complex. G. Bekarevich. Vnesh. torg. 48 no. 10-14-15 '68.

330, 2(569, 4)—Israel
Israel and the Imperialist monopolies. S. Nikitov. Mezhdunar. zhizn' 15 no. 8 147-149 '68.

330, 2(6)—Africa
Economic and technical cooperation of the U.S.S.R. with African countries. D. Deglar. Vnesh. torg. 48 no. 9-10 '68.
Neocolonial nature of imperialism "aid" in African countries. R. Logovinskaya. Izv. SSSR 42 no. 8 11-12 Ag '68.
U.S.S.R. - Africa: and human profit. M. Zafitskii. Az. i Afr. sv. 12 no. 7-8-7 II '68.

330, 2(62)—Northwest Africa, Egypt and Sudan
For the irrigation and drainage system of the United Arab Republic. I. Khotsalov. Vnesh. torg. 48 no. 10-10-13 '68.

330, 2(73)—United States of America
Fruits of a "global" policy. I. U. Shvedkov. Mezhdunar. zhizn' 15 no. 8 30-37 '68.

331 Labor, Work, Employment
Autocracy and the laboring classes; some problems in the policy of the capitalist government. L. M. Ivanov. Vop. ist. no. 6 38-55 Je '68.
Efficient use of the labor resources. M. Somin. E. Zhil'noy. Vop. ekon. no. 7 14-34 Ji '68.
Kashin, L. A., K. S. Remizov, and A. S. Packratov. [Labor economics. Methodological instructions for correspondence students of faculties of economics of state universities.] Ekonomika truda. Metodicheskie ukazaniia dlia studentov-zachetnikov ekonomicheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd. Mosk. un-ta, 1967, 48 p.
Labor conditions and the economics of textile enterprises. N. Kalitina. Sots. trud. 13 no. 2 83-87 F '68.
[Labor economics. Practical manual for correspondence students taking courses at faculties of economics of state universities.] Ekonomika truda. Prakt. posobie dlia studentov-zachetnikov ekon. fak. gos. un-ov. Pod obshch. red. K. S. Remizova. Moskva, Izd. Mosk. un-ta, 1967, 83 p.
The labor resources: their efficient use and training. D. Konychev. Vop. ekon. no. 8 150-153 Ag '68.
Naroyanskii, N. G. [Social necessity and labor under socialism.] Otshechestvennaya potrebnost' i trud pri sotsializme. [Aroslav]. [Verkh. -Volzh. kn. izd.]. [Ch. 1]. 1967, 238 p.
Novozhilov, S. S. [The scientific organization of labor, a necessity of the] NOT - velenie zhizni. Moskva, "Znanie," 1968, 150 p. (Nar. int. Tekhn.-ekon. fak. 2-3).
Illegal conference on labor protection. A. Dzenar. Sots. trud. 13 no. 7 37-39 Ji '68.
Saitani, G. G. [Methods of keeping records of capacity for work.] Metody ucheta rabotosposobnosti. Moskva, "Ekonomika," 1968, 63 p. (B-chka NOT).
The sociological status to work. E. Vannash. Sots. trud. 13 no. 5 82-93 My '68.
Solidarity and unity. L. L. Saitani. Vsem. prof. dvizh. no. 3 1-2 My '68.
Sphere of service and problems of labor productivity. A. Kortagin. Mir. ekon. i mezhdunar. otn. no. 7 73-81 '68.
The theory of labor productivity. N. Lebedev. Vop. ekon. no. 7 112-115 Ji '68.
Use of labor resources efficiently. N. Labellin. Sots. trud. 13 no. 5 20-28 My '68.
Work of the Institute of Labor. Sots. trud. 13 no. 5 154-157 My '68.
Workers-machine-tool operators: the organization of wages and labor productivity. P. Parfenov, M. Shor. Sots. trud. 13 no. 2 26-32 F '68.

331(41, 0)—European capitalist countries
Some problems of the labor movement in capitalist countries. A. Chorniaev. Mir. ekon. i mezhdunar. otn. no. 7 39-51 '68.

331(41)—United Kingdom and Northern Ireland
Mochol'skii, N. F. [The labor movement in England on the eve of the Second World War. (1934-1939) Rabochee dvizhenie v Anglii nakanune vtoroi mirovoi volny. (1934-1939 gg.)] Moskva, Izd. Mosk. un-ta, 1968, 352 p.

331(44)—France
ver France. I. U. Rubinskii. Mir. ekon. i mezhdunar. otn. no. 8 07-103 '68.

331(471, 320)—Tambov Province
Respect for labor. V. Golovchikov. Sov. profsoyuzy 24 no. 14 19-11 II '68.

331(474, 2)—Estonia S. S. R.
How to eliminate labor turnover. A. Kochetov. Sov. profsoyuzy 24 no. 14 20-21 Ji '68.
Improve the work with personnel. E. Pappet. Fin. SSSR 42 no. 8 62-64 Ag '68.

331(477)—Ukrainian S. S. R.
The law of steady growth of labor productivity under socialism. A. Chayevska. Ekon. Rat. Ukr. 10 no. 4 17-25 Ap '68.

331(480)—Finland
An active vanguard of Finland's working class. Tuure Lehten. Part. zhizn' no. 10 73-76 S '68.

331(52)—Japan
Anatomy of the "Japanese miracle." D. Petrov. Nov. vrem. 26 no. 36 19-22 S '68.
Comparative analysis of labor productivity in the U. S. A. and Japan. A. Shastkov. Mir. ekon. i mezhdunar. otn. no. 8 60-72 '68.

331(571)—Atlantic R. S. F. S. R.
New benefits for the workers in the Far North. A. Gushchik. Sov. profsoyuzy 24 no. 11 43-45 Je '68.

331(574)—Kazakh S. S. R.
Guidance of the CPSU in the formation and development of the working class in Kazakhstan. A. N. Akhmetov. Vop. ist. KPSS no. 7 49-62 II '68.

331(72)—Mexico
Legal regulation of the work of the employees of governmental agencies in Mexico. V. I. Levonov. Izv. vys. ucheb. zav.; prav. no. 1 95-102 Ia-F '68.

331(73)—United States of America
Comparative analysis of labor productivity in the U. S. A. and Japan. A. Shastkov. Mir. ekon. i mezhdunar. otn. no. 8 60-72 '68.

331.1 Industrial relations: workers and employers
Concrete sociological surveys and labor discipline. A. A. Abramova, A. M. Kravtsovskaya. Sov. gos. i prav. no. 6 40-48 Ag '68.
Holding more than one job. M. Litseimkova. Sots. trud. 13 no. 6 147-157 Je '68.
Kalininskaya, L. M., and V. I. Nikul'skii. [Service records of workers and employees.] Trudovye knizhki rabotnikov i sluzhashchikh. [Moskva] Profizdat, 1968, 80 p. (B-chka profsoyuznogo aktivista. 13(205)).
Legal nature of social relations relating to the participation of workers in administration of industry. V. T. Pankov. Izv. vys. ucheb. zav.; prav. no. 6 23-33 N-D '67.

331, 1(4/0, 104)—Capitalist countries of the world
"Human relations": Ideological aspects. E. Vilkhachenko. Mir. ekon. i mezhdunar. otn. no. 9 112-110 '68.

331, 1(471, 312)—Tul' Province
Socialist labor discipline should be firmly lighted. I. Uraz. Part. zhizn' no. 16 20-30 Ag '68.

331, 1(471, 314)—Vladimir Province
This is demanded by the collective labor agreement. T. Shkumatova. Sov. profsoyuzy 24 no. 11 6-9 Ji '68.

331, 1(471, 41)—Tatar A. S. S. R.
The collective labor agreement makes for obligations. Z. Sharifullin. Sov. profsoyuzy 24 no. 13 13-14 Ji '68.

331, 1(471, 62)—Krasnodar Territory
Your attitude toward the people. V. Kirsanov. Sov. profsoyuzy 24 no. 14 44-45 Ji '68.

331, 1(477)—Ukrainian S. S. R.
To what arbitrary action leads. I. Minarov. Part. zhizn' no. 18 30-40 S '68.

331, 1(477, 0)—Crimea
No personal offense. M. Osipenko. Part. zhizn' no. 18 70 S '68.

331, 1(571, 17)—Kemerovo Province
One of the Ershov workers dynasty. A. Troitskii. Part. zhizn' no. 16 72-73 Ag '68.

331, 1(571, 611)—Taymyr National District
Under the guise of a "labor of truth." V. Chebykin. Sov. profsoyuzy 24 no. 13 26-27 Ji '68.

331, 1(73)—United States of America
Occupational selection of workers in enterprises of the U. S. A. I. Kiselev. Sots. trud. no. 6 125-134 Je '68.
331.2 Wages, salaries, pay
Consultation on problems of wages. Izv. i otk. naiz. 34 no. 4 55-60 Ap '68.

Consultation on the problem of bonuses and monetary payments to senior drilling foremen. Izv. i otk. naiz. no. 11 58-59 N '68.
Experience in wages without advance payments. N. Kobanov, I. Serzhin, V. Potrenko. Sots. trud. 13 no. 6 53-58 Je '68.
Goloshchapov, V. A., comp. [The accountant's manual for settling accounts with workers and employees.] Spravochnik bukhgaltera po rascheta s rabotnikami sluzhashchimi. Moskva, "Finansy," 1967, 151 p.
Guaranteed wages for collective farmers in operation. T. Rumiankev. L. Pakhorskii. Sots. trud. 13 no. 2 30-47 F '68.
Important benefit for female textile workers. I. Saitani. Sots. trud. 13 no. 2 48-50 F '68.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud. 13 no. 2 144-145 F '68.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud. 13 no. 2 153-154 My '68.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud. 13 no. 6 157-158 Je '68.
Kamenskii, I. N. [Wages and material incentives in enterprises.] Zarabotnaya plata i materialnye stimulirovaniia na uchebnykh shkolakh. Moskva, "Nedra," 1967, 111 p.
[Labor and wages of forestry and lumber workers.] Trud i zarabotnaya plata rabotnikov lesnogo khozaystva i lesozapovedov. Izv. 2-o, pererabot. i dop. Moskva, "Lesnaya prom-st'," 1967, 408 p.
Modern economics and some methodological "suggestions" for economic measurements. G. Buz'shtin. Vop. ist. no. 8 117-121 Ap '68.
Paying wages and issuing bonuses to workers of enterprises. Sots. trud. 13 no. 2 137-143 F '68.
Protecting wages against unlawful deductions. S. Zaitsevskii. Sov. profsoyuzy 24 no. 13 45-47 Ji '68.
Regional coefficients to wages. Sots. trud. 13 no. 2 152 My '68.
Wage rates for machine-tool operators and their ratings. Sots. trud. 13 no. 6 147-148 Je '68.
The wage system on state farms. V. Zhukov. Gos. i mir. Ekon. i tekhn. 43 no. 5 30-33 Je '68.

331, 2(4/0, 104)—Capitalist countries of the world
The "income policy" and the laboring class. F. Bardalov. Mir. ekon. i mezhdunar. otn. no. 9 38-13 '68.

331, 2(477)—Ukrainian S. S. R.
Quantity and quality: paying hourly-bonus wages when normal assignments are given. V. Orlov. Sots. trud. 13 no. 5 51-57 My '68.
Wages stimulating the quality of construction. A. Saitani. Sots. trud. 13 no. 5 58-60 My '68.

331.3 Categories of labor and employment
Combining jobs for diversified machinery servicing in the cement industry. A. M. Barolov, S. I. D. N. Kuznetsov. NIT'Senaria no. 21 80-84 '68.
Labor consumption for the production of cement in the national economy and methods of its determination. V. I. Vozolintsev. Nauch. snob. NIT'Senaria no. 21 54-58 '68.

331.6 Unemployment, shortage of labor, etc.

331, 6(720)—West Indies
The fortunes of the islands of the West Indies. I. E. K. itn. Nov. vrem. 26 no. 35 14-15 Ag '68.

331.7 Skilled and unskilled labor

331, 7(4/0, 104)—Capitalist countries of the world
The proletariat, the youth, the intelligentsia... Santiago Carillo. Nov. vrem. 26 no. 35 8-12 Ag '68.

331, 7(471, 318)—Kaluga Province
A party organization and the scientific and technical intelligentsia. V. Lesnichin. Part. zhizn' no. 18 56-80 S '68.

331.8 Hours, conditions, organization, etc.
Accurate calculation, businesslike approach, and crossiveness. I. Matygin, I. Orlov. Sov. profsoyuzy 24 no. 10 8-10 My '68.
Amendments of laws on maternity leave. I. A. Prashin. Sov. gos. i prav. no. 7 102-105 Ji '68.
Be more careful in handling freon. A. M. Petrov. Vest. svizn' 28 no. 6 27 My '68.
Blagoveshchenskii, N. S., and V. E. Segalov. [The communist labor movement. Answers to questions.] Dvizhenie za kommunalicheskiy trud. Otvet na voprosy. [Moskva] Profizdat, 1968, 64 p. (B-chka profsoyuznogo aktivista. 19(21)).
Care for the industrial safety of communication workers. I. E. Lebedev. Vest. svizn' 28 no. 5 28-29 My '68.

(continued)

Index, B. Vladimirov. Plan. khoz. 45
51 S. '68.
Competitions for fulfilling the five-year plan
time. Strel. Irkutsk. 11 no. 3:1-3 Mr. '68.
Workweek and labor productivity. A. Davba.
11 no. 1:17-26 Je. '68.
Five-year plan ahead of schedule! Zakup.
Irkutsk. no. 2:1-2 Mr. '68.
Summer leisure time. Sov. profsoyuz 24
19:11 '68.
Evaluation of working conditions in the operation
of machines. N. Kh. Guseinov. Strel. Irkutsk.
11 no. 2:17-17 Je. '68.
The work and rest schedule of merchant seamen.
Sov. profsoyuz 13 no. 6:104-107 Je. '68.
Of the masses and the reform. Sots. Irkutsk.
3:10 My '68.
On the importance and some methodological 'angstions'
of measurements. G. Burshteyn. Vopr. ekon.
12:1 Apr. '68.
L. A. [Control of trade unions over the ob-
servance of legislation on working hours and rest per-
iods] profsoyuz 24 za sobluzheniem zakonodatel'stva o rabochoy vremeni i vremeni otdykha. [Mo-
skva], Profizdat, 1968. 94 p. (B-chka profsoyuznogo
aktivista. 17 (200)).
Overcome the consequences of Israeli aggression.
Irkutsk. Vsem. prof. divzh. no. 5:10-15
My '68.
Results of the Sixth Conference of the Trade-Union of
Workers of the Local Industries and Municipal and
Service Enterprises. Zhil. i kom. khoz. 10 no. 2:2-3
F. '68.
Reinforce the ideological work experience. Sov. prof-
soyuz 21 no. 10:12-13 My '68.
Shelepin, A. N. [Annual report of the All-Union Central
Council of Trade Unions to the 14th Congress of Trade
Unions of the U.S.S.R., February 27, 1968] Otechestnyy
doklad Vsesoyuznogo Tsentral'nogo Soveta Proles-
sionnykh Soyuzov XIV s'ezdu profsoyuzov SSSR.
27 febr. 1968 g. [Moskva], Profizdat, 1968. 71 p.
Solidarity and unity. L. S. Saitov. Vsem. prof.
divzh. no. 5:1-2 My '68.
Stamps or account sheets? Sov. profsoyuz 24 no. 11-
27 Je. '68.
Sud'bin, I. M. [Accounting and reporting in trade-union
organizations] Vechi i otchetnost' v profsoyuznykh
organizatsiyakh. [Moskva], Profizdat, 1968. 46 p.
(B-chka profsoyuznogo aktivista. 20(212)).
The trade union movement and Vietnam. Vsem. prof.
divzh. no. 5:3-11 My '68.
Train stanch and tough builders of communism! Sov.
profsoyuz 24 no. 11:1-3 Je. '68.
Useful exchange of opinions. Boris Denisov, Naian
Gusinskiy. Vsem. prof. divzh. no. 5:26-28 My '68.
Work with people is the main thing. Sov. profsoyuz
24 no. 11:1-3 Je. '68.
331.8(474.104)—Capitalist countries of the
world.
The mine and the miner. I. G. Lohrman. Vsem. prof.
divzh. no. 5:28-31 My '68.
331.8(474.104)—German Democratic Republic
Leaders of socialism encourage upon trade unions.
R. Vildanov. Sov. profsoyuz 24 no. 13:40-41 Je. '68.
Useful exchange of opinions. Boris Denisov, Naian
Gusinskiy. Vsem. prof. divzh. no. 5:26-28 My '68.
331.8(474.104)—Austria
When the giant sleeps... Egon Kodicek. Vsem. prof.
divzh. no. 5:17-18 My '68.
331.8(474.104)—Poland
The production and the worker. M. Marlin. Sov. prof-
soyuz 24 no. 13:36-37 Je. '68.
331.8(474.104)—Moscow City
Mass organized work of the plant committee? We are
for it! "Ekspress". Plan. D. Piatkovskiy.
Sov. profsoyuz 24 no. 14:22-23 Je. '68.
331.8(474.104)—Vladimir Province
This is demanded by the collective labor agreement.
T. Shkumakova. Sov. profsoyuz 24 no. 14:8-9 Je. '68.
331.8(474.104)—Kursk Province
In the trade union group of Tamara Kantelicheva.
A. Zhilina. Sov. profsoyuz 24 no. 11:10-12 Je. '68.
331.8(474.104)—Voronezh Province
Theoretical studies of trade union personnel. V. Ehtisov.
Sov. profsoyuz 24 no. 13:15-17 Je. '68.
331.8(474.104)—Saratov Province
It was discussed and... I. I. Palatov. Sov. prof-
soyuz 24 no. 10:30-31 My '68.
331.8(474.104)—Perm Province
When the telephone is silent... A. Vashukov. Sov.
profsoyuz 24 no. 10:14-15 My '68.
331.8(474.104)—Sverdlovsk Province
There are plant committees. M. Lar'ionovskaya. Sov.
profsoyuz 24 no. 11:13 Je. '68.
331.8(474.104)—Krasnodar Territory
The trade union committee is the helper of the manage-
ment. A. Khomikov. Sov. profsoyuz 24 no. 10:20-
21 My '68.

331.8(474.104)—Latvian S.S.R.
Perseverance and a fighting spirit. IU. Stalinski.
Sov. profsoyuz 24 no. 11:18 Je. '68.
331.8(477)—Ukrainian S.S.R.
Man should be the position. P. Evdov. Sov. profsoyuz
24 no. 13:10-11 Je. '68.
Man and the reform. A. Stetsenko. Sov. profsoyuz
24 no. 10:10-12 My '68.
Time to work and time to rest. I. Kozits. Sov. prof-
soyuz 24 no. 10:25 My '68.
331.8(476)—Finland
American espionage in Northern Europe. V. Nikolov.
Nov. voin. 26 no. 3:120-22 Ag. '68.
331.8(495)—Greece
The WITH appeals for the support of Greek democracy.
Vsem. prof. divzh. no. 5:34-35 My '68.
331.8(497.2)—Bulgaria
A new power of democracy. T. Stoyan Stoyanovskiy.
Vsem. prof. divzh. no. 5:22-26 My '68.
331.8(52)—Japan
Problem of the unity of trade unions. V. Kilyanov. Mir.
ekon. i mezhdunar. otn. no. 9:100-111 '68.
The voice of "Zikakahi." V. Kilyanov. Azi. i Afr. seg.
12 no. 7:43-51 '68.
331.8(560)—Turkey
Why there was a split. A. Prokhorovich. Sov. profsoyuz
24 no. 11:17 Je. '68.
331.8(574)—Kazakh S.S.R.
Why was the law violated. M. Korshinov. Sov. prof-
soyuz 24 no. 10:28 My '68.
331.8(8)—South America
The government strives to split trade unions. Angel
D'Alipolito. Vsem. prof. divzh. no. 5:13-21 My '68.
Foot of courage. Evg. Vasil'ov. Sov. profsoyuz 24
no. 10:17-18 My '68.
331.87 Incentives, decorations, bonuses, etc.
Awards to the best. Avt. transp. 40 no. 2:58 F. '68.
Calculating the economic efficiency of bonus systems.
F. Klimenko, N. Kravchenko, V. Olsnikov. Sots. Irkutsk.
13 no. 2:10-25 F. '68.
Developing systems of paying bonuses for production
quality. B. Skugarskiy. Sots. Irkutsk. 13 no. 2:10-18
F. '68.
For enterprises using the Saratov System. IU. Kara-
manov. I. Galtchik. Sots. Irkutsk. 13 no. 6:41-48 Ja. '68.
For workers of enterprises on practice in changing over
to the new system of planning and economic incentives.
Sots. Irkutsk. 13 no. 2:51-53 F. '68.
For workers of enterprises on practice in changing over
to the new system of planning and economic incentives.
Sots. Irkutsk. 13 no. 5:60-61 My '68.
For workers of enterprises on practice in changing over
to the new system of planning and economic incentives.
Sots. Irkutsk. 13 no. 6:50-66 Je. '68.
Formation of the economic incentive funds. T. Lavrynt-
skiy. T. Solovyanova. Ekonom. Rud. Ukr. 10 no. 4:34-
41 Ap. '68.
Formation of the material incentive fund. N. Maslova.
Vopr. ekon. 10 no. 8:40-48 Ag. '68.
High awards. Gidr. stroit. 37 no. 12:1 D. '68.
In the Presidium of the Supreme Soviet of the U.S.S.R.
Gidr. stroit. 37 no. 12:1-2 D. '68.
In the State Commission on Problems of Labor and Wages
of the Council of Ministers of the U.S.S.R. and the
All-Union Central Council of Trade Unions. Sots.
Irkutsk. 13 no. 5:153-154 My '68.
In the State Commission on Problems of Labor and Wages
of the Council of Ministers of the U.S.S.R. and the
All-Union Central Council of Trade Unions. Sots.
Irkutsk. 13 no. 6:457-158 Je. '68.
Issuing bonuses for technological innovations. Sots.
Irkutsk. 13 no. 5:142-146 My '68.
Korshinov, I. N. [Wages and material incentives in coal
mines] Zarnobitnaya plata i material'noe stimulyrovani-
e na ugol'nykh shakhtakh. Moskva, "Nedra," 1967. 161 p.
Legal rules which regulate the disposition of incentive
funds in industrial enterprises. M. I. Baru. Sov. gos.
i pravo no. 7:29-35 Je. '68.
The material incentive fund. V. Kulikov. Den. i kred.
26 no. 7:22-27 Je. '68.
New system of awards at installations. I. M. Gladina.
G. M. Polashnik. Stroit. mat. 13 no. 7:13-14 Je. '67.
On some problems of providing incentives for technologi-
cal progress. V. Gogorov, I. Zotova. Vopr. ekon. 10 no. 7:
100-112 Je. '68.
Paying wages and issuing bonuses to workers of enter-
prises. Sots. Irkutsk. 13 no. 2:137-143 F. '68.
Sukharovskiy, B. M. [Incentives in industry and eco-
nomic aspects of socialism. (Problems of theory and
practice)] Stimulyrovaniye proizvodstva i ekonomika
sotsializma. (Voprosy teorii i praktiki). Moskva,
"Ekonomika," 1968. 94 p. (Khoz. reforma i problemy
ekon. teorii).

331.97(431)—German Democratic Republic
Stimulating the quality of articles in the national enter-
prise of "Karl Zeiss Jena." Martin Dietrich. Sots.
Irkutsk. 13 no. 2:64-68 F. '68.

Changes in the financial planning and economic incentives in the industry of the People's Republic of Poland. G. Barzava, D. Bulakov. Fin. SSSR 42 no. 7:79-85 '88.

331, 97(471, 310)—Moscow City

Economic incentives in the construction of residential buildings. S. Tsenin, Z. Merzon. Sots. kred. 13 no. 2:33-38 '68.

331, 97(471, 315)—Ivanovo Province

Distribution of the material incentive fund. V. Liton. Vop. ekon. no. 8:121-127 '68.

331, 97(471, 341)—Gorky Province

In accordance with the glorious traditions of the working class. S. Zappelen, Part. zhizn. no. 16:59-61 '68.

331, 97(471, 44)—Saratov Province

The art of production and incentives for increasing the quality of production in a shoe factory. T. Samara, V. Mavrin. Sots. kred. 13 no. 5:48-50 '68.

331, 97(471, 62)—Krasnodar Territory

Measures for recommending. V. Spiridonov. Sots. kred. 11 no. 5:4-45 '68.

332.1 Banking

Brief information on foreign exchange and banks abroad. Den. kred. 26 no. 6:91-92 '68.

Brief information on foreign exchange and banks abroad. Den. kred. 26 no. 7:85-87 '68.

Centralized disbursement on railroads. V. Churikov. Den. kred. 26 no. 6:26-30 '68.

Conferences and seminars. Den. kred. 26 no. 7:92-93 '68.

Financing and issuing long-term credits for capital investments of consumer's cooperatives. V. Ilovikova, M. Maslitska. Den. kred. 26 no. 7:83-88 '68.

From our readers' letters. Den. kred. 26 no. 6:70-75 '68.

In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. SSSR 42 no. 6:91-92 '68.

In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. SSSR 42 no. 7:95-96 '68.

In the Board of Directors of the State Bank of the U.S.S.R. Den. kred. 26 no. 6:93 '68.

In the Board of Directors of the State Bank of the U.S.S.R. Den. kred. 26 no. 7:86-87 '68.

Some problems of bank statistics. I. Ushor. Den. kred. 26 no. 7:34-35 '68.

Velutskaya, N. I., O. I. Lavrinskii, and I. D. Mironova. (Bank interest) Bankovskii protsent. Moskva, "Finansy," 1967, 71 p.

332, 1(4/9, 103)—Communist countries of the world

Conference of the Council of the International Bank for Economic Cooperation. Den. kred. 26 no. 6:93 '68.

In the Permanent Committee on Foreign Exchange and Finance of the Comecon. I. Lukin. Fin. SSSR 42 no. 9:84-86 '68.

332, 1(4/9, 104)—Capitalist countries of the world

Statistics and economic information. Mir. ekon. i mezhdu-nar. otn. no. 9:153-156 '68.

332, 1(41)—United Kingdom and Northern Ireland

What is the significance of the formation of the "Big Three" in England. E. Solntsev. Den. kred. 26 no. 7:73-81 '68.

332, 1(471, 324)—Voronezh Province

Organization of economic work. D. Kurlov. Den. kred. 26 no. 8:13-16 '68.

332, 1(471, 326)—Tambov Province

The accounting of a city branch is performed at the machine accounting center of statistical administration. T. Krasnina. Den. kred. 26 no. 6:69-81 '68.

332, 1(471, 327)—Izmena Province

Improving the practice of issuing credit and making payments. V. Kugor. Den. kred. 26 no. 6:35-38 '68.

332, 1(471, 63)—Stavropol Territory

There is a lot to be done. V. Martynov. Den. kred. 26 no. 8:31-33 '68.

332, 1(476)—White Russian S.S.R.

Bank control over the fulfillment of financial plans by collective farms. I. Kulesh. Den. kred. 26 no. 7:40-41 '68.

332, 1(477)—Ukrainian S.S.R.

State Bank branch under the new conditions. F. Repetil. Den. kred. 26 no. 6:33-34 '68.

332, 1(571, 14)—Novosibirsk Province

We discuss and suggest. Den. kred. 26 no. 7:58-61 '68.

332, 1(574)—Kazakh S.S.R.

Training of and building up personnel. S. Mironov. Den. kred. 26 no. 7:57-58 '68.

332, 1(575, 3)—Tajik S.S.R.

Training of bank personnel. F. Ismailov. Den. kred. 26 no. 6:69-70 '68.

332.2 Savings banks, savings

332, 2(471, 12)—Vologda Province

Our experience. N. Shakhlov. Den. kred. 26 no. 7:54-55 '68.

332, 2(471, 324)—Voronezh Province

Work of our district savings banks. I. Lobnitskii. Den. kred. 26 no. 7:53-54 '68.

332, 2(471, 311)—Gorky Province

Help of the volunteers. T. Kovalev. Den. kred. 26 no. 6:67-68 '68.

332, 2(477)—Ukrainian S.S.R.

Mass work in the savings banks. V. Sovinskii. Den. kred. 26 no. 6:65-66 '68.

Take into consideration the new conditions of developing savings banks. A. Pivka. Den. kred. 26 no. 6:63-65 '68.

332, 2(674)—Kazakh S.S.R.

Influence of conversion on the growth of savings. A. Marinda. Den. kred. 26 no. 6:62-63 '68.

332.4 Money, Mint currency, Coins

332, 4(4/9, 104)—Capitalist countries of the world

Chizhov, K. I. A. (International foreign currency exchange and financial organizations of capitalism) Mezhdunarodnye valyutno-finansovye organizatsii kapitalizma. [12-c dop. izd.] Moskva, "Finansy," 1968, 223 p.

332, 4(470, 24)—Azerbaijan S.S.R.

Some problems of work on currency circulation. G. Datin. Den. kred. 26 no. 7:52-53 '68.

332, 4(494)—Switzerland

Switzerland parts with silver. M. Hoshchko. Mir. ekon. i mezhdu-nar. otn. no. 8:127-128 '68.

332, 4(72)—United States of America

The U.S.A. dollar on the path to devaluation. K. Chichov. Fin. SSSR 42 no. 8:71-80 '68.

332, 4(8)—South America

A fitting phantasm. K. Yarasov. Mezhdunar. otn. no. 8:77-83 '68.

332.5 Fiduciary money, Paper and special currencies, Money substitutes, Rates of exchange

Brief information on foreign exchange and banks abroad. Den. kred. 26 no. 6:91-92 '68.

Brief information on foreign exchange and banks abroad. Den. kred. 26 no. 7:85-87 '68.

332, 6(4/9, 103)—Communist countries of the world

In the Permanent Committee on Foreign Exchange and Finance of the Comecon. I. Lukin. Fin. SSSR 42 no. 9:84-86 '68.

332, 6(4/9, 104)—Capitalist countries of the world

France and the foreign exchange contradictions of modern imperialism. I. Krasavina. Mir. ekon. i mezhdu-nar. otn. no. 8:47-51 '68.

332, 6(41)—United Kingdom and Northern Ireland

The pound sterling after the devaluation. V. Komarov. Vnesh. torg. 48 no. 9:27-31 '68.

332, 6(44)—France

France and the foreign exchange contradictions of modern imperialism. I. Krasavina. Mir. ekon. i mezhdu-nar. otn. no. 8:47-51 '68.

332.6 Exchange, Financial market, Capital investment

Ratios, deficit, and devaluation. M. Mironov. Mezhdunar. otn. no. 8:155-157 '68.

332, 6(49, 104)—Capitalist countries of the world

Movement of capital between the developed capitalist countries and the developing countries. A. Chokulov. Mir. ekon. i mezhdu-nar. otn. no. 7:27-38 '68.

332, 6(4, 0)—European capitalist countries

American challenge to Europe. J. J. Senn. Sots. kred. 13 no. 8:130-131 '68.

A French publicist's challenge? I. Ushor. Sots. kred. 13 no. 8:131-132 '68.

International market of capital in Western Europe. L. Serebrnikova. Den. kred. 26 no. 6:33-34 '68.

332, 6(73)—United States of America

American challenge to Europe. J. J. Senn. Sots. kred. 13 no. 8:130-131 '68.

A French publicist's challenge? I. Ushor. Sots. kred. 13 no. 8:131-132 '68.

International market of capital in Western Europe. L. Serebrnikova. Den. kred. 26 no. 6:33-34 '68.

332, 6(8)—South America

Foreign capital in Latin America. P. Shkrip. Mir. ekon. i mezhdu-nar. otn. no. 8:129-133 '68.

332.7 Credit

The bank and the enterprise under the new conditions. A. Kuyurov, L. Chervonitskii. Den. kred. 26 no. 7:34-35 '68.

Credit and the supply of material and capital. M. Egirova. Den. kred. 26 no. 7:35-36 '68.

Current problems in improving the financing of production. P. Pashchenko. Fin. SSSR 42 no. 9:84-86 '68.

From practice in issuing credits for construction and private housing construction. D. Pukhov. Den. kred. 26 no. 7:70-78 '68.

Issuing credit for the total loan required. V. Val. I. Mannova, I. Urtskalo. Den. kred. 26 no. 7:70-78 '68.

Some problems of bank statistics. I. Ushor. Den. kred. 26 no. 7:34-35 '68.

Strengthening the role of credit in production for productive work under the new conditions. Den. kred. 26 no. 7:34-35 '68.

332, 7(471, 318)—Kaluga Province

Issuing credit for capital assets. I. Zelenin. Den. kred. 26 no. 7:44-46 '68.

332, 7(471, 327)—Izmena Province

Improving the practice of issuing credit and making payments. V. Kugor. Den. kred. 26 no. 6:35-38 '68.

332, 7(471, 45)—Volgograd Province

Planning for issuing long-term credits to collective farms. A. Mozdor. Den. kred. 26 no. 6:42-43 '68.

332, 7(471, 55)—Chelyabinsk Province

Some problems of interrelations between the bank and the enterprise under the new conditions. P. Pashchenko. Den. kred. 26 no. 6:36-38 '68.

332, 7(471, 66)—Chechen-Ingush A.S.S.R.

Role of credit in the strengthening of collective farms located in the mountains. M. Akhmedov. Den. kred. 26 no. 6:33-34 '68.

332, 7(474, 5)—Lithuanian S.S.R.

Credit security. A. Kalina. Den. kred. 26 no. 6:44-45 '68.

332, 7(476)—White Russian S.S.R.

First results of an experimental procedure for credit to trade. G. Zysman. Den. kred. 26 no. 6:22-25 '68.

Problems of issuing direct credit to collective farms. V. Smirnov. Den. kred. 26 no. 7:32-33 '68.

332, 7(72)—Mexico

Role of the state credit system in the economic development of Mexico. A. Pavlenko. Den. kred. 26 no. 8:83-86 '68.

333 Land and property. Real estate

Economic evaluation of land in agriculture. I. I. Shkova. Vop. ekon. no. 8:80-104 '68.

Evaluation of natural resources and the efficiency of the use of the productive forces. Sh. Rozental. Den. kred. 26 no. 6:76-84 '68.

Governmental administration of nationalized land in the U.S.S.R. M. I. Kozyl. Sov. gos. i prav. no. 1:1-10 '68.

History of the theory of Soviet laws on land tenure and protection of nature. N. D. Kazandov. Den. kred. 26 no. 7:15-23 '68.

Object of the land tenure rights of collective farms. V. R. Kuplov. Vnesh. torg. 48 no. 9:27-31 '68.

333(4, 0)—European capitalist countries

Problem of landownership in the prefeudal and early feudal societies of Western Europe. A. I. Gerasimov. Vop. ist. no. 4:88-105 '68.

333(44)—France

Evolution of ground rent in France. I. Ushor. Mir. ekon. i mezhdu-nar. otn. no. 8:63-71 '68.

9.883 O . 69 . 11

- 338.4 (Continued)
- Problems of the organization of regional planning and distribution of production. I. Starovollenko, F. Kuznetsov. Vop. ekon. no. 7:25-33 Ji '68.
- Regional planning capital assets on the indices of labor management. V. E. Kirichenko, Stroi. trubezhov, 13 no. 3:20-29 Ji '68.
- Some problems in the distribution of industry. S. Davilov. Flak. khoz. 45 no. 9:27-35 S '68.
- 338.4(4.0)—European capitalist countries
- Statistics and economic information. Mir. ekon. i mezhdu. nar. otn. no. 9:153-156 '68.
- 338.4(571)—Atlantic R. S. F. S. R.
- Achievements of the socialist system of distribution of productive forces and the new geography of industry in Siberia and the Far East. V. A. Krotov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 18:10-17 '67.
- Dolzhnykh, V. N. [Industry of the Lake Baikal region and the effectiveness of its development] Industriya Pri-baikalia i effektivnost' ee razvitiia. [Irkutsk], Vost. - Sib. kn. izd., 1967, 184 p.
- Prospects for the development and distribution of the mineral fertilizer industry in Eastern Siberia. M. A. Tarakanov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 15: 63-71 '67.
- Special aspects of the distribution of building material enterprises in Eastern Siberia. I. M. Bulin. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 18:66-71 '67.
- Special features of the formation of regions of close production contacts in the new zone of reclamation of land in Eastern Siberia. V. I. Rykov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 15:58-64 '67.
- 338.5 Price and value. Cost
- Consultations on economic estimate problems. Ghit. stroi. 37 no. 8:51-52 Ag '67.
- Deflection appropriated for the budget for reimbursing expenditures for prospecting work. V. Volodikhin. Fin. SSSR 42 no. 6:67-69 Je '68.
- Factors of price determination and transportation rates. I. I. Kuznetsov. Trudy Soluz. Mor. i Morsk. no. 15:4-12 '67.
- Relative prices for the young mine. G. Titin. Ekon. sel'khoz. 43 no. 5:112-113 '68.
- Methods of determining economic efficiency of the production of Portland slag cement. F. R. Silitskaya, M. A. Kulikova. Trudy Soluz. Mor. i Morsk. no. 31:46-50 '68.
- Payment for water resources. S. G. Zaitsevskii. Plan. khoz. 45 no. 9:67-75 S '68.
- Price determination on the world freight market of tramp tonnage. L. G. Chupanova. Trudy Soluz. Mor. i Morsk. no. 10:91-102 '67.
- Production cost indices and the new conditions of management. K. Kolesova, V. Nikitin. Vop. ekon. i mezhdu. nar. otn. no. 7:115-120 Ji '68.
- Time and production and marketing costs. Sh. Turetskii. Vop. ekon. no. 8:3-13 Ag '68.
- 338.5(4/9.103)—Communist countries of the world
- Objective principles of developing the price system in the trade among socialist countries. K. Popov. Vop. ekon. no. 8:67-75 Ag '68.
- 338.5(477.0)—Donbas Basin
- Improving planning for mining operations in active mines. M. Ferdinand. Fin. SSSR 42 no. 8:40-51 Ag '68.
- 338.6 Organization of production
- 338.6(476)—White Russian S. S. R.
- Economic efficiency resulting from increased reliability of automated equipment. L. G. Breus. Prom. Del. 0 no. 5:6-7 Je '68.
- 338.6(52)—Japan
- Restoration of Japanese monopolies. N. Kulagova. Mir. ekon. i mezhdu. nar. otn. no. 9:101-105 '68.
- 338.9 Factors of production. Form of economy, etc.
- Coordinating the norm for the profitability of production funds with the norm for the efficiency of supplementary capital investments. F. Ilderskha. Vop. ekon. no. 7:124-126 Ji '68.
- Drorov, F. A., and V. P. Karavaev. [Effectiveness of capital investments in construction] Effektivnost' kapital'nykh vlozhenii v stroitel'stvo. Minsk, "Nauka i tekhnika," 1968, 171 p.
- Economic efficiency of capital investments in procurement. I. Rabinovich. Mat. tekhn. snabzh. 3 no. 1:25-32 Ja '68.
- Effectiveness criterion of technical progress and capital investments. S. I. Il'in. Nauch. soob. NITSe-monta no. 19:51-58 '68.
- Establishing norms for the working capital of industrial enterprises. G. Safrai. Fin. SSSR 42 no. 7:30-37 '68.
- For workers of enterprises on practice in changing over to the new system of planning and economic incentives. Sois. trud. 13 no. 2:51-53 F '68.
- Grouping enterprises for establishing norms for incentives. O. Enlov. Vop. ekon. no. 7:120-121 Ji '68.
- Initiative of the masses and the reform. Sois. trud. 13 no. 6:3-10 My '68.
- Optimum interproduct balance in a branch. L. Dudkin. Plan. khoz. 45 no. 8:61-66 S '68.
- 338.9(4/9.103)—Communist countries of the world
- Industry of the socialist countries: cooperation and progress. A. Ivanov, I. Semenov. Mezhdu. nar. otn. 15 no. 8:48-57 '68.
- 338.9(4.0)—European capitalist countries
- American challenge to Europe. J. J. Servan-Schreiber. Mir. ekon. i mezhdu. nar. otn. no. 8:130-141 '68.
- A French publicist's challenge? Yu. Ostrovtsov, I. N. Kikina. Mir. ekon. i mezhdu. nar. otn. no. 8:131-139 '68.
- 338.9(471.52)—Bashkir A. S. S. R.
- [Economic efficiency of capital investments and production funds. As exemplified by the chemical industry of Bashkiria] Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i proizvodstvennykh fondov. Na primere khim. prom. sl. Bashkiri. Moskva, "Nauka," 1968, 247 p.
- 338.9(476)—White Russian S. S. R.
- [Return of expenditures in agriculture] Otkupnost' zhitel' v sel'skom khoz. i sel'sk. Minsk, "Urozhai," 1967, 109 p.
- 338.9(478.35)—Armenian S. S. R.
- Egizaryan, B. O. [Evaluating the economic efficiency of capital investments in industry] Otsenka ekonomicheskoi effektivnosti kapital'nykh vlozhenii v promyshlennosti. Erevan, Izd. AN Arm. SSR, 1968, 207 p.
- 338.9(575)—Central Asia
- Nikolai Grigor'evich Tsapenko; on his 60th birthday. N. V. Smirnov. Izv. Uzb. geog. ob-va 5:102-103 '61.
- 338.9(8)—South America
- Joint-stock companies in Latin American countries. A. Cristini. Vneshtorg. 40 no. 9:57-59 '68.
- 338.91 Capital. Labor. Raw materials. Natural energy
- Khorov, D. S. [Urban settlements in the U. S. S. R. (Problems of their growth and study). Studies on the geography of settlements] Gorodskie poseleniia SSSR. (Problemy razvitiia i izucheniia). Ocherki geografii razvitiia. Moskva, "Mysl'," 1968, 256 p.
- [The Northwest Economic Region] Severo-Zapadnyi ekonomicheskii raion. Moskva, "Nauka," 1967, 302 p.
- 338.91(571.66)—Kamchatka Province
- Overall utilization of Kamchatka's natural resources. I. K. Kabanichuk. Vop. geog. Kamch. no. 5:124-128 '67.
- 338.91(9)—Oceania
- Mukhin, G. I. [Australia and Oceania] Avstraliia i Okeaniia. Izd. 2-o, pererabot. i dop. Moskva, "Prosvetshenie," 1967, 376 p. (Posobie dlia uchiteliei).
- 338.91(94)—Australia (Commonwealth)
- Mukhin, G. I. [Australia and Oceania] Avstraliia i Okeaniia. Izd. 2-o, pererabot. i dop. Moskva, "Prosvetshenie," 1967, 376 p. (Posobie dlia uchiteliei).
- 338.97 Economic fluctuations, cycles, crises, etc.
- Economic crises in the shipping of capitalist countries and state control. B. P. Kravart. Trudy TSNIIMF 13 no. 8:81-93 '67.
- 338.97(4/9.104)—Capitalist countries of the world
- The economy of world capitalism: situation and prospects. I. Kuznetsov. Mezhdu. nar. otn. 15 no. 5:14-21 '68.
- Under the blows of a crisis. R. Gurnov. Agitator no. 0: 25-26 My '68.
- 338.97(433)—Federal Republic of Germany
- What did the economic crisis in Western Germany show? E. Kimmelfalk. Mir. ekon. i mezhdu. nar. otn. no. 4: 36-47 '68.
- 338.97(460)—Spain
- Spain, social and political battles. V. Nikolaev. Mezhdu. nar. otn. 15 no. 8:84-91 '68.
- 338.97(477)—Ukrainian S. S. R.
- To a higher level through combines. D. Babichenko. Izv. Uzb. geog. ob-va 5:102-107 My '68.
- 338.98 Economic planning and control
- Conference of the young scientists in Kiev. V. Korchagin. Vop. ekon. no. 7:153-155 Ji '68.
- Economic role of the socialist state. I. Abakkin. Vop. ekon. no. 8:25-32 Ag '68.
- Fiftieth anniversary of the decree of the Soviet government on the nationalization of the petroleum industry. A. M. Zhdanov. Neftaprom. dolo no. 6:3-6 '68.
- On careless suppliers, central board, and "pushers." V. Kotliarskii. Part. zhizn' no. 18:74-75 Ag '68.
- Problems of the organization of regional planning and distribution of production. I. Starovollenko, F. Kuznetsov. Vop. ekon. no. 7:23-33 Ji '68.
- Replies received. Part. zhizn' no. 16:77 Ag '68.
- Theory of the reproduction of the means of production and the current problems in the methodology of planning. A. Kurek. Vop. ekon. no. 7:3-13 '68.
- 338.98(177)—Underdeveloped and underdeveloped areas
- The developing countries: formation of the economic mechanism. N. Shmelyev. Mir. ekon. i mezhdu. nar. otn. no. 8:52-62 '68.
- 338.98(4.0)—European capitalist countries
- Growth or stability? K. Borisova, I. Borko. Mir. ekon. i mezhdu. nar. otn. no. 8:115-120 '68.
- 338.98(479.22)—Georgian S. S. R.
- Branch and regional planning. I. Mikeladze. Plan. khoz. 45 no. 9:19-27 S '68.
- 338.98(488)—Denmark
- Danish social democracy. I. Komarov. Mir. ekon. i mezhdu. nar. otn. no. 7:131-136 '68.
- 338.98(498)—European communist countries as a group
- Evstigneev, R. N. [Economic reforms in the European socialist countries] Ekonomicheskie reformy v evropeiskikh stranakh sotsializma. Moskva, Politizdat, 1968, 120 p.
- 338.98(52)—Japan
- Programming: the Japanese variant. G. Shpil'ko. Mir. ekon. i mezhdu. nar. otn. no. 9:95-100 '68.
- 338.98(571)—Atlantic R. S. F. S. R.
- Party organizations on the construction site of the East Siberian hydroelectric power stations. A. N. Zikov. Vop. Ist. KPSS no. 7:84-93 Ji '68.
- 338.98(576.1)—Uzbek S. S. R.
- Contribution by the party organizations of machine building enterprises of Uzbekistan to the all-round mechanization of cotton growing: 1950-1965. K. M. Frenzarov. Nauch. trudy TashGU no. 315-127-138 '67.
- 339 Distribution, consumption of wealth or goods, standard of living, etc.
- Gulakov, O. E. [Sources of the growth of national welfare in the U. S. S. R.] Istochniki rosta narodnogo blagostoianiia v SSSR. Moskva, "Mysl'," 1968, 108 p.
- Malyi, I. G. [What the statistical indices of national income tell] O chem govoriat statisticheskie pokazateli narodnogo dokhoda. Moskva, "Statistika," 1968, 47 p. (Statistika dlia vsekh).
- Nature of public consumption: funds under socialism. A. S. Kovalevskii. Vop. illov. 22 no. 3:28-37 '68.
- Tendencies of forming stocks of products designated for industrial use in the world economy. T. Chernina. Fin. SSSR 42 no. 7:68-81 '68.
- 339(120)—West Indies
- The fortunes of the islands of the West Indies. (U. Iliot. Nov. vrem. 20 no. 35:14-15 Ag '60.
- 339(179)—United States of America
- Reprints against the poor. O. Vasil'ov. Mezhdu. nar. otn. 15 no. 8:124 '68.
- 34 JURISPRUDENCE. LAW. LEGISLATION
- Anniversary session of the Departments of Law and Collective Farm Law of Leningrad and Moscow Universities. G. G. Kharinshvili. Izv. vya. uchob. zav. i prav. no. 1:130-132 Ja-F '68.
- Current objectives of the general theory of the state and law. A. P. Kostitsyn, G. S. Ostrovnikov, N. P. Farberov. Sov. gos. i pravo no. 7:20-28 Ji '68.
- Determinism and responsibility. M. D. Shargorodskii. Izv. vya. uchob. zav. i prav. no. 1:40-48 Ja-F '68.
- A discussion of problems relating to the implementation and amendment of Soviet laws. V. P. Koldor. Izv. vya. uchob. zav. i prav. no. 1:129-130 Ja-F '68.
- The Great October Socialist Revolution and efforts to improve the language of Soviet legislative enactments. A. A. Ushakov. Izv. vya. uchob. zav. i prav. no. 1:33-39 Ja-F '68.
- [History of the Soviet state and law. In three books] Istoriia Sovetskogo gosudarstva i prava. V 3-kh kn. Otv. red. A. P. Kostitsyn. [Moskva, "Nauka," 1917-1920]. Stanovlenie Sovetskogo gosudarstva i prava. (1917-1920 gg.) Otv. red. A. P. Kostitsyn. 1968, 607 p.
- In memory of Evgenii Bronislavovich Pashukanis. L. R. Sov. gos. i pravo no. 8:160-161 Ag '68.
- A jubilee practical and theoretical conference of Leningrad lawyers. I. U. Peka. Izv. vya. uchob. zav. i prav. no. 6:145-146 N-D '67.
- Legal categories of the real and the possible. D. A. Kerimov. Sov. gos. i pravo no. 8:13-21 Ag '68.
- Legal problems concerning the development of the Soviet Armed Forces. I. F. Pobozhnikov. Izv. vya. uchob. zav. i prav. no. 3:20-24 Ja-F '68.
- New legal literature in the U. S. S. R. Sov. gos. i pravo no. 7:139-142 Ji '68.
- New legal literature published in the U. S. S. R., April - May 1968. Sov. gos. i pravo no. 8:162-165 Ag '68.

34 (Continued)

A plan of problems and topics in the "Sovetskoe gosudarstvo i pravo." Sov. gos. i pravo no. 7:141-148 JI '68.
Present-day problems in the development of legal theory in the institutions of higher education. IU. M. Kozlov, Izv. vys. ucheb. zav., i prav., no. 6:7-12 D '67.
Reformation of objective economic laws in the work of the socialist state. I. I. Zagladov, Sov. gos. i pravo no. 8:22-30 Ag '68.
Some controversial problems in the general theory of legal liability. A. A. Sobchak, Izv. vys. ucheb. zav., i prav., no. 8:49-57 Ja F '68.
Theory of collective farm law during the last 50 years. A. M. Kabanadze, Izv. vys. ucheb. zav., i prav., no. 1:84-93 Ja F '68.

34(496)—European communist countries as a group

A classified index of articles published in the first half of 1967 in the legal periodicals of European socialist countries. Izv. vys. ucheb. zav., i prav., no. 1:135-154 Ja F '68.

34(575)—Central Asia

Sulaimanova, Kh. S. [Collected works] Sobranie sochinenii. Tashkent, "Fan," T. I. 1967. 300 p.

349 Law in general. Comparative law

Subjective differentiation in Soviet law. M. A. Pokrovskaya, Izv. vys. ucheb. zav., i prav., no. 6:50-57 N-D '67.

340(44)—France

Methodology of the French "positive" sociological school of law. D. I. Lukovskaya, Izv. vys. ucheb. zav., i prav., no. 6:91-100 N-D '67.

340.6 Forensic medicine and chemistry. Medical jurisprudence. Characteristics of lesions caused by some models of small caliber firearms. V. S. Zhukov, Sud.-med. ekspert. II no. 3:51-52 JI-S '68.

Comparative evaluation of macro- and microscopic study of the lungs in infants and young children following their sudden death. A. V. Porinikov, S. E. Churakova, Sud.-med. ekspert. II no. 3:67-71 JI-S '68.

Death caused by a supraventricular myocardial infarction. V. N. Orlovskiy, Sud.-med. ekspert. II no. 3:49-50 JI-S '68.

Demarcation of supervalues jealousy [ideas in psychopaths from closely related, by their content, delirious ideas in schizophrenics]. B. V. Shostakovskiy, Sud.-med. ekspert. II no. 3:39-43 JI-S '68.

Detection of spermin in sperm stains by means of paper electrophoresis. I. Bures, Sud.-med. ekspert. II no. 3:46-47 JI-S '68.

Detection, isolation and determination of isonitric in cadaveric material. A. F. Fartushnyi, Sud.-med. ekspert. II no. 3:26-31 JI-S '68.

Elements of programmed teaching of a course of forensic medicine. A. S. Litvak, Sud.-med. ekspert. II no. 3:44-46 JI-S '68.

Examination of gunshot-caused damage of clothing made of synthetic materials. A. M. Ralovskiy, Sud.-med. ekspert. II no. 3:14 JI-S '68.

Forensic medical significance and possibilities of detecting traces of insulin in the area of lesions: a review. L. M. Fiklin, Sud.-med. ekspert. II no. 3:15-18 JI-S '68.

Injuries caused by bumper hooks in car accidents. A. P. Ignatenko, Sud.-med. ekspert. II no. 3:50-61 JI-S '68.

Losses of morphine and strychnine in forensic chemical analysis. B. I. Shvydkiy, V. F. Kramarenko, Sud.-med. ekspert. II no. 3:31-33 JI-S '68.

Microphotography through the MBS-2 microscope using an attachment for microphotography. A. Kh. Zaval'nitskiy, Sud.-med. ekspert. II no. 3:47-48 JI-S '68.

Public prosecutors supervise the observance of laws. Sots. zakon, no. 4:85-88 Ap '68.

Scientific session of forensic medicine. A. S. Garkavi, Sud.-med. ekspert. II no. 3:62-63 JI-S '68.

Socially dangerous actions of mental patients determined by morbid experiences in Kandinsky-Clerambault syndrome. O. E. Frejurov, Sud.-med. ekspert. II no. 3:34-39 JI-S '68.

Some theoretical and practical achievements of medical examiners on the eve of the 50th anniversary of Soviet rule. I. F. Dgaikov, Izv. vys. ucheb. zav., i prav., no. 6:146-149 N-D '67.

Tandem-like significance of acute renal insufficiency in criminal abortion. O. A. Zakharova, N. E. Bakshinskaya, Sud.-med. ekspert. II no. 3:18-20 JI-S '68.

Topography of strasses in the coast circle in sinitic loads. G. T. Bugayev, Sud.-med. ekspert. II no. 3:8-10 JI-S '68.

Use of electrophoresis and emission spectroscopy for the determination of live birth. V. M. Smol'taninov, G. A. Pastukhin, Z. M. Mirshani, Sud.-med. ekspert. II no. 3:3-5 JI-S '68.

Use of lecithin in the differentiation of antigen A of excretions and antigen A of the blood in mixed stains. M. I. Potapov, Sud.-med. ekspert. II no. 3:21-26 JI-S '68.

340.96 Totals. Lawsuits and actions

Investigation and trial of participants in the uprising of the "left-wing" social revolutionaries. V. M. Kurtsin, Sov. gos. i pravo no. 8:149-147 Ag '68.

340.96(477)—Ukrainian S. S. R.

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo no. 6:101-104 Je '68.

340.98(52)—Japan

Crimes must not be repeated. M. Nagasaki, S. Radkevich, Mezhdunar. zhizn' 15 no. 8:107-113 '68.

341 International law

Aggression against Vietnam and international law. G. I. Turkin, Nov. vrem. 26 no. 33:14-15 Ag '68.

Anticommunism and international law. M. I. Lazarev, Sov. gos. i pravo no. 7:55-75 JI '68.

The concept of force according to the charter of the United Nations. D. B. Levin, Sov. gos. i pravo no. 8:68-74 Ag '68.

International law and discrimination in trade. M. Poehkayeva, Vses. torg. 48 no. 9:26-25 '68.

Regulation of the legal status of the moon and other celestial bodies. E. G. Vasil'evskaya, Sov. gos. i pravo no. 8:75-81 Ag '68.

341(52)—Japan

Crimes must not be repeated. M. Nagasaki, S. Radkevich, Mezhdunar. zhizn' 15 no. 8:107-113 '68.

341.1 World organization. Regional unions, etc.

The concept of force according to the charter of the United Nations. D. B. Levin, Sov. gos. i pravo no. 8:68-74 Ag '68.

341.1(77)—Underdeveloped and underdeveloped areas

The developing states in international relations. E. Solonov, Mezhdunar. zhizn' 15 no. 8:106-104 '68.
The problems of the developing countries before the forum of the United Nations. A. Zakharov, I. Lobanov, Mezhdunar. zhizn' 15 no. 5:39-47 '68.

341.1(86)—Southern Africa (including Rhodesia)

Namib Desert, United Nations, and imperialist intrigues. V. Kuratov, V. Usinov, Mezhdunar. zhizn' 15 no. 8:114-118 '68.

341.2 International relations and treaties

Dzhardz, I. U. Kh. [International agreements on maritime transportation] Mezhdunarodnyye soglaseniya po morskoy avtomobilnoy transportu. Izd. 2-e, dop. Moskva, "Transport," 1968. 154 p.

The economic system is the main arena of struggle. A. I. Aivaz, Izv. vys. ucheb. zav., i prav., no. 7:2-4 JI '68.

Great achievement in the matter of peace. V. Sheslov, Mezhdunar. zhizn' 15 no. 8:3-12 '68.

In the defense of human rights. V. S. Sov. gos. i pravo no. 7:128-129 JI '68.

International conference on human rights. V. Chikvadze, I. Ostrovskiy, Mezhdunar. zhizn' 15 no. 8:22-29 '68.

International conventions on civil liability for nuclear damage. S. A. Molinin, Izv. vys. ucheb. zav., i prav., no. 6:81-90 S-I '67.

Mediation as an important legal means for the peaceful settlement of international conflicts. K. A. Pashurin, Izv. vys. ucheb. zav., i prav., no. 1:94-100 Ja F '68.

NATO's new military doctrine. V. Kulsh, Mir. ekon. i mezhdunar. otn., no. 9:27-37 '68.

The Northern flank of the North Atlantic Treaty Organization. R. Teplovskiy, Nov. vrem. 26 no. 35:15-18 S '68.

Regulation of the legal status of the moon and other celestial bodies. E. G. Vasil'evskaya, Sov. gos. i pravo no. 8:75-81 Ag '68.

341.2(4/9, 10)—Capitalist countries of the world

Imperialism's aggressive blocs. Komm. Vooruzh. Sil., 40 no. 9:70-83 My '68.

341.2(4)—Europe

European security and relations among the states of the two systems. Mir. ekon. i mezhdunar. otn. no. 7:102-121 '68.

European security and relations among the states of the two systems. Mir. ekon. i mezhdunar. otn. no. 8:73-81 '68.

341.2(431)—German Democratic Republic

Recent treaties of the German Democratic Republic with socialist countries, an important contribution to European security. G. A. Nekrasova, Sov. gos. i pravo no. 7:117-121 JI '68.

341.2(437)—Czechoslovakia

Events in Czechoslovakia. Nov. vrem. 26 no. 35:29-32 Ag '68.

Who wanted to change the balance of power? Nov. vrem. 26 no. 36:1-3 S '68.

341.2(481)—Norway

What portends the Scandinavians? IU. Golosubov, Mezhdunar. zhizn' 15 no. 8:92-98 '68.

341.2(488)—Denmark

What portends the Scandinavians? IU. Golosubov, Mezhdunar. zhizn' 15 no. 8:92-98 '68.

341.2(496)—European communist countries as a group

Events in Czechoslovakia. Nov. vrem. 26 no. 35:29-32 Ag '68.

Who wanted to change the balance of power? Nov. vrem. 26 no. 36:1-3 S '68.

341.2(73)—United States of America

From the back door. I. Kovtsov, Sov. protost. 21 no. 11:41-42 Je '68.

341.2(8)—South America

A killing plunder. K. Tarasov, Mezhdunar. zhizn' 15 no. 8:77-83 '68.

342 Public law. Constitutional law

A classified plan for the study of the present-day political development of the U. S. S. R. Sov. gos. i pravo no. 8:141 Ag '68.

[Constitution (Fundamental law) of the Union of Soviet Socialist Republics] Konstitutsiya (Osnovnyy zakon) Soyuza Sovetskikh Sotsialisticheskikh Respublik. Moskva, 1987. 107 p.

[Constitutional law of bourgeois states and countries which have become free of colonial dependence] Gosudarstvennoye pravo burzhuznykh stran i stran, osvobodivshiesya ot kolonial'noy zavisimosti. Pod red. V. E. Chirkina. Moskva, "Vyssh. shkola," 1968. 289 p.

Discussion of the theory of nationality: a review of unpublished materials. N. K. Strelkova, Voprosy, no. 6:95-116 Je '68.

The first Constitution of the socialist state. A. I. Lysenko, Sov. gos. i pravo no. 7:12-15 JI '68.

[History of the nationalities problem and political development in the U. S. S. R.] Istoriya natsionalno-gosudarstvennogo stroitel'stva v SSSR. Moskva, "Mysl'," 1967.

[T. I.] [The nationalities problem and political development in the U. S. S. R. during the transition from capitalism to socialism. (1917-1936)] Natsionalno-gosudarstvennoye stroitel'stvo v SSSR v perelomnyy period ot kapitalizma k sotsializmu. (1917-1936 gg.). 1969. 433 p.

The imperialist and revisionist policy of the bourgeoisie. M. A. Boguslavskiy, Voprosy, no. 6:23-31 '68.

Kochukhin, B. I. [Characteristics of the political organization of states which have chosen the road of non-capitalist development. Textbook for students of law and correspondence schools of higher education on the course "Constitutional law of bourgeois states and countries which have become free from capitalist dependence"] Osobennosti politicheskoy organizatsii gosudarstv, razvivavshiesya po nekapitalisticheskomu puti. Ucheb. posobie dlya studentov vuzov i zaokh. vuzov k kursu "Gos. pravo burzhuznykh stran i stran, osvobodivshiesya ot kolon. zavisimosti." Leningrad, Izd. Leningr. un-ta, 1968. 33 p. (Vys. shkola) studentam vechernikh i zaokh. vuzov).

Problems of national and state construction in the first Soviet Constitution. V. M. Garkavin, M. I. Shostakovskiy, Voprosy, KPSS no. 7:21-34 JI '68.

Reflection of objective economic laws in the work of the socialist state. I. I. Zagladov, Sov. gos. i pravo no. 7:23-30 Ag '68.

Reports of deputies to their constituents. A. A. Bezubov, Sov. gos. i pravo no. 8:101-105 Ag '68.

V. I. Lenin on lawmaking. I. U. Stenik, Sov. gos. i pravo no. 7:89-93 JI '68.

Vyslenkov, P. T. [Organs of the Soviet state and their system at the present stage] Organy Sovetskogo gosudarstva i ikh sistema na sovremennom etape. Moskva, Izd. Munk-un-ta, 1967. 302 p.

342(433)—Federal Republic of Germany

Emergency laws in the German Federal Republic. G. Ivanov, Mezhdunar. zhizn' 15 no. 8:131-137 '68.

The Federal Republic of Germany: special legislation. E. Grigor'ev, Mir. ekon. i mezhdunar. otn. no. 8:111-114 '68.

342(438)—Poland

The role of people's assessors in Polish criminal procedure. S. Zaval'skiy, I. Kibicki, Sov. gos. i pravo no. 8:126-137 Ag '68.

342(487.1)—Yugoslavia

Relations between the Federal Skupstina and executive organs in the Socialist Federal Republic of Yugoslavia according to the Constitution of 1963. F. I. Marchenko, Sov. gos. i pravo no. 7:113-117 JI '68.

342(575)—Central Asia

The development of Soviet national states in Central Asia. S. A. Radzikhov, Izv. vys. ucheb. zav., i prav., no. 1:25-32 Ja F '68.

What color is Pan-Turkism? A. Prokopovich, Mezhdunar. zhizn' 15 no. 8:119-123 '68.

342.7 Civil rights

In the defense of human rights. V. S. Sov. gos. i pravo no. 7:128-129 JI '68.

The individual: his rights and freedoms in Soviet socialist society. Sov. gos. i pravo no. 8:3-12 Ag '68.

International conference on human rights. V. Chikvadze, I. Ostrovskiy, Mezhdunar. zhizn' 15 no. 8:22-29 '68.

342.7(460)—Spain
A hot summer in Spain. Joan Colo. Nov.vrem. 26
no.33:17 Ag '68.

343 Criminal law
"As a honest citizen..." I. Sionov. Sots. zakon, no. 4:
43-49 Ap '68.
Concept of the indictment. V. Litovskikh. Sots. zakon,
no. 4:46-47 Ap '68.
Concept of vicious (atrocious) crime. S. G. Zakutskii.
Izv. vys. uch. z. v. prav. no. 6:65-74 N-13 '67.
Delimitation of an attempt upon a person's life and the in-
fringement of a serious injury. K. Sukhobalov. Sots.
zakon, no. 4:22-26 Ap '68.
Effectiveness of justice and judicial errors. G. Z. Anash-
kin, I. I. Petrakhin. Sov. gos. i prav. no. 6:54-67
Ag '68.
Recognition of an individual to be an "especially danger-
ous recidivist." I. Perlov. Sots. zakon, no. 4:32-37
Ap '68.
Verity and probability in justice. S. V. Kurylov. Izv.
vys. uch. z. v. prav. no. 1:63-74 Ja-F '68.

343(4/9, 104)—Capitalist countries of the
world
[Punitive organs of contemporary imperialist states]
Kartel'nye organy sovremennogo imperialisticheskogo
gosudarstva. Moskva, "Nauka," 1968, 443 p.

343.B Penology. Crime prevention and deterrents
Effectiveness of educational measures for the prevention
of juvenile delinquency. V. V. Stashko, A. V. Senchin.
Sov. gos. i prav. no. 7:60-64 JI '68.

343.8(496)—European communist countries as
a group
Struggle against offenses against socialist property in
the European socialist countries. Z. Gavrilina. Sots.
zakon, no. 4:85-87 Ap '68.

343.9 Criminology
"As a honest citizen..." I. Sionov. Sots. zakon, no. 4:
43-49 Ap '68.
If a criminal offense was committed by a recidivist...
S. Stepanov. Sots. zakon, no. 4:62-64 Ap '68.
Recognition of an individual to be an "especially danger-
ous recidivist." I. Perlov. Sots. zakon, no. 4:32-37
Ap '68.
Social psychology and lawless behavior. A. M. Lakovlev.
Sov. gos. i prav. no. 7:58-59 JI '68.

343.9(496)—European communist countries as
a group
Struggle against offenses against socialist property in
the European socialist countries. Z. Gavrilina. Sots.
zakon, no. 4:85-87 Ap '68.

343.916 Juvenile delinquency
Characteristics of questioning in juvenile delinquency
cases. K. Spetsanskii. Sots. zakon, no. 4:51-53 Ap '68.
Effectiveness of educational measures for the prevention
of juvenile delinquency. V. V. Stashko, A. V. Senchin.
Sov. gos. i prav. no. 7:60-64 JI '68.

343.916(471, 52)—Bashkir A. S. S. R.
Efforts of the Bashkir A. S. S. R. to prevent the induc-
ement of minors to participate in the criminal activities
of adults. M. Lakovlev, L. Kanovskii. Sots. zakon,
no. 4:56-58 Ap '68.

343.977 Criminal investigation
Characteristics of questioning in juvenile delinquency
cases. K. Spetsanskii. Sots. zakon, no. 4:51-53 Ap '68.
Conducting the experiments at court sessions. M. Kur-
dazze. Sots. zakon, no. 4:53-54 Ap '68.
Criminal investigation apparatus of the organs of protec-
tion of public order. B. Viktorov. Sots. zakon, no. 4:
11-15 Ap '68.
If a criminal offense was committed by a recidivist...
S. Stepanov. Sots. zakon, no. 4:62-64 Ap '68.
Participation of defense counsel in presentation of
evidence in pretrial questioning. Z. V. Makarova.
Izv. vys. uch. z. v. prav. no. 1:101-105 Ja-F '68.
Secret of a profitable "steve." A. P. Pionikov. Sots. zakon,
no. 4:78-79 Ap '68.
Some deficiencies of the legal examination of accounts
I. Shirlaev, L. Gorgolev. Sots. zakon, no. 4:16-21
Ap '68.
You still have time... V. Kutelnikov. Sots. zakon,
no. 4:68-73 Ap '68.

347 Private law. Civil law
Comrades courts on the marriage and family law.
S. Tselina. Sov. profsoyuz 24 no. 10:47-48 Mj '66.
Legal characteristics of payments for fixed assets and
working capital. B. R. Levin. Izv. vys. uch. z. v. prav.
no. 1:58-62 Ja-F '68.
Object of the land tenure rights of collective farms.
V. R. Kapitonov. Izv. vys. uch. z. v. prav. no. 6:113-
117 N-13 '67.

347(4/9, 104)—Capitalist countries of the world
Interaction of religion and bourgeois law in the regula-
tion of family and marriage relations. V. V. Klochkov.
Sov. gos. i prav. no. 7:122-127 JI '68.

347(471, 232)—Leningrad City
Leningrad Institute for the Improvement of Qualification
xxx and in the future. D. Trofimov. Vop. izobr. no. 7:
154-157 JI '68.

347(479, 25)—Armenian S. S. R.
[The code of laws on marriage, family, and guardianship
of the Armenian Soviet Socialist Republic. (With amend-
ments and supplements as of October 1, 1967, and a
supplementary index to the articles)] Kodex zakonov o
brake, semye i opеke Armianskoi Sovetskoi Sotsialisti-
cheskoi Respubliki. (S izm. i dop. na 1-o okt. 1967 g.
i apr. posleto-izmenatizir. materialov). Erevan,
"Alostan," 1967, 179 p.

347(66)—West and North Central Africa
Family law of the Republic of Mali. G. N. Rudnova. Izv.
vys. uch. z. v. prav. no. 8:122-125 N-13 '67.

347(8)—South America
Joint-stock companies in Latin American countries.
A. Grishin. Vnesh. torg. 10 no. 9:57-59 '68.

347.244 Housing law. Housing problem
347.24(574)—Kazakh S. S. R.
Pollinbatov, Saltzhan. [The house management com-
mittee. Experience and consultations.] Domovoi
komitet. Opyt, konsultatsii. [Moskva], Proizdat,
1968, 83 p. (B. ch. za profsoyuznogo ad'vokata. 14(200)).

347.4 Bonds. Contracts. Agreements
Contracts under the new conditions. I. Korzhak. Ekon.
Rat. 1967, 10 no. 4:28-33 Ap '68.
Extension of liability for failure to carry out commercial
contracts. M. S. Fakhovet. Sov. gos. i prav. no. 8:
121-125 Ag '68.
For strict observance of contractual discipline.
M. I. Tolst. analiza, 3 no. 1:1-4 Ja '68.
Forward contractual agreements of consumers' coopera-
tives. A. I. Kozlov. Zakup. sel'khoz. prod. no. 2:
28-29 F '68.
Volunteer correspondents of the journal report. Zakup.
sel'khoz. prod. no. 2:6-7 F '68.

347.61 Legal liability
Liability according to paragraph "a", article 83 of the
code of labor laws. I. Syrovatskaia. Sots. zakon,
no. 1:50-51 Ap '68.
Some controversial problems in the general theory of
legal liability. A. A. Solchak. Izv. vys. uch. z. v. prav.
no. 1:45-57 Ja-F '68.

347.79 Maritime law. Shipping, navigation law
Dzhavad, I. U. Kh. [International agreements on maritime
transportation] Mezhdunarodnye soglaseniia po morskoi
sukhododstvu. Izd. 2-o, dop. Moskva, "Trans-
port," 1968, 144 p.
Eleventh annual meeting of the Soviet Association of
International Law. P. D. Barabola, I. E. Tarkhanov.
Mor. sbor. 51 no. 4:76-77 Ap '68.
Some legal problems concerning the transshipment of
imported goods in seaports. P. A. Kovrov, V. T. Smir-
nov. Izv. vys. uch. z. v. prav. no. 8:75-80 N-13 '67.

347.77 Patent and trademark rights, etc.
Compiling applications for industrial designs in the instru-
mental industry. V. M. Sergeev. Vop. izobr. no. 1:47-48
Ja '68.
Early Russian legislation on the protection of inventions;
end of the 18th and beginning of the 19th century. A. I.
Pluzhnik. Vop. izobr. no. 1:36-40 Ja '68.
Elements and functions of a bibliographical description
of patent documentation. V. N. Lotchik. Vop. izobr.
no. 2:35-38 F '68.
Experience in establishing and using a firm index file.
I. A. Isarov, B. Shapiro. Vop. izobr. no. 2:40-42
F '68.
The forms of the novelty of the subject of invention. V. N.
Bakastov. Vop. izobr. no. 1:19-24 Ja '68.
The forms of the novelty of the subjects of invention.
V. Bakastov. Vop. izobr. no. 2:8-12 F '68.
The imperialist state and inventions made by state
employees. M. M. Bogulevskii. Vop. izobr. no. 2:
18-23 F '68.
Law and scientific and technological progress. V. M.
Chikhovskii. Sov. gos. i prav. no. 8:108-114 Ag '68.
Legal Acts. Vop. izobr. no. 2:52-53 F '68.
Legal protection of scientific discoveries. E. A. Kozleina.
Vop. izobr. no. 1:11-18 Ja '68.
Legal regulations concerning the payment for inventions
in the U. S. S. R. in the twenties. V. A. Doroztsov.
Vop. izobr. no. 2:28-34 F '68.
Let us acquaint rural efficiency consultants with patent
literature. L. Plearenko. Bibliotekar' no. 1:46-47
Ja '68.
New regulations on the examining of patent applications.
S. I. Komov, S. N. Dedukov. Vop. izobr. no. 1:31-36
Ja '68.
On the problem of the unity of invention. N. A. Chikh-
etov. Vop. izobr. no. 2:13-17 F '68.
The patent case of the century. A. M. Chepelevetseki.
Vop. izobr. no. 1:53-59 Ja '68.

Peculiarities in compiling applications for the methods
of obtaining chemical compounds. L. V. Chernova.
Vop. izobr. no. 2:24-27 F '68.
The problem of protecting algorithms and computer pro-
grams in the foreign patent law. I. E. Mamfola. Vop.
izobr. no. 1:25-30 '68.
Protection of patent rights to inventions is an important
state mission. V. E. TSaregorodisev. Vop. izobr. no. 1:
1-8 Ja '68.
Publication of the results of scientific discoveries and
application for patent are the legal forms of their
protection. I. N. Efimov. Sov. gos. i prav. no. 7:67-
101 JI '68.

347.9 Procedure. Judiciary personnel organization, courts
[Bulletin of the Supreme Court of the R. S. F. S. R.] Bul.
Vorkh. Suda RSFSR no. 9 '68.
Conducting the experiments at court sessions. M. Kur-
dazze. Sots. zakon, no. 4:53-54 Ap '68.
Effectiveness of justice and judicial errors. G. Z. Anash-
kin, I. I. Petrakhin. Sov. gos. i prav. no. 6:54-67
Ag '68.
Legal capacity and public representation in civil proce-
dure. I. A. Il'zenberg. Izv. vys. uch. z. v. prav.
no. 6:58-64 N-13 '67.
Obtaining the opinion of judges. T. A. Korlagina. Sov.
gos. i prav. no. 7:110-113 JI '68.
Participation of defense counsel in presentation of
evidence in pretrial questioning. Z. V. Makarova.
Izv. vys. uch. z. v. prav. no. 1:101-105 Ja-F '68.
Should we divide the representatives of the Soviet public
in court sessions into "prosecutors" and "defenders"?
V. Barilov. Sots. zakon, no. 4:44-45 Ap '68.
Subjective rights of parties in civil procedure. A. A.
Melnikov. Sov. gos. i prav. no. 7:36-43 JI '68.
Verity and probability in justice. S. V. Kurylov. Izv.
vys. uch. z. v. prav. no. 1:63-74 Ja-F '68.

347.9(438)—Poland
The role of people's prosecutors in Polish criminal pro-
cedure. S. Zawadzki, I. Kucicki. Sov. gos. i prav.
no. 8:126-133 Ag '68.

347.9(476)—White Russian S. S. R.
Honored lawyer of the White Russian Republic. V. Chi-
kul. Sots. zakon, no. 4:74-77 Ap '68.

347.9(477, 9)—Crimea
A methodological council of the Province Court of the
Crimea. V. Kuptsov, N. Sekutov. Sots. zakon, no. 4:
50-60 Ap '68.

347.963 Public prosecutor
In the Office of the Public Prosecutor of the U. S. S. R.
Sots. zakon, no. 4:83 Ap '68.
In the office of public prosecutors and supreme courts
of the Union republics. Sots. zakon, no. 4:84 Ap '68.
Legal acts in the sphere of general supervision by public
prosecutors. V. Kuznetsov. Sots. zakon, no. 4:38-43
Ap '68.
Public prosecutors supervise the observance of laws.
Sots. zakon, no. 4:86-88 Ap '68.

347.963(471, 325)—Belgorod Province
Cooperation of local soviets and public prosecution agen-
cies in ensuring a strict observance of socialist laws.
M. Aleksashin. Sots. zakon, no. 4:68-59 Ap '68.

347.963(574)—Kazakh S. S. R.
Supervision over the observance of labor laws. T. Tere-
shchenko. Sots. zakon, no. 4:68-61 Ap '68.

347.998 Arbitration
Decisions of arbitration agencies. Sots. zakon, no. 4:
81-90 Ap '68.

35 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW
Vasil'kov, P. T. [Organs of the Soviet state and their
system at the present stage] Organy Sovetskogo gosu-
darstva i ikh sistema na sovremennom etape. Moskva,
Izd. Mosk. un-ta, 1967, 302 p.

35(479, 26)—Armenian S. S. R.
Problems in the development of the Soviet state and
governmental administration in the Armenian S. S. R.
Sov. gos. i prav. no. 7:3-11 JI '68.

35.08 Public service and personnel
People and events: Michael Zagarell; Spiru Agnew;
Lucaevorjlin Tolvi; Pierre Worli. Nov. vrem. 20
no. 35:12, 18 Ag '68.
People and events: Sergei Matveevich Shimonenko; Emilio
Derlin Zinsou; Ali Hussein. Nov. vrem. 20 no. 33:
3, 10, 30 Ag '68.

35.08(612)—Libya
People and events: Sergei Matveevich Shimonenko; Emilio
Derlin Zinsou; Ali Hussein. Nov. vrem. 20 no. 33:
3, 10, 30 Ag '68.

35.08(66)—West and North Central Africa
People and events: Sergei Matveevich Shimonenko; Emilio
Derlin Zinsou; Ali Hussein. Nov. vrem. 20 no. 33:
3, 10, 30 Ag '68.

351.43(38)—South America
People's Republic of Cuba. Maria Velasco Barria. Mon.
1967. 21 no. 17-18.

351 Government legislation. Public services. Control. Regulations
[Gazette of the Supreme Soviet of the U.S.S.R.] Ved.
Verkh. Sov. SSSR 31 nos. 37-42 S-O '68.
Legal acts in the sphere of general supervision by public
prosecutors. U.S.S.R. 1967. 21 no. 17-18.

351(431)—German Democratic Republic
Lectures on false charges. K. Kitzinger. Mon.
1967. 21 no. 17-18.

351(431)—Russian Soviet Federated Socialist Republic (U.S.S.R.)
[Gazette of the Supreme Soviet of the U.S.S.R.] Ved.
Verkh. Sov. SSSR 12 nos. 39-40, no. 42 S-O '68.
351(471, 325)—Belgorod Province
Department of local projects and public prosecution agency
in conducting a strict observance of criminal laws.
M. Alexeev. Sots. zakon, no. 433-434 Ap '68.

351.74 Police, civic guard, political police, state secret police, etc.
Dmitriy, U. D. [Ozerzhinskii, the first Chekist. Events of
a heroic life] Perviy chekist Ozerzhinskii. Epizody
geroicheskoi zhizni. [Moskva, "Mol. gvardiya," 1968].
221 p. (Pioner - znachi periy. Vyp. 4).

351.74(4/9, 104)—Capitalist countries of the world
[Punitive organs of contemporary imperialist states]
Karatelnye organy sovremennogo imperialisticheskogo
osudarstva. Moskva, "Nauka," 1968. 413 p.

351.74(471, 62)—Krasnodar Territory
[Workdays of the police] Budni militsii. Krasnodar, Kn.
1967. 208 p.

351.74(575, 3)—Tajik S.S.R.
Molotov, M. S., and K. A. Lyenko. [Soldiers of public
order. Outline history of Tajik police] Soldaty poriadka.
Kratkii ocherk istorii tadzh. militsii. Dushanbe, "Trion,"
1967. 148 p.

351.74(73)—United States of America
The Democratic Convention in the United States. Harry
Friedman. Nov. vrem. 28 no. 16, 13-15 S '68.
Hypocrisy against the poor. G. Vasil'ev. Mezhdunar.
zhurn. 15 no. 8:124 '68.

351.75 Public order. Security. Control. Censorship
Criminal investigation apparatus of the organs of pro-
tection of public order. B. Viktorov. Sots. zakon,
no. 411-15 Ap '68.

351.76 Public morality, morals
Public health centers in the struggle against alcoholism.
V. Samsonov, N. Belitskii. Sots. zakon, no. 411-15 Ap '68.

351.77 Public health. Food. Housing, etc.
At work as in battle. Zhil. i kom. khoz. 18 no. 2:8-9
F '68.

351.77(471, 45)—Volograd Province
Five years without subsidies. F. Khatov. Zhil. i kom.
khaz. 18 no. 2:4-5 F '68.

351.78 Public safety
Organization of fire preventive exercises. N. D.
Zakharov. Energetik 16 no. 7:33-34 Je '68.

351.82 Economic legislation and control, agriculture, trade and
industry
Commercial accounting and its legal forms. I. U. G.
Bastin. Sov. gos. i pravo no. 7:76-83 Ji '68.
Direct connections of industry and trade. I. I. Krav-
chenko. Prom. Rel. 9 no. 6:9-11 Je '68.
Extension of liability for failure to carry out commercial
contracts. M. S. Falt'kovich. Sov. gos. i pravo no. 8:
121-124 Ag '68.
Law and scientific and technological progress. V. M.
Chikhvadze. Sov. gos. i pravo no. 8:106-114 Ag '68.
Legal characteristics of payments for fixed assets and
working capital. U. R. Levin. Izv. vyi. ucheb. zav.;
prav. no. 1:58-62 Ja-F '68.
Legal forms which regulate the independent business
operations of socialist enterprises. I. U. G. Bastin. Izv.
vyi. ucheb. zav.; prav. no. 6:40-49 N-D '67.
Legal regulation of public control. I. F. Konstantinov.
Izv. vyi. ucheb. zav.; prav. no. 6:34-39 N-D '67.
Legal regulation of standardization measures in indus-
trial enterprises. I. A. Khalap, A. I. Belakhov. Sov.
gos. i pravo no. 7:44-49 Ji '68.

Legal rules which regulate the disposition of incentive
funds in industrial enterprises. M. I. Baro. Sov. gos.
i pravo no. 7:29-35 Ji '68.
On address suppliers, central board, and "pushera."
V. Kollarsvich. Part. zhizn' no. 16:74-75 Ag '68.
Use of credit in drugstore economy. I. I. Horfinkel.
Farmats. zhurn. 23 no. 1:70-72 '68.
Specialized industrial enterprises. I. F. Lashneva.
Sots. gos. i pravo no. 6:115-120 Ag '68.

351.83 Labor legislation and control
For a strict observance of labor laws in geological orga-
nizations. Razved. i kh. n. 34 no. 4:50-61 Ap '68.
Lectures on Soviet labor law delivered to foreign coun-
tries. I. Petrov. Sov. gos. i pravo no. 8:151-152
Ag '68.
Legal nature of social relations relating to the partici-
pation of workers in administration of industry. I. F.
Petrov. Izv. vyi. ucheb. zav.; prav. no. 6:23-31
N-D '67.
The legislation on property liability needs amendment.
A. Lugovskii. Sots. trud. 13 no. 6:135-141 Je '68.
Liability according to paragraph "a", article 84 of the
code of labor laws. L. Syrovatskii. Sots. zakon,
no. 4:50-51 Ap '68.
Ostrovskii, I. A. [Control of trade unions over the
observance of legislation on working hours and rest
periods] Kontrol' profsoyuzov za sblazhdeniem zakon-
odatel'stva o rabochem vremen i vremen otdykha. [Mu-
skva, Profzhit, 1968. 94 p. (I-otkha profsoyuznogo
aktivista. 17:120)].
Subjective differentiation in Soviet labor law. M. A.
Petrovskii. Izv. vyi. ucheb. zav.; prav. no. 6:44-57
N-D '67.
Survey of labor legislation and official practice. Sots.
trud. 13 no. 5:151-160 My '68.
Survey of labor organization. Sots. trud. 13 no. 2:166-
160 F '68.
Survey of labor legislation. Sots. trud. 13 no. 6:158-160
Je '68.
Temporary replacement of absent workers. G. Iannin-
feld. Sots. zakon, no. 4:88-92 Ap '68.

351.83(44)—France
Some aspects of the legal regulation of women's employ-
ment in France. E. I. Pomorskaia. Sov. gos. i pravo
no. 8:131-139 Ag '68.

351.83(470)—White Russian S.S.R.
In the Institute of Philosophy and Law of the Academy of
Sciences of the White Russian S.S.R. V. N. Antonova.
Izv. vyi. ucheb. zav.; prav. no. 1:131-134 Ja-F '68.

351.83(574)—Kazakh S.S.R.
Supervision over the observance of labor laws. T. Tei-
shevskii. Sots. zakon, no. 4:50-61 Ap '68.
Why was the law violated. M. Korshunov. Sov. prof-
soyuz. 24 no. 10:29 My '68.

351.83(72)—Mexico
Legal regulation of the work of the employees of govern-
mental agencies in Mexico. V. I. Levenskii. Izv. vyi.
ucheb. zav.; prav. no. 1:105-100 Ja-F '68.

351.85 Public education, enlightenment and culture. Encourage-
ment of science and the arts, etc.
351.85(433)—Federal Republic of Germany
Financing research in the Federal Republic of Germany.
L. Shumilova. Mir, ekon. i mezhdunar. otn. no. 4:117-
121 '68.

351.85(471, 332)—Leningrad City
Analysis of the economic efficiency of scientific research
work carried out in institutions of higher learning. E. G.
Vasil'eva. Trudy IPI no. 268:58-63 '67.

351.85(611)—Tunisia
Under Tunisian skies. A. Pin. Nov. vrom. 20 no. 30:
28-29 S '68.

351.85 Supervision, control of public administration
Contributing to the success of the economic reform is
a duty of every financial organ. A. Korovin. Mir,
13. Morante. Fin. SSSR 42 no. 6:49-57 Je '68.
In the Colloquium of the Ministry of Finance of the
U.S.S.R. Fin. SSSR 42 no. 6:69-91 Je '68.
Internal financial control. M. Karasik. Fin. SSSR 42
no. 7:74-75 '68.
Organs of people's control in the effort to increase
the efficiency of social production. V. Zakhuznyi.
Sots. trud. 13 no. 5:11-19 My '68.
Strengthen the control over the expenditures for social
and cultural measures. P. Batilichev, I. Rozonfoid.
Fin. SSSR 42 no. 8:11-14 Je '68.

351.8(471, 312)—Tula Province
Scientific achievements and advanced work experience
should be introduced in agriculture. T. Khromov.
Part. zhizn' no. 18:34-38 S '68.

351.8(471, 324)—Voronezh Province
Organization of economic work. D. Karlov. Den. i kred.
28 no. 6:13-16 Je '68.

351.8(471, 51)—Ukraine S.S.R.
Our work. A. Kolpakov. Fin. SSSR 42 no. 6:13-16
Ag '68.

351.9(478)—White Russian S.S.R.
We are improving the level of economic work. A. P. Z.
vich. Fin. SSSR 42 no. 6:21-26 S '68.

351.9(477)—Ukraine S.S.R.
Important sector of work. I. Zavalchikov. Sots. trud.
42 no. 6:74-75 S '68.

351.9(674)—Kazakh S.S.R.
Decisions and their implementation. Part. zhizn' no. 18:41-43 S '68.

352 Local government. Municipal administration
The deputy groups of city soviets published in the
the 1976 constitution of the U.S.S.R. I. Zavalchikov.
Izv. vyi. ucheb. zav.; prav. no. 6:172-181 Je '68.
Local soviets in the system of government. I. Zavalchikov.
Sots. trud. 13 no. 5:11-19 My '68.
Reports of deputies to the city soviets. I. Zavalchikov.
Sov. gos. i pravo no. 8:101-103 Ag '68.
Shukov, K. S. [District and city soviets. I. Zavalchikov.
deputies. For universalists of Marxism. I. Zavalchikov.
nyl i promskoi Sovet deputatov i deputatov na ra-
bochu narodnogo izobrazheniya. Moskva, "Izobrazheniya,"
47 p. (Osnovy voevodstva iuzh. izobrazheniya 1:13-14).

352(477)—Ukraine S.S.R.
Administration of municipal soviets and city soviets.
N. Chuprin. Part. zhizn' no. 18:52-54 S '68.

352(671, 60)—Kupetskaia Province
First soviet among the Lannia. M. I. Zavalchikov.
Sots. zakon, no. 5:122-124 Ag '68.

354 Central government. Ministries
Improving the system of government administration.
I. Zavalchikov. Sov. gos. i pravo no. 8:101-103 Ag '68.
Organizational and legal forms of the organs of the
People's Commissars in the U.S.S.R. I. Zavalchikov.
K. I. Kuznetsov. Sov. gos. i pravo no. 8:101-103 Ag '68.

354(407, 1)—Yugoslavia
Relations between the Federal Republic of Yugoslavia and
organism in the Socialist Federal Republic of Yugoslavia
according to the Constitution of 1963. I. Zavalchikov.
Sov. gos. i pravo no. 7:113-117 Ji '68.

355 MILITARY ART AND SCIENCE. WAR. NAVAL
DEFENSE. ARMED FORCES
Anniversary of a periodical. Mor. zhurn. 61 no. 1:1-17
Ap '68.
The Army of the Red Star. Doshk. vop. 41 no. 3:1-17
Ap '68.
Beloved child of the Soviet nation. Zhil. i kom. khoz. 18
no. 2:1-17 F '68.
Bring ideological work among troops to a level which
requirements of the party. M. P. Kuznetsov. Vop.
prom. i obr. no. 7:8-13 Ji '68.
Civil defense in concern of the whole people. I. Zavalchikov.
Sov. profsoyuz. 34 no. 1:10-17 Ja '68.
Concern for ideological schooling. G. Kuznetsov.
Tyl i snab. Sov. Voor. Sil. 28 no. 8:35-37 Ag '68.
A creative approach and in the party spirit. I. Zavalchikov.
dinskii. M. Sukhinov. Tyl i snab. Sov. Voor. Sil. 28
no. 8:61-66 Ag '68.
[English-Russian military dictionary. Over 20,000
Anglo-russkii vumnyi slovar'. Svoche 20 (1967).
Sost. G. A. Shtetlovskii i dr. Pod obshch. red. I. A.
Shtetlovskogo. Izd. 2-e, pererabot. i dop. Moskva
Voenizdat, 1968. 1003 p.
Glitches and difficult service. I. Zavalchikov. Sots. zakon,
Zakup. i kom. khoz. prod. no. 2:8-10 F '68.
The golden stock. V. Domilov. Vek. i vop. 1968. 1:1-17
no. 2:31-36 F '68.
Guarding the Soviet borders for half a century. I. Zavalchikov.
Komm. Vooruzh. Sil. 49 no. 1:1-17 F '68.
Helpful materials. V. Samonov. Priblizeniya 33-34 p. '67.
In military districts and fleets. Komm. Vooruzh. Sil. 49
no. 8:94-96 My '68.
In the interests of the people. Tyl i snab. Sov. Voor. Sil. 28
no. 8:2-5 Ag '68.
Innovators of the Red Banner "Transcaucasian" District.
D. Dragunskii. Tokki i vooruzh. 26 no. 2:1-17 F '68.
International training of servicemen in the Soviet
Armed Forces: 1941-1945. V. A. Muratov. Vop. i
KPSR no. 7:63-73 Ji '68.
Komsomol members for the anniversary. M. P. Kuznetsov.
I. Kabanov, N. Shtetlovskii. Tyl i snab. Sov. Voor. Sil. 28
no. 8:38-39 Ag '68.
Legal problems concerning the development of the
Soviet Armed Forces. I. F. Polozhinov. Izv. vyi. ucheb. zav.;
prav. no. 1:20-24 Ja-F '68.
Lenin principles of economic guidance. V. A. Muratov. Tyl
i snab. Sov. Voor. Sil. 28 no. 8:6-11 Ag '68.
Lenin's decrees. Tokki i vooruzh. 26 no. 2:1-17 F '68.

355 (Continued)
Let us also to new entrance in the public year.
O. Zhecherko. Komm. Vooruzh. Sil. 49 no. 9-42-43 My '68.
Look at the exhibition. A. Kiselev. Tekh. i vooruzh. 26 no. 12-39 D '67.
Our allegiance to the native country. I. Semelkin. Komm. Vooruzh. Sil. 49 no. 9-29-34 My '68.
One hundred years ago in "Morskoi sbornik." Mor. sbor. 51 no. 4-78-77 Ap '68.
Our competition. Doshk. vosp. 41 no. 2:50-51 '68.
Our competition. Vest. protivovozd. obor. no. 7-28 JI '68.
People who make close friends with sports. G. Vekherzko. Tyi i snab. Sov. Voor. Sil. 28 no. 8-40-41 Ag '68.
The Red Army's victory over the interventionists and White Guards during the civil war. A. Pultsev. Komm. Vooruzh. Sil. 49 no. 9-72-78 My '68.
Science and the five-year plan. I. Arlobolovskii. Tekh. i vooruzh. 26 no. 1:38-39 Ja '68.
Skills and mobility. I. Pavlovskii. Tekh. i vooruzh. 25 no. 2:6-7 F '68.
"Our achievements." Tekh. i vooruzh. 26 no. 12-1 D '67.
We look for and find. N. Kulish. Tyi i snab. Sov. Voor. Sil. 28 no. 8-62-63 Ag '68.
Wholesale prices are an important instrument of management. D. Drylev. A. Mikrinskav. Tyi i snab. Sov. Voor. Sil. 28 no. 8-59-64 Ag '68.

355(471, 343)—Milit. A.S.S.R.

For good name of a soldier. T. Nekrasov. Voenn. znani. 44 no. 7-31 JI '68.

355(52)—Japan

Echo of the Vietnam War in Japan. V. Iglov. Az. i Afr. seg. 12 no. 7-11-13 JI '68.

355(507)—Vietnam

Are pacifists colluding with the attitude problem. V. Kishchik. Av. i kosm. no. 6:92-94 Ju '68.
Calculation of the aggressor and reality. V. Balich. Av. i kosm. no. 6:87-89 S '68.
Guilt of infamy. A. Leonov. Av. i kosm. no. 6:83-84 Ju '68.
The war in Vietnam and who is profiting from it. O. Ivanov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:89-92 Ag '68.

355(8)—South America

"Inter-American" armed forces again? O. Ignat'ev. Mezhdunar. zhizn' 15 no. 6:126-129 '68.

355.02 National defense policy. Military policy

Brothers in thought, brothers in arms. D. Gospodinov and others. Tekh. i vooruzh. 26 no. 12:32-35 D '67.
Front over correspondence. Komm. Vooruzh. Sil. 49 no. 9:86 My '68.
October Revolution and the strategy of peace. A. I. Kraylov. Vop. lica. 22 no. 3:3-13 '68.
Our pride and glory. O. Kiseleva. Bibliotekar' no. 1-17-22 Ju '68.

355.02(4/0, 104)—Capitalist countries of the world

Imperialism's aggressive blocs. Komm. Vooruzh. Sil. 49 no. 9:79-83 My '68.
NA TO's new military doctrine. V. Kulish. Mir. ekon. i mezhdunar. otn. no. 9:27-37 '68.
Socialist countries and the political strategy of imperialism. V. Vladimirov. Mir. ekon. i mezhdunar. otn. no. 8:3-15 '68.
Who wanted to change the balance of power? Nov. vrem. 25 no. 36:1-3 S '68.

355.02(433)—Federal Republic of Germany

Bonn, a new phase of the armament. V. Tivanov. Mir. ekon. i mezhdunar. otn. no. 8:126-124 '68.
Bonn's nuclear ambitions. V. I. Ilin. Mezhdunar. zhizn' 15 no. 5:30-38 '68.
West German intelligence services against Africa. N. Borlingova. Az. i Afr. seg. 12 no. 7:16-17 JI '68.

355.02(73)—United States of America

Controlling outer space. A. Aleksandrov. Tekh. i vooruzh. 26 no. 1:44-45 Ja '68.
The Far East in the aggressive plans of the Pentagon. A. P. Afanas'ev. Vest. protivovozd. obor. no. 7:83-88 JI '68.
"Inter-American" armed forces again? O. Ignat'ev. Mezhdunar. zhizn' 15 no. 6:126-129 '68.
The United States is the organizer of intervention against Soviet Russia. V. V. Lavrent'ev. Vest. protivovozd. obor. no. 7:87-96 JI '68.
The war in Vietnam and who is profiting from it. O. Ivanov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:89-92 Ag '68.

355.1 Army and navy life. Tradition. Uniforms, etc.

Bogomolov, V. V., and V. A. Zharskii. [I swear!] TA kina i Perim'. Kn. izd., 1967. 78 p. (B-chka prizyvnikov).
Fiftieth anniversary of the armed forces of the Soviet Union. Izv. vya. uchob. zav. i nefi' gaz. 11 no. 2:3-4 '68.
From reminiscences. A. Timofeev. Bibliotekar' no. 2:15 '68.
[Heroes of Soviet Russia] Garol zoml Sovetskoi. [Izd. 2-e. Isp. 1 dop.] Pelozavodek, Karol. kn. izd. 1968. 367 p.

Important means for the education of servicemen. P. Sutin. Bibliotekar' no. 2:5-10 '68.
In the library of a regiment. G. Kontushkova. Bibliotekar' no. 2:20-21 '68.
Preparing for the holiday. N. Etagn. Bibliotekar' no. 2:18-20 '68.
A soldier's day. V. Grinovskii. Voenn. znani. 44 no. 7-26-29 JI '68.
2 Communists in Moscow. T. Zhadna. Bibliotekar' no. 2:16-19 '68.

355.1(73)—United States of America

Reactionary nature of U.S. laws on military discipline. A. N. Pashinogov. Izv. vya. uchob. zav. i nefi' gaz. 6:105-109 N-D '67.

355.2 Forces personnel. Mobilization

Can this be done without any snags? E. Afanas'ev. Tyi i snab. Sov. Voor. Sil. 28 no. 8:51-54 Ag '68.
Cognitive activity of a commander. A. D. Ionov. Vest. protivovozd. obor. no. 7:14-19 JI '68.
Communists of the aviation service force. N. Chirgundov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:18-19 Ag '68.
Ensuring high grade combat readiness of the troops is the main objective. Komm. Vooruzh. Sil. 49 no. 9-54-58 My '68.

Equipment, weapons. Tekh. i vooruzh. 26 no. 1:45-47 Ja '68.
Is there molature on equipment? T. Vinogradov. G. Golovanev. Tekh. i vooruzh. 26 no. 12:16-17 D '67.

A portable workshop. V. Dorokhov. Tekh. i vooruzh. 26 no. 1:21 Ja '68.
Shoulder to shoulder. I. A. Matychenko. Tyi i snab. Sov. Voor. Sil. 28 no. 8:22-24 Ag '68.
Success is forged through common effort. A. Bafasyri. N. Nikishin. Tyi i snab. Sov. Voor. Sil. 28 no. 8:20-22 Ag '68.

Technical provisions for a battalion in an offensive. A. Lobanov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:80-83 Ag '68.
Winter teachers. N. Petrov. B. Srolakovskii. Tekh. i vooruzh. 26 no. 12:38-39 D '67.

355.3 General organization of the force

Give daily attention to young officers. D. Es'kov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:42-43 Ag '68.
Putting an officer's work day in order. I. M. Shubin. Mor. sbor. 51 no. 4:44-45 Ap '68.
Radar station commander. N. A. Ivanov. Vest. protivovozd. obor. no. 7:42-44 JI '68.

355.4 Operations of war. Tactics and strategy

Combat training is in progress. A. Leonov. Tekh. i vooruzh. 26 no. 5:4-5 My '68.
Control posts. V. Chistikov. Tekh. i vooruzh. 26 no. 5:46-47 My '68.
Equipping study rooms. V. Bolars. Tekh. i vooruzh. 26 no. 5:16-17 My '68.
Improve the organization of communications. D. S. Skat. Mor. sbor. 51 no. 4:30-32 Ap '68.
In air battles. V. I. Bakov. Mor. sbor. 50 no. 10:81-86 O '67.
In flame and glory. O. Gurov. G. Timokhin. Tekh. i vooruzh. 26 no. 2:16-21 F '68.
Interception is a cumulative effort. A. Orlov. Av. i kosm. no. 8:18-26 S '68.
Karachichev, N. I. [War toxicology and defense against weapons of mass destruction] Voennoia toksikologiya i zashchita ot oruzhiia massovogo porazheniia. Tashkent, "Meditsina," 1968. 287 p.

Loyal to traditions. O. Denisov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:76-72 Ag '68.
Network schedule planning in agencies of the military communications service. A. Gochelov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:78-79 Ag '68.
Our experience in the training of communication specialists. V. P. Korkin. Vest. protivovozd. obor. no. 7:47-48 JI '68.
Planning automobile transportation. V. Khyl'sov. V. Blokhin. V. Savinov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:73-76 Ag '68.
Preparing for winter is an urgent matter. P. Bondarenko. I. Borshchuk. Tyi i snab. Sov. Voor. Sil. 28 no. 8:67-68 Ag '68.
Providing medical services for a flanking detachment during operations in the mountains. F. R. Dzhaulov. A. I. Legov. Voenn.-med. zhur. no. 4:13-18 Ap '68.
Qualitative evaluation of security. A. L. Lifshits. Mor. sbor. 51 no. 4:23-29 Ap '68.
Signalman at work. D. Felukhov. Voenn. znani. 44 no. 7:10-11 JI '68.
A strict account of training. I. Noskov. Komm. Vooruzh. Sil. 49 no. 9:49-53 My '68.
Use radar station resources economically. S. A. Andreev. Vest. protivovozd. obor. no. 7:50-57 JI '68.
With the aid of graphs. V. Gorshkov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:76-88 Ag '68.

355.4(438)—Poland

Solny. Z. Baczak. Voenn. znani. 44 no. 7:30-31 JI '68.

355.4(597)—Vietnam

A powerful front of support to struggling Vietnam. M. Kotov. Part. zhizn' no. 10:25-28 Ag '68.

355.4(587, 7)—North Vietnam

There, where the war still goes on. M. I. Varnerska. Nov. vrem. 26 no. 35-22-24 Ag '68.

355.4(86)—West and North Central Africa

The Nigerian War. V. Idenko. Nov. vrem. 26 no. 35-11-13 S '68.

355.4(73)—United States of America

Aggression against Vietnam and international law. G. I. Tushin. Nov. vrem. 26 no. 35:14-15 Ag '68.
Primarily and American imperialism. D. J. Carr. Nov. vrem. 26 no. 35:4-7 S '68.
The modern lighting conjures. A. I. Leonov. Nov. vrem. 26 no. 35:10-11 S '68.

355.5 Military training. Exercises. Drill

The aircraft is piloted by a spare pilot. O. Nazarov. Av. i kosm. no. 8:24-27 Ag '68.
The airplane made a forced landing. How to put it back in operation? V. Stegnii. Av. i kosm. no. 9:41-44 S '68.
Army seasoning for the young. I. I. Nazhizin. Voenn. znani. 44 no. 7:34-35 JI '68.
Automation at an autodrome. N. Levashov. Tekh. i vooruzh. 26 no. 1:28 Ja '68.
Bring field training of service force troops to a level with modern requirements. I. Tretyak. Tyi i snab. Sov. Voor. Sil. 28 no. 8:28-34 Ag '68.
Ballistics. N. Bogdanov. Voenn. znani. 44 no. 7:42-43 JI '68.
A class in nuclear physics. I. Mikhailov. I. Tikhov. Tekh. i vooruzh. 26 no. 12:22 S '67.
Combat training is in progress. A. Leonov. Tekh. i vooruzh. 26 no. 5:4-5 My '68.

Computing devices of trainers. V. Karaman. V. Naizel'. V. Polakova. Tekh. i vooruzh. 26 no. 12:11-12 D '67.
Do not allow indulgence and vulgarization in combat training. V. D. Lavrenkov. Vest. protivovozd. obor. no. 7:3-7 JI '68.

[Drill regulations of the Armed Forces of the U.S.S.R.]

Stroev ustav Vooruzhenykh Sil SSSR. Moskva, Voenizdat, 1968. 176 p.
Emergency evacuation routes and passages. N. Boronai. Voenn. znani. 44 no. 7:23-24 JI '68.
Engineering posts. P. Emelianov. Tekh. i vooruzh. 26 no. 5:22-23 My '68.
Ensuring high grade combat readiness of the troops is the main objective. Komm. Vooruzh. Sil. 49 no. 9-54-58 My '68.
The exhibit attracted attention. N. Borostenko. Voenn. znani. 44 no. 7:16-17 JI '68.
The flyer has come to a decision. N. Zaslava. V. Ponomarev. Av. i kosm. no. 8:70-74 Ag '68.
From unpublished letters. Komm. Vooruzh. Sil. 49 no. 9:60 My '68.
Give daily attention to young officers. D. Es'kov. Tyi i snab. Sov. Voor. Sil. 28 no. 8:42-43 Ag '68.
Give more attention to independent study. N. Panov. Tekh. i vooruzh. 26 no. 1:41 Ja '68.
He was attacking the leader. G. Rezikalov. Av. i kosm. no. 8:35-38 Ag '68.
Initiation of combat of a locality. N. Somenychev. D. Dmitriev. Tekh. i vooruzh. 26 no. 12:12-13 D '67.
An important step of training. E. Karasov. G. Epshtein. Tekh. i vooruzh. 26 no. 1:42 Ja '68.
Instructional and methodological studies. M. Pervukhin. Tekh. i vooruzh. 26 no. 5:15 My '68.

An inactive lesson. K. Tolgin. Av. i kosm. no. 8:71-73 Ju '68.
Interaction should be taught. M. Fesenko. Av. i kosm. no. 9:9-12 S '68.
Into the great war. V. Andrushonkov and others. Tekh. i vooruzh. 26 no. 1:8-10 Ja '68.
Kommunist activity in a bearing plant. N. Krecheldikov. Voenn. znani. 44 no. 7:12-13 JI '68.
Leader into the sky. I. Iudin. Av. i kosm. no. 8:19-23 Ag '68.
Learning to drive with a motion picture assisted training apparatus. I. Malozurin. Tekh. i vooruzh. 26 no. 12:24-25 D '67.

Let us popularize literature on civil air defense! Bibliotekar' no. 7:1-4 '68.
The lioness look off on a flight. S. Grilbanov. Av. i kosm. no. 6:77-83 Ju '68.
Lifelines look off on a flight. S. Grilbanov. Av. i kosm. no. 8:84-88 Ag '68.
Maintain order along evacuation routes. A. Nebolsin. S. Bachinin. Voenn. znani. 44 no. 7:26-27 JI '68.
Methods are correct. V. Malarenbaki. Voenn. znani. 44 no. 7:24-26 JI '68.
More courage, contact is imminent. O. Nazarov. Av. i kosm. no. 8:8-8 S '68.
On night flights. I. Iapshov. Av. i kosm. no. 8:56-58 Ag '68.

Organizing the training of students. M. Zhuraviev. B. Trakhtenberg. Tekh. i vooruzh. 26 no. 5:5 My '68.
Our experience in the training of communication specialists. V. P. Korkin. Vest. protivovozd. obor. no. 7:47-48 JI '68.

An outstanding battalion. G. Bodelan. Tekh. i vooruzh. 26 no. 1:3 Ja '68.

Persistently improve the learning process in schools of higher education. V. T. Rachkovskii. Vest. protivovozd. obor. no. 7:53-55 JI '68.

Practical skills for students. G. Gavrilov. Tekh. i vooruzh. 26 no. 1:18-18 Ja '68.

Preparing for a march. N. Ivanovskii. A. Mezhdnikov. Tekh. i vooruzh. 26 no. 1:29 Ja '68.

Rank and file Promotees. V. Vukolov. Av. i kosm. no. 8:42-45 Ju '68.

355.5 (Continued)

Remolding of characters. S. Kashirin. Av. i kosm. no. 4:48-51 S '68

A service force unit folds exams in the field. F. Pastushenko. Tyl i snab. Sov. Voor. Sil 28 no. 8:46-50 Ag '68

The sources of knowledge. S. Kamsjuk. Tekh. i vooruzh. 26 no. 1:12-13 Ja '68

The strong will of the pilot. S. Golubev. V. Tur. Av. i kosm. no. 9:27-30 S '68

Takeoff readiness means combat readiness. I. U. Kutsenko. Av. i kosm. no. 6:41-52 Ag '68

Taming of a "dangerous spiral". S. Kovalov. Av. i kosm. no. 6:12-18 Ag '68

Technical equipment for training. A. Mina and others. Tekh. i vooruzh. 26 no. 12:6-9 D '67

Test exercises in tactical training. G. G. Gulemanian. Vest. protivovozd. obr. no. 7:35-39 Ji '68

Ties are not afraid of fear or cold. V. Vainin. Av. i kosm. no. 8:12-16 Ag '68

Train high-class specialists. Tekh. i vooruzh. 26 no. 1:2-2 Ja '68

Training devices and standards. I. Sychev. Tekh. i vooruzh. 26 no. 5:34-35 My '68

Training of an air fighter. P. Kiranov. Av. i kosm. no. 6:7-13 Je '68

Training repairsmen. N. Nikitin. Tekh. i vooruzh. 26 no. 1:18 Ja '68

Was this an accident? I. Dymov. Av. i kosm. no. 6:32-34 Je '68

We should give help to civil defense instructors. G. Malinin. Bf. i tekhn. no. 9:20-22 S '68

What link position should be maintained by the guided plane? Av. i kosm. no. 6:72-73 Ag '68

What happened to the parachutes? N. Chernykh. Av. i kosm. no. 8:45-47 S '68

Your technical background. V. Dem'janov, G. Timokhin. Tekh. i vooruzh. 26 no. 5:12-15 My '68

355.5(471.26)—Kalinograd Province

Who will continue the exploit? N. Tyurin. Voenn. znan. 44 no. 7:44-45 Ji '68

355.5(471.310)—Moscow City

So that our skies may be clear. S. Solonakhina. Bibliotekar' no. 9:22-23 S '68

355.5(471.63)—Slavropol Territory

Leading up to the active members. V. Maksimov. Voenn. znan. 44 no. 7:38-39 Ji '68

355.5(477)—Ukrainian S. S. R.

The club is on the right path. V. Afifchenko. Voenn. znan. 44 no. 7:17 Ji '68

Taking experience into consideration. G. Isaakian. Voenn. znan. 44 no. 7:20 Ji '68

355.5(478)—Moldavian S. S. R.

Competition is extended. D. Fan'yan. Voenn. znan. 44 no. 7:16-17 Ji '68

355.5(571.14)—Novosibirsk Province

An hour a week. V. Naruts. Voenn. znan. 44 no. 7:21 Ji '68

355.5(574)—Kazakh S. S. R.

Organizational work decides. P. Vasil'yanov. Voenn. znan. 44 no. 7:36-37 Ji '68

Party groups are working. K. Zaporozhchenko. Voenn. znan. 44 no. 7:18-19 Ji '68

355.6 Military administration

An enthusiast of public dining. M. Ezeriskii. Tyl i snab. Sov. Voor. Sil 28 no. 8:45 Ag '68

To you, pilots. After difficult flights. M. Voloshin. A. Pleshan'. Tyl i snab. Sov. Voor. Sil 28 no. 8:25-27 Ag '68

With knowledge of one's business.... V. Dereviankin. Tyl i snab. Sov. Voor. Sil 28 no. 8:52-53 Ag '68

355.7 Military establishments, depots, etc.

Echo of the Vietnam War in Japan. V. Il'gov. Az. i Afr. seg. 12 no. 7:11-13 Ji '68

Experience in adapting scientific labor organization of subprofessional medical personnel into the work practices of a hospital. V. N. Kostur. Voenn.-med. zhur. no. 4:78-79 Ap '68

Officer of the rear services. Av. i kosm. no. 9:16-17 S '68

Scientific labor organization in military medical establishments. V. I. Kreshevo, S. E. Nakhumson. Voenn.-med. zhur. no. 4:76-78 Ap '68

Standard of quality. N. Dudkin. Tyl i snab. Sov. Voor. Sil 28 no. 8:54-58 Ag '68

355.7(431)—German Democratic Republic

Military hospital of the Soviet armed forces group in Germany. A. P. Nechetov, P. A. Geimansov. Voenn.-med. zhur. no. 4:8-11 Ap '68

356.1 Infantry

Guardsmen-parachute troops for the motherland. M. Kashnikov. Tekh. i vooruzh. 28 no. 1:4-7 Ja '68

356.3 Administrative and auxiliary services

Abstracts. N. M. Mikhailov and others. Voenn.-med. zhur. no. 4:80-84 Ap '68

Current questions in the further reduction of infectious diseases among soldiers. V. I. Agalov. Voenn.-med. zhur. no. 4:3-7 Ap '68

The decisions of the Congress are binding. L. Shareiko. I. Vinogradov. Tekh. i vooruzh. 28 no. 2:26 F '68

Exchange of delegations of military physicians between the U. S. S. R. and France. G. I. Stoliarov. Voenn.-med. zhur. no. 4:85-87 Ap '68

Medical evacuation by air: a survey of foreign literature. A. A. Keller. Voenn.-med. zhur. no. 4:19-21 Ap '68

Providing medical services for a fighting detachment during operations in the mountains. E. R. Delashitov. A. I. Logov. Voenn.-med. zhur. no. 4:13-18 Ap '68

The revolutionary military council and war materials. A. Kiselev. Tekh. i vooruzh. 26 no. 2:14-15 F '68

Role of military physicians in working out problems of medical parasitology during the years of Soviet rule. V. A. Podolkin. Voenn.-med. zhur. no. 4:56-60 Ap '68

Sanatorium treatment of military personnel with tuberculosis. V. Kh. Bodarov. Voenn.-med. zhur. no. 4:47-52 Ap '68

Scientific conference of physicians of the Transbaikalian Military District. A. K. Igumov, A. A. Berkovich. Voenn.-med. zhur. no. 4:88-89 Ap '68

Seventh Scientific Conference of Physicians of the Southern Armed Forces Group. A. I. Buziatov. Voenn.-med. zhur. no. 4:82-93 Ap '68

Twelfth Scientific Conference of Physicians of the White Russian Military District. V. P. Komarov, I. I. Golikov, G. N. Tretyakov. Voenn.-med. zhur. no. 4:68-71 Ap '68

357 Mounted troops, cavalry

Military motor vehicle drivers. P. Gorskii. Av. i kosm. no. 2:7-9 F '68

358.1 Artillery and armor

Chernomorskaya. V. Utkin. Tekh. i vooruzh. 26 no. 5:35-36 My '68

A strict account of training. I. Noskov. Komiss. Vooruzh. Sil. 49 no. 2:40-53 My '68

358.4 Air force

The aircraft is piloted by a space pilot. O. Nazarov. Av. i kosm. no. 8:24-27 Ag '68

The airplane made a forced landing. How to pull it back in operation? V. Stegait. Av. i kosm. no. 8:41-44 S '68

Applying Party measures. I. U. Nasonko. Av. i kosm. no. 8:45-48 Ag '68

Combat wings of the fatherland. K. Vershinina. Tekh. i vooruzh. 26 no. 2:10-11 F '68

Communists of the aviation service force. N. Chugunov. Tyl i snab. Sov. Voor. Sil 28 no. 8:16-19 Ag '68

Control and prediction. A. Chumachenko, P. Slonnikov. Tekh. i vooruzh. 26 no. 1:30-31 Ja '68

Controlling target areas at sea by aviation. I. K. Gavrilov, A. M. Ankin. Mor. sbor. 51 no. 4:40-43 Ap '68

Experience in medical preparation of flight personnel for high-altitude flying. V. I. Zorilo. Voenn.-med. zhur. no. 4:70-71 Ap '68

The flyer has come to a decision. N. Zavalov, V. Monastrenko. Av. i kosm. no. 8:70-74 Ag '68

He was attacking the leader. G. Rechkalov. Av. i kosm. no. 8:33-38 Ag '68

It is to heroism. A. El'mov. Av. i kosm. no. 8:2-5 S '68

In a high-efficiency technical operation section. G. Tsvetkov. Av. i kosm. no. 8:68-63 Ag '68

An instructive lesson. K. Tolstog. Av. i kosm. no. 8:71-73 Je '68

Leader into the sky. I. Rudin. Av. i kosm. no. 8:10-23 Ag '68

Lenin and aviation. M. Yassor. Tekh. i vooruzh. 26 no. 1:11 Ja '68

The Heviana took off on a flight. S. Grilbarov. Av. i kosm. no. 8:77-83 Je '68

Louise took off on a flight. S. Grilbarov. Av. i kosm. no. 8:84-88 Ag '68

Long-range flight over the ocean. E. Nikolaev. Av. i kosm. no. 8:54-65 Ag '68

Moral and psychological training of aviators. A. F. Balabae, V. I. Buzinov. Mor. sbor. 51 no. 4:30-40 Ap '68

More courage, contact is imminent. O. Nazarov. Av. i kosm. no. 9:8-8 S '68

On night flights. I. Lapshov. Av. i kosm. no. 8:60-68 Ag '68

Rank and file Prometheus. V. Yuzov. Av. i kosm. no. 6:32-45 Je '68

Readiness and accountability. P. Balshakii. Tekh. i vooruzh. 26 no. 2:8-9 F '68

Remolding of characters. S. Kashirin. Av. i kosm. no. 8:48-51 S '68

The rocket-carrying power of the Soviet state. K. Vershinin. Av. i kosm. no. 8:2-4 Ag '68

Shoulder to shoulder. I. A. Malychenko. Tyl i snab. Sov. Voor. Sil 28 no. 8:22-24 Ag '68

Sincere generosity. V. Mamonov. Av. i kosm. no. 6:10-12 Je '68

Strive persistently for mastery in flying. A. I. Pavlovskii. Mor. sbor. 51 no. 4:33-38 Ap '68

The strong will of the pilot. S. Golubev. V. Tur. Av. i kosm. no. 9:27-30 S '68

Success is forged through common effort. A. Daliyayn. N. Nikishin. Tyl i snab. Sov. Voor. Sil 28 no. 8:20-22 Ag '68

Takeoff readiness means combat readiness. I. U. Kutsenko. Av. i kosm. no. 6:41-52 Ag '68

Taming of a "dangerous spiral". S. Kovalov. Av. i kosm. no. 6:12-18 Ag '68

Training of an air fighter. P. Kiranov. Av. i kosm. no. 6:7-13 Je '68

Two encounters. V. Timoteev. Av. i kosm. no. 8:42-45 S '68

Visible aspects of a "blind" flight. A. Koshitsky. Av. i kosm. no. 9:13-16 S '68

Was this an accident? I. Dymov. Av. i kosm. no. 6:32-34 Je '68

What link position should be maintained by the guided plane? Av. i kosm. no. 6:72-73 Ag '68

Young Communist League accepts a party member into the Air Force. Av. i kosm. no. 8:14-16 Ag '68

360.4(431)—German Democratic Republic

Meeting comrades-in-arms. M. Golyakov. Av. i kosm. no. 6:67-68 Je '68

358.4(507)—Vladimir

Fuel for the air humanity. A. Chetla. S. Khavitsky. Av. i kosm. no. 9:09-02 S '68

350.4(73)—United States of America

Air pirates are colluding with the airplane. V. Babich. Av. i kosm. no. 6:61-63 Je '68

Training of air pirates. I. Lashov. Av. i kosm. no. 6:2-03 Ag '68

350 Navy

Analyzing the practice of a cruise and coastal ship work of a navigator. V. G. Nikulin. Av. i kosm. no. 4:43-44 Ap '68

Basal prostitution during cruise by motorized ship. G. M. Novozhilov. Vopr. voenn. med. 72-74 Ap '68

By order of V. I. Lenin. I. A. Bykhovskii. Av. i kosm. no. 4:12-15 Ap '68

Commander of a rescue launch. V. Udalov. Tyl i snab. Sov. Voor. Sil 28 no. 8:43-45 Ag '68

Following the "Avrova". V. V. Mikhailov. Av. i kosm. no. 10:10-11 Ji '68

A friendly visit to Yugoslavia. A. I. Malafayev. Av. i kosm. no. 4:50-51 Ap '68

Front experience in navigation and seamanship. A. I. Antonov, B. I. Alekseev. Mor. sbor. 51 no. 4:13-15 Ap '68

From the Leningrad of the Soviet Navy. V. I. Ilyin. Av. i kosm. no. 7:7-9 Ji '68

Glories of pages of naval history. A. I. Ilyin. Tekh. i vooruzh. Sil. 49 no. 9:10-11 Ji '68

Guarding the conquest of the Great Patriotic War. G. G. Gulyaev. Mor. sbor. 50 no. 11:13-15 Ji '68

Guarding the Far East sea frontier. N. I. Ilyin. Av. i kosm. no. 10:12-13 Ji '68

Guarding the southern sea frontier. S. K. Churilov, I. S. Il'dinov. Mor. sbor. 50 no. 11:16-17 Ji '68

Half a century on a battle watch. S. G. Gulyaev. Tekh. i vooruzh. 26 no. 2:12-13 F '68

Hero of revolutionary and combat glory. I. Ilyin. N. M. Kulikov. Mor. sbor. 50 no. 11:18-19 Ji '68

Imprinted memories: the navy in Soviet art. I. Ilyin. Mor. sbor. 50 no. 10:10-11 Ji '68

In constant combat readiness. G. M. Ilyin. Av. i kosm. no. 10:31-33 Ji '68

In the Navy's political directorate. A. I. Ilyin. Av. i kosm. no. 4:17 Ap '68

In the world of science and technology. Mor. sbor. 50 no. 4:73-78 Ap '68

The Komsomol and the navy. I. Ilyin. Av. i kosm. no. 10:60-67 Ji '68

Loyal to traditions. G. K. Cherkashin. I. Ilyin. Mor. sbor. 50 no. 10:10-11 Ji '68

On ships. In naval units and divisions; from reports of our correspondents. Mor. sbor. 51 no. 4:10-21 Ap '68

Patrons' gifts in the navy. V. V. Ilyin. Av. i kosm. no. 10:10-11 Ji '68

Qualitative evaluation of security. A. I. Ilyin. Mor. sbor. 51 no. 4:23-28 Ap '68

Sailors of a landing ship. D. Kovalov. Vopr. voenn. med. 72-74 Ap '68

Scientific progress and the development of the navy. N. M. Kulikov. Mor. sbor. 50 no. 11:13-15 Ji '68

Under the flag of the motherland. A. I. Ilyin. Av. i kosm. no. 7:0-0 Ji '68

Watch on the seas and oceans. G. M. Ilyin. Av. i kosm. no. 4:17-18 Ji '68

36 SOCIAL RELIEF AND WELFARE, INSURANCE

381.0 Relief of aid in emergencies, disasters

Devastating effect of tsunami and the principles of organization of medical aid for the victims. I. A. Balinin. Sov. med. 31 no. 4:137-140 Ap '68

The strangest fusion. I. M. Afonov. Agitator no. 14 My '68

382.1 Medical (health) services. Hospitals, clinics, sanatoriums, spas, etc.

382.1(471.02)—Krasnodar Territory

Your attitude toward the people. V. Kiranov. Av. i kosm. no. 14:44-46 Ji '68

382.1(478)—Moldavian S. S. R.

New principles of financing institutions of public health. V. Kiranov. Av. i kosm. no. 7:2-3 Ji '68

362.4 Welfare of physically handicapped
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots.trud. 13 no. 2:144-145 F '68.
Work ability of and job placement for patients following surgery on parasagittal and convex meningiomas. V. A. Vesnikova. Trudy TSU 92:223-228 '68.

362.4(471.61)—Tuslov Province
Youth steps into life. IU. Doshin. Sots.vesp. 43 no. 4: 42-43 Ap '68.

362.6 Welfare of aged, infirm and sick

362.6(471.310)—Moscow City
Monument to Lenin paid for by a pensioner. L. I. Yevnukova. Sots.vesp. 43 no. 4:36-39 Ap '68.

362.6(471.344)—Chuvash A. S. S. R.
After the criticism. N. Vozelova. Sots.vesp. 43 no. 4: 39-42 Ap '68.

367 Institutions for social intercourse. Clubs, etc.
In the centers of political education. Part. zhizn' no. 18: 61-62 S '68.

367(44)—France
Clubs in the Fifth Republic. V. Kolomitsaev. Mir. ekon. i mezhdunar. otn. no. 8:124-127 '68.

367(674)—Kazakh S. S. R.
A club is not a place for relaxation only. K. Sitnikov. Sov. profsoyuzy 24 no. 14:12-13 Ji '68.

368 Insurance
Conference of the insurance workers of the Russian Federation. Fin. SSSR 42 no. 6:57-59 Ag '68.

368.4 Social insurance. Workmen's insurance
Abrosimova, N. A. [The length of service of collective farm members and how to determine it] Trudovoi stazh' chlenov kolkhozov i poriadok ego podverzheniya. (2-e dop. izd.) Moskva, Gosstatkhizdat, 1968, 36 p. (Chislo dolzhen znat' kolkhoznik o pensii i posobiiakh). [Comments to the legislation on pensions and allowances for collective farmers] Kommentarii k zakonodatel'stvu o pensii i posobiiakh kolkhoznikam. Pod obsled. red. V. M. Mikhal'kovicha. Moskva, "Urud. lit.", 1968, 263 p.
Manages the budget economically. M. Naziev. Sov. profsoyuzy 24 no. 14:18-19 Ji '68.

368.4(676.1)—Uzbek S. S. R.
Pension coverage for the workers of Uzbekistan: an interview with V. Miralikhovich, Minister of Finance of the Uzbek S. S. R. Fin. SSSR 42 no. 6:20-21 Je '68.

368.42 Social health insurance. Insurance against occupational diseases
Benefits in granting allowances for temporary disability. S. Smirnov. Sots.trud. 13 no. 2:134-137 F '68.

368.5 Agricultural insurance
Comparing the rates of payment due for the insurance of agricultural crops on collective farms. I. Pliushkova. Fin. SSSR 42 no. 8:92-97 Ag '68.
Constantly improve the work level of state insurance. Fin. SSSR 42 no. 7:49-53 '68.
The object and degree of responsibility in the insurance of agricultural crops. E. Kolomin. Fin. SSSR 42 no. 7: 53-57 '68.

369 Movements, organizations for the promotion of social and national spirit

369(433)—Federal Republic of Germany
What the Sudeten German revanchists try to achieve. K. Karagoezan. Nov.vrem. 20 no. 39:6-9 Ag '68.

369.4 Youth movements. Youth associations
Concern for children and youth in the All-Union Central Council of Trade Unions. Sov. profsoyuzy 24 no. 13: 23 Ji '68.
Festival is a school of solidarity. Sov. profsoyuzy 24 no. 13:35 Ji '68.

369.4(73)—United States of America
Philosophy of life of the Americans and the "New Left." Howard F. Parsons. Vop. filos. 22 no. 6:89-110 '68.

37 EDUCATION

All-Russian Conference of Workers in Culture. Bibliotekar' no. 3:1-2 Mr '68.

How arduous is the student's work? G. L. Tsakach and others. Vest. vys. shkoly 26 no. 7:19-24 Ji '68.
The nature of phenomena in the field of education. L. A. Lovelint. Vop. filos. 22 no. 6:53-65 '68.
Oshakovskaya, L. S. [Why?] Zachem li? Moskva, "Znanie," 1968, 75 p.
Strengthen the control over the expenditures for social and cultural measures. P. Batishchev. I. Rozinfield. Fin. SSSR 42 no. 6:11-14 Je '68.
To the workers in culture of the Russian Federation. Bibliotekar' no. 3:2-1 Mr '68.
Trade stunts and ideological builders of communism! Sov. profsoyuzy 24 no. 11:1-3 Je '68.

37(471.1)—Northern R. S. F. S. U.
[Education in the Far North] Prosveshchenie na Kraiame Severa. Leningrad, "Prosveshchenie," 1967, 228 p. (Sbornik v pomoshch' uchitelu shkol Kraiame Severa. Vyp. 15).

37(471.62)—Krasnodar Territory
This depends on us ourselves. V. Krasnov. Sov. profsoyuzy 24 no. 13:28-29 Ji '68.

370.17 Communist education
Applying Party measures. IU. Nisconko. Av. i kosm. no. 8:45-48 Ag '68.
Basing biological work among troops to a level with the requirements of the party. F. P. Tkachev. Vest. protivovoed. obor. no. 7:8-13 Ji '68.

Concern for the education of youth. Part. zhizn' no. 10: 67-68 Ag '68.

Concern for ideological seasoning. G. Shudrenko. Tyl i snab. Sov. Voor. Sil. 28 no. 8:35-37 Ag '68.
Do not allow indulgence and vulgarization in combat training. V. D. Lavrent'ev. Vest. protivovoed. obor. no. 7: 3-7 Ji '68.

Following the "Aurora." V. V. Mikhailin, A. G. Poshchinskii. Mor. sbor. 50 no. 10:16-23 O '67.
The good name of a soldier. T. Nekrasov. Voenn. znani. 44 no. 7:33 Ji '68.

Guarding the coasts of the Great October. S. G. Gerasimov. Mor. sbor. 50 no. 10:7-15 O '67.
Guarding the southern sea borders of the motherland. S. E. Gerasimov, I. S. Ruzanov. Mor. sbor. 50 no. 10:10-31 O '67.

Hera of revolutionary and combat glory. I. I. Danilov. N. M. Kulakov. Mor. sbor. 50 no. 10:30-52 O '67.
I love you, my country. I. Sviridova. Bibliotekar' no. 9:10-13 S '68.

In constant combat readiness. S. N. I. Iobov. F. I. A. Sizov. Mor. sbor. 50 no. 10:31-38 O '67.
In military districts and fleets. Komm. Vooruzh. Sil. 49 no. 9:91-96 My '68.

In the regions of political education. Part. zhizn' no. 18: 61-62 S '68.
In the interests of the people. Tyl i snab. Sov. Voor. Sil. 28 no. 8:2-5 Ag '68.

In the Navy's political directorate. Mor. sbor. 50 no. 10:47 Ap '68.
An information note for the comrades who attend the schools of party education. Vop. filos. 22 no. 6: 102 '68.

Lenin's decree. Tekh. i vooruzh. 26 no. 2:1 F '68.
Libraries and party education. I. Zolotarev. Bibliotekar' no. 12:1-4 D '67.

Loyal to tradition. G. K. Chernobai, P. D. Burdachenko. Mor. sbor. 50 no. 10:45-50 O '67.
Oath of allegiance to the native country. I. Samokhin. Komm. Vooruzh. Sil. 49 no. 9:29034 My '68.

Oshakovskaya, L. S. [Why?] Zachem li? Moskva, "Znanie," 1968, 75 p.
An outstanding battalion. G. Bodolan. Tekh. i vooruzh. 26 no. 1:3 Ja '68.

Salvors of a landing ship. D. Korolev. Voenn. znani. 44 no. 7:6-7 Ji '68.
Science and the five-year plan. I. Artyukovskii. Tekh. i vooruzh. 26 no. 1:38-39 Ja '68.

To our achievement! Tekh. i vooruzh. 26 no. 12:1 D '67.
Train high-class specialists. Tekh. i vooruzh. 26 no. 1: 1-2 Ja '68.

Watch on the seas and oceans. G. M. Egorov. Voenn. znani. 44 no. 7:1-3 Ji '68.
Yes, Comrade Border! is right. V. Monokhov. Part. zhizn' no. 16:76 Ag '68.

370.17(471.318)—Kaluga Province
A party organization and the scientific and technical intelligentsia. V. Losnitsin. Part. zhizn' no. 18:55-80 S '68.

370.17(471.4)—Central and lower Volga regions
Along the route of a propaganda ship. T. Sokoleva. D. Fedorov. Bibliotekar' no. 11:6-13 '67.

370.17(476)—White Russian S. S. R.
We try to develop an enthusiastic attitude toward work. A. Fain. Bibliotekar' no. 9:36-40 S '68.

370.17(471.322)—Lipetsk Province
Work of the Dobrinka party district committee of Lipetsk Province. Part. zhizn' no. 18:3-9 S '68.

371 School organization. Educational systems
Let us work out problems in theory. I. T. Ogorodnikov. Vest. vys. shkoly 26 no. 7:32-37 Ji '68.

Popov, I. P. [The art of educating] Iskusstvo vospityvat'. Moskva, "Znanie," 1968, 80 p. (Nar. un-t. Ped. fak. 9h. [The revolution, art, and children. Materials and documents] Revoliutsia i iskusstvo - deti. Materialy i dokumenty. [Moskva, "Prosveshchenie," 1968] 416 p. (Iz istorii estet. vospitaniya v sovetskoj shkole. 1924-1929).

371.1 Management. Teaching staff
The demands of our times and the training of teachers. A. D. Gubarev. Vest. vys. shkoly 26 no. 7:28-32 Ji '68.

Departments of public education and colleges for the training of preschool teachers. S. Komkova. Doshk. vosp. 41 no. 2:80-82 '68.

Heavy responsibility. G. Silykova. Doshk. vosp. 41 no. 2:78-79 '68.

Let us work out problems in theory. I. T. Ogorodnikov. Vest. vys. shkoly 26 no. 7:32-37 Ji '68.

Methodological seminars for young teachers. P. F. Atlas. Vest. vys. shkoly 26 no. 7:88-90 Ji '68.

A public profession: review of articles. Vest. vys. shkoly 26 no. 7:58-65 Ji '68.

Tomorrow comes the commission. E. Tsylova. Doshk. vosp. 41 no. 2:103 '68.

371.2 School organization. Routine. Duties
What should a school library be? S. Tsiflik. Bibliotekar' no. 9:42-43 Mr '68.

371.3 Methods of instruction
Authority of the adult in the family. V. Mikhailova. Doshk. vosp. 41 no. 2:45-47 '68.

Children's hands. N. Borozina. Doshk. vosp. 41 no. 2: 47-50 '68.

Developing friendship. M. Petrova. Doshk. vosp. 41 no. 2:9-11 '68.

Developing the interrelations of the little ones. A. Belousova. Doshk. vosp. 41 no. 2:11-12 '68.

Father and child. F. Kravkova, and others. Doshk. vosp. 41 no. 2:64-68 '68.

From the teacher's point of view. I. Mil'man. Doshk. vosp. 41 no. 2:54-55 '68.

"I am good." L. Ostrovskaya. Doshk. vosp. 41 no. 2:5-8 '68.

This is how the harm is done... N. Karasova. Doshk. vosp. 41 no. 2:55-58 '68.

371.6 Teaching and training rooms and equipment
An architect's opinion. I. V. Hleminnikov. Vest. vys. shkoly 26 no. 7:46-48 Ji '68.

Interior of Tallinn kindergartens. G. Panichev. Doshk. vosp. 41 no. 2:86-88 '68.

Practice reaches to observe and generalize. A. I. Vlasenko. Vest. vys. shkoly 26 no. 7:41-42 Ji '68.

Repeating "man-made" equipment. A. A. Bolov, G. K. Smerenok. Vest. vys. shkoly 26 no. 7:12-14 Ji '68.

So far industry keeps silent. B. M. Zinkin. Vest. vys. shkoly 26 no. 7:41-46 Ji '68.

371.7 School hygiene. Health, physical training, games
Musical games and exercises. I. Zavidina. Doshk. vosp. 41 no. 2:14 '68.

371.8 Education of special categories of pupils handicapped, blind, deaf and dumb, etc.
In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 42 no. 6:94 Ag '68.

372 Preschool and elementary or primary education
Characteristics of the development of an emotional and volitional sphere of the preschool child. V. Kolyrlo. Doshk. vosp. 41 no. 2:41-45 '68.

Departments of public education and colleges for the training of preschool teachers. S. Komkova. Doshk. vosp. 41 no. 2:80-82 '68.

Developing friendship. M. Petrova. Doshk. vosp. 41 no. 2:9-11 '68.

...in operation. I. Sedov, V. Baranov. Vnesh. org. 48 no. 7:2-3 '68.
...the importers of cocoa. M. Posolenskiy. Vnesh. org. 48 no. 7:32-34 '68.
...chemical industry of the Democratic Republic of Vietnam. B. Loginov. Vnesh. org. 48 no. 9:1-2 '68.
...trade of the U.S.S.R. in 1967. Vnesh. org. 48 no. 9:59 '68.
...licences should serve the cause of technical progress. V. E. Tomachinskiy. Vop. izobr. no. 2:3-7 '68.
...legal law and discrimination in trade. M. Pochin. Vnesh. org. 48 no. 9:20-25 '68.
...and trade customs and stippling agreements. Vnesh. org. 48 no. 7:42-43 '68.
...V. V. [Economic contacts of Eastern Europe in the first millennium A.D.] Ekonomicheskoe svyazi s Evropy v I tysyachetletii nashet ery. Moskva, 1967, 135 p.

...of calculating least charter standards for cargo operations in foreign ports. A. I. Sokolov. Vop. izobr. no. 16:83 '68.

...of trade agreements. I. Kamenskii. Vnesh. org. 48 no. 9:13-18 '68.

...of successful trade with the developing countries. M. Pochin. Vnesh. org. 48 no. 7:1-2 '68.

...of accounts in barter. P. Mokrisov. Vnesh. org. 48 no. 9:50 '68.

...on the markets of African countries. Vnesh. org. 48 no. 10:7-9 '68.

...of trade. I. Prokopov. Vnesh. org. 48 no. 7:18-22 '68.

...of Torg. za rub. no. 9 '68.

382(177) - Underdeveloped and underdeveloped areas

...instruments of international trade. [Second session of the United Nations Conference on Trade and Development: Statement of delegation heads of socialist countries in a general discussion] Vtoraya sessiya konferentsii po torgovli i razvitiyu. Vystupivshaya glavami sotsialisticheskikh stran v obshchey diskussii. 1968, 227 p. (Prilozheniye no. 5).

...of countries and a conference in New Delhi. Vnesh. org. 48 no. 7:81-83 '68.

...of the main areas of struggle. Vnesh. org. 48 no. 7:2-4 '68.

...of successful trade with the developing countries. M. Pochin. Vnesh. org. 48 no. 7:1-2 '68.

...of equipment. A. Zmeev. Vnesh. org. 48 no. 7:30 '68.

...of the economic backwardness of the Third World. M. Lavrichenko. Mezhdunar. zhitizn. 15 no. 8:58-60 '68.

382(4/9, 103) - Communist countries of the world

...of developing the price system in the socialist countries. K. Popov. Vop. no. 8:7-75 '68.

...of factors in developing international socialist trade. V. Serbichev. Ekon. Raz. likr. 10 no. 4:79-80 '68.

382(4/9, 104) - Capitalist countries of the world

...of asbestos monopolies. M. Ryshin. Vnesh. org. 48 no. 7:30-32 '68.

...of developed capitalist countries. Vnesh. org. 48 no. 10:58-60 '68.

...of United Nations and imperialist intrigues. M. V. Ustinov. Mezhdunar. zhitizn. 15 no. 8:1-3 '68.

...of machinery manufacturing and the international trade in machinery and equipment. A. Krut'kov. Vnesh. org. 48 no. 10:45-51 '68.

382(431) - German Democratic Republic

...of the economic reform and foreign trade of the German Democratic Republic. N. Popov. Vnesh. org. 48 no. 7:13-16 '68.

382(433) - Federal Republic of Germany

...of the struggle of machinery manufacturing monopolies in the Federal Republic of Germany. M. Liubimov. Vnesh. org. 48 no. 9:53-55 '68.

382(471, 62) - Krasnodar Territory

...of foreign trade. Vnesh. org. 48 no. 10:23-25 '68.

382(474, 3) - Latvian S.S.R.

...of commodities are exported into 80 countries. Vnesh. org. 48 no. 7:10-11 '68.

382(485) - Sweden

...of trade. I. Prokopov. Vnesh. org. 48 no. 7:18-22 '68.

382(497, 1) - Yugoslavia

...of trade in licences. D. V. Tserovich. Vop. no. 1:49 Ja '68.

382(52) - Japan
Coastal trade with Japan. I. Kicopin. Vnesh. org. 48 no. 9:48-49 '68.
A different Japanese version of the "Colombo Plan." N. Arkad'ev. Mezhdunar. zhitizn. 15 no. 8:129-130 '68.

382(571, 6) - Soviet Far East
Coastal trade with Japan. I. Kicopin. Vnesh. org. 48 no. 9:48-49 '68.

382(6) - Africa
Soviet equipment on the markets of African countries. I. Andreev. Vnesh. org. 48 no. 10:7-9 '68.

382(64) - Morocco and Northwest African Territories
The Soviet Union and Morocco. Nov. vrem. 26 no. 36:8-9 '68.

382(69) - Islands around Africa
On the Canary Islands. I. Nemtina. Nov. vrem. 26 no. 35:21-22 Ag '68.

382(729) - West Indies
The fortunes of the islands of the West Indies. I. Horvath. Nov. vrem. 26 no. 35:14-15 Ag '68.

382(73) - United States of America
Some aspects of foreign patent policy of the United States. L. A. Lohedeva. Vop. izobr. no. 1:50-51 Ja '68.

382.16 Balance of trade
The pound sterling after the devaluation. V. Komarov. Vnesh. org. 48 no. 9:27-31 '68.

382.16(177) - Underdeveloped and underdeveloped areas

Balance of payments, foreign exchange and financial condition of the developing countries. N. Kurilin. Fin. SSSR 42 no. 6:70-75 Ja '68.

382.16(177) - Underdeveloped and underdeveloped areas

Balance of payments, foreign exchange and financial condition of the developing countries. N. Kurilin. Fin. SSSR 42 no. 6:70-75 Ja '68.

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

382.16(177) - Underdeveloped and underdeveloped areas

389 Metrology. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.
In the Committee of Standards, Measures, and Measuring Instruments of the Council of Ministers of the U.S.S.R. Izv. tekhn. no. 2:79 F '68.
Problems of accuracy in metrology. I. D. Fannerman. Izv. tekhn. no. 2:65-66 F '68.
Stable service for standard reference data on properties of substances and materials. I. I. Novikov. Izv. tekhn. no. 11:3-6 N '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

389.1 Weights and measures. Weights and measures. Standardization. Approval of the official standard on mill length in the U.S.S.R. Izv. tekhn. no. 2:6 F '68.

Family law of the Republic of Mali. G. N. Kudreva. Izv. vys. ucheb. zav., prav. no. 6:122-125 N.D. '67.

395 Etiquette. Formal conduct

395(86)—West and North Central Africa

A stranger from Lagos: a story. Cyprian Ekwensi. Az. Afr. sog. 12 no. 7:35-37 J1 '68.

396 Women and society. Feminism

Always in queue. A. Mikhailov. Bibliotekar' no. 3:16-18 Nr '68.

Creative participation of women in social production. N. Tolstykh. Sole. izd. 13 no. 2:3-9 F '68.

Girls enlisted in the military school in the Kremlin. O. A. Poletaev. Vop. ist. no. 5:209-212 My '68.

Living up to her high calling. S. Zhuravleva. Bibliotekar' no. 3:19-23 Nr '68.

Vagabov, M. V. [Islam and women] Islam i zhenshchina. Moskva, "Mysl," 1968. 230 p.

396(44)—France

Some aspects of the legal regulation of women's employment in France. E. T. Domoatskula. Sov. gos. i pravo no. 8:131-133 Ag '65.

396(471, 54)—Sverdlovsk Province

Initiative in work. P. Kiliudov. Sov. profsoyuzy 24 no. 10:35 My '68.

396(476)—White Russian S.S.R.

Honored lawyer of the White Russian Republic. V. Chikula. Sots. zakon. no. 4:74-77 Ap '69.

397 Primitive peoples

397(287)—Indian Ocean

Geologists came to the jungle. V. Polotskiy. Az. i Afr. sog. 12 no. 7:39-42 J1 '68.

398 Folklore

Aleksandrov, L. A. [Present-day holidays and rites in rural areas] Sovremennoye prazdniki i obrity v derevne. [Moskva], Profilakt. 1968. 84 p. (N-chka sel. prof. sovetnogo aktivista. No. 11 (107)).

Common semantic characteristics of the proverbs and sayings of various peoples. T. S. Butkev. Krat. soob. BKNII no. 2:111-117 '68.

Mezenisev, V. A. [Biography of an artist] Biografiya primet. Moskva, "Znanie," 1968. 48 p. (Novye v zhizni. nauke, tekhnike. Seriya "Estestvoznaniye i religiya." 5).
Kilontarov, A. I. [Tajik proverbs and sayings in a dictionary with Russian proverbs and sayings] Tajikskoe posloviye i popyvki v analogii s russkimi. Dushanbe, "Trion," 1965. 534 p. [In Tajik and Russian]

NTC
Russian folk tales. Doshk. vosp. 41 no. 2:104-115 '68.

398(479, 25)—Armenian S.S.R.

[Armenian folklore. Translated from the Armenian] Armenianski folklor. Moskva, "Nauka," 1967. 223 p.

398(560)—Turkey

Songs of the Turkish people. M. Mar'ina. V mire knig 7 no. 5:35 '67.

396(571)—Asiatic R. S. F. S. U.

Note on present-day Russian folklore in Eastern Siberia. I. E. Filasov. Krat. soob. BKNII no. 2:118-124 '68.

396(571, 54)—Buryat A. S. S. R.

A storyteller from Erivan. G. O. Tsvetov. Krat. soob. BKNII no. 2:125-130 '68.

4. PHILOLOGY. LINGUISTICS. LANGUAGES

41 PHILOLOGY

Common semantic characteristics of the proverbs and sayings of various peoples. T. S. Butkev. Krat. soob. BKNII no. 2:111-117 '68.

Mednikova, E. M. Aleksandr Ivanovich Smirnitkii. Moskva, Izd. Mosk. un-ta, 1968. 58 p. [Zamchaniye nyo uchenye Mosk. un-ta].

[New foreign literature on linguistics] Nov. inostr. lit. po jaz. nos. 4-5, 7 '68.

[Problems in phraseology and the compilation of phraseological dictionaries. (Materials of the 9th All-Union Coordinating Conference)] Voprosy frazeologii i sostavleniya frazeologicheskikh slovarей. (Materialy IX Vsesoyuz. koordinats. soveshchaniya). Baku, okt. 1964-1964 g. Baku, Izd. AN AzSSR, 1968. 176 p.

Semantic analysis. A. K. Zholkovskii, I. A. Mel'chuk. Probl. kn. no. 19:177-238 '67.

The "Sibirsk" EE-II-M4 machine. I. Markhol'. Radio no. 6:14-17 Jo '68.

41(479, 24)—Azerbaijan S. S. R.

Some characteristics of the toponymics of Azerbaijan. R. M. Iusbaev. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 1:134-137 '68.

41(571, 66)—Kamchatka Province

Some geographical names in the area between the N'ysr and Olupotrekty Peninsula. V. P. Kuakov. Vop. geog. Kamch. no. 5:117-121 '67.

41(575)—Central Asia

Geographical study of the Kyzyl Kum Desert with regard to its toponymics. R. L. Ilgal. Izv. Uzb. geog. ob-va 5:101-109 '61.

41(575, 1)—Uzbek S. S. R.

Transliteration of the geographical names of Uzbekistan. Izv. Uzb. geog. ob-va 5:158-159 '61.

42 LANGUAGES AND DIALECTS

43 Germanic Languages

[Textbook of the German language. For the first course of correspondence faculties and departments of pedagogical institutes of foreign languages] Uchebnik nemetskogo yazyka. Dlia ikursa zauch. fak. i ot-d-ni ped. in-tov inostr. Izz. Izd. 2-o. Moskva, "Vyssh. shkola," 1967. 438 p.

43.1 English

[Anglo-Russian soil and agrochemical dictionary. 20,000 terms] Anglo-russkii pochvenno-agrokhimicheskii slovar'. 20 000 terminov. Pod red. A. V. Peterburgskogo i A. A. Rado. Moskva, "Sov. entsiklopediya," 1967. 432 p.

[English-Russian military dictionary. Over 50,000 terms] Anglo-russkii voennyi slovar'. Syvshe 50 000 terminov. Sost. G. A. Sudzilovskii i dr. Pod obshch. red. G. A. Sudzilovskogo. Izd. 2-o, pererabot. i dop. Moskva, Voentdat, 1968. 1063 p.

Zverev, E. A., O. N. Truynava, and N. S. Shchukareva, comps. [Modal verbs in the English language. A collection of exercises] Modal'nye glagoly v angliiskom yazyke. Sbornik uprazhnenii. Leningrad, "Nauka," 1967. 239 p.

NTC
Man and consumer-type ideology. N. V. Novikov. Vop. filol. 22 no. 4:125-136 '68.

462 Russian

[Anglo-Russian soil and agrochemical dictionary. 20,000 terms] Anglo-russkii pochvenno-agrokhimicheskii slovar'. 20 000 terminov. Pod red. A. V. Peterburgskogo i A. A. Rado. Moskva, "Sov. entsiklopediya," 1967. 432 p.

Danilene, Z. [Manual for a practical course in the Russian language. Lexical and grammatical exercises on the subject "Construction and use of sentences with the predicate, expressed verb in the indicative, conditional and imperative moods. (For correspondence students)] Uchebnoe posobie po prakticheskomu kursu russkogo yazyka. Lektsionno i grammat. uprazhneniia po teme "Postroenie i upotrebleniye predlozhenii so skluzonym, vyrazhenym glagolom v 12" i 17" i, sosledn. i 12" i 17" i povelli, nakloneniakh. (Dlia studentov-zachetnikov). Vilnius, 1967. 47 p.

[English-Russian military dictionary. Over 50,000 terms] Anglo-russkii voennyi slovar'. Syvshe 50 000 terminov. Sost. G. A. Sudzilovskii i dr. Pod obshch. red. G. A. Sudzilovskogo. Izd. 2-o, pererabot. i dop. Moskva, Voentdat, 1968. 1063 p.

The Great October Socialist Revolution and efforts to improve the language of Soviet legislative enactments. A. A. Usakov. Izv. vys. ucheb. zav., prav. no. 1:33-38 Ja '68.

Lopushanskii, S. P. [Outline history of verb inflections in the Russian language] Ocherki po istorii glagol'nogo formobrazovaniia v russkom yazyke. Kazan', Tatnigolizdat. Ch. I. 1967. 175 p.

[Moscow business and everyday writing of the 17th century] Moskovskaya delovaya i bytovaya pis'mennost' XVII veka. Izd. podgotovili S. I. Kotkov i dr. Moskva, "Nauka," 1968. 338 p.

Rabinovich, I. S., M. I. Korolev, and L. A. Agarina, comps. [Nepali-Russian dictionary. 38,000 words] Nepali-russkii slovar'. 38 000 slov. Pod rukovod. I. S. Rabinovicha. 5 pril. grammat. ocherka nepal. jaz. i sost. N. I. Korolevym. Moskva, "Sov. entsiklopediya," 1968. 1326 p.

Sakharov, L. V. [Remarkable, reliable, insidious. The Russian language] Udivil'nyi, nadozhnyi, kovarnyi. Rus. jaz. Pormi. Kn. Izd. 1968. 49 p.

Shirvanzade, M. A., and S. M. Seidzade. [Azerbaijani-French phrase book] Azerbaidzhanko-frantsuzskii razgovornik. Baku, "Maarif," 1967. 248 p.

482(571)—Asiatic R. S. F. S. R.

Orlov, R. T. [Reader on the dialects of old-time settlers of Central and Western Siberia. (Textbook)] Khrestomatiya po starozhizhenskii govornam Tsentral'noi i Zapadnoi Sibiri. (Uchebnoe posobie). Krasnodarsk, 1967. 208 p.

484 Other Slavic languages

History of the words of the contemporary literary Bulgarian language. G. K. Venedikov. Sov. slav. no. 3:40-48 My-Je '68.

Origin and development of marked imperative verbs in the history of the Czech language. A. G. Shureckova. Slav. filol. [Mosk. un.] no. 6:3-77 '68.

A seminar for the study of the Slovenian language, literature, and culture. L. V. Kurkina, I. V. Smolova. Sov. slav. no. 3:119-119 My-Je '68.

Significance of the simple past tense in modern literary Bulgarian. V. V. Borodich. Slav. filol. [Mosk. un.] no. 6:78-86 '68.

Tsykhon, G. A. [Syntax of pronominal titles in South Slavic languages. (Balkan-Slavic model)] Sirlaksas nieszloimennyykh titli v iuzhno-slavianskikh yazykakh (Balkanslavian model). Minsk, "Nauka i tekhnika," 1968. 134 p.

481 Other Indo-European languages

Rabinovich, I. S., M. I. Korolev, and L. A. Agarina, comps. [Nepali-Russian dictionary. 38,000 words] Nepali-russkii slovar'. 38 000 slov. Pod rukovod. I. S. Rabinovicha. 5 pril. grammat. ocherka nepal. jaz. i sost. N. I. Korolevym. Moskva, "Sov. entsiklopediya," 1968. 1326 p.

494.1 Ural-Altaic languages

Lexical characteristics of the Altai dialect. M. P. Khomonov. Krat. soob. BKNII no. 2:107-110 '69.
Shirvanzade, M. A., and S. M. Seidzade. [Azerbaijani-French phrase book] Azerbaidzhanko-frantsuzskii razgovornik. Baku, "Maarif," 1967. 248 p.
Word stock of the living language and its differential groups; based on the materials of the Buryat language. T. A. Berlagayev. Krat. soob. BKNII no. 2:100-105 '69.

494.1 (571, 54)—Buryat A. S. S. R.

In the Department of Language and Literature. Krat. soob. BKNII no. 2:141 '69.

494.1 (575)—Central Asia

What color is the Turkmen? A. Trokapevich. Miro-dunar. zhizn' 16 no. 6:110-123 '68.

495 Sino-Tibetan languages. Japanese. Korean

In the Department of the Foreign Countries of the East. Krat. soob. BKNII no. 2:142-143 '68.

5. MATHEMATICS AND NATURAL SCIENCES

500 General

Development of science in Yakutia. M. V. Cherskii. Vys. AN SSSR 38 no. 3:81-85 Mr '68.

[The future of science. Prospects. Hypotheses. Unsolved problems. An international yearbook] Betskache nauch. Perspektivy. Giproty. Nereshennyye problemy. Mezhdunar. ozhegodnik. [Moskva] "Znanie." Vyp. 2. 1966. 350 p.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1] Inform. bul. nov. inostr. knig. posput. v Bibli. Im. V. I. Len. Ser. 1 13 nos. 26-31 S '68.

[Union list of new foreign books, received by the Library of the U. S. S. R. Series A: Natural sciences, medicine, agriculture, technology] Svod. bul. nov. inostr. knig, posput. v Bibli. SSSR. Ser. A: Est. nauki, med., sel'. khoz., tekhn. no. 2 '68.

500(479, 25)—Armenian S. S. R.

[Science in Soviet Armenia] Nauka Sovetskoi Armenii. [Eravan, "Alastan," n. d.] 23 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR).

500(73)—United States of America

Maslennikov, V. I. [Role of state in the organization and financing of research in the U. S. A. Author's abstract of a dissertation for the degree of Candidate of Economics] Rol' gosudarstva v organizatsii i finansirovani nauchnykh issledovaniy v SShA. Avtoreferat dissertatsii na soiskaniye uchenoj stepeni kandidata ekonomicheskikh nauk. Nauchnyi rukovoditel' doktor ekon. nauk M. I. Rubinshteyn. Moskva, 1967. 16 p.

501 Exact sciences in general

The nature and characteristics of the scientific and technological revolution. I. U. S. Mel'shenko. Vop. filol. 22 no. 7:13-24 '68.

Problem of establishing a system of theoretical knowledge. I. V. Krut'. Vop. filol. 22 no. 7:89-100 '68.

Problems of the present-day scientific and technological revolution. Vop. filol. 22 no. 7:23-28 '68.

502 Natural history in general

Mezenisev, V. A. [Mysteries of heaven and earth] Zagadki neba i zemli. Moskva, "Mysl," 1967. 215 p.

The planet is for everybody. I. Adabashov. V mire knig 7 no. 6:16-17 '67.

502.7 Nature and wildlife protection. Wildlife management. All-Union conference on wildlife preserves. A. P. Fedorchenko. *Dokl. AN USSR. Ser. R* 30 no. 7:670-671 11 '68.
Conservation and tourism abroad. V. I. Gutsayenko, L. E. Rozenberg. *Priroda* no. 4:98-101 Apr '68.
From preserve to a natural park. A. G. Banukov. *Priroda* no. 4:99-87 Apr '68.
History of the theory of Soviet laws on land tenure and protection of nature. N. D. Kazantsev. *Izv. vya. ucheb. zav. i prav.* no. 1:75-83 Jan-F '68.
Problems of the utilization of natural resources. Transactions of the First Conference on the Utilization of Natural Resources held in Astrakhan on May 4-5, 1965. *Voprosy prirodopol'zovaniia. Trudy Pervoi konferentsii po prirodopol'zovaniu v g. Astrakhani*, 4-5 marta 1965 g. Leningrad: Astrakhan', 1968. 210 p.

502.7(438)—Poland
Nature protection in the Polish People's Republic. V. S. Gel'man. *Bot. i ust. bel. otd. VBO* no. 10:157-204 '68.

502.7(479)—Caucasus and Transcaucasia
Ge'orgskala, K. I. U., and V. A. Kolov. [Where the rivers begin. (Along the Caucasian Preserve)] Tam, gde nachinalsja reki. (Po Kavkazskomu zapovedniku). Krasnodar, Kn. izd., 1967. 58 p.

502.7(571.6)—Soviet Far East
Some problems of the biology of *Panthera tigris* (tiger) in relation to its protection. N. N. Rukovskii. *Zool. zhur.* 47 no. 5:786-788 May '68.

502.7(575.4)—Turkmen S. S. R.
Kulshak, E. A. [Preserves of Turkmenia] Zapovedniki Turkmenii. Pod red. A. K. Rustamova. Ashkhabad, "Nym," 1967. 61 p.

51 MATHEMATICS

Library of standard subprograms for the "Minsk-22" electronic computer. Biblioteka standartnykh podprogramov dlia EVM "Minsk-22." Leningrad, (Leningradskii dom nauch. tekhn. i promyshl. i. el. el. programirovaniia).

Vyp. 2. [Standard subprograms for decimal conversions and computation of elementary functions] Standartnye podprogramy dlia el. el. funktsii perovodov i vychisleniia elementarnykh funktsii. 1968. 20 p.

Vyp. 3. [Standard subprograms for algebra and analysis] Standartnye podprogramy algebry i analiza. 1968. 20 p.

Mathematics in schools and universities. A. A. Lavrov. *Vest. vya. shkoly* 26 no. 7:37-41 Jul '68.

Nikol'skii, V. N. [Fundamentals of mathematics. Abstract of lectures] Osnovaniia matematiki. (Konspekt lektsii). Kalinin.

Vyp. 1. Podgolovoi i obrabotka A. I. Romanov. 1967. 62 p.

Summary of the development of the physical, technological, and mathematical sciences in the Ukrainian S. S. R. during the past fifty years. Report by the Vice President of the Academy of Sciences of the Ukrainian S. S. R. Academician. V. M. Hlushkov. *Dop. AN USSR. Ser. A* 39 no. 3:213-220 Mar '68.

51.01 Philosophy of mathematics

Evolution of thinking style in natural sciences. I. U. V. Sachkov. *Vop. filos.* 22 no. 4:76-81 '68.
Gnosological problems in the mathematization of science. R. O. Kurbanov, V. I. Perminov. *Vop. filos.* no. 8:181-183 '68.

511 Arithmetic

Algorithms to find the extremum of a linear form on a set of all complete cycles in particular cases. V. S. Aizenshtat, D. N. Kravchuk. *Dokl. AN BSSR* 12 no. 6:401-404 May '68.

Minimizing the values of a linear form on a set of all cycles of length n. I. M. Kuntsevich. *Vestsi AN BSSR. Ser. fiz.-mat. nav.* no. 1:12-16 '68.

Normal sequences and finite automata. V. N. Agafonov. *Dokl. AN SSSR* 179 no. 2:255-256 '68.

511.2 Theory of numbers

Mean value of a double sum. M. Kh. Kamilov. *Dokl. AN Tadzh. SSR* 11 no. 2:3-6 '68.
On the further development of the ergodic method. G. Babaev. *Dokl. AN Tadzh. SSR* 11 no. 2:14-15 '68.
Sums of characters and primitive roots in finite fields. A. A. Karalauba. *Dokl. AN SSSR* 180 no. 8:1287-1289 Jo '68.

512 Algebra

Dimensionality of the product of one-dimensional bilinear forms. I. K. Lifanov. *Dokl. AN SSSR* 180 no. 3:534-537 '68.

Maximal commutative subalgebras of a complete matrix algebra. Z. M. Dymov. *Vestsi AN BSSR. Ser. fiz.-mat. nav.* no. 1:17-24 '68.

512.13 Equalities and inequalities
Linear inequalities. Hoang Toy. *Dokl. AN SSSR* 179 no. 2:283-286 '68.

512.2 Equations

A variant of the relation method. P. I. Monastyrnyi. *Dokl. AN BSSR* 12 no. 7:588-590 Ji '68.

512.31 Polynomials

Coefficients of extremal polynomials and Chebyshev alternances. L. G. Lozner. *Dokl. AN SSSR* 180 no. 6:1290-1293 Je '68.

Derivation of extremal trigonometric mixed-type polynomials. E. V. Voronovskii. *Dokl. AN SSSR* 179 no. 4:768-771 '68.

Iteration method for finding the best approximation polynomial. A. A. Kornetschuk, N. I. Chirikova. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:670-674 My-Je '68.

512.6 Determinants

Application of a generalization of the Vandermonde determinant. B. P. Paschev. *Zhur. vych. mat. i mat. fiz.* 6 no. 3:652-658 My-Je '68.

512.63 Matrices

Algorithms for solving a system of linear equations in finite fields. I. V. Konovaf'sev. *Probl. kib.* no. 10:260-274 '67.

Extremum of quadratic and bilinear forms on the symmetric group S_n . I. M. Kuntsevich. *Dokl. AN BSSR* 12 no. 6:397-400 My '68.

Infinite Hermitian matrices with operator coefficients. A. L. Chelstakov. *Dokl. AN SSSR* 178 no. 6:1020-1032 '68.

Matrix elements of the spinor representation of a group of rotations of an n -dimensional Euclidean space and their implicit expression as functions of Euler's angles. I. A. M. Chikvashvili. *Soob. AN Gruz. SSR* 47 no. 3:525-528 '67.

Note on the theory of matrix accelerations and spectral matrix functions of canonical differential systems. F. F. Melik-Adamian. *Dokl. AN Arm. SSR* 45 no. 4:145-151 '67.

512.89 Algebraic forms

Extremum of quadratic and bilinear forms on the symmetric group S_n . I. M. Kuntsevich. *Dokl. AN BSSR* 12 no. 6:397-400 My '68.

Minkowski's problem relative to a system of nonuniform linear forms. Kh. N. Karzulaev. *Dokl. AN SSSR* 180 no. 8:1298-1299 Je '68.

512.9 Vector analysis. Calculus of tensors

Diffusion of tensors. K. B. Pyrklin. *Dokl. AN SSSR* 179 no. 8:1284-1287 Ap '68.

[Elements of vector calculus and analytic geometry in space. Textbook for students of the Faculty of Farm Mechanization of the Novosibirsk Agricultural Institute] Elementy vektornogo ischisleniia i analiticheskoj geometrii v prostianstve. Uchebnoe posobie dlia studentov fakul'teta mekhanizatsii s. kh. NSKhI. Novosibirsk, 1967. 185 p.

Matrix elements of the spinor representation of a group of rotations of an n -dimensional Euclidean space and their implicit expression as functions of Euler's angles. I. A. M. Chikvashvili. *Soob. AN Gruz. SSR* 47 no. 3:525-528 '67.

513 Geometry

Col'land, L. M., E. G. Glogolova, and A. A. Kirillov. [Method of coordinates. Metod koordinat. Izd. 3-o, ispr. Moskva, "Nauka," 1968. 78 p. (B-chka fiz.-mat. shkoly. Matematika. Vyp. 1).

513.6 Algebraic curves, surfaces and varieties
Local biholomorphically isomorphic embeddings of manifolds. A. V. Chernavskii. *Dokl. AN SSSR* 181 no. 2:280-293 Ji '68.

513.7 Line and enumerative geometry. Complexes. Continuities. Connexes. Kinematic geometry. Transformations
Baker, M. A. [Inversion] Invariance. Moskva, "Nauka," 1966. 77 p. (Popularnye lektsii po matematike. Vyp. 4).

Generalized equiparametric manifolds in n -dimensional projective space. E. T. Ivlev. *Dokl. AN SSSR* 180 no. 3:523-525 '68.

513.8 Non-Euclidean, multidimensional and other forms of geometry. Functional and Hilbert spaces

Approximate solution of singular integral equations by the method of mechanical quadratures. B. G. Gabdukhayev. *Dokl. AN SSSR* 179 no. 2:280-283 '68.

Commutativity of supersolution rules and a complete set of observables. S. G. Kharatian. *Dokl. AN SSSR* 180 no. 3:564-568 '68.

Gap systems. B. E. Vitis. *Dokl. AN SSSR* 179 no. 4:762-765 '68.

Method for accelerating the convergence of iteration processes. V. A. Stetsenko. *Dokl. AN SSSR* 178 no. 5:1021-1024 '68.

A nonlinear equation in certain Banach spaces. G. A. Mirzoev. *Izv. AN Azerb. SSR. Ser. fiz.-tekhn. i mat. nauk* no. 2:34-39 '68.

On n -dimensional surfaces in projective space. E. T. Ivlev. *Dokl. AN SSSR* 180 no. 8:1283-1288 Je '68.

Reversibility of the fundamental problems in the theory of approximations. S. V. Baidzhanov. *Izv. AN Uz. SSR. Ser. fiz.-mat. nauk* 12 no. 2:14-16 '68.

Spaces of B. V. Vedenaplin. V. T. Vedrev. Vestsi AN BSSR. Ser. fiz.-mat. nav. no. 1:61-73 '68.

Structure of primary ideals in rings of functions integrable with increasing weight on the semiaxis. V. B. Gurarii. *Dokl. AN SSSR* 178 no. 6:891-894 '68.

Test spaces for the homological dimensionality of para-compact spaces. V. Kuz'minov. *Dokl. AN SSSR* 181 no. 3:518-521 Ji '68.

Theorems on homeomorphisms produced by elliptic operators. I. A. Rutberg. *Dokl. AN SSSR* 180 no. 3:542-545 '68.

513.83 Topology

Absolutes of homogeneous spaces. B. Efimov. *Dokl. AN SSSR* 179 no. 2:271-274 '68.

Almost cyclic mappings. E. G. Skliarenko. *Mat. ebor.* 75 no. 2:200-202 F '68.

Analogs of the topology of measurable function space in a K-linear with a unity. S. N. Slugin. *Dokl. AN SSSR* 180 no. 6:1306-1308 Je '68.

Base structure of B-space and the properties of a sphere invariant with respect to isomorphisms. V. D. Mil'man. *Dokl. AN SSSR* 179 no. 4:779-782 '68.

Classifying spaces for principal fiberings with Hausdorff spaces. I. M. Gol'fand, D. B. Fuks. *Dokl. AN SSSR* 181 no. 3:515-518 Ji '68.

A contribution to the dimension theory. O. V. Lokutsevskii. *Dokl. AN SSSR* 179 no. 2:287-289 '68.

Embedding of finite-like compacta in C_1 . M. A. Shnarko. *Mat. ebor.* 75 no. 2:211-214 F '68.

Extension of normal topology in a K-linear. S. N. Slugin. *Dokl. AN SSSR* 181 no. 1:26-28 Ji '68.

Homeomorphisms of Euclidean space and topological embeddings of polyhedra in Euclidean spaces. Part 3. A. V. Chernavskii. *Mat. ebor.* 75 no. 2:264-265 F '68.

Homeomorphisms and absolutes. V. Fedorchuk. *Dokl. AN SSSR* 180 no. 3:546-548 '68.

On the fundamental theorem in the homological dimension theory. P. Atokanov. *Dokl. AN SSSR* 180 no. 3:510-522 '68.

Robertson, A. P., and Wendy Robertson. [Topological vector spaces. Translated from the English.] Topologicheskie vektornye prostranstva. Pod red. i s pril. A. A. Rukovskii. Moskva, "Mir," 1967. 257 p. (B-chka sbornika "Matematika").

Stability of abstract boundary value problems in a bounded domain with weak perturbations of boundary operators. I. V. Gol'man. *Dokl. AN SSSR* 179 no. 2:264-266 '68.

514 Trigonometry. Polygonometry

The history of trigonometric tables. D. Kh. Karimov, M. Kasimov. *Izv. AN Uz. SSR. Ser. fiz.-mat. nauk* 12 no. 2:23-26 '68.

Khronov, L. S. [Eight-place tables of trigonometric functions containing the natural values of six trigonometric functions by regular 10° intervals from 0° to 360° and the cotangent and cosecant values by 1° intervals from 0° to 14°05'] Vost'miznachnye tablicy trigonometricheskikh funktsii, soderzhashchie natural'nye znacheniia shesti trigonometricheskikh funktsii cherez kazhdye 10° ot 0 do 360° i znacheniia kotangensov i kosinusev cherez 1° ot 0 do 14°05'. Moskva, "Nauka," 1967.

515 Descriptive geometry

Diagram of the surface of a wire frame for a mannequin of the human body. V. N. Bogdanov. *Izv. vya. ucheb. zav. i tekhn. i. leg. prom.* no. 3:134-148 '68.

516 Analytical geometry

[Elements of vector calculus and analytic geometry in space. Textbook for students of the Faculty of Farm Mechanization of the Novosibirsk Agricultural Institute] Elementy vektornogo ischisleniia i analiticheskoj geometrii v prostianstve. Uchebnoe posobie dlia studentov fakul'teta mekhanizatsii s. kh. NSKhI. Novosibirsk, 1967. 185 p.

517 Analysis. Calculus
Banach's commutative symmetric algebras of operators in the Pontryagin space \mathcal{H} . A. I. Loginov. *Dokl. AN SSSR* 179 no. 6:1278-1278 Ap '68.

Haar type measures, noninvariant relative to group symmetry. M. R. Tairashvili. *Soob. AN Gruz. SSR* 47 no. 3:519-524 '67.

Use of computational technique in physiological research. E. B. Baskin, E. S. Geller. *Vest. AMN SSSR* 23 no. 5:3-13 '68.

Use of correlative and spectral analysis for the evaluation of the changes in EEG in focal lesions of the brain. O. M. Grindel', G. N. Boldyova, A. T. Armutov. *Vest. AMN SSSR* 23 no. 5:71-84 '68.

517.948 Functional equations
Iterative method for solving functional equations. M. A.
Dartish, *Izop. AN UZSSR, Ser. A* 30 no. 5:387-391
My '68.
Solutions to certain functional equations in classes of
functions analytical in convex domains. I. U. F.
Korotelnik, *Mat. sbor.* 75 no. 2:225-234 F '68.

...

52 ASTRONOMY. SURVEYING. GEODESY

- The greatest astronomers of the world. A. Cherniak. *V mire knizh* 7 no. 3:18 '67.
- Monitoring signals of extraterrestrial civilizations. V. Trotskiy. *Av. i kosm.* no. 9:58-61 '68.
- Notes of a member of the 13th Congress of the International Astronomical Union. B. V. Kumborg. *Zem. i vesl.* no. 2:14 '68.
- Orlov, V. E. [Three hundred problems in astronomy] 300 voprosov po astronomii. Moskva, "Prosvushchennye," 1967. 160 p.

521 Theoretical astronomy

- Conference on celestial mechanics and astrodynamics. K. P. Akremov. *Zem. i vesl.* no. 2:72-74 '68.

522 Practical astronomy

- Dependence of telluric line parameters on the air mass and on the height of the observation point. N. I. Kozhevnikov and others. *Astron. vest.* 2 no. 2:114-119 Ap-Je '68.
- Determining the longitude by the observation of stars near the elongation. N. A. Kutevskiy. *Uch. zap. UrGU* no. 6:1-23 '66. [publ. '67]
- Development of the manufacture of astronomical instruments. N. N. Mikhelson. *Vest. AN SSSR* 38 no. 3:111 '69.
- Investigation of vacuum diffraction spectrograph ASP-12. L. A. Minolova, L. N. Zhukova, V. D. Galkin. *Izv. GAO* 24 no. 6:258-261 '67.
- Measuring circular polarization with the large Pulkovo Radio Telescope. G. V. Kuznetsova. *Izv. GAO* 24 no. 6:245-249 '67.
- New geophysical observatory of the Academy of Sciences of the S.S.S.R. I. I. Popov. *Zem. i vesl.* no. 2:58-65 '68.
- New projects for national observatories. I. M. Bezchubov. *Zem. i vesl.* no. 2:75-78 '68.
- On the problem of an international radio telescope. S. I. Kharin and others. *Izv. GAO* 24 no. 6:235-244 '67.
- Preliminary results of observations of the Milky Way in 6.4 cm wavelength at the Pulkovo Observatory. I. N. Parikhin, V. A. Gol'tov, N. M. Lipovskaya. *Izv. GAO* 24 no. 6:205-204 '67.
- Quality of star images at seven points of the Caucasus. G. I. Bol'shakova and others. *Izv. GAO* 24 no. 6:255-257 '67.
- Radio-astronomical studies of the motions and dimensions of small-scale inhomogeneities of interplanetary plasma. V. V. Vinkevich, V. I. Vinov. *Dokl. AN SSSR* 181 no. 3 '72:571-571 '68.
- Radio astronomy research in Latvia. I. A. Ikaunika. *Vest. AN SSSR* 38 no. 3:60-71 '68.
- Radiofrequency radiation of the sun during 1956-1963 in the microwave region from observations made with the large Pulkovo Radio Telescope. Part 2. *Izv. GAO* 24 no. 6:229-234 '67.
- Recent developments in lunar photometry. V. V. Shevchenko. *Zem. i vesl.* no. 2:21-25 '68.

523 Descriptive astronomy

- Alfven, H., and C. G. Fälthammar. [Cosmical electrodynamics. Fundamental principles. Translated from the English] Kosmicheskaia elektrodinamika. Osnovnye printsipy. Pod red. I. A. Arslanovskiy. 2 otd. Moskva, "Mir," 1967. 260 p.
- Arrangements in meteorites and igneous rocks. A. P. Vinogradov, K. P. Pionerskiy, V. P. Volynets. *Geokhimiya* no. 10:875-885 '68.
- Inclusions in stony meteorites. A. A. Iashinskaya. *Mn. sbor.* 21 no. 3:276-281 '67.

523(47). 53—Perm Province

- Soverniy Koleshim meteorito. I. A. Iudin. *Prifroda* no. 4:85-86 Ap '68.

523.03 Astrophysics

- New experimental data on the interplanetary field and magnetosphere. M. G. Usp. *fiz. nauk* 95 no. 4:711-718 Ag '68.

523.07 Astrobiology

- [Literature on problems in astrobiology] Literatura po problemam astrobiologii. Leningrad, 1967. 78 p.

523.16 Various cosmic phenomena: dust, rays, etc.

- Characteristics of the spectra of cosmic radiation sources in the decimeter radio wave band. S. I. Braude and others. *Dokl. AN SSSR* 180 no. 8:1323-1326 Je '68.
- Dust particles orbiting the earth and the fireball procession of 1913. A. M. Bakharov. *Zem. i vesl.* no. 2:56-57 '68.
- Measuring the linear polarization of background cosmic radiation. V. V. Khrulev. *Izv. vys. ucheb. zav.; radiofiz.* 11 no. 6:814-821 '68.
- On the accuracy of radio astronomy methods for measuring antenna parameters. V. B. Tsel'tsin. *Izv. vys. ucheb. zav.; radiofiz.* 11 no. 6:822-833 '68.
- Polarization of thermal radio emission of the moon and planets. N. S. Soboleva. *Izv. GAO* 24 no. 6:205-226 '67.

- Radio emission of the moon in the millimeter and sub-millimeter ranges. L. I. Fedoseev, L. V. Lublako, L. M. Kukin. *Izv. vys. ucheb. zav.; radiofiz.* 11 no. 6:807-813 '68.
- Radiofrequency radiation of the sun during 1956-1963 in the microwave region from observations made with the large Pulkovo Radio Telescope. Part 2. V. N. Ikhvanova. *Izv. GAO* 24 no. 6:229-234 '67.
- Results of optical identification of radio sources at the Pulkovo Observatory. S. Iakubian, I. N. Parikhin. *Izv. GAO* 24 no. 6:175-186 '67.
- Results of the observations of galactic radio sources in 6.4 cm made at the Pulkovo Observatory. I. N. Parikhin, V. A. Gol'tov, N. M. Lipovskaya. *Izv. GAO* 24 no. 6:153-174 '67.
- Theory of radio-frequency radiation from Mercury. I. N. Volukhova, A. D. Kuz'min. *Astron. vest.* 2 no. 2:65-71 Ap-Je '68.

523.2 Solar or planetary system: origin, etc.

- Change of bands and details on Jupiter in 1962-1965. V. D. Bezuglova, L. A. Baranova, L. P. Leschinskaya. *Astron. vest.* 2 no. 2:120-125 Ap-Je '68.
- Distribution functions according to sizes of fragments in the case of powerful explosions. A. K. Mukhamed-zhanov. *Astron. vest.* 2 no. 2:90-93 Ap-Je '68.
- Observations of the Lohm meteor shower in 1967 in Frunze. K. A. Karimov, V. A. Ogurtsov, R. L. Khottinsk. *Astron. vest.* 2 no. 2:120-127 Ap-Je '68.
- Radiation of fireballs. I. N. Kovshun. *Astron. vest.* 2 no. 2:97-101 Ap-Je '68.
- Selecting the model of the photoresistor by rotational temperatures of molecules CH₄, NH₃, OH, CN, and CO. A. I. Khlystov. *Astron. vest.* 2 no. 2:108-113 Ap-Je '68.
- Some characteristics of the Red Spot on Jupiter. N. K. Andrianov. *Uch. zap. UrGU* no. 6:78-100 '66. [publ. '67]
- Temperature, pressure, and density of the atmosphere of Venus as measured by the automatic interplanetary station "Venera-4." V. S. Avdeyevskiy and others. *Dokl. AN SSSR* 179 no. 2:310-313 '68.
- Theory of radio-frequency radiation from Mercury. I. N. Volukhova, A. D. Kuz'min. *Astron. vest.* 2 no. 2:65-71 Ap-Je '68.

523.3 The moon

- Distribution functions according to sizes of fragments in the case of powerful explosions. A. K. Mukhamed-zhanov. *Astron. vest.* 2 no. 2:90-93 Ap-Je '68.
- First results of direct studies of lunar soil. I. I. Cherkasov, V. V. Savarev. *Zem. i vesl.* no. 2:15-24 '68.
- Global exploration of the moon. I. P. Tsakovskiy. *Prifroda* no. 4:24-37 Ap '68.
- Hypothetical levels of the lunar surface. I. V. Gavrilov, V. S. Kieffok. *Astron. vest.* 2 no. 2:72-80 Ap-Je '68.
- Investigation of the moon. A. A. Mikhailov. *Zem. i vesl.* no. 2:2-13 '68.
- Mechanism underlying the formation of lunar seas. A. I. Sukharov. *Dokl. AN SSSR* 181 no. 2:309-312 Ji '68.
- On the determination of the figure of the moon. N. L. Makareko. *Astron. vest.* 2 no. 2:81-89 Ap-Je '68.
- Polarization of thermal radio emission of the moon and planets. N. S. Soboleva. *Izv. GAO* 24 no. 6:205-226 '67.
- Radio emission of the moon in the millimeter and sub-millimeter ranges. L. I. Fedoseev, L. V. Lublako, L. M. Kukin. *Izv. vys. ucheb. zav.; radiofiz.* 11 no. 6:807-813 '68.
- Recent involvements in lunar photometry. V. V. Shevchenko. *Zem. i vesl.* no. 2:24-25 '68.
- Studying the cross section of radio wave scattering by the moon using models in the optical range. A. A. Bogdanov and others. *Izv. vys. ucheb. zav.; radiofiz.* 11 no. 6:801-806 '68.
- Water band of the luminescence of the moon. N. N. Petrova. *Izv. GAO* 24 no. 6:151-156 '67.

523.7 The sun

- Concerning the problem of fundamental laws of solar cycles. I. I. Vitinskii. *Izv. GAO* 24 no. 6:149-150 '67.
- Interpretation of spectroscopic data on chromospheric filaments as shock waves in connection with generation of prominences. R. E. Guseinov. *Izv. GAO* 24 no. 6:89-103 '67.
- Motion of gas and of the magnetic field in sunspots and the methods of their determination. R. N. Ikhvanov. *Izv. GAO* 24 no. 6:62-74 '67.
- Photoelectric photometry of solar granulation in several regions of the continuum. G. I. Vasil'eva and others. *Izv. GAO* 24 no. 6:6-61 '67.
- Residual intensities of the Fraunhofer lines H and K in the center of the solar disk. V. A. Kral. *Izv. GAO* 24 no. 6:3-5 '67.
- Shifts of spectral lines, levels, and terms of a neutral iron in the case of small pressure drop. O. A. Mel'nikov. *Izv. GAO* 24 no. 6:117-130 '67.
- Solar activity. I. I. Vitinskii. *Zem. i vesl.* no. 2:27-36 '68.
- Some characteristics of the glow of the polar faculae. M. N. Stokanova. *Izv. GAO* 24 no. 6:81-88 '67.
- Spectrum analysis of a bright prominence. V. N. Zulkov. *Izv. GAO* 24 no. 6:104-105 '67.

523.8 Stars

- Astronomical observations in May and June of 1963. A. I. Marlen'skiy, V. F. Zabolotnyi. *Zem. i vesl.* no. 2:80-82 '68.

- Evolution of close binary systems. L. I. Shezhuho. *Uch. zap. UrGU* no. 6:76-71 '68. [publ. '67]
- New results of RS Oph. I. N. Ikhvanov. *Zem. i vesl.* no. 2:36 '68.
- Preliminary results of observations of the Milky Way in 6.4 cm wavelength at the Pulkovo Observatory. I. N. Parikhin, V. A. Gol'tov, N. M. Lipovskaya. *Izv. GAO* 24 no. 6:153-174 '67.
- Quality of star images at seven points of the Caucasus. G. I. Bol'shakova and others. *Izv. GAO* 24 no. 6:255-257 '67.
- Results of the observations of galactic radio sources in 6.4 cm made at the Pulkovo Observatory. I. N. Parikhin, V. A. Gol'tov, N. M. Lipovskaya. *Izv. GAO* 24 no. 6:153-174 '67.
- Spectrophotometry of the H α spectrum of some stars of the Cep type. Part 2. Quantitative analysis of atmospheres. V. S. Popov. *Izv. GAO* 24 no. 6:157-162 '67.
- Statistical investigation of eclipsing variables. M. A. Svechnikov. *Uch. zap. UrGU* no. 6:74-81 '66. [publ. '67]
- Studying the system of galaxy clusters in the Corona Borealis. M. A. Svechnikov, I. I. Tokareva. *Uch. zap. UrGU* no. 6:72-85 '68. [publ. '67]

525 The Earth (considered astronomically)

- Conference on problems of the study of the earth as a planet by methods of astronomy and geodesy. I. A. Dyshko. *Dop. AN URSSi. Ser. B* 30 no. 7:608-609 '68.

525.7 Terrestrial atmosphere. Ionosphere

- Atmospheric turbulence. V. I. Tatarskiy. *Zem. i vesl.* no. 2:37-46 '68.
- Dispersion of electromagnetic waves in the local inhomogeneities of the troposphere. Ch. TS. Tsydyppov. *Krat. sob. DKNi* no. 2:24-28 '68.
- Distribution of ionospheric radio wave absorption along the radio wave trajectory in vertical probing. K. I. Tsukhshvili. *Sob. AN Gruz. SSR* 47 no. 3:567-570 '67.
- Relation between vertical air velocities and atmospheric ozone. D. F. Khutshvili. *Sob. AN Gruz. SSR* 47 no. 3:561-568 '67.
- Use of the method of spectroscopic observation in determining the atmospheric dispersion. V. N. Petrov. *Izv. GAO* 24 no. 6:250-254 '67.

526 Geodesy. Surveying. Triangulation

- Allowance for the second order in the formula of a filament range finder. V. S. Khilenko, M. N. Sadikova. *Trudy NIIZIT* no. 50:40-51 '67.
- Atlas depicting the oceanic and natural development of the U.S.S.R. O. A. Evseev, M. M. Mokhov, S. P. Petrova. *Geod. i kart.* no. 4:68-73 Ap '68.
- Calculation of the precision of a trigonometric net for determining deformations of bridge structures. A. F. Izhits, M. N. Sadikova. *Trudy NIIZIT* no. 50:29-31 '67.
- Construction of transverse profiles in drawing vertical relief projections. N. V. Ilyin. *Trudy NIIZIT* no. 50:67-70 '67.
- Conclusions from a bird's eye view. A. Chikhov. *V mire knizh* 7 no. 5:11 '67.
- Distribution of a railroad track plan during the process of its exploitation. V. P. Sorokin. *Trudy NIIZIT* no. 50:3-18 '67.
- Effect of the limit of an optical micrometer on measurements using the technique of adjustment of circle readings. A. I. Solodov. *Geod. i kart.* no. 4:28-31 Ap '68.
- Experiences gained in signalling operations during stereographic surveys to scale 1:25,000. A. G. Vatin. *Geod. i kart.* no. 4:53-64 Ap '68.
- Field investigations with a filament range finder using a surveying rod with a transverse mark. I. A. I. Puzenkov. *Trudy NIIZIT* no. 50:25-28 '67.
- The CAZ-47 corner country theodolite and their performance in the arctic regions. M. I. Iakov. *Geod. i kart.* no. 4:40-42 Ap '68.

[Geology] Rel. kluz.; Geod. no. 8 Ag '68.

- Geodetic section of the Leningrad department of the All-Union Astronomical and Geodetic Society discusses problems of engineering geodesy. I. S. Kurenov. *Zem. i vesl.* no. 2:83-84 '68.
- Influence of the measuring errors of parallax angles on the accuracy of distance determination. O. S. Makar. *Dop. AN URSSi. Ser. B* 30 no. 7:612-615 '68.
- Methods of determining deformations of railroad structures. M. N. Sadikova. *Trudy NIIZIT* no. 50:35-48 '67.
- On the basic position in topographic surveys to scales 1:5,000 and 1:2,000. N. A. Sokolova. *Geod. i kart.* no. 4:42-53 Ap '68.
- Surveying for railroad stations by means of right angle intersections involving the use of computers for processing data. B. L. Nikiforenko, K. G. Strazhdinov. *Trudy NIIZIT* no. 50:75-81 '67.
- Possibility of using F. S. Fedorov projections when locating roads on abrupt mountain slopes. A. I. Slivodnikov. *Trudy NIIZIT* no. 50:65-68 '67.
- Practical nomogram for sagging error correction in steel tape measurements. Kh. K. Kristov. *Glits. stroi.* 35 no. 6:51-52 Je '68.
- Set of triangulation leveling programs for the electronic digital computer "Razdan-2." N. V. Avaev. *Geod. i kart.* no. 4:10-27 Ap '68.
- A system for observing a signal tower. G. N. Iu. K. V. Shrolov. *Geod. i kart.* no. 4:36-39 Ap '68.

533 (Continued)

- Scattering of sound from the surface of the ocean and the water column adjacent to it. I. D. Andreeva, E. G. Khat'yan. *Trudy AN SSSR* 284:182-185 '68.
- Simulation of a two-dimensional white-band vibroisolation system. V. B. Laitin. *Dokl. AN UzbSSR*, Ser. A 30 no. 5:444-444 My '68.
- Some features of the dynamics of compressible rigid elastostatic medium. G. A. Guntov. *Sov. mech.*, no. 10 no. 3:32-35 '68.
- Study of microoscillations in a system of rods and seals of hydraulic turbine and generator units. A. I. Kulikov, V. A. Semerova. *Izv. vuz. tekhn.* no. 11:70-77 N '68.
- Study of the acoustic tract of an oblique probe in ultrasonic defectoscopy. I. N. Ermolov. *Zav. lab.* 34 no. 5:543-545 '68.
- Study of the acoustic transmissivity of the system: Water - cylindrical body. A. P. Rumyantsev, A. D. Tarneeva. *Zav. lab.* 31 no. 5:548-551 '68.
- Study of the effect of ultrasound on the extraction of alkaloids from the bark of tannin. V. D. Iloin, I. V. Melnikova. *Khim. farm. zhur.* 2 no. 2:40-43 F '68.
- Ultrasonic heating of metals. U. F. Bakhayev, V. S. Postnikov. *Fiz. i khim. obr. mat.* no. 2:117-119 Mr-Apr '68.
- Ultrasonic method for determining oil-water interface. F. S. Pichko. *Izv. vuz. tekhn.* no. 11:70-77 N '68.
- Ultrasonics and its scientific and technical progress. *Primen. Sci.* no. 6:10-12 '68.
- Use of ultrasonic vibrations for the mechanization of directly cleaning process. U. F. Zitas and others. *Trudy VNIIM* no. 10:31-41 '67.
- Using the "BESM-2M" electronic digital computer in the approximate determination of the natural frequencies of treated vibrations of an airplane wing. K. A. Kuznetsov, L. B. Poljakov. *Dokl. AN UzbSSR*, Ser. A 30 no. 7:366-370 Ji '68.
- Vertical vibrations of a drilling line, stopped drilling shaft, and derrick in pump-jack operations. S. G. Khat'yan. *Izv. vuz. tekhn.* no. 11:70-77 N '68.
- Vibrations of roller bit drills. B. A. Emel'yanov and others. *Trudy Sov. gor. inst.* no. 40:39-42 '67.
- Vibrations of a mechanical system under the action of periodic pulses with a nonuniform factor into account. K. O. Ilyukovich. *Trudy SMT* no. 232:100-115 '68.
- Vibrations of an infinite plate on an elastic half-space under the influence of sliding load. H. I. Bakhayev. *Sov. mech.*, no. 10 no. 3:30-33 '67.
- Vibrations of the rotor - body system. S. I. Shchukin. *Vest. mashinost.* no. 4:22-24 F '68.
- Vibrations of the working stand of a 1500-type (NKMZ) drilling unit with driving engine for vertical rods mounted on its top crosshead. M. M. Haskin, A. N. Chotimshov, E. V. Zaitseva. *Nauch. trudy IIM* no. 52:218-227 '67.

534.2 Velocity of sound

- Calculating the velocity of sound in liquid mixtures. M. I. Sakhakulov. *Dokl. AN Tadzh. SSR* 11 no. 2:22-25 '68.
- Measuring the velocity of sound propagation in n-nonane along the saturation line. H. A. Nuriev, V. V. Zaitov, M. I. Chuprikov. *Izv. vuz. tekhn.* no. 13 no. 4:692-694 Ap '68.
- Resonance measurement of the rate of elastic wave propagation in unconsolidated soils. A. S. Levin, V. I. Mironov. *Trudy Solov'evsk. inzh. inst.* no. 10:115-122 '68.
- Speed of ultrasonic waves and compressibility in molten salts of the system CaO - SiO₂. V. V. Bakhayev, L. I. Kuznetsov. *Sov. trudy TSNKhim* no. 56:42-46 '67.

534.6 Acoustical measurements

- Methods of studying speed (v_{pm}) at high pressures with the use of acoustic delay lines. D. V. Kozlov. *Gefiz. sbor.* no. 24:32-38 '68.

535 Optics. Light

- Absorption spectra of excited LiNbO₃ single crystals. E. O. Valtashko, L. N. Ilnikov, V. A. Timoshenko. *Opt. i spekt.* 24 no. 4:637-639 Ap '68.
- Absorption spectra of impurity centers with near levels "mixed" by vibrations. N. N. Kristol. *Opt. i spekt.* 24 no. 4:565-572 Ap '68.
- Absorption spectra of some monohalobenzenes in the region of stretching vibrations of C - C bonds. M. P. Ilyashin, N. E. Rukh. *Opt. i spekt.* 24 no. 4:544-548 Ap '68.
- Afterglow lifetimes of aqueous solutions of europium and terbium salts. D. N. Torpilovskii. *Opt. i spekt.* 24 no. 4:508-509 Ap '68.
- Allowing for the symmetry in the computation of intensities in the vibrational molecular spectra. Infrared spectra. D. S. Avorukh, L. S. Malina. *Opt. i spekt.* 24 no. 4:513-519 Ap '68.
- Amplification and generation in nonaxial directions. E. K. Naumov, A. P. Prishvatko. *Dokl. AN BSSR* 12 no. 7:609-613 Ji '68.
- Anions of dimethylalkyl compounds. Part 6: Raman effect spectra. V. V. Mol'nikov and others. *Zhur. org. khim.* 4 no. 3:349-351 Mr '68.
- Calculating the intensity distribution in electron oscillatory bands of the Ag_2Cl_2 transition of benzene. A. A. Terekhov, M. V. Prilutov. *Opt. i spekt.* 24 no. 4:541-542 Ap '68.
- Compensation effect for reactions of lanthanide ions and temperature quenching of their luminescence in solution. V. P. Kuzakov. *Teor. i eksp. khim.* 4 no. 3:424-428 My-Je '68.

- Decarboxylation of polyfluoro-substituted benzoic acids as observed from infrared absorption spectra. A. K. Petrov, B. V. Makarov, G. G. Iakobson. *Dokl. AN SSSR* 170 no. 2:359-357 '68.
- Dependence of transverse relaxation times on the structure of crystalline aluminum silicates and hydrocarbon structure determined by the spin echo method. I. M. Kolesnikov, G. M. Panfiliyev, N. N. Ronsenko. *Zhur. fiz. khim.* 42 no. 4:591-595 Ap '68.
- Determining the gas temperature of a discharge by the lines with superfine structure. A. G. Shilinskii, T. N. Khlopina. *Opt. i spekt.* 24 no. 4:552-554 Ap '68.
- Determining the density of surface recombination by the photomagnetic effect. Part 2. A. V. Sacherko. *Ukr. fiz. zhur.* 13 no. 4:617-621 Ap '68.
- Dipole moments and infrared spectra of 4 and 4' mono-substituted chalcones. S. V. Tsukerman, I. N. Sarov, V. F. Lavrushin. *Zhur. ob. khim.* 33 no. 3:521-529 Mr '68.
- Dispersion of camphoric acid monamide rotation. V. M. Polypov and others. *Dokl. AN SSSR* 178 no. 5:1039-1041 '68.
- Distinction of self-luminous objects with a high-directional brightness diagram in a scattering medium. A. A. Khat'yan, A. P. Ivanov. *Dokl. AN BSSR* 12 no. 6:503-505 Je '68.
- Duration of the single pulse in a spherical laser resonator with a passive shutter. E. G. Berzang and others. *Opt. i spekt.* 24 no. 4:621-622 Ap '68.
- Effect of a plasma inhomogeneity on the shape and contour parameters of spectral lines. G. G. Il'in, V. I. Proskochin, T. S. Fishman. *Opt. i spekt.* 24 no. 4:621-627 Ap '68.
- Effect of century-long aging on the structure of silica glasses. M. A. Berzhanov, E. V. Smirnova. *Dokl. AN BSSR* 12 no. 5:439-442 My '68.
- Effect of purification on the migration of triplet exciton and the effectiveness of sensitization of reversible photochemical reactions in polymers. G. I. Lazarev, V. I. Linnikov. *Teor. i eksp. khim.* 4 no. 3:418-421 My-Je '68.
- Effect of thermal treatment on the quality of halocyanide polymers. E. M. Gurevich. *Sovetskaya fizika* 11 no. 6:7-10 Je '68.
- Efficiency of a pulse dispersive detector. M. A. Syzlovskiy and others. *Ukr. fiz. zhur.* 13 no. 4:547-552 Ap '68.
- Emission of a xenon plasma of high-pressure lamps in the far infrared region of the spectrum. O. K. Filippov, E. V. Ukhov. *Opt. i spekt.* 24 no. 4:648-650 Ap '68.
- Errors of examining and measuring projectors. I. I. Skryl. *Izv. tekhn.* no. 2:20-25 F '68.
- Fluorometer with a short-wave ultraviolet illuminator. D. P. Shcherbo, S. A. Volnov. *Prom. khim. reak. i neobch. khim. veshch.* no. 8:248-252 '67.
- Hydrogen bond in cumene hydroperoxide solutions. I. I. Shabatina, M. A. Klimchuk, E. A. Kiva. *Opt. i spekt.* 24 no. 4:580-584 Ap '68.
- Hydroxyl cover of γ -Al₂O₃ and its interaction with water. L. A. Ignatyeva, G. D. Chukin, G. V. Bondarova. *Dokl. AN SSSR* 181 no. 2:393-396 Ji '68.
- Infrared absorption spectra of cyclotriphosphazene derivatives. G. G. Kotova and others. *Neftekhimika* 6 no. 2:289-296 Mr-Apr '68.
- Infrared spectra and structure of some compounds of a complex configuration in the series of phenylcyclopropanes. Kook Dang Cheu and others. *Dokl. AN SSSR* 179 no. 4:872-874 '68.
- Infrared spectra of quinoxaline in the 1600 to 1700 cm⁻¹ range. B. S. Kikot' and others. *Zhur. ob. khim.* 38 no. 10:912-915 Ap '68.
- Interaction of the photopic and scotopic afferent systems following intensive photic stimulation. P. A. Korzin, V. I. Shostak. *Zhur. vys. nerv. dejat.* 18 no. 4:708-711 Ji-Ag '68.
- Investigation of vacuum diffraction spectrograph ASP-12. L. A. Mitrofanova, L. R. Zolotareva, V. D. Galkin. *Izv. OAO* 24 no. 6:258-264 '67.
- Ionic mechanism of the thermal quenching of silver chloride luminescence. Part 1: The thermal quenching of radiation and the determination of the relation of the capture cross section to the electron recombination cross section on the basis of experiments with the thermal quenching of luminescence. D. M. Bolotov. *Opt. i spekt.* 24 no. 4:580-585 Ap '68.
- Light field of a deep turbid medium illuminated by a narrow pencil of light. L. M. Romanova. *Izv. AN SSSR. Fiz. atm. i okeana* 4 no. 3:311-320 Mr '68.
- Light in the eye. O. V. Kopelevich. *Zem. i vol.* no. 2:37-42 Mr-Apr '68.
- Linear emission spectra of 1, 12-benzoperylene and its detection in some natural products. A. A. Rina, R. I. Porosinov. *Gefiz. sbor.* no. 11:963-971 '67.
- Local states and the delay effects. V. I. Sukakov. *Opt. i spekt.* 24 no. 4:477-486 Ap '68.
- Luminescence of cadmium selenide glasses. G. O. Karapetians, A. I. Reishchuk, D. M. Iudin. *Prom. khim. reak. i neobch. khim. veshch.* no. 8:202-207 '67.
- Luminescence of mixed single crystals ZnSe - CuS. S. M. Brodskiy, M. I. Vytzykova, O. V. Kravtsov. *Izv. fiz. zhur.* 13 no. 4:639-642 Ap '68.
- Luminescence properties of barium iodide crystals. V. I. Valdanich and others. *Ukr. fiz. zhur.* 13 no. 4:538-542 Ap '68.

- Main parameters of vibrational Raman spectra of cyclic polydimethylsiloxanes. I. F. Kovalev, L. A. Orlov, M. G. Voronkov. *Dokl. AN SSSR* 181 no. 3:577-580 Ji '68.

- Method for testing mica parts using projectors. I. A. L. Cherniak, N. S. Shvachkin. *Izv. tekhn.* no. 2:76-77 F '68.
- Microwave spectrum and structure of an ethylmercaptan molecule. Ch. O. Kadzhar, A. A. Abbarov, L. M. Imanov. *Opt. i spekt.* 24 no. 4:622-631 Ap '68.

- Nature of long-wave electron transitions, Stokes shift and photophysics of salicylaniline. I. U. I. Kodolov, R. N. Nurmukhanov, D. N. Shigort. *Prom. khim. reak. i neobch. khim. veshch.* no. 8:126-135 '67.
- Nature of the linear spectra of the luminescence of pyrom. A. R. I. Ilyukov, G. G. Ilnikov. *Izv. AN SSSR. Fiz. atm. i okeana* 4 no. 3:311-320 Mr '68.
- Nonlinear transmission of light from a ruby laser by chlorophyll solutions. O. L. Lebedev, I. M. Glaznov, A. A. Chastov. *Opt. i spekt.* 24 no. 4:622-623 Ap '68.
- On the ψ - ψ absorption spectra of Tu^{2+} , Ho^{2+} , Nd^{2+} ions in CaF₂. V. A. Arzhant'skaya, V. M. Shcherbo. *Opt. i spekt.* 24 no. 4:635-637 Ap '68.
- On the tetragonal luminescence center of the Ku^{2+} ion in CaF₂. G. B. Bokil and others. *Dokl. AN SSSR* 178 no. 5:1039-1042 '68.
- On the theory of polarization capacity of molecules. N. S. Andreev. *Opt. i spekt.* 24 no. 4:498-503 Ap '68.
- Phosphorescence and thermoluminescence of synthetic diamonds containing boron. A. V. Nikitin, G. N. Bezrukov, V. S. Varagin. *Dokl. AN SSSR* 180 no. 3:597-598 '68.
- Photodissociation of excimers. The continuum model. P. I. Khadzhil. *Opt. i spekt.* 24 no. 4:646-648 Ap '68.
- Photoelectric unit for recording characteristics of weak fluorescence. G. M. Barenbolin and others. *Prom. khim. reak. i neobch. khim. veshch.* no. 8:263-273 '67.
- Physical conditions near the mesoporus. V. N. Konashonok, G. M. Syved. *Izv. AN SSSR. Fiz. atm. i okeana* 4 no. 3:400-409 My '68.
- Precession in photometry. Main sources of errors. U. I. Hanapolskiy. *Vest. AN BSSR. Ser. fiz. i mat. nauki* 1:98-104 '68.
- Principles and methods of hydrooptical studies. A. P. Ivanov. *Izv. AN SSSR. Fiz. atm. i okeana* 4 no. 3:311-345 Mr '68.
- Production of inverse population in double-ionized oxygen by optical pumping of ionized helium with resonance radiation. N. A. Razvadze and others. *Opt. i spekt.* 24 no. 4:618-619 Ap '68.
- Quantitative determination of polycyclic hydrocarbons in complex mixtures based on quasilinear luminescence spectra. A. A. Khochina. *Prom. khim. reak. i neobch. khim. veshch.* no. 8:237-242 '67.
- Quasi-optical lines with bounded nonquasistationary current densities. O. I. Shushpanov. *Dokl. AN SSSR* 181 no. 2:324-326 Ji '68.
- Reflection spectra of solid solutions of indium aramide with compounds of the Al^{III} - B^{III} type. O. V. Vaitsekhovskiy, V. P. Druzhitskiy. *Ukr. fiz. zhur.* 13 no. 4:640-648 Ap '68.
- Relation of the spectra of spontaneous and induced Raman scattering of light. V. A. Zubov, N. P. Kuz'mina, M. M. Sushchinskii. *Opt. i spekt.* 24 no. 4:634-635 Ap '68.
- Residual intensities of the Fraunhofer lines H and K in the center of the solar disk. V. A. Krut's. *Izv. GAO* 24 no. 6:3-5 '67.
- Resonance interaction between short light pulses and the substance. K. N. Drabovich. *Usp. fiz. nauk* 93 no. 3:547-551 Ji '68.
- Some characteristics of the glow of the polar faculae. M. N. Stolarova. *Izv. GAO* 24 no. 6:81-88 '67.
- Spectrophotometric determination of rhodium by thiolglycolic acid. E. L. Abramova, L. L. Talipova, N. A. Parplev. *Izv. khim. zhur.* 12 no. 2:19-22 '68.
- Spectrophotometry of the linear absorption of some stars of the β Cep type. Part 2: Quantitative analysis of atmospheres. V. S. Popov. *Izv. GAO* 24 no. 6:157-162 '67.
- Spectrum analysis of a bright prominence. V. N. Zolotarev. *Izv. GAO* 24 no. 6:104-116 '67.
- Spectrum determination of the state of ion pairs in solutions of organoboronic compounds. E. S. Petrov, A. I. Stetsenko. *Teor. i eksp. khim.* 4 no. 3:416-418 My-Je '68.
- Stabilization of reactions of single neurons of the visual cortex in nonanesthetized rabbits following multiple photic stimulation. E. N. Sokolov, V. B. Pollanskii, A. Bagdasaryan. *Zhur. vys. nerv. dejat.* 18 no. 4:701-707 Ji-Ag '68.
- Structure and ultraviolet spectra of aliphatic aromatic phosphines. B. I. Stepanov, A. I. Bokanov, H. A. Korolev. *Teor. i eksp. khim.* 4 no. 3:351-360 My-Je '68.
- Study on optical activity in the region of oscillatory transitions. V. I. Burkov and others. *Dokl. AN SSSR* 170 no. 4:806-808 '68.
- Studying the fluorescence spectra of mixed organic single crystals at 20° K. V. K. Dobrokhova, I. U. V. Nabokin. *Opt. i spekt.* 24 no. 4:608-612 Ap '68.
- Studying the 100 cm⁻¹ absorption band of α -azoxyphenol in the solid, liquid-crystalline, and liquid states. A. L. Yova and others. *Opt. i spekt.* 24 no. 4:613-614 Ap '68.
- Studying the relaxation processes in the system CaF₂-Cd²⁺. F. Z. Gil'fanov, A. L. Stolin, Zh. S. Iakovleva. *Opt. i spekt.* 24 no. 4:576-585 Ap '68.
- [Tables on the scattering of light] Tablitsy po svetorasseyaniyu. Pod obshch. red. K. S. Shifrina. Leningrad, Gidrometeoizdat. 1968. 471 p.
- Temporal dependence of the absorption and dispersion of some organic liquids in the region of strong infrared absorption bands. I. U. F. Zablakin, N. G. Bakshiev. *Opt. i spekt.* 24 no. 4:652-659 Ap '68.
- Theoretical and experimental study of the absolute intensities and depolarizations of lines in the Raman scattering spectra of polyatomic molecules. Part 6: Acetone and acetone-d₆. V. I. Vakhilueva, S. M. Kats, L. M. Sverdlov. *Opt. i spekt.* 24 no. 4:547-551 Ap '68.

- EPR spectra of the oxidation products of arions of some 4,4'-substituted diphenylmethane. D. I. Shapiro and others. Dokl. AN SSSR 181 no. 1:552-553. 31 '68.
- Effect of the direction of magnetic field action on the formation of coagulation structure in aqueous suspensions of clay minerals. V. I. Orskhenko and others. Koll. zhur. 20 no. 6:635-640 N-D '67.
- Electron paramagnetic resonance and magnetic susceptibility of cupric salicylate adducts. E. V. Sushov and others. Dokl. AN SSSR 179 no. 6:1352-1354 Ap '69.
- Extraction by neutral organophosphorus compounds studied by means of nuclear magnetic resonance of phosphorus. A. M. Rozen and others. Dokl. AN SSSR 181 no. 3:544-547 Ji '68.
- Generalized equations for the hysteresis loop of a cyclically deformable material within the limits of elasticity. N. S. Pyatenko. Izv. AN SSSR Ser. A 30 no. 5:454-460 My '68.
- Initial intensities in uniform and nonuniform electrical fields. D. V. Ryzhenko. Elektricheskoye, 6:65-65. 31 '68.
- Magnetic field of a current. Radio no. 5:51-53 My '68.
- Magnetic films in computer technique. Magnitnye plerki v vychislitel'noi tekhnike. Kiev, "Naukova dumka," 1967. 172 p.
- Magnetization of a system of mixed polycrystalline ferromagnets. C. P. Fyfe, W. S. F. Kinsley, L. O. Mollu, A. S. Hillier. Ukr. fiz. zhur. 13 no. 1:543-546 Ap '68.
- Measurement of the characteristics of ferrite cores in induction parametrons. T. V. Onischenko. Izv. vuz. 2:49-50 F '69.
- Measuring the magnetic microscopes according to their representation in an electron microscope. G. V. Spivak and others. Izv. AN SSSR Ser. fiz. 33 no. 7:1164-1168 Ji '68.
- Paramagnetic resonance on conduction electrons in liquid sodium. N. S. Garif'yanov and others. Dokl. AN SSSR 180 no. 3:569-571 '68.
- Pavlov, V. P., and A. D. Sukhanov. [The dynamical apparatus of axonometric approach in quantum electrodynamics] Dinamicheskiy apparat aksiometricheskogo metoda dlya kvantovoy elektrodinamiki. Kiev, 1967. 21 p.
- Quantitative characteristics of "electrical effects" in paramagnetic resonance. O. H. Rolsyn. Ukr. fiz. zhur. 13 no. 4:610-616 Ap '68.
- Quantum theory of thermomagnetic phenomena in metals and semiconductors. P. S. Zyrinov, G. I. Guseva. Usp. fiz. nauk. 95 no. 4:565-612 Ag '68.
- Solution of an inverse problem on the contrast of microscopes in an electron microscope. N. N. Sedov. Izv. AN SSSR Ser. fiz. 33 no. 7:1175-1184 Ji '68.
- Studying electron paramagnetic resonance in glass containing two transition elements. I. D. Rogomolov, V. N. Lazukin, N. V. Petrovskiy. Dokl. AN SSSR 181 no. 2:313-318 Ji '68.
- Studying the magnetization of the Co-Pt alloy in strong pulsed fields. V. I. Matenovich and others. Ukr. zap. fiz. 10:100-100 '66.
- Theory of electromagnetically wave propagation in reinforced media. G. A. Van Po Fl. Dop. AN URSSR Ser. A 30 no. 3:255-258 Mr '68.
- Uniqueness of the solution of a reverse problem in the method of artificial magnetization. V. A. Filatov. Geof. i geofiz. no. 1:111-117 Ja '68.
- Use of EPR in chemical kinetics. M. S. Letchev. Ukr. khim. 37 no. 5:933-937 My '69.
- Verification of the theory of the formation of the image contrast of magnetic microscopes in an electron reflecting microscope. G. V. Spivak and others. Izv. AN SSSR Ser. fiz. 32 no. 7:1218-1218 Ji '68.
- 538.11 General laws of magnetic action. Coercive force EPR method of studying wood, peat, and coal of different age in White Russian deposits. A. I. Skrigan, L. P. Dmitrieva, V. S. Voronov. Dokl. AN SSSR 182 no. 7:828-831 Ji '68.
- Electron paramagnetic resonance and the structure of bivalent copper benzoylates. L. V. Ilyukov, V. V. Zelenkov, I. N. Romanenko. Teor. i ekspr. khim. 4 no. 3:407-413 My '68.
- Electron paramagnetic resonance of a ground state quartet in liquid crystal solutions. G. R. Lakhkarst, E. G. Rozantsev. Izv. AN SSSR Ser. khim. no. 8:1708-1712 Ag '68.
- Electron paramagnetic resonance method of studying some Re (VI) complexes. N. S. Garif'yanov. Izv. AN SSSR Ser. khim. no. 8:1902-1903 Ag '68.
- Electron paramagnetic resonance of thiocyanate-thiourea complexes of triiodide(VI). E. N. Moroz and others. Dokl. AN SSSR 181 no. 1:111-114 Ji '68.
- Electron paramagnetic resonance spectra of anion-radicals of some gem-dialkylcyclohexadienes. A. I. Prokof'ev and others. Izv. AN SSSR Ser. khim. no. 8:1712-1716 Ag '68.
- Electron paramagnetic resonance spectra of anion radicals of trihalogenoacetylphenone, perfluorodimethylketone and perfluoroacetone. V. V. Bikhitarov, N. N. Rubnov. Teor. i ekspr. khim. 4 no. 3:413-416 My '68.
- Electron paramagnetic resonance study of some compounds of bivalent copper (III) and silver (II). R. S. Abdurakhimov, N. S. Garif'yanov, E. I. Semanova. Teor. i ekspr. khim. 4 no. 3:393-400 My '68.
- Electronic charges of bonds and spectroscopic characteristics of organic compounds. Report No. 2. Chemical shifts in PMR spectra of metallo- and halo derivatives of alkanes and compounds with z-bonds. G. V. Bykov. Izv. AN SSSR Ser. khim. no. 8:1773-1779 Ag '68.
- Chemical systems. Report No. 10. Study of the SnCl_4 -system using NMR methods (Moesbauer effect, PMR, infrared and mass spectrometry). V. V. Kirapov and others. Izv. AN SSSR Ser. khim. no. 8:1281-1287 '68.
- Molecular structure of silicoketones. I. L. Shchukovskan and others. Dokl. AN SSSR 179 no. 4:892-895 '69.
- Nuclear quadrupole resonance and coordination interaction in the crystals of organometallic derivatives of 2,6-dichlorophenol. D. M. Kravlov and others. Izv. AN SSSR Ser. khim. no. 8:1703-1708 Ag '68.
- Spectra of nuclear quadrupole resonance of 1,3,5 of some aramates. A. V. Zaslavskiy, L. S. Golovchenko, G. K. Semina. Izv. AN SSSR Ser. khim. no. 8:1399-1401 Ji '68.
- Spectra of nuclear quadrupole resonance of C135 of some chlorine-containing organotin compounds. G. K. Semina and others. Izv. AN SSSR Ser. khim. no. 8:1401-1404 Ji '68.
- Structure of anion-radical of silicodimethylmethane. I. A. K. Serebrennikov and others. Dokl. AN SSSR 181 no. 3:621-623 Ji '68.
- Study of cis-trans-isomerism of the complexes of lead trichloride with n-benzene by the nuclear quadrupole resonance method. K. A. Kravchenko and others. Izv. AN SSSR Ser. khim. no. 8:1271-1277 Ji '68.
- Study of ferricyanides by means of gamma-resonance spectroscopy. B. V. Borshagovskiy and others. Izv. AN SSSR Ser. khim. no. 8:1718-1721 Ag '68.
- Study of functionally substituted organic derivatives of phosphorus acids by the method of PMR of high resolution. L. I. Petrovskaya and others. Izv. AN SSSR Ser. khim. no. 8:1277-1285 Ji '68.
- Study of free radicals by the Moessbauer gamma-resonance spectroscopy. B. V. Borshagovskiy and others. Izv. AN SSSR Ser. khim. no. 8:1287-1291 Ji '68.
- Study of the thiophene series. Report No. 12. Synthesis of trieno[3,4-b]-thiophenes, 2-carboxylic acid and the NMR spectra of tautomeric thienothienones. V. P. Litvinov, G. Frekht. Izv. AN SSSR Ser. khim. no. 8:1828-1835 Ag '68.
- 538.12 Magnetic fields
- Calculating the effect of a magnetic field on the absorption of laser light by free electrons in semiconductors. E. B. Khatimov, R. Kamathulov. Izv. AN SSSR Ser. fiz. i mat. nauk 12 no. 2:56-58 '68.
- Electron motion in electromagnetic fields of a special type. V. G. Bagrov, V. A. Borodulyan. Zhur. vych. i mat. fiz. 9 no. 3:661-675 My '66.
- On the theory of the nonlinear skin effect. S. N. Breus, V. N. Kordunov. Dokl. AN SSSR 181 no. 2:317-319 Ji '68.
- Spontaneous excitation of magnetic fields in a turbulent plasma. V. N. Tsyvovich. Dokl. AN SSSR 181 no. 1:60-63 Ji '68.
- 538.7 Terrestrial magnetism
- Development of the short term radio location service. L. N. Iakobova. Zem. i vod. 1:247-253 Mr-Ap '68.
- Selecting points for the borehole checking of magnetic anomalies in mountain regions. V. V. Alekseev, B. E. Khazin. Razved. i kh. no. 34 no. 4:49-52 Ap '68.
- Simulation of the earth's magnetic field. G. G. Managadze, I. M. Podgorniy. Dokl. AN SSSR 180 no. 6:1333-1336 Ji '68.
- 539 Physical nature of matter
- Photodegradation of excitons. The continuum model. P. I. Khadzhiz. Opt. i spekt. 24 no. 4:648-648 Ap '68.
- 539.1 Nuclear, atomic and molecular physics
- Applicability of nuclear gamma-resonance scattering in studying intramolecular processes. D. K. Kalpov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 2:84-88 Mr-Ap '68.
- Densities of orbital electrons of C, Si, and Ga atoms in the region of the position of the nucleus. Interpretation of the isomeric shift in Sn^{119} . L. M. Dautov, D. K. Kalpov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 2:7-13 Mr-Ap '68.
- Oppenheimer, J. Robert. [The flying trapezoid. Three crises in physics. Translated from the English] Letushchaya trapezida. Tri krizisa v fizike. Pod red. I. S. Polesel, V. A. Leshkovtseva. Moskva, Atomizdat, 1967. 70 p.
- Permissibility conditions for the distribution of unstable particle masses. L. A. Khalilov. Dokl. AN SSSR 181 no. 3:581-585 Ji '68.
- The problem of obtaining and antineutrino of nuclear electric moments. A. G. Makhankov, V. S. Korol'kov, N. N. Long, Vostan AN SSSR Ser. fiz. i mat. nauk. no. 1:52-52 '68.
- Production of thin scintillators from anthracene. V. I. Albal. Izv. vuz. 2:265 p '68.
- Qualitative characteristics of "electrical effects" in paramagnetic resonance. O. H. Rolsyn. Ukr. fiz. zhur. 13 no. 4:610-616 Ap '68.
- Shell-like shell model of an atom of the palladium group elements. V. F. Tarasov, S. M. Chanyshiev. Izv. AN Kazakh SSR Ser. fiz. i mat. no. 6:59-60 N-D '67.
- Study of nuclear gamma resonance spectra of some iron salts as dependent on temperature. A. K. Zinbafat, D. K. Kalpov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 2:24-35 Mr-Ap '68.
- 539.104 Effects of radiation: physical, chemical, biological
- Calculation of radiation doses absorbed by the lungs during inhalation of air enriched with radon and its daughter products. M. M. Tadzhikov. Trudy Tadzh. med. inst. 73:85-89 '65.
- Changes in the kidneys and endocrine glands in rats affected with Pu^{240} and treated with hormones. V. S. Serebrennikov, I. I. Polubolova. Med. rad. 13 no. 1:40-40 Ji '68.
- Effect of γ -irradiation of KCl-2 sulfatoxyacetate on changes in phenol sorption. O. R. Shchukovskiy, I. I. Stankovich. Koll. zhur. 29 no. 4:546-551 N-D '67.
- Falrogen excretion in female recombination and in technetium. K. D. Gelashvili. Med. rad. 13 no. 1:3-8 Ji '68.
- Evaluation of the probability of the malignant nature of primary gland tumors based on radiologically and I. P. Melenchuk and others. Med. rad. 13 no. 2:24-31 Ji '68.
- Experience in x-ray therapy of inflammatory diseases. M. B. Filinskiy. Med. rad. 13 no. 7:30-33 Ji '68.
- Influence of dimensions of the chest on the rate of focal dose in radiation gamma and x-ray therapy. T. P. Kuvshinov, A. V. Frolova, M. A. Radtseva. Med. rad. 13 no. 7:21-24 Ji '68.
- Influence of fast neutron bombardment on the photo-mechanical effect in silicon. A. I. Makarevich, G. Berezhina, L. S. Shikho. Dokl. AN SSSR 182 no. 3:418 My '68.
- Microhardness of silicon single crystals irradiated with fast neutrons. A. I. Makarevich and others. Dokl. BSSR 12 no. 6:495-497 Ji '68.
- Possible mechanism underlying the formation of radiation defects in silicon produced by electron bombardment. S. M. Gorodetskiy, I. B. Kic'ev. AN SSSR 181 no. 1:46-48 Ji '68.
- Neonological changes in the skeleton of labours. P. P. Komaryayev in prolonged γ -irradiation. V. G. Sinayonov, E. K. Dzhanizov. Med. rad. 13 no. 2:30-40 Ji '68.
- Simple and effective. V. N. Voinov. Voen. zhur. 11 no. 21-25 Ji '68.
- Transplantation of iron and preserved biological marrow to dogs irradiated with a dose exceeding 1000 r. M. N. Novikova, A. G. Fedotenko, I. I. Kuvshinov. Probl. general. i part. khim. 13 no. 2:15-16 Ji '68.
- Use of thyratonic preparations for reducing the radiation resistance to toxic gitter in treatment with I^{131} . I. V. Gornil, N. G. Smilina. Med. rad. 13 no. 7:2-11 Ji '68.
- 539.107 Apparatus, instruments for nuclear, atomic, and research
- Calculation of accuracy of electronic circuits. V. L. Antimov. Izv. vuz. ucheb. zav. i prib. 11 no. 4:3-10 Ji '68.
- Location of long traps in amorphously photoconductive films of amorphous selenium. M. I. Korotkiy, V. I. Voleik, K. S. Gargov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 2:81-83 Ji '68.
- Use of optical spectroscopy methods in measuring cyclotron parameters. O. A. Trofimov, A. V. Ilyukov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 3:31-35 Mr-Ap '68.
- A variant of technological design of a total absorption spectrometer in experiments with cosmic rays. Koshumirskov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 3:50-55 N-D '67.
- 539.11 Atomic structure of solids
- Studying the ordering of interstitial atoms in solid solutions of hydrogen in metals of the 11th group. V. A. Solov'ev and others. Dokl. AN SSSR 181 no. 6:50-50 Ji '68.
- 539.12 Elementary and simple particles
- Algebra of meson currents in a model of free effect quarks. V. P. Sheleev. Dokl. AN SSSR 181 no. 2:57-57 Ji '68.
- Applicability for remote feed of specimens for electron testing. I. M. Makharov, M. N. Nikolov. Izv. AN Kazakh SSR Ser. fiz. i mat. no. 6:17-20 N-D '68.
- Asymptotic neutron distribution in a moving medium. A. A. Kozlovskiy, E. I. Nelmin. Izv. AN Kazakh SSR Ser. fiz. i mat. no. 6:3-6 N-D '67.
- Bombardment of silicon single crystals by medium positive cosium ions. Sh. A. Ilyukov, V. M. Mikh. V. I. Chirva. Izv. AN Uz. SSR Ser. fiz. i mat. no. 2:93-94 '68.
- Consistency of the CPT invariance and the experiment. I. I. Lapidus. Usp. fiz. nauk 95 no. 4:667-688 Ag '68.
- Conservation of isospin and baryons, and the neutrino mass. D. Pontecorvo. Usp. fiz. nauk 95 no. 3:5-510 Ji '68.
- Effect of a strong constant electric field in the field of trapping levels in CdS single crystals. Kh. M. Azimovskiy, M. K. Shokimov. Izv. AN Uz. SSR Ser. fiz. i mat. no. 2:39-46 '68.
- Effect of electron bombardment and of an electric field on the formation of polymeric films. E. M. Dubinina and others. Izv. AN SSSR Ser. fiz. 32:1278-1281 Ji '68.
- Electron motion in electromagnetic fields of a special type. V. G. Bagrov, V. A. Borodulyan. Zhur. vych. i mat. fiz. 8 no. 3:601-695 My '68.
- Experimental data concerning the verification of the AS. A. Q. law. M. V. Terent'ev. Usp. fiz. nauk 95:515-518 Ji '68.
- Experimental data on K β decays. V. V. Anisimov. Usp. fiz. nauk 95 no. 3:508-510 Ji '68.
- Experimental data on the μ -decay. I. I. Gurevich, B. A. Nikol'skiy. Usp. fiz. nauk 95 no. 3:476-479 '68.
- Interpretation of the isomeric shift in Fe^{57} . I. M. Dautov, D. K. Kalpov. Izv. AN Kazakh SSR Ser. fiz. i mat. 6 no. 2:2 Mr-Ap '68.

539.12 (Continued)

- Mass difference of K_1 and K_2 mesons. E. O. Okonov. Usp. fiz. nauk 95 no. 3:505-508 JI '68.
- Matrix of equations for particles with spin 2. A. A. Bogachev, B. V. Krylov, P. I. Fedorov. Vestn. AN BSSR. Ser. fiz.-mat. nauk. no. 1:74-81 '68.
- Method for measuring the work function of electrons in a slag melt. V. V. Pokrovskii, V. A. Kalmykov, P. A. Ageev. Zsv. lab. 34 no. 5:560-561 '68.
- Model of CP-invariance violation. B. A. Arbutov. Usp. fiz. nauk 95 no. 3:460-469 JI '68.
- Multiple neutron yield in muon capture in copper. I. I. Bobodolov and others. Dokl. AN Tadzh. SSR 11 no. 2: 18-24 '68.
- Multiparticle analysis of 17 GeV. pion-nucleon interactions. Z. V. Azarov and others. Izv. AN Kazakh. SSR. Ser. fiz.-mat. no. 6:13-16 N-D '67.
- Nucleon mass difference as a radiation correction. I. A. I. Gerasimov. Izv. AN Kazakh. SSR. Ser. fiz.-mat. no. 6:20-22 N-D '68.
- Nonconservation of CP-parity in K^0 -decay. V. V. Antsevich. Usp. fiz. nauk 95 no. 3:453-459 JI '68.
- On the instability of oscillations in a radial electron stream of variable velocity and the instability of their amplification. L. I. Korotun. Izv. vuz. ucheb. zav. i radiofiz. 11 no. 6:932-940 '68.
- One-particle exchange model of inelastic pion-nucleon interaction. V. I. Rys'kin, I. G. Goliak, O. S. Kozmactov. Izv. AN Kazakh. SSR. Ser. fiz.-mat. no. 6:23-24 N-D '68.
- Paramagnetic resonance on conduction electrons in liquid sodium. N. S. Garif'yanov and others. Dokl. AN SSSR 180 no. 3:509-511 '68.
- Penetration of electrons into the object and distribution of X rays in electron scanning excitations. S. A. Diamin, T. A. Koptilova, T. V. Kulacheva. Izv. AN SSSR. Ser. fiz. 32 no. 7:1130-1133 JI '68.
- Phenomenology of CP violation. I. Wolfenstein. Usp. fiz. nauk 95 no. 3:428-437 JI '68.
- Polarization tests for the verification of T-invariance and CPT-invariance in nucleon-nucleon and nucleon-antinucleon scattering. S. M. Bilen'chik, L. I. Lapidus, R. M. Ryabin. Usp. fiz. nauk 95 no. 3:450-501 JI '68.
- Probabilities of weak processes with neutral lepton currents. K. P. Shabalin. Usp. fiz. nauk 95 no. 3: 511 JI '68.
- Quasi-particles in physics and the unity of discreteness and continuity. V. S. Golil, A. F. Poroturn. Vop. filoz. 22 no. 7:110-120 '68.
- Radical-chemical fixation of molecular nitrogen by organic compounds. A. T. Podkalfuzin, I. V. Voronichinski. Dokl. AN SSSR 179 no. 5:1123-1126 '68.
- Regeneration of nucleons in the π^0 meson decays. C. Baglin. Usp. fiz. nauk 95 no. 3:634 JI '68.
- Scattering of conductivity electrons on impurity ions taking into account the size effect. I. S. Stark, V. V. Krasnyn, M. I. Karpov. Izv. vuz. ucheb. zav.; Chern. mel. 31 no. 7:94-98 '68.
- Search for an electric dipole moment of the neutron. P. Miller. Usp. fiz. nauk 95 no. 3:470-470 JI '68.
- Search for C-noninvariance in the π^0 meson decays. C. Baglin. Usp. fiz. nauk 95 no. 3:600-607 JI '68.
- Stages of the line of absorption of electron paramagnetic resonance in weak electric fields. M. B. Il'yushin, I. V. Korobko. Ukr. fiz. zhur. 13 no. 4:643-617 Ap '68.
- Study of the yield of Xe and Kr isotopes forming in the fission of uranium by protons with 680 MeV energy levels. A. N. Dzhuravova and others. Geokhimiya 112 no. 8:612-612 '68.
- Theoretical foundation of the CPT-theorem. I. A. Fialberg. Usp. fiz. nauk 95 no. 3:470-480 JI '68.
- Theory of the Vavilov-Cherenkov radiation by a magnetic monopole. A. B. Kukanov. Opt. i spekt. 24 no. 4: 614-616 Ap '68.
- Three-particle decays of π^0 -mesons. B. Aubert. Usp. fiz. nauk 95 no. 3:437-453 JI '68.
- Use of an electron filter in the electron diffraction for the scattering of inelastically scattered electrons. A. G. Alekseev, T. A. Verkhovskaya. Izv. AN SSSR. Ser. fiz. 32 no. 7:1195-1199 JI '68.
- Variation of the surface energy of a plane (110) at its deviation from the ideal position in a single crystal of the Fe-Si(3%) alloy. I. U. S. Abramov and others. Metalloved. i term. obr. no. 4:28-30 Ap '68.
- Verification of the axial interaction in K^0 -decays.

Verification of the vector interaction in K^0 -decays.

- I. S. Tsukerman. Usp. fiz. nauk 95 no. 3:512-513 JI '68.
- Verification of the exponential decay law. N. N. Nikolaev. Usp. fiz. nauk 95 no. 3:508-507 JI '68.
- Violation of CP-invariance in K^0 -meson-decay. C. Rubbia. Usp. fiz. nauk 95 no. 3:418-428 JI '68.
- Violation of CP-invariance. L. B. Okun'. Usp. fiz. nauk 95 no. 3:402-410 JI '68.

539.14 Nuclear forces, models, etc.

- Bound state of two or three nucleons in the nuclear matter. O. I. Sytenko, V. P. Kharchenko, N. O. Shadchyn. Ukr. fiz. zhur. 13 no. 4:589-590 Ap '68.
- Dipole moments of phospholanes and their oxides. B. A. Arbutov and others. Izv. AN SSSR. Ser. khim. no. 8: 1729-1732 Ag '68.
- E2-transitions from gamma energy levels in the rotational-vibrational model of the nucleus. R. B. Begzhanov, V. M. Balan'kin. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 12 no. 2:64-69 '68.
- Experimental data concerning the nonconservation of P-parity in nuclear forces (P-odd effects in complex-nuclei). V. M. Lobashov. Usp. fiz. nauk 95 no. 3:619-620 JI '68.

Level density of compound nuclei excited by slow neutrons. Zh. I. Pysachuk, I. A. Holovach. Ukr. fiz. zhur. 13 no. 4:700-732 Ap '68.

Milmanov, V. V. [Fundamentals of the theory of the atomic nuclei]. Osnovy teorii atomnogo yadra. Izd. 2-e, pererabot. i dop. Moskva, "Nauka," 1967. 511 p. NIC.

Nuclear forces with nonconservation of parity. I. S. Shapiro. Usp. fiz. nauk 95 no. 3:437-655 Ag '68.

Reduced distances between the levels of some isotopes, isobars, and isotones in the region of deformed nuclei. V. P. Verbitskiy and others. Ukr. fiz. zhur. 13 no. 4: 610-611 Ap '68.

Use of the nuclear magnetic resonance method in studying the superconductors of the Hg_x type with van overlapping energy levels. V. I. Khokhlevich, I. I. Fialko, O. D. Serdink. Ukr. fiz. zhur. 13 no. 4:624-625 Ap '68.

Volnova, E. A., and B. S. Dzhelepov. [Isobaric nuclei with mass number A=182]. Izobarye yadra s massovym chislom A=182. Leningrad, "Nauka," 1968. 328 p. (Sovetskaya atomnaya liter. Vyp. 8).

539.16 Radioactivity and decay

Charge in myosin fraction proteins in the process of autolysis during storage of irradiated muscle tissues. V. I. Solov'ev, Z. A. Agapov, V. V. Pal'mina. Trudy VNIIMP no. 10:82-84 '67.

Corliss, William R., and Douglas G. Harvey. [Radioisotope power generation. Translated from the English]. Ispolniti energiya na radioaktivnykh izotopakh. Moskva, "Mir," 1967. 413 p.

Defining features of radiation defects in minerals. A. N. Komarov, N. V. Skovorodina. Dokl. AN SSSR 181 no. 3:591-591 JI '68.

Evaluation of induced radioactivity in stone meteorites. A. K. Lavrushina, K. K. Ustinova. Dokl. AN SSSR. 170 no. 6:1418-1451 Ap '68.

Oxidation changes in rock hard under the influence of radiation and the effect of antioxidants. V. I. Dzhakalin. Trudy VNIIMP no. 10:73-81 '67.

Preservation of isologous organ in glauconites. S. S. Sardanov. Geokhimiya no. 10:965-971 '68.

[Radioisotope study methods in geological engineering and hydrogeology]. Radioizotopnyye metody issledovaniy v inzhenernoi geologii i gidrogeologii. Podobshch. red. V. I. Ferronkogo. Moskva, Atomizdat, 1968. 304 p.

Semifission detector for Gamma-radiation monitoring in a wide energy range. S. P. Voroshina, G. P. Zapolichenko, I. A. Tsirova. Prom. khim. reak. i oboch. chisl. veshch. no. 8:274-276 '67.

Some factors affecting the nature of γ -thermoluminescence of carbonate rocks. V. I. Turina. Prom. khim. reak. i oboch. chisl. veshch. no. 8:208-217 '67.

Structure and radiation resistance of some luminophores used in scintillation materials. L. L. Nagornaya, O. A. Gunder, V. S. Koba. Prom. khim. reak. i oboch. chisl. veshch. no. 8:20-31 '67.

Synthesis and study of photoluminescent and scintillation characteristics of functional derivatives of 1,3,4-oxadiazole. L. L. Nagornaya and others. Prom. khim. reak. i oboch. chisl. veshch. no. 8:89-98 '67.

Use of organic luminophores in colored photomechanical reproduction. E. I. Khatugin. Prom. khim. reak. i oboch. chisl. veshch. no. 8:277-283 '67.

Verification of the V-A-variant in the nuclear β -decay. B. O. Eroshinskii. Usp. fiz. nauk 95 no. 3:521-525 JI '68.

Volnova, E. A., and B. S. Dzhelepov. [Isobaric nuclei with mass number A=182]. Izobarye yadra s massovym chislom A=182. Leningrad, "Nauka," 1968. 328 p. (Sovetskaya atomnaya liter. Vyp. 8).

Weak radiation decays. A. T. Filippov. Usp. fiz. nauk 95 no. 3:613-614 JI '68.

539.17 Nuclear reactions

Determination of the total scattering cross sections of thermal and epithermal neutrons by some rare-earth elements. V. P. Verbitskiy and others. Ukr. fiz. zhur. 13 no. 4:606-608 Ap '68.

Determining the power of a nuclear explosion. I. N. Krasnyn. Vestn. prosvetov. obr. no. 7:46-48 JI '68.

Distribution of residual effective masses in π -interactions at an energy of 17 GeV. S. A. Azimov and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 12 no. 2: 78-82 '68.

Studying the slow neutron scattering by certain isotopes. V. V. Kolotylo and others. Ukr. fiz. zhur. 13 no. 4:600-605 Ap '68.

Tellurium determination by the radioactivation method on a (n, 2n) reaction. V. T. Tustanovskii, U. Orukhovichyev, L. P. Starchik. Dokl. AN Tadzh. SSR 11 no. 2:28-20 '68.

539.18 Physics of single atoms

Determining the coupling factors of the configurations np^2 n's and np^2 n'p from the experimental data. R. I. Semenov, B. A. Strugach. Opt. i spekt. 24 no. 4:487-487 Ap '68.

Diffusion and transfer of excitation in collisions between metastable lithium-3 atoms. P. L. Pakhomov, I. A. Fugol'. Dokl. AN SSSR 179 no. 4:813-816 '68.

Splitting of the terms Nd^{+3} and Ce^{+3} in LaF₃ crystals. D. E. Onopko. Opt. i spekt. 24 no. 4:673-576 Ap '68.

Use of Grotrian's coulomb function in computing the properties of atoms on the perturbation theory. S. V. Khristenko, S. I. Veitchikina. Dokl. AN SSSR 180 no. 3:655-658 '68.

539.19 Physics of single molecules

Absorption spectra of impurity centers with near levels "mixed" by vibrations. N. N. Kristofel'. Opt. i spekt. 24 no. 4:565-572 Ap '68.

Allowing for the asymmetry in the computation of intensities in the vibrational molecular spectra. Infrared spectra. D. S. Aver'khov, L. S. Muscats. Opt. i spekt. 24 no. 4: 513-518 Ap '68.

Calculating the vibrational-rotational energy of molecules. Part I: Method of contact transformations and its application to a diatomic molecule. M. R. Aliev, V. T. Aleksandran. Opt. i spekt. 24 no. 4:520-528 Ap '68.

Characteristics of the scattering of fast beams of O and N atoms on NO and CO molecules. I. U. N. Bel'tsev, N. V. Kanyshov, V. B. Leonov. Dokl. AN SSSR 180 no. 6:1312-1314 Je '68.

Computation of intensities of vibrational-rotational transitions for nonlinear molecules of the XY₂ type. I. I. Ippolitov, I. U. S. Makushkin. Opt. i spekt. 24 no. 4:530-534 Ap '68.

Correlation between the vibrational band shifts and the acidity of hydroxyl-containing substances in the case of their interaction with some organic compounds. I. Sngurov, L. A. Kuznetsova. Opt. i spekt. 24 no. 4: 535-539 Ap '68.

Experimental determination of the matrix element of the electron transition dipole moment in the first negative band system of the N₂ molecule with the use of an arc cell in the axial vortex airflow. I. I. Kiselevskii, V. D. Shimanovich. Opt. i spekt. 24 no. 4:568-512 Ap '68.

Hydrogen bond in cationic hydrogen peroxide solutions. I. I. Shatalin, M. A. Khmeluk, E. A. Kiva. Opt. i spekt. 24 no. 4:580-584 Ap '68.

Local electronic states in limited polyene chains. G. F. Kuznetsov. Teor. i ekspl. khim. 4 no. 3:271-279 Iy '68.

Normal modes of the dithiosulfate $S_2O_4^{2-}$ ion. I. U. A. Khartunov, M. A. Kulacheva, I. V. Gova. Opt. i spekt. 24 no. 4:530-541 Ap '68.

Relaxation of vibrations of polyatomic molecules in solutions. L. E. Mikulin. Teor. i ekspl. khim. 4 no. 3: 305-310 Iy '68.

Simultaneous examination of processes of vibrational relaxation and thermal dissociation of diatomic molecules. N. A. Gerasimov and others. Teor. i ekspl. khim. 4 no. 3:311-315 Iy '68.

Special features of intramolecular hydrogen bond in the molecules of α -oxynitric. V. I. Minin and others. Prom. khim. reak. i oboch. chisl. veshch. no. 8:46-54 '67.

Theoretical and experimental study of absolute intensities and depolarization of lines in the Raman scattering spectra of polyatomic molecules. Part 8: Acetaldehyde and acetaldehyde-d₂. V. I. Vakhilueva, S. M. Kala, I. M. Sverdlov. Opt. i spekt. 24 no. 4:913-645 Ap '68.

Thermographic study of the system of polyvinyl chloride - trihydroquinone, antiferone, and para-toluenyl. I. A. Lopatkin, V. A. Voskresenskii. Izv. vuz. ucheb. zav.; khim. i khim. tekhn. 11 no. 8:897-569 '68.

Vapor composition over liquid azide. I. K. Karginas, D. M. Chichikov, I. V. Tsvetkov. Dokl. AN SSSR 181 no. 1: 158-159 JI '68.

539.2 Properties and structure of molecular and macromolecular systems

Autoscopy of chalcide properties of rocks. K. S. Aleksandrov and others. Izv. AN SSSR. Ser. geol. no. 8:17-28 Je '68.

Calculation and optimum design of reinforced concrete structures. M. I. Reizman. Stroitel'stvo i mashinostroyeniye no. 3:23-27 '67.

Calculation of diffusion coefficients at plane interfaces. V. A. Pantolov. Zsv. lab. 34 no. 6:556-557 '68.

Dependence of the absorption of a plasticizer on the grain structure of suspension polyvinylchloride. V. I. Balukhskii and others. Plast. massy no. 3:8-11 '68.

Determination of the dielectric constant and coefficient of the growth of thin films of tantalum pentoxide obtained by electrochemical anodizing. V. K. Ilets, E. D. Plekshenko. Ukr. khim. zhur. 31 no. 6:561-571 '68.

Determining the contact angles of wetting of an isolated drop in the capillary. Z. I. Adigamov. Izv. vuz. ucheb. zav.; ucheb. i nauch. no. 2:67-69 '68.

Determining the velocity of surface recombination by the photomagnetic effect. Part 2. A. V. Suchenko. Ukr. fiz. zhur. 13 no. 4:617-621 Ap '68.

Effect of an electric field on the behavior of gas inclusions (cavities) in alkali-halide single crystals. I. A. O. Iebuzin, N. M. Ovcharenko, E. O. Elvazov. Ukr. fiz. zhur. 13 no. 4:681-598 Ap '68.

Effect of exchange interaction between magnetic ions on the shift of a Mossbauer spectrum. Sh. Sh. Bashkurov, G. A. Solov'ev, V. A. Chistiukov. Dokl. AN SSSR 180 no. 3:507-508 '68.

Electron diffraction examination of the crystallization kinetics of amorphous anthracene films. G. A. Fendiev, F. I. Aliev. Dokl. AN SSSR 179 no. 2:314-315 '68.

Frictional properties of oriented crystalline polymers. G. V. Vinogradov and others. Dokl. AN SSSR 180 no. 3: 682-685 '68.

Hydroscopic properties of high-bulk yarn and knit goods manufactured from it. L. S. Sinyukov, S. S. Molokhova. Loh. prom. 9 no. 4:2-3 JI-Ag '68.

Juvenile (physically pure) surfaces, their production and properties. G. P. Ufil. Dokl. AN SSSR. 170 no. 6:1310-1321 Ap '68.

Measurement of magnetic anisotropy along the normal to the plane of a film. V. P. Udakov. Izv. lekhn. no. 11: 94 N '68.

539.2

Investigation of the mechanism of an industrial catalyst for the synthesis of polyacetylene. T. A. Mal'kova and others. *Khim. i tekhn. vol. 3* no. 3:60-62. Mr-Je '68.

Investigation of the effect of the growth of thin film films. R. N. S. P. and others. *Dokl. AN SSSR* 190 no. 3: 100-102. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Investigation of the properties of a polymer electrolyte in the presence of a plasticizer. A. V. Kiselev and others. *Ukr. fiz. zhurn.* 13 no. 4:55-57. '68.

Determining the geometric parameters of the deformation center during local rolling. N. M. Sankov. *Nauch. trudy DMI* no. 52:252-257. '67.

Determining the geometric parameters of the center of deformation in diagonal rolling mills. A. P. Cherkasov, V. I. Vashin, V. N. Umerenkov. *Nauch. trudy DMI* no. 52:121-141. '67.

Determining the length of the arc of contact taking into account the elastic compression of rolls and the strip being rolled. A. A. Dinnik. *Nauch. trudy DMI* no. 52:221-231. '67.

Determining the position of maximum speed in relation to deformation during rolling. V. N. Umerenkov. *Nauch. trudy DMI* no. 52:199-201. '67.

Determining the resistance to deformation under a given loading law. I. V. Aks, R. V. Lel', O. I. Sufarov. *Fiz. i khim. obr. mat.* no. 2:35-41. Mr-Apr '68.

Distribution of torque at a flexure during the rolling of a strip in various conditions of external friction on the rolls. V. P. Gaiduk, A. A. Dinnik, V. I. Prokof'ev. *Nauch. trudy DMI* no. 52:246-254. '67.

Effect of the rate of deformation on the strain diagram for compound polyamides subjected to extension. V. I. Zolotarev, M. H. Khrizman. *Dop. AN URSR* Ser. A 30 no. 5:455-465. Mr '68.

Effect of the size of grains on the localization of macroshifts of different directions. G. V. Gusev, F. P. Rybalko. *Ukr. zap. URSR* no. 50:181-185. '66.

Establishing the plasticity criterion for high-speed steel. P. G. Kiselev, B. P. Prybylov, V. I. Eskin. *Zav. lab.* 34 no. 5:581-583. '68.

Flexure of a plate with given displacements on the contour of a circular hole. I. R. Khoma. *Dop. AN URSR* Ser. A 30 no. 5:450-461. Mr '68.

Formulation of the theory of a physically nonlinear flexure of plates of orthotropic glass reinforced plastics. V. O. Koshadina. *Dop. AN URSR* Ser. A 30 no. 3:270-281. Mr '68.

Generalized equations for the hysteresis loop of a cyclically deformed material within its limits of elasticity. H. S. Pyatenko. *Dop. AN URSR* Ser. A 30 no. 5:454-460. Mr '68.

Geometrical shape and location of a flexible thread with a given load along its length. M. D. Melytsa. *Dop. AN URSR* Ser. A 30 no. 7:611-616. Mr '68.

Geometry of the center of deformation during pipe rolling in round passes on a long control. A. I. Yarkin and others. *Nauch. trudy DMI* no. 52:165-174. '67.

Investigating fatigue strength of wheels welded in carbon dioxide gas. V. I. Mitin, N. A. Zubov. *Avi. prom.* 34 no. 3:26-28. Mr '68.

Kinetics of crack development in solid polymers. A. O. Kandykova. *Dop. AN URSR* Ser. A 30 no. 7:609-615. Mr '68.

Limiting equilibrium of plates with holes. V. G. Samarin. *Stroitel. mekh. i rasch. soor.* 10 no. 3:27-28. '68.

Loss of stability due to imperfect fastening of the shell edge. A. V. Pogorelov. *Dokl. AN SSSR* 179 no. 2:308-309. '68.

Mechanical characteristics of rubber during local deformations. B. M. Goroduk, G. I. Fedotkin, M. A. Malekova. *Kauch. i rez.* 27 no. 7:30-37. '68.

Method for measuring the dynamic properties of different configuration rubber samples. L. D. Belikov, L. E. Vinitskii. *Kauch. i rez.* 27 no. 7:42-43. '68.

Methods of experimental determination of forward slip in relation to reduction and deformation between sheets of continuous mills. S. A. Oshchepkov, V. K. Zverev. *Nauch. trudy DMI* no. 52:393-412. '67.

New class of exact solutions of a biharmonic problem for a half-strip. V. L. Indeev, V. I. Danilovskikh. *Dokl. AN SSSR* 180 no. 6:1310-1322. Je '68.

Nonlinear problem involving flexure of a cylindrical tubular shell embedded in the ground. V. A. Beshenov. *Dop. AN URSR* Ser. A 30 no. 7:646-652. Mr '68.

Note on solving the plane problem in the theory of elastostatics of an anisotropic body. Kh. B. Borkin, F. Asadov. *Dokl. AN Tadzh. SSR* 11 no. 2:16-17. '68.

On the nonlinear theory of polymer creep. G. A. Van't Hof, V. I. Ozerov. *Dop. AN URSR* Ser. A 30 no. 7:652-655. Mr '68.

One criterion of stability of nonlinear systems. A. M. Prosenko. *Stroitel. mekh. i rasch. soor.* 10 no. 3:39-42. '67.

Oriented hardening in the case of alternating torsion with extension. Part 1. F. P. Rybalko and others. *Ukr. zap. URSR* no. 50:159-167. '66.

Oriented hardening in the case of alternating torsion with extension. Part 2. F. P. Rybalko, O. V. Gusev, R. I. Shevchenko. *Ukr. zap. URSR* no. 50:167-174. '66.

Physicochemical properties of the material being burned in a rotary kiln. I. U. M. Bili, V. V. Timashov, B. S. Al'batov. *Nauch. soob. NITSsmentu* no. 19:19-22. '65.

Plane problem bearing on the stability of a three-year cylindrical shell. *Dop. AN URSR* Ser. A 30 no. 6:444-450. Mr '68.

Problem concerning the stressed state in an asymmetric ring lightly coupled with a hollow circular disc made of different material (continued). H. R. Efendiev. *Izv. AN Azerb. SSR* Ser. fiz.-tekhn. i mat. nauk no. 2:77-80. '68.

Ratio of the restoration of speed in the case of elastoplastic impact of a sphere against a plane. G. M. Pavlov. *Nauch. trudy OMTT* 88:122-133. '67.

Rad analogy of the point method. S. A. Smirnov. *Stroitel. mekh. i rasch. soor.* 10 no. 3:7-10. '68.

Selection of material for radioisotope coatings. D. A. Matzels, V. V. Chernina. *Kauch. i rez.* 27 no. 7:43-46. '68.

Solution of a problem involving torsion of isotropic homogeneous rods. G. A. Kutateladze. *Soob. AN Gruz. SSR* 47 no. 3:529-534. '67.

Stability of transversely isotropic cylindrical shells. I. U. Babich. *Dop. AN URSR* Ser. A 30 no. 5:451-454. Mr '68.

Standardization of elastic modulus of ball bearings. G. D. Tsiakelid, A. H. Pirogov. *Trudy Ikhim. bel.* 14 no. 3:28-29. Mr '68.

Strip deformation during its loading with a fluid heat source. K. M. Galovskii. *Trudy IUTG* 1:53-57. '67.

Structural stresses during stepped hardening of a spread steel. G. A. Orling. *Fiz. i khim. obr. mat.* 48-54. Mr-Apr '68.

Technique of the deformation of a wheel in a roller mill on a reduction process in a wheel mill. N. M. Sankov, A. A. Zinchenko. *Nauch. trudy DMI* no. 52:243-244. '67.

Tearing round rods and tubes made of a viscoelastic nonlinear elastomer. N. P. Pavlov. *Vysok. temp.* 10 no. 3:21-23. '67.

Use of the photoelasticity method for its application in modern hydrodynamic problems. V. I. Kiselev and others. *Khim. i tekhn. vol. 3* no. 3:60-62. '68.

539.4 Strength. Resistance.

Analysis of adsorption-induced deformation in a metal single crystal. I. D. Zolotarev. *Dokl. AN SSSR* 181 no. 3:587-589. '68.

Analysis of the effect of the rate of deformation on the deformation during continuous rolling of a strip. A. P. Cherkasov, V. I. Vashin, V. N. Umerenkov. *Nauch. trudy DMI* no. 52:165-174. '67.

Decrease of fatigue strength of steel bolts under cyclic loading. N. A. Zolotarev, I. I. Zolotarev. *Dop. AN URSR* Ser. A 30 no. 5:467-469. Mr '68.

Determining the optimum angles of orientation of fibers in laminated shells and plates. A. V. Kiselev, S. K. Yul'kin. *Dop. AN URSR* Ser. A 30 no. 3:274-281. Mr '68.

Effect of high-temperature mechanical treatment on the thermal fatigue of 40Kh12N8M1 steel. V. I. Kiselev, H. P. Sankov. *Fiz. i khim. obr. mat.* no. 2:121-127. Mr-Apr '68.

Effect of surface quality of a hard alloy on its fatigue strength. A. I. Kishin. *Stroitel. mekh. i rasch. soor.* 10 no. 3:29-30. Mr '68.

Effect of wire orientation on the mechanical properties of mesh for reinforced materials. I. I. Kishin and others. *Fiz. i khim. obr. mat.* no. 2:127-131. Mr-Apr '68.

Evaluating Peterlin's criterion in 60-thiopyrene derivatives highly alloyed polymers. S. S. Korolov, I. I. Kishin. *Fiz. i khim. obr. mat.* no. 2:131-133. Mr-Apr '68.

Failure strength of copper wire welded in a vacuum atmosphere. G. R. Zolotarev, H. P. Sankov, A. S. Smirnov. *Avi. prom.* 34 no. 3:26-28. Mr '68.

Influence of plastic deformations and mechanical treatment on the resistance to fatigue of 1Kh18N9Ti steel. V. A. Vindanov, M. N. Samoilov. *Stroitel. mekh. i rasch. soor.* 10 no. 3:29-30. Mr '68.

Interaction of microcracks in concrete. V. S. Pavlov, M. V. Mikhailov, P. A. Heblin. *Dokl. AN SSSR* 179 no. 2:327-330. '68.

Kinetic conception of the strength of metals. S. N. Korolov. *Dokl. AN SSSR* 181 no. 3:49-52. Mr '68.

Calculating frequencies of natural vertical vibrations of an electric instrument holding into a wall and resistance forces in the spring suspension. V. I. Kishin, S. S. Korolov. *Trudy OMTT* 88:52-53. '67.

Metallography. A. A. Zolotarev, V. I. Zolotarev, S. S. Korolov. *Trudy OMTT* 88:54-55. '67.

Mechanical properties of metal films. G. A. Pavlov, A. I. Kishin. *Trudy OMTT* 88:56-57. '67.

Performance of a toroidal element in a thin curved shell with a pure bend. M. A. Dzhumov. *Nauch. trudy DMI* no. 52:121-141. '67.

Pure bend of a thin curved shell with a clear point and internal wall. I. U. A. Dzhumov. *Nauch. trudy DMI* no. 52:121-141. '67.

Stresses in a powder-like half-plane with a point load on its outer edge. A. M. Dzhumov. *Trudy OMTT* 88:105-111. '67.

Wear of viscous elastomer films under the effect of light and washing. M. S. Il'f and others. *Trudy OMTT* 88:122-133. '67.

Yield stress during the local deformation of cast alloyed steels. A. A. Dinnik. *Nauch. trudy DMI* no. 52:243-244. '67.

539.5 Material properties influencing deformability

Device for precise evaluation of rubber hysteresis at minor stresses. G. A. Pavlov and others. *Kauch. i rez.* 27 no. 7:52-53. '68.

Device for recording wear on an MI-4M friction machine. V. D. Zolotarev. *Zav. lab.* 34 no. 6:621-622. '68.

Effect of the admittance of surface-active agents on the hydroxylation of metals. S. P. Zolotarev, I. I. Zolotarev. *Dokl. AN SSSR* 179 no. 1:825-828. '68.

Mechanism of the effect of the chemical composition on the tendency toward brittle failure in high-melting metals. G. M. Sankov and others. *Fiz. i khim. obr. mat.* no. 2:77-80. Mr-Apr '68.

539.6 Intermolecular forces: association phenomenon. Frictional properties of oriented crystalline polymers. G. V. Vinogradov and others. *Dokl. AN SSSR* 180 no. 3:682-685. '68.

Inelastic phenomena in molybdenum due to diffusion. V. I. Baranova and others. *Fiz. i khim. obr. mat.* no. 2:77-80. Mr-Apr '68.

Studying antifriction properties and the wear-resistance of bronze, cast iron and graphitized steel. S. I. Zolotarev and others. *Izv. vuz. uchob. zav. i Chern. i metal. obr.* 10 no. 3:72-73. '68.

- [illegible]

- 541.1 (Continued)
- Luminescence and photochemical properties of complex compounds of thorium with Schiff's bases.** O. A. Oelgova and others. *Prum.khim.rok. i osobu chist. veshch.* no. 8:148-156 '67.
- Mass spectrometric method of determining oxygen volatility over oxide catalysts.** V. A. Sazanov, V. V. Popovskiy, G. E. Bureskov, *Kin. i kat.* 9 no. 2:307-311 Mr.-Ap '68.
- Measurement of the potential barrier which prevents metallic surfaces from sticking in electrolyte solutions.** B. V. Deriagin, L. A. Likhovitch, *Dokl. AN SSSR* 179 no. 8:1373-1376 Ap '68.
- Mechanism and kinetics of palladium reduction from chloride solution by carbon monoxide.** M. I. Spitayn, I. V. Znamenskii, I. V. Fedoseev, *Dokl. AN SSSR* 181 no. 3:17-218 JI '68.
- Mechanism of an inhibiting action of phosphides and sulfides.** Report No. 1. Kinetics and mechanism of the reaction of lithioperoxide with aliphatic phosphites. P. G. Pelechinskii, A. I. Buchachenko, *Izv. AN SSSR Ser. khim.* no. 6:1181-1185 Ju '68.
- Mechanism of isomerization of isomeric cation.** I. U. G. Buzdov and others, *Dokl. AN SSSR* 181 no. 1:97-99 JI '68.
- Mechanism underlying the elementary acts of phenol oxidation.** V. I. Muronov, N. I. Nikolaev, G. G. Chuvsteva, *Dokl. AN SSSR* 180 no. 3:818-821 '68.
- Making diagram of the ternary reciprocal system consisting of bromides and iodides of thallium and cesium.** I. I. Il'iasov, D. G. Barabegov, *Ukr. khim. zhur.* 34 no. 3:473-475 '68.
- Method for a merited integration of differential equations for chemical kinetics at any ratio between the reaction rate constants.** F. A. Bukhman and others, *Kin. i kat.* 9 no. 2:412-417 Mr.-Ap '68.
- Method of determining activation energy for reactions carried out at monotonically varying temperature.** V. S. Lysychev, *Kin. i kat.* 9 no. 3:712-710 My-Jo '68.
- Migration of a halogen atom in 1-halomethylbenzenes and 1-methyl-2-halobenzene on heating.** L. I. Zakbarkin and others, *Izv. AN SSSR Ser. khim.* no. 8:1862-1864 Ag '68.
- Mineralogical composition of an industrial catalyst for ammonia synthesis.** T. IA. Malysheva and others, *Kin. i kat.* 9 no. 3:700-702 My-Jo '68.
- Mutual solubility of aniline molecules and aluminum cations.** S. I. Diankin, I. I. Danaskin, *Elektrokhim. i tekhn. 4 no. 9:1000-1003 Ag '68.*
- Mutual solubility in the system water - aliphatic alcohol - n-alkane.** Part 1. A. I. Vorob'eva, M. Kh. Karapet'ants, *Zhur. fiz. khim.* 40 no. 12:3018-3023 JI '68.
- Nature of the catalytic activity of aluminum hydroxide, fluorides and fluorinated aluminum oxide.** T. V. Antipova, O. V. Bulgakov, *Dokl. AN SSSR* 179 no. 4:845-848 '68.
- New design of a cell for measuring the contact potential difference.** I. U. N. Rukov, *Kin. i kat.* 9 no. 3:459-459 Mr.-Ap '68.
- New variant of computing reaction technique.** M. V. Dazilevskii, E. A. Trotsman, *Kin. i kat.* 9 no. 3:516-520 '68.
- Nickel catalysts in the reaction of toluene and benzene with water vapor.** M. Prag, A. A. Baidun, T. A. Slova-khova, *Kin. i kat.* 9 no. 2:300-305 Mr.-Ap '68.
- Nucleophilic component of surface tension.** A. Ia. Gakhovskii, *Dokl. AN SSSR* 181 no. 2:385-388 JI '68.
- Nucleophilic substitutions in a series of derivatives of phosphorus acids.** Part 3: Kinetics of hydrolysis of dihaloanhydrides of phosphorus acids. A. A. Neymyshova, I. I. Kuznetsov, *Zhur. ob. khim.* 36 no. 3:583-601 Mr '68.
- Nucleophilic substitution in the aromatic series.** Part 16: Kinetics of the reaction of m- and p-chlorobenzonitrile with sodium methylate in methyl alcohol. S. M. Shein, A. V. Efaltsev, *Zhur. ob. khim.* 38 no. 3:487-492 Mr '68.
- Nucleophilic substitutions in the aromatic series.** Part 17: Kinetics of the reaction of o-chlorobenzonitrile, its mono- and bis-trifluoromethyl-substitutions with sodium methylate in methyl alcohol. S. M. Shein, A. V. Kvalitsev, *Zhur. ob. khim.* 38 no. 3:492-496 Mr '68.
- On the completeness of a chemical reaction.** S. A. Sudar-kov, P. N. Kapuskil, *Dokl. AN SSSR* 182 no. 4:498-502 Je '68.
- Oxidation activity of sherry yeasts produced by submerged culture.** T. S. Tsyb, *Trudy VNIIV "Rizharach"* 15:127-135 '67.
- Oxidation of methyl ethyl ketone in acetic acid solution.** G. E. Zaitkov, *Kin. i kat.* 9 no. 3:511-515 My-Jo '68.
- Periodicity in the change of impurity distribution coefficients during crystallization processes.** S. A. Shein-korov, E. E. Konovalov, Sh. I. Peizulalov, *Zhur. ob. khim.* 38 no. 4:690-695 Ap '68.
- Phase composition of binary and ternary systems consisting of SiO₂, CaO, Na₂O, R₂O₃.** Report No. 1. T. A. Tishura, *Ukr. khim. zhur.* 34 no. 3:267-262 '68.
- Phase composition of binary and ternary systems consisting of SiO₂, CaO, Na₂O, B₂O₃.** T. A. Tishura, *Ukr. khim. zhur.* 34 no. 5:468-472 '68.
- Phase constitution of mixtures.** N. L. Gol'dshchik, *Izv. vys. ucheb. zav. i khim. i tekhn. i tekhn.* 11 no. 6:35-40 '68.
- Phase diagram of the binary system lead - manganese.** Z. I. Ali-Zade, A. O. Mokhrabov, *Zhur. fiz. khim.* 40 no. 12:3097-3098 D '68.
- Phase diagram of the system dichlorodifluoromethane-aqueous salt solution.** A. S. Chupisov, V. I. Kostuk, *Vod. i aan. tekhn.* no. 3:13-18 '68.
- Phase equilibria in condensed systems.** Part 1. T. M. Los'tova, S. K. Ogarodnikov, *Zhur. fiz. khim.* 40 no. 12:3042 D '68.
- Phase equilibria in the system Y₂O₃ - Al₂O₃ - Nd₂O₃.** R. V. Bakradze and others, *Dokl. AN SSSR* 178 no. 4:840-851 '68.
- Photo-aging of polyethylene films.** F. D. Ziditskaya and others, *Plast. massy* no. 3:15-16 '68.
- Photochemical chlorination and oxidation of olefins involving ferric chloride.** A. I. Krutkov, Z. A. Tkachenko, *Dokl. AN SSSR* 179 no. 8:1340-1343 Ap '68.
- Photochemical studies of colloidal properties of polymers.** V. V. Devilkamov, *Izv. vys. ucheb. zav. i tekhn. i tekhn.* 11 no. 3:37-39 '68.
- Photolysis of triethylamine oxide.** I. U. A. Aleksandrov, B. A. Radul', *Zhur. ob. khim.* 38 no. 3:490-504 Mr '68.
- Photoreduction of aqueous solutions of riboflavin.** L. I. Korshakov and others, *Dokl. AN SSSR* 179 no. 8:1381-1384 Ap '68.
- Physical chemistry of impact compression.** S. S. Batsanov, *Izv. SO AN SSSR no. 14 Ser. khim. nauk* no. 6:22-35 Ag '67.
- Physical properties and activity of Ni - ZnO catalysts.** Part 2: Phase composition, structure, texture, and magnetic properties of Ni - ZnO catalysts and the changes induced in them under the effect of the catalytic reaction. A. M. Rukhovich and others, *Kin. i kat.* 9 no. 2:295-305 Mr.-Ap '68.
- Physical properties and activity of Ni - ZnO catalysts.** Part 3: Study of Ni-ZnO catalysts by ferromagnetic resonance technique. A. A. Shukin, E. A. Fedorovskaya, *Kin. i kat.* 9 no. 3:655-660 My-Jo '68.
- Physicochemical analysis of binary liquid systems formed by diethylamine with haloacetic acids.** I. U. IA. Flakov, S. N. Kholodnikova, *Zhur. ob. khim.* 38 no. 4:685-690 Ap '68.
- Physicochemical analysis of ternary systems of dimethyl sulfoxide with phenol, acetone, acetamide, and carbamide.** I. M. Bakhshin, I. O. Vitman, V. P. Chesnokov, *Zhur. ob. khim.* 38 no. 3:661-685 Ap '68.
- Physicochemical study of the ternary system: RhCl₃·H₂O - H₂O - H₂O system.** T. A. Ilovinskaya and others, *Izv. AN SSSR Ser. khim.* no. 6:1179-1190 Je '68.
- Polymerization of acrylamide and methacrylamide as affected by the nature of the medium.** V. F. Gromov and others, *Dokl. AN SSSR* 179 no. 2:374-377 '68.
- Possibility of reducing the burning rate of explosives by adding redoxers.** A. P. Glazkova, *Dokl. AN SSSR* 181 no. 2:373-384 JI '68.
- Preparation of bromide and iodide alkali metal salts using hydrazine as reducing agent.** A. I. Vaitikh, S. M. Arkhipov, L. G. Sidorova, *Prum.khim.rok. i osobu chist. veshch.* no. 10:40-45 '67.
- Processes taking place in solids under the effect of strong shock waves.** A. N. Drenin, O. N. Brimov, *Exp. khim.* 37 no. 5:808-916 My '68.
- Processing of sparingly soluble compounds by use of ion exchangers.** V. L. Bogatyrev, A. I. Vaitikh, *Prum.khim. rok. i osobu chist. veshch.* no. 10:62-72 '67.
- Production and study of mixed photochromers of nitrobenzene with its dihydroxy-substituted derivatives.** T. M. Vembor, V. A. Kuznetsov, A. S. Chichakov, *Trudy eksp. khim.* 4 no. 3:373-378 My-Je '68.
- Properties of oligomer monolayers as depending on the degree of polymerization.** A. E. Fainerman, I. U. B. Lipatov, V. K. Maletskiy, *Dokl. AN SSSR* 178 no. 5:1129-1131 '68.
- Probe photoexcitation of photochrome spiropyranes.** A. I. Shukhovich, *Trudy eksp. khim.* 4 no. 3:421-421 My-Je '68.
- A quasi-bimolecular solution in the kinetics of nonreversible chain reactions.** A. A. Borisenko, *Kin. i kat.* 9 no. 2:237-238 Mr.-Ap '68.
- Quaternary reciprocal system I₂, K, NaCl, Cl₂.** M. A. Zakharichenko, K. V. Kontar', *Ukr. khim. zhur.* 34 no. 3:242-246 '68.
- Rapid method of determining desorption isotherms.** G. I. Fedorov, G. F. Tarasova, R. I. Izmailov, *Zhur. fiz. khim.* 42 no. 4:1036-1040 Ap '68.
- Rate of aromatic amine acylation by acrylonitrile in dioxane.** I. M. I. Ivnerko, V. A. Savelova, *Zhur. ob. khim.* 38 no. 4:747-756 Ap '68.
- Reaction of hydrogen with carbon monoxide adsorbed on platinum and rhodium.** N. N. Kavtaradze, N. P. Sokolova, *Dokl. AN SSSR* 181 no. 1:141-143 JI '68.
- Reaction of isobutyronitrile radical with triethylamine.** E. A. Trotsman, M. V. Dazilevskii, *Kin. i kat.* 9 no. 3:684-687 My-Jo '68.
- Reaction of 1-phenyl-2,3-dimethylpyrazolone with benzotriazole and salicylic acids.** N. Z. Rudenko, Z. A. Buzurina, *Zhur. ob. khim.* 38 no. 4:700-703 Ap '68.
- Reaction of formalized electrons in vitreous aqueous solutions of perchloric acid at 70°K.** B. G. Ershov, G. P. Chernova, A. K. Pikaev, *Izv. AN SSSR Ser. khim.* no. 8:1178-1181 Je '68.
- Reactions of hydrogen atom in the system H₂O₂·SO₄·Fe₂SO₄.** Part 6: Kinetics. V. E. Voevodskii, N. M. Bazhin, M. M. Nikova, *Kin. i kat.* 9 no. 3:521-527 My-Je '68.
- Reactions of p- and m-aminobenzene with aromatic nitrochlorides.** A. M. Shur, A. P. Donia, N. A. Barba, *Izv. vys. ucheb. zav. i khim. i tekhn. i tekhn.* 11 no. 5:660-663 '68.
- Reactivity of oxide oxygen in a reducing medium studied by the isotopic exchange technique.** E. E. Rukhovich, G. K. Horenkov, *Kin. i kat.* 9 no. 2:299-294 Mr.-Ap '68.
- Reduction of copper, lead, and zinc oxides by methane.** D. M. Chizhikov, I. U. I. Kuvshov, I. V. Tsvetkov, *Dokl. AN SSSR* 180 no. 8:1423-1423 Je '68.
- Reflection spectra of solid solutions of indium arsenide with compounds of the Al-III type.** O. V. Volkovskiy, V. P. Trubetskoy, *Ukr. fiz. zhur.* 13 no. 4:688-688 Ap '68.
- Regularities in transformations of acetylene in the pyrolysis of ethylene.** I. U. P. Iampol'skii, I. U. V. Makst-mov, K. P. Lavrovskii, *Dokl. AN SSSR* 179 no. 8:1362-1365 Ap '68.
- Relation between catalytic activity and time constants for rise and drop of the photoconductivity of semiconductor catalysts.** V. A. Zhuraviev, V. N. Kuznetsov, M. I. Iurkevich, *Kin. i kat.* 9 no. 2:328-331 Mr.-Ap '68.
- Role of a catalyst in the synthesis of hydrazine from ammonia in a barrier discharge.** E. A. Rutkova, E. N. Eremkin, A. N. Mal'tsev, *Zhur. fiz. khim.* 40 no. 12:310-312 D '68.
- Role of flame radiation in the burning of metallized mixtures.** A. A. Zelenin and others, *Dokl. AN SSSR* 181 no. 3:637-639 JI '68.
- Role of hydrogen bonds in the mechanism of some elementary phases of oxidation processes.** G. I. Zaitkov, Z. K. Mal'eva, N. M. Emanuel', *Elektrokhim. i tekhn. i tekhn.* 4 no. 2:217-223 Mr.-Ap '68.
- Shift of the catalyst potential as a function of the reaction rate of liquid phase hydrogenation.** Part 5: Surface potential of hydrogenation catalysts and the surface activity. *Kin. i kat.* 9 no. 3:829-834 My-Jo '68.
- Simultaneous examination of processes of vibrational relaxation and thermal dissociation of diatomic molecules.** N. A. Gerasimov and others, *Trudy eksp. khim.* 4 no. 3:111-115 My-Je '68.
- Sintering of iron oxide studied by the emanation and surface gas labeling technique.** G. M. Zhabrova, M. D. Shibanova, Ch. Ekh, *Kin. i kat.* 9 no. 3:703-708 My-Je '68.
- Solubility in the systems R₂SO₄ - H₂SO₄ - H₂O and C₂SO₄ - H₂SO₄ - H₂O at 25°.** A. N. Khrushchev, V. A. Leonova, *Izv. AN SSSR Ser. khim.* no. 6:1150-1170 Je '68.
- Solubility of potassium sulfate in nitric acid solutions at 40° and 50° C.** K. Khorov, E. M. Mirzayev, M. N. Nabiev, *Izv. khim. zhur.* 12 no. 2:3-5 '68.
- Solubility of sodium carbonate in water at elevated pressures within 475°-530° C temperature range.** M. I. Navich, F. E. Borovaya, *Dokl. AN SSSR* 180 no. 8:1372-1375 Ju '68.
- Solvolysis effect and activation energy of catalytic hydrogenation of some aliphatic-aromatic nitrocompounds.** A. V. Finkel'shteyn, V. V. Ivanov, *Dokl. AN SSSR* 181 no. 1:155-157 JI '68.
- Some effects of the mechanical action on coal.** P. N. Dzhaparidze, I. N. Lomidze, V. I. Akoe, *Dokl. AN SSSR* 179 no. 4:921-925 '68.
- Some problems of isopiestic solutions and instrument for isopiestic measurements.** A. V. Luk'yanov, *Izv. SO AN SSSR no. 14 Ser. khim. nauk* no. 6:92-99 Ag '67.
- Some properties of S-shaped exchange isotherms on an ideal bifunctional ion exchanger.** I. U. A. Kokorov, *Zhur. fiz. khim.* 40 no. 12:2941-2946 D '68.
- Some thermodynamic characteristics of molecular oxygen at temperatures below 300° K.** M. P. Orlov, *Zhur. fiz. khim.* 40 no. 12:2886-2892 D '68.
- Special features of intramolecular hydrogen bond in the molecules of o-xenylene.** V. I. Minkin and others, *Prum.khim. rok. i osobu chist. veshch.* no. 8:48-51 '67.
- Spectroscopic study of rhodium catalysts for hydrogenation.** V. A. Avilov and others, *Kin. i kat.* 9 no. 3:698-699 My-Jo '68.
- Stabilization of polymerizing emulsions by polyelectrolyte dispersers.** A. I. Urvachko, T. A. Andur, *Dokl. AN SSSR* 181 no. 3:650-661 JI '68.
- Standard m.f. of the Pt(H₂) [HCl] [AgCl] Ag element in an ethanol (25%) - benzene (75%) mixture.** V. V. Aleksandrov, I. K. Ostapenko, T. A. Buzul'man, *Elektrokhim. i tekhn. i tekhn.* 4 no. 8:1004-1012 Ag '68.
- State of platinum in promoted platinum catalysts and nature of activity of metal catalysts in dehydrocyclization of paraffin hydrocarbons.** M. R. Burelan, S. B. Kogan, Z. A. Davydina, *Kin. i kat.* 9 no. 3:601-607 My-Je '68.
- Staircase of anion adsorption by cation exchangers.** N. P. Iannikov, A. S. Salykov, Kh. R. Rustamov, *Ukr. khim. zhur.* 12 no. 1:58-60 '68.
- Stopwise homogeneity of palladium surface in the kinetics of cyclohexene dehydrogenation.** Part 1: Stopwise dependence of the reaction rate on pressure. V. I. Shimalia, M. P. Moskova, E. Takano, *Kin. i kat.* 9 no. 3:577-584 My-Jo '68.
- Strengthening by heat of acidogels of saturated carboxylic acid soaps.** V. V. Sinitsev, E. I. Penomareva, K. I. Penomareva, *Dokl. AN SSSR* 181 no. 1:180-183 JI '68.
- Structure of micelle of ferrous hydroxide.** M. F. Talina, *Izv. vys. ucheb. zav. i khim. i tekhn. i tekhn.* 11 no. 5:613-614 '68.
- Studies in the field of chemistry of free radicals of the hydrazine series.** Part 40: Color value of hydrazyl radicals. L. V. Kholodinskii, R. O. Matevosyan, A. K. Chirkov, *Zhur. ob. khim.* 4 no. 3:508-511 Mr '68.
- Study of adsorption properties of titanium dioxide by gas chromatography.** I. V. Kolesnitsyna, R. S. Petrova, *Koll. zhur.* 29 no. 8:615-621 N-D '67.
- Study of catalytic properties of cobalt spirals with respect to oxidation reactions by molecular oxygen.** T. V. Andrusheva and others, *Kin. i kat.* 9 no. 3:595-604 My-Je '68.
- Study of iron oxide and hydroxide as catalysts for low-temperature conversion of ortho-hydrogen to para-hydrogen.** R. A. Butanov and others, *Kin. i kat.* 9 no. 2:379-385 Mr.-Ap '68.
- Study of photoelectrochemical processes on a ZnO electrode.** Part 2: Electrochemical and photoelectrochemical reduction of oxygen. D. M. Shub, V. P. Pakhomov, V. I. Veselovskii, *Elektrokhim. i tekhn. i tekhn.* 4 no. 4:384-391 Ap '68.
- Study of propylene adsorption on copper oxide by means of infrared spectroscopy.** K. P. Zhdanova, N. I. Popova, *Kin. i kat.* 9 no. 2:397-403 Mr.-Ap '68.
- Study of the carriers of catalysts by means of exoelectroemission.** Part 5. A. P. Filonenko, I. V. Krylova, *Zhur. fiz. khim.* 40 no. 12:3080-3084 D '68.
- Study of the content of hydroxyl groups on the surface and in the bulk of aerosols by the method of deuteronium exchange.** A. A. Agzamkhozhaev, L. T. Zhuravlov, A. V. Kiselev, *Izv. AN SSSR Ser. khim.* no. 6:1186-1191 Je '68.

Thermal study of the effect of alkali on the properties of NaA and NaX zeolites. I. U. S. Khodakov, V. S. Nalashanov, Zh. M. Alimchev. Izv. AN SSSR Ser. Khim. no. 8:699-703 Ag '68.
Thermodynamic characteristics of aqueous solutions of electrolytes. Part 3: Thermodynamics and structure of solutions of LiCl and NaClO₄ in acetonitrile at 25 and 50 °C. V. V. Kuznetsov, R. P. Mishchenko. Teor. i eksp. khim., 4 no. 3:365-367 My-Je '68.
Thermodynamic characteristics of the reaction of amines with alkalies under conditions of gas liquid chromatography. R. V. Golovan, L. L. Zharavina, I. U. Arsenov. Dokl. AN SSSR 181 no. 1:100-102 Ji '68.
Thermodynamic properties of nitroglycerin powders in the region of pressures up to 28 000 kg./cm² and temperatures 20°-92° C. Part I. D. B. Balashov. Zhur. fiz. khim., 40 no. 12:3085-3070 D '68.
Thermodynamic reasons for certain features of corrosion behavior of copper in acids. V. P. Bogdanov, M. I. Kadraliev, L. V. Kvaklovskii. Dokl. AN Tadzh. SSR 11 no. 2:37-39 '68.
Thermodynamic studies at low temperatures. K. K. Mametov and others. Zhur. fiz. khim., 40 no. 12:3088-3089 D '68.
Thermodynamics of solid solutions of metal oxides. Part I. V. N. Bogoslovskii and others. Zhur. fiz. khim., 40 no. 12:3090-3095 D '68.
Thermodynamics of the anodic oxidation of hydrocarbon gases in an oxide electrolyte. A. L. Evgenyev. Elektrokhimiya 4 no. 8:537-542 Ag '68.
Thermographic study of the systems MoOCl₄-WO₃, WOCl₄-MoO₃. S. S. Ilisev, E. E. Vozhdarova, L. D. Pokatilo. Dokl. AN Tadzh. SSR 11 no. 2:30-32 '68.
Thermophysical properties of aqueous electrolyte suspensions. R. S. Leiner, E. G. Kister. Coll. zhur., 29 no. 6:822-828 N-D '67.
Ultrasonic absorption of aerosols. S. M. Gavrilitskii and others. Coll. zhur., 29 no. 6:878-882 N-D '67.
Use of the Debye effect of calorimetry. A. A. Istvykhan, A. I. Sarachuk. Izv. AN SSSR Ser. Khim. no. 6:1385-1387 Jo '68.
Using the second or fourth method of comparative computation for calculating heat capacity in a multidimensional space. L. P. Rudkov, G. N. Veselova, E. A. Riznina. Zhur. fiz. khim., 40 no. 12:3093-3094 D '68.
Vapor composition and heats of vaporization of cerium, samarium, gadolinium, and terbium hexaborides. S. P. Gordienko, V. V. Fesenko, D. V. Penochka. Zhur. fiz. khim., 40 no. 12:3092-3094 D '68.
X-ray spectra of absorption of phosphorus in organic phosphorus extractions and their relation to the structure of these substances. A. V. Nikolov and others. Dokl. AN SSSR 181 no. 1:110-112 Ji '68.

541.13 Electrochemistry. Electrolysis
Activation energy of the process of cathodic incorporation of an alkali metal. N. N. Tomashova and others. Elektrokhimiya 4 no. 4:471-475 Ap '68.
Adsorption phenomena on platinum studied by the potentiostatic method. F. M. Tokdabova, O. D. Zakambayeva, D. V. Sokol'skii. Dokl. AN SSSR 180 no. 3:652-654 '68.
Adsorption properties of ruthenium and platinum-ruthenium electrodes. V. S. Baibina, O. A. Potvil. Elektrokhimiya 4 no. 4:457-461 Ap '68.
Ammonium silicofluoride electrolyte for cadmium plating. N. P. Gnushin, V. A. Bartenev. Izv. SO AN SSSR no. 19. Ser. Khim. nauk no. 6:127-129 Ag '67.
Apparent constants of dissociation regarding active groups of humic acids from Aleksandriya brown mals. V. A. Vedoh, L. M. Kurzelsova. Khim. i ver. topl. no. 2:121-124 An-Ag '68.
Application of the method of programmed potentiodynamic surface treatment to the study of hydrogen and oxygen adsorption on silver. G. V. Zhutava and others. Elektrokhimiya 4 no. 4:482-486 Ap '68.
Automatic recording of electrode impedance. E. V. Panov, A. V. Gorodyski. Ukr. khim. zhur., 34 no. 3:305-306 '68.
Calculation of voltage dividers for electrochemical investigations. A. V. Gorodyski. Ukr. khim. zhur., 34 no. 3:375-382 '68.
Cathodic initiation of pyridine polymerization in the presence of magnesium and boron ions. S. I. Vasina and others. Elektrokhimiya 4 no. 4:468-471 Ap '68.
Deposition of small amounts of sodium on a mercury cathode. V. G. Prikladohenko, E. V. Leonovets, O. K. Kudra. Ukr. khim. zhur., 34 no. 3:253-257 '68.
Development of the polarograms for irreversible processes. A. V. Gorodyski, I. U. K. Del'marskii. Dokl. AN SSSR 180 no. 4:894-897 '68.
Effect of adsorption on the polarographic reduction of N-(2-methoxybenzoyl) caprolactam. G. A. Tsagareli, G. A. Todoradze, A. B. Ershler. Elektrokhimiya 4 no. 4:418-425 Ap '68.
Effect of electrolytes on the extraction of caffeine from water solutions. G. S. Klebanov, L. N. Mednikova, A. D. Oycharova. Khim.-farm. zhur., 2 no. 3:45-47 Mr '68.
Effect of mercury ions on the kinetics of electrode reactions in the iodine - iodide system. I. U. M. Povarov, L. V. Erusikina, P. D. Lukovtsev. Elektrokhimiya 4 no. 4:464-469 Ap '68.
Effect of tannin on zinc electrodeposition. D. S. Nadezhdin, G. A. Kurtschenko. Ukr. khim. zhur., 34 no. 5:455-458 '68.
Effect of the composition and concentration of electrolyte on the characteristics of nickel oxide electrode from spent active masses. A. M. Kozlovskii, T. F. Udina, L. L. Kuz'mina. Izv. vys. uchob. zav.; khim. i khim. tekhn. 11 no. 4:451-454 '68.

Electrocapillary phenomena in dimethylsulfoxide. Part 4: Adsorption of unadsorbed monovalent organic carbons: biphenyl, p-terphenyl, and p-nitrophenyl. V. D. Bezuglyi, L. A. Korshikov. Elektrokhimiya 4 no. 4:454-457 Ap '68.
Electrodeposition of zinc from a tripolyphosphate solution. V. S. Gubkina, A. I. Saprygin. Ukr. khim. zhur., 34 no. 3:461-465 '68.
Electrolytic refining of tin in methanol. L. A. Bel'minskii, A. I. Shumakov. Ukr. khim. zhur., 34 no. 5:522-524 '68.
Features of the reduction of 1,2-dihydro-pyridine on mercury in alkaline solution. I. M. Pavlov, G. A. Todoradze, A. B. Ershler. Elektrokhimiya 4 no. 4:461-464 Ap '68.
Electron nonadiabatic transitions. V. I. Krasovskiy. Teor. i eksp. khim., 4 no. 3:369-371 My-Je '68.
Formation of emulsions in the course of polymerization of 2-phenyl-1,3-butadiene. I. K. Tolstou, I. A. P. Stralin. Elektrokhimiya 4 no. 4:461-464 Ap '68.
Hall concentration cells of the amalgam type. E. G. Gorenboim, A. E. Gurenbekov. Elektrokhimiya 4 no. 4:463-467 Ap '68.
Kinetics of electrochemical preparation of ethylene dihalides. L. P. Seutirnova, N. S. Todoradze, I. K. Tolstou, ucheb. zav.; khim. i khim. tekhn. 11 no. 5:575-578 '68.
Kinetics of ion exchange of large organic molecules on cation exchangers. Part 2. E. S. Vasil'eva, E. F. Akhmedova, B. P. Bruma. Zhur. fiz. khim., 40 no. 12:3053-3056 D '68.
Liquid-phase electrolytes. Part II: Capillary electrochromic under modification of natural polymers. N. V. Korovin, A. S. Chudnov. Elektrokhimiya 4 no. 4:420-431 Ap '68.
Local current distribution and the reaction rate on the surface of a partly immersed electrode. A. A. Vasil'ov, I. U. Pugov. Elektrokhimiya 4 no. 4:447-447 Ap '68.
Nature of conductivity and polarization in modern stages. W. M. Sizov, O. A. Tatn, A. I. Solov'yev. Elektrokhimiya 4 no. 4:447-450 Ap '68.
Oxygen localization of pyrographite in alkaline solution. M. R. Tarasovich and others. Elektrokhimiya 4 no. 4:432-437 Ap '68.
Polarographic study of aliphatic alpha compounds. Report No. 2: Reaction of trialkylamines with formaldehyde. V. A. Potomkin and others. Izv. AN SSSR Ser. Khim. no. 6:1721-1728 Ap '68.
Quasi-reversible electrochemical potential. A. A. Kovalev, V. Korovin. Elektrokhimiya 4 no. 4:445-445 Ap '68.
Reduction of CrO₃ on a mercury electrode. V. N. Nikolaev-Petrovich, G. E. Titova. Khim. i tekhn. Elektrokhimiya 4 no. 4:392-397 Ap '68.
Role of protons in electrochemical transformations of oxides. P. D. Lukovtsev. Elektrokhimiya 4 no. 4:433-433 Ap '68.
Separation of oxygen isotopes in the synthesis of deuterio alcohol in an electrolyte. I. D. Hamer, S. A. Larinov, V. N. Motunovich. Zhur. fiz. khim., 40 no. 12:3091 D '68.
Structure and proportion of the electric double layer on the gallium-solution interface. V. A. Kirilov, V. P. Krylov, N. D. Orlov. Elektrokhimiya 4 no. 4:413-417 Ap '68.
Study of kinetic currents in the reduction of various phenoxes by the chronopotentiometric method. V. I. Kravtsov. Elektrokhimiya 4 no. 4:448-448 Ap '68.
Study of photoelectrochemical processes on a tungsten electrode. Part 2: Electrochemical and physicochemical reduction of oxygen. D. M. Shub, V. P. Potvin, V. I. Veselovskii. Elektrokhimiya 4 no. 4:444-444 Ap '68.

541.16 Radiation chemistry
Decomposition of PbHg single crystals under the action of X-rays. I. U. A. Zakharov, S. M. Itatskyi, A. P. ... Khim. i kat. 9 no. 3:870-881 My-Je '68.
Effect of gamma-irradiation of gadolinium oxide on the reaction of homomolecular isotopic oxygen exchange. L. A. Skazonev and others. Dokl. AN SSSR 178 no. 1:128-128 '68.
Formation and transformation of radicals in ferrous aqueous solutions of starch under the effect of gamma rays. V. A. Sharafy and others. Dokl. AN SSSR 181 no. 3:666-667 Ji '68.
Mechanism and products of radiolysis of α-methyl-D-glucoside. N. K. Kochetkov and others. Dokl. AN SSSR 179 no. 0:1386-1388 Ap '68.

54.15 (Continued)

Mechanism underlying the action of the secondary aromatic amine type of antioxidants and their others during the radiation oxidation of N-butylpropanamide and polyacrylamide. A. I. Brodskii and others. Dokl. AN SSSR 179 no. 2:370-373 '68.

Optical properties and nature of electron capture in nitro aqueous electrolyte solutions irradiated at 16°C. H. G. Firooz, O. F. Kholodov, A. K. Pukhov. Dokl. AN SSSR 179 no. 3:911-914 '68.

Sintering of iron oxide studied by the emanation and surface gas labeling technique. G. M. Zhaborova, M. D. Shharova, Ch. Ekh. Kln. i kal. 9 no. 3:703-706 My-Je '68.

Transition factor in the internal standard method following specimen excitation by polychromatic X-radiation. F. P. Paramonov, G. I. Turov. Izv. AN Kazakh SSR, Ser. fiz.-mat. no. 6:31-35 N-D '67.

54.15(477)—Ukrainian S. S. R.

Present state and future development of scientific research in the field of radiation physics and chemistry and the introduction (incorporation) by the institutions of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR, Ser. B 30 no. 7:663-664 '68.

541.2 Atomic theory

Cryoscopic determination of molecular mass of polysulfur and rubidium superoxides. V. A. Bruner, I. A. Saika, N. E. Shmidt. Izv. AN SSSR, Ser. khim. no. 8:1364-1365 Ag '68.

Effect of molecular weight and the nature of the solvent on the gradient dependence of the viscosity of high-molecular polymethyl methacrylate solutions. E. A. Rekturov, R. E. Legkumel. Izv. AN Kazakh SSR, Ser. khim. 18 no. 4:33-38 Ji-Ag '68.

Molecular-weight distribution of polyethylene. G. I. Rebov. Plin. massy no. 3:17-21 '68.

Nature of acidity of polymeric clays. E. T. Usanova, V. I. Kisel'tonov, I. A. Ukov. Koll. zhur. 29 no. 6:677-671 N-D '67.

Rosen, H. J. A. [In a perpetual motion] V vechnom dzhiznii. Moskva, "Znanie," 1968. 32 p. (Novoe v zhizni, nauka, tekhnika, Seriya "Khimiya," 0).

Some aspects of the approximate estimation of the properties of saturated hydrocarbons. E. A. Smolenskii. Zhur. fiz. khim. 40 no. 12:2882-2885 D '68.

Structure of lithium, sodium, and potassium paralytic acids studied by means of PMR. Kh. i. Lunk and others. Dokl. AN SSSR 181 no. 3:357-360 '68.

Substances with complex-forming capacity. Part 12: α -hydroxyethyl-diethylenetriamine-N,N'-tetraacetic acid. V. P. Vasil'ova and others. Zhur. ob. khim. 38 no. 3:473-478 Mr '68.

541.4 Chemical compounds

Composition and structure of solid petroleum hydrocarbons forming carbamide complexes. A. N. Chueva, I. F. Lytkin. Khim. i tekhn. topl. i masel 13 no. 7:22-25 '68.

Effect of oxygen among additives of surface-active substances in processes of friction, lubrication, and wear of metals. B. I. Kozlovskii, G. V. Mikulin. Dokl. AN SSSR 181 no. 2:331-334 Ji '68.

Kinetics of cobalt chloride catalyzed decomposition of tert-butyl, cumenyl, and triphenylmethane hydroperoxides. M. K. Shchennikova and others. Kln. i kal. 9 no. 3:553-559 My-Je '68.

Luminescence and photochemical properties of complex compounds of fluorium with Schiff's bases. O. A. Osipova and others. Prom. khim. reak. i osobo chist. veshch. no. 8:148-150 '67.

Peculiarities in compiling applications for the methods of obtaining chemical compounds. L. V. Chervova. Vop. 1967, no. 2:24-27 P '68.

Reaction of benzoxoles of lanthanides with water in ϵ -picoline. V. K. Val'kov, I. A. Fokina, Z. A. Grankina. Zhur. ob. khim. 38 no. 3:477-479 Mr '68.

Study of cis-trans isomerism of the complexes of lead tetrachloride with π -donors by the nuclear quadrupole resonance method. E. A. Kravchenko and others. Izv. AN SSSR, Ser. khim. no. 6:1271-1277 Jo '68.

Synthesis and complex-forming properties of alkylendiamine-diarylsulphonate and phosphonic acids. T. I. Molodt' and others. Izv. AN SSSR, Ser. khim. no. 6:1211-1216 Jo '68.

Thermal study of the effect of alkali on the properties of NaA and NaX zeolites. I. U. S. Khodakov, V. S. Nakhehurov, Kh. M. Mnachev. Izv. AN SSSR, Ser. khim. no. 8:1609-1703 Ag '68.

Change configuration in the reactions of opening of epoxide ring. A. A. Akhrem, A. M. Moiseev, V. N. Dobrynin. Usp. khim. 37 no. 8:1025-1035 Je '68.

Vibrational spectrum of rhene acid. K. I. Pelrov, V. A. Bardin, V. G. Kaluzhina. Dokl. AN SSSR 178 no. 5:1027-1028 '68.

541.49 Complex compounds

Compensation effect for reactions of lanthanide ions and temperature quenching of their luminescence in solution. V. P. Kazaikov. Teor. i eksp. khim. 4 no. 3:424-429 My-Je '68.

Complex formation in the system diantipyrimellane-platinum metal iodide. Gravimetric determination of platinum. Extraction separation of platinum and palladium from rhodium and iridium. A. T. Filipenko, P. P. Otkovitch. Ukr. khim. zhur. 34 no. 3:286-391 '68.

Compound is osifiers with glutathione. T. V. Zegzhala, G. D. Zegzhala, V. M. Shcheglov. Dokl. AN SSSR 179 no. 4:855-857 '68.

Coordination of $\text{Sr}(\text{II})$ compounds with amino acids. T. N. Smarokova, D. E. Surpina, I. V. Levechenko. Izv. AN Kazakh SSR, Ser. khim. 18 no. 4:26-33 Ji-Ag '68.

Electron paramagnetic resonance method of studying some Fe(III) complexes. N. S. Gail'manov. Izv. AN SSSR, Ser. khim. no. 6:1902-1903 Ag '68.

Interaction between uranyl fluoride and rubidium fluoride in aqueous solutions. R. L. Davidovich, V. I. Seroglenco, T. A. Kalacheva. Izv. AN SSSR, Ser. khim. no. 8:1076-1081 Ag '68.

Luminescent properties of frozen solutions of azomethines with intramolecular hydrogen bond. B. M. Holatov. B. M. Krasovitskii. Prom. khim. reak. i osobo chist. veshch. no. 8:121-125 '67.

Mechanism of the reaction of tertiary amines with aldehydes and chloroanalogues of carboxylic acids. S. B. Golubinskii and others. Dokl. AN SSSR 181 no. 1:111-116 Ji '68.

Methods for preparation of aqueous solutions of rhodium (III) perchlorate. O. A. Efremenko, V. I. Shchenskaya, I. P. Altman. Izv. AN SSSR, Ser. khim. no. 8:1073-1076 Ag '68.

Nature of remote delocalization of an unpaired electron in the EPR spectrum of copper compounds. V. F. Anufriev, E. G. Rukhadze, A. P. Terent'ev. Dokl. AN SSSR 178 no. 5:1073-1076 '68.

Preparation of pyridine complexes of nickel sulfate and selenate and the study of their resistance to heat. A. A. Kabanov and others. Dokl. AN SSSR 181 no. 1:107-110 '68.

Reaction of peroxide radicals of ethylbenzene with cobalt oxinate. E. M. Tochka, L. M. Poshtnikov, V. I. Shalaginova. Dokl. AN SSSR, 179 no. 0:1356-1358 Ag '68.

Stability constants of citrate complexes of rare earth elements. V. I. Spilagin and others. Dokl. AN SSSR, 179 no. 6:1348-1351 Ag '68.

Study of complex formation of halo derivative of aromatic amines with nitro compounds. Part 2: Reaction of α - and β -halo amines with dinitrobenzenes. H. V. Trogov, E. G. Polto. Zhur. ob. khim. 38 no. 3:470-473 Mr '68.

Study of molybdenum tetrachloride complexes by the extraction method. I. V. Pristavskii, L. P. Kravtsova. Ukr. khim. zhur. 34 no. 3:231-239 '68.

Study of the interaction of titanium ions with phenylthiurene by the metal-halogen method. M. I. Saitskala. Ukr. khim. zhur. 34 no. 6:630-631 '68.

Study of the oxidation reaction of resorcinol in the presence of copper. L. P. Hluchen, K. B. Mal'minskii. Izv. vys. ucheb. zav. i khim. i khim. tekhn. 11 no. 5:520-523 '68.

Synthesis and properties of potassium trimethoxy quaternary KBr(OCH₃)₃. I. G. Ryba, V. N. Plakotnik. Dokl. AN SSSR 178 no. 6:1102-1105 '68.

Synthesis of chelates of bivalent nickel, trivalent cobalt, bivalent copper with Schiff bases. V. V. Zelenin, K. M. Suvorova. Zhur. ob. khim. 38 no. 3:480-487 Mr '68.

Synthesis of some new π -complexes of quinones with rhodium. V. S. Khandakova, S. P. Gubin. Izv. AN SSSR, Ser. khim. no. 8:1098-1100 Ag '68.

Thermodynamic characteristics of complexes with charge transfer between uranine and aldehydes. G. B. Sergeev, M. A. Sergeev. Teor. i eksp. khim. 4 no. 3:405-407 My-Je '68.

X-ray spectral study of chlorine in complex compounds of Cu(II), Rh(III), Pt(IV). A. P. Sadovskii, A. V. Bolotov. Izv. SO AN SSSR no. 14, Ser. khim. nauk an. 6:57-61 Ag '67.

541.5 Valency. Affinity. Bonds

Decomposition of hydroperoxide of tertiary butyl on radicals under the effect of hydrogen ions. V. M. Solonnikov, E. T. Denisov. Izv. AN SSSR, Ser. khim. no. 6:1391-1393 Jo '68.

Effect of para-substituent in chloroacetylglutamate on its association with tertiary alcohols. V. D. Otkovitch, V. S. Kuts. Teor. i eksp. khim. 4 no. 3:347-352 My-Je '68.

Electron paramagnetic resonance method of studying reactions involving oxygen atoms in a purified flame of carbon monoxide with additions of hydrogen. V. B. Balashkin and others. Kln. i kal. 9 no. 3:670-673 My-Je '68.

Electrooptical constants of some derivatives of aminobenzene and anisotropy of polarizability of C-C bond. A. N. Vereshchagin, L. A. Grozina. Teor. i eksp. khim. 4 no. 3:361-366 My-Je '68.

Hydrogen bond and intermolecular association of methyl derivatives of 3-hydroxyisobutyrate and some model systems. V. B. Leznev and others. Teor. i eksp. khim. 4 no. 3:374-386 My-Je '68.

Hydrogenation sequence of cyclohexatriene double bonds over palladium, platinum, and rhodium catalysts. B. D. Polynikov and others. Izv. AN SSSR, Ser. khim. no. 6:1240-1245 Jo '68.

Initiating effect of copper chelate compounds in autooxidation by benzoic acid. B. V. Erofeev, T. S. Potkovich. Dokl. AN SSSR 182 no. 7:821-823 Ji '68.

Interaction of atomic oxygen generated in the gas phase with solid hydrocarbons. Part 3: Reactions of atomic oxygen with solid olefins frozen at 77°K in a propene matrix. E. E. Kasimovskaya, A. N. Ponomarev. Kln. i kal. 9 no. 3:607-609 My-Je '68.

New data on biradicals. I. D. Morozova, M. I. Matkina. Usp. khim. 37 no. 5:865-897 My '68.

Order of bonds of trans-silbene in singlet and triplet states. N. Tikhonov, G. Ravi, D. Monchev. Teor. i eksp. khim. 4 no. 3:401-403 My-Je '68.

Reactions of hydrogen atoms with solid nitro compounds at -100°K. V. B. Shalov and others. Dokl. AN SSSR 181 no. 2:316-318 Ji '68.

Role of hydrogen bonds in the mechanism of some elementary phases of reaction processes. G. I. Zankov, Z. K. Matveeva, N. M. Rymantsev. Nukleokhimiya 8 no. 2:217-221 Mr-Apr '68.

Spectral features of tetramolecular hydrogen bond in the molecules of α -oxyaldehydes. V. I. Minkin and others. Prom. khim. reak. i osobo chist. veshch. no. 8:46-54 '67.

Stable phenoxyl radicals. V. D. Pekhtol'denko, V. A. Kholynin, V. A. Rudzilia. Usp. khim. 37 no. 8:1030-1034 Je '68.

Studies in the field of chemistry of free radicals of the hydrazine series. Part 49: Color value of hydrazyl radicals. L. V. Kholivinskaya, R. O. Matevosyan, A. K. Chirkov. Zhur. ob. khim. 38 no. 3:508-511 Mr '68.

Thermodynamic characteristics of the reaction of amines with ketones and formation of gas-liquid chromatographic. H. V. Golovina, L. I. Zhelezova, H. H. Arsen'ev. Dokl. AN SSSR 181 no. 1:100-102 Ji '68.

X-ray spectra of absorption of phosphorus in organophosphorus extractions and their relation to the structure of these substances. A. V. Zhukov and others. Dokl. AN SSSR 181 no. 1:116-122 Ji '68.

541.6 Chemical structure in relation to properties

Anomalous temperature dependence of the mechanical properties of polyethylene. U. S. Lipatov, R. I. Shchepetnikov. Dokl. AN SSSR 179 no. 4:873-881 '68.

Auxochromic action of phosphazene group. Triphenylphosphazene-p-tricyanovinylarene. I. N. Zhmurova, R. I. Ilychenko. Zhur. ob. khim. 38 no. 3:613-617 Mr '68.

Azomethine bases—derivatives of intracolor aromatic amines with bridge groupings. N. F. Levchenko, L. Sh. Afanas'ev. Prom. khim. reak. i osobo chist. veshch. no. 8:110-120 '67.

Catalytic properties of polymers with ethynyl and cumulated groups in the chain. I. A. M. Pashukhin and others. Dokl. AN SSSR 180 no. 3:622-625 '68.

Chemical shift of ^{19}F N.M.R. in two AlF₃ modifications. H. V. Gagarinskii and others. Dokl. AN SSSR, 180 no. 6:1357-1359 Je '68.

Chromium oxide catalyst for ethylene polymerization. Effect of the catalyst activation conditions and chromium content on catalytic activity. H. I. Ermakov and others. Kln. i kal. 9 no. 2:152-156 Mr-Apr '68.

Complex compounds of nickel with formazans containing a carboxyl group. N. P. Hedniagha, G. M. Potova, K. V. Aghikakala. Zhur. ob. khim. 38 no. 3:520-533 Mr '68.

Conformation and anisotropy effect in the series of 2-substituted tetrahydropyrimidines. N. S. Zefirov, M. M. Shchukmin. Dokl. AN SSSR, 180 no. 6:1363-1366 Jo '68.

Degradation and inhibition of polyethylene degradation at high temperatures. I. A. M. Pashukhin, H. P. Losov. Dokl. AN SSSR 182 no. 6:622-626 Ji '68.

Determination of configuration of isomeric 3-alkyl-pyrazolidines. I. M. Skvortsov, I. V. Antipova, A. A. Ponomarev. Dokl. AN SSSR 179 no. 8:1106-1108 '68.

Determination of elementary chain growth constants in the catalytic polymerization of epoxides. K. S. Kuramali and others. Dokl. AN SSSR 181 no. 3:374-400 Ji '68.

Determination of optical anisotropy of polymer chains by means of light scattering. E. P. Plekareva, E. G. Erenburg, I. A. Poddubnyi. Dokl. AN SSSR, 180 no. 6:1305-1307 Je '68.

Diperoxide compounds with peroxide groups of different thermal resistance. S. S. Ivanchev, A. I. Prilutskii. Dokl. AN SSSR 179 no. 4:858-861 '68.

Dipole moments and infrared spectra of 4 and 4' mono-substituted chalcones. S. V. Tkachenko, I. U. Surov, V. F. Ivanchev. Zhur. ob. khim. 38 no. 3:524-529 Mr '68.

Dipole moments of phosphinic acid diethyl esters and the π -bond moment. K. S. Nigmatova, B. I. Iouin, A. A. Petrov. Zhur. ob. khim. 38 no. 3:560-564 Mr '68.

Effect of carboxylic acids on acylation of aromatic amines by organic sulfo acid halides. L. M. Litvinenko, V. A. Savolova. Zhur. ob. khim. 38 no. 4:737-747 Vp '68.

Electron paramagnetic resonance and magnetic susceptibility of cupric sulfolate adducts. E. V. Samoylov and others. Dokl. AN SSSR, 179 no. 6:1352-1354 Ag '68.

Electron paramagnetic resonance and the structure of bivalent copper benzoates. H. V. Ilychenko, V. V. Zelenin, V. N. Rymantsev. Teor. i eksp. khim. 4 no. 3:401-413 My-Je '68.

Electron paramagnetic resonance of thioacetate-thioacetate complexes of polyvinylene (IV). I. N. Murov and others. Dokl. AN SSSR 181 no. 1:111-114 Jo '68.

Electrooptical constants of some derivatives of π -aminobenzene and anisotropy of polarizability of C-C bond. A. N. Vereshchagin, L. A. Grozina. Teor. i eksp. khim. 4 no. 3:361-366 My-Je '68.

Establishment of the composition of a mixture of isomers 1-oxo-1-chloro-3-methyl-2 and 31 phospholones. B. A. Artuzov and others. Izv. AN SSSR, Ser. khim. no. 8:1892-1895 Ag '68.

Exchange interaction and structure of anhydrous substituted copper alkanolates. I. U. V. Ablokov and others. Dokl. AN SSSR 180 no. 3:559-561 '68.

Formation of isomeric compounds during halogenation of baranes and acobaranes. Report No. 1: Mono- and dihalogenation of barane and neobarane. I. I. Zakharkin, V. N. Kalinin, V. S. Lotovskaya. Izv. AN SSSR, Ser. khim. no. 8:1780-1786 Ag '68.

Hydrogen bonding in formazans. A. P. Novikova and others. Zhur. ob. khim. 38 no. 3:931-938 Ap '68.

- 541.2 (Continued)
- Ionization of functional groups of carboxyl-containing latexes. I. L. Shmarak, V. N. Gultinov, Khim. i tekhn. 27 no. 7:20 '68.
- Kinetics of particle formation in latex polymerization. V. I. Filasheva, Dokl. AN SSSR 181 no. 2:385-392 '68.
- Kinetics of the reactions of arylalkylthioethers with primary alkylamines in benzene. I. M. Litvinenko, A. P. Popov, I. I. Sorokina, Ukr. khim. zhur. 31 no. 6:554-559 '68.
- Kinetics of trioxane polymerization in the presence of added water. G. V. Rakova, V. I. Kuznetsova, N. S. Enikolopov, Dokl. AN SSSR, 180 no. 6:1402-1405 '68.
- Mechanochemical grafting of polystyrene to the surface of calcium carbonate. G. S. Blyskosh, L. P. Ivanova, A. B. Taubman, Dokl. AN SSSR 178 no. 5:1093-1102 '68.
- Mechanochemical interaction of rubbers with active fillers in processing. A. S. Kuznetsov, I. I. Luchanov, M. A. S. Rakovskii, Dokl. AN SSSR 181 no. 1:144-145 '68.
- Method of determining the position of tautomeric equilibrium from the only data on infrared and ultraviolet spectra. O. A. Eraslav, A. B. Remizov, S. N. Ignatyeva, Izv. AN SSSR Ser. khim. no. 8:1857-1888 Ag '68.
- Methoxymercuration of two isomeric 1,5,9-cyclodecatrienes. V. I. Sokolov, I. I. Trolakova, O. A. Reutov, Izv. AN SSSR Ser. khim. no. 8:1913-1914 Ag '68.
- New method of initiation of telomerization reaction of ethylene with halomethanes. M. A. Reshtovskiy, V. V. Kharlamov, N. F. Kenov, Izv. AN SSSR Ser. khim. no. 8:1768-1772 Ag '68.
- Nuclear magnetic resonance study of the kinetics of hydrogen exchange in polyvinylbenzoic acid. A. I. Bradskii, B. A. Geller, V. I. Oshakov, Teor. i ekspl. khim. 4 no. 3:322-331 May '68.
- Nuclear magnetic resonance study of the kinetics of proton exchange in the tautomeric system p-nitrosophenylguanidine nitroxide. B. A. Geller, I. K. Skurits, Teor. i ekspl. khim. 4 no. 3:332-338 May '68.
- Organophosphorus polymers. Report No. 3. Copolymerization of tolyl and p-chlorophenylchlorophosphine with divinyl. N. D. Kuzakova, S. R. Rafikov, G. A. D'yachkov, Izv. AN Kazakh SSR Ser. khim. 18 no. 4:54-57 May '68.
- Oxidizing influence of the aqueous phase on the structure of emulsion polymer containing polar groups. V. I. Silasova and others, Dokl. AN SSSR 179 no. 4:608-610 '68.
- PMR spectrum of β -chlorovinyl derivatives of mercury and properties of cis- β -chlorovinylmercury chloride. A. N. Moiseyev and others, Dokl. AN SSSR 178 no. 5:1094-1098 '68.
- Phenyl formaldehyde resins of an ortho-regular structure. V. A. Strupinskii, Khim. i tekhn. 3:24-25 '68.
- Polymerization of maleic anhydride. Properties and structure formation of polyimide acid and the salts. Zh. G. Zaitseva, S. A. Mikhlin, V. A. Kargin, Dokl. AN SSSR 181 no. 1:607-609 May '68.
- Polymerization of propylene sulfide under the effect of boron fluoride etherate. L. A. Korotkova and others, Dokl. AN SSSR 178 no. 5:1084-1088 '68.
- Polymerization of some cyclic sulfides initiated by donor-acceptor interaction. T. A. Silinova and others, Dokl. AN SSSR 181 no. 2:401-404 May '68.
- Polymerization of styrene in the presence of mixtures of ionic and nonionic emulsifiers as depending on volume properties of their solutions. A. V. Zolov and others, Dokl. AN SSSR, 179 no. 6:1377-1380 Ag '68.
- Polymerization of the esters of aliphatic series of tunicic acid. M. A. Askarov, M. A. Shirzadilova, L. N. Semenov, Uzb. khim. zhur. 12 no. 2:58-60 '68.
- Porous organophosphorus cation exchangers. Correlation between sorption properties and density of cation exchangers. I. N. Gribanova, I. D. Khofkina, A. V. Nikolov, Dokl. AN SSSR, 179 no. 6:1338-1339 Ag '68.
- Pyridinium salts of arylaminoanthraquinones as dyes for cellulose fibers. B. A. Petrova, A. A. Ivanova, V. F. Borodkin, Izv. vys. ucheb. zav.; khim. i tekhn. 11 no. 5:591-593 '68.
- Rate of aromatic amine acylation by arylalkylhalides in dioxane. L. M. Litvinenko, S. A. Savolova, Zhur. ob. khim. 38 no. 4:747-756 Ag '68.
- Reaction of aldehydes with olefins. Part 4: Study of reaction mechanism. I. U. Smushkevich, M. G. Makarov, B. V. Kisev, Zhur. ob. khim. 4 no. 3:394-397 May '68.
- Reaction of aromatic nitro compounds. Part 30: Reaction of symmetrical trinitrobenzene and its derivatives with acetone in the presence of a large excess of alkaline agents. A. I. Kaminskii, S. S. Gitis, Zhur. ob. khim. 4 no. 3:504-508 May '68.
- Reaction of hydrogen with carbon monoxide adsorbed on platinum and rhodium. N. N. Kartavtseva, K. P. Sokolova, Dokl. AN SSSR 181 no. 1:141-143 May '68.
- Reaction of the chain transfer with termination during radical polymerization. G. V. Lephant, G. P. Gindyshev, Izv. AN Kazakh SSR Ser. khim. 18 no. 4:82-85 May '68.
- Reason for stereoselectivity of Wittig reaction with nonstabilized and partially stabilized phosphor ylides. I. D. Hargalov, L. I. Burakov, M. M. Shmelkin, Zhur. ob. khim. 38 no. 4:846-850 Ag '68.
- Rectification of alcohols and polymers in the partial fusion of polymers of spirulic structure. B. M. Teitelbaum, Dokl. AN SSSR 181 no. 2:368-371 May '68.
- Reaction of a phosphorus atom and C-aryl - PMB bond in esters of aryl-, arylalkyl-, and diarylphosphonic acids. F. M. Kharrasova, G. M. Kamal, Zhur. ob. khim. 38 no. 3:817-821 May '68.
- Relative activities of polydiethylethyleneacetalacetate, styrene, and methylmethacrylate in copolymerization. R. S. Morkina and others, Izv. vys. ucheb. zav.; khim. i tekhn. 11 no. 5:588-590 '68.
- Resins of highly regular structure: stereospecific polymerization of conjugate diolefins. G. Nalla, L. Porri, Priroda no. 4:38-47 Ag '68.
- Spectra regularities in the infrared and electronic spectra of azides of aromatic sulfonic acids. V. A. Golperin, G. P. Balabanov, Zhur. ob. khim. 38 no. 4:926-929 Ag '68.
- Stereoelectrochemistry and kinetics of cycle extension in space isomers of ethylbicyclo [3, 3, 0] octane and ethylbicyclo [2, 2, 1] heptane. N. S. Vorobeva, A. A. Petrov, Neftokhimiya 8 no. 2:185-191 May '68.
- Stereoelectrochemistry and kinetics of cycle extension in trisubstituted cyclopentanes. O. C. Morozova, A. A. Petrov, Neftokhimiya 8 no. 2:177-184 May '68.
- Stereoelectrochemistry of oxymercuration of dibenzocycloocta-1,2,2,2-tetraene. V. I. Sokolov, Izv. AN SSSR Ser. khim. no. 6:1285-1288 '68.
- Steric factors in the production of isopropylphenylamine and its oxidation. M. I. Farberov and others, Dokl. AN SSSR, 170 no. 6:1350-1361 Apr '68.
- Structure and luminescence of organic compounds. B. M. Krasovitskii, Prom. khim. reak. i osobo chist. veshch. no. 8:2-25 '67.
- Structure and optical properties of substituted 1,9-anthracenediols. M. V. Kazakov, I. M. Vinetskii, Prom. khim. reak. i osobo chist. veshch. no. 8:32-36 '67.
- Structure and radiation resistance of some luminophores used in scintillation materials. I. L. Nagornaja, O. A. Gunder, V. S. Koba, Prom. khim. reak. i osobo chist. veshch. no. 8:26-31 '67.
- Structure of olefins and the rate of their hydrogenation in the presence of a ruthenium catalyst. R. F. Litvin, I. K. Freidlin, S. K. Tikhonov, Izv. AN SSSR Ser. khim. no. 6:1229-1233 May '68.
- Structure of the anils of 2-oxophenylaldehyde. V. I. Minkin, O. A. Osipov, V. N. Shneider, Prom. khim. reak. i osobo chist. veshch. no. 8:37-45 '67.
- Structure of the products of radical propylene telomerization by carbon tetrachloride. B. A. Engin and others, Izv. AN SSSR Ser. khim. no. 6:1251-1261 '68.
- Structure of triphosphine based on D-norallyl. G. V. Voskresenskaya and others, Izv. AN SSSR Ser. khim. no. 6:1171-1176 '68.
- Study of acid aluminum fluorides by means of N. M. R. I. V. Tashakov and others, Dokl. AN SSSR 179 no. 2:362-365 '68.
- Study of europium complexes with some β -diketones. V. A. Tondina and others, Prom. khim. reak. i osobo chist. veshch. no. 8:130-131 '67.
- Study of tautomeric equilibrium in some benzene azomphines. I. A. Gribkov, I. M. Nedkov, A. V. Kisev, Teor. i ekspl. khim. 4 no. 3:316-321 May '68.
- Study of the structure and reactivity of carbonyl compound derivatives containing nitrogen. Part 26: Electrochemical reduction of arylthioazones, of benzaldehydes, I. U. P. Kisev, I. M. Skrebova, Zhur. ob. khim. 38 no. 5:509-513 May '68.
- Study of the synthesis of benzodioxane derivatives. Part 3: Some amides and amines of the benzodioxane series as possible microcyclic substances. A. I. Mikhlin and others, Arm. khim. zhur. 21 no. 6:508-514 '68.
- Supramolecular structures in cross-linked polyurethanes. T. E. Ignatova, V. K. Ivashchenko, L. D. Bezruk, Dokl. AN SSSR 170 no. 5:110-1118 '68.
- Synthesis and optical properties of 1-phenyl-4,2-pyrazolines containing heterocyclic radicals in 3- and 5-substitutions. V. F. Lavrovskii and others, Prom. khim. reak. i osobo chist. veshch. no. 8:77-89 '67.
- Synthesis and study of cytototoxic properties of bis-(2-chlorovinyl) amine and N, N-bis-(2-chlorovinyl) hydrazine derivatives of urea. P. U. Kabanov and others, Khim. i tekhn. 3 no. 2:18-18 '68.
- Synthesis and study of polymerization of divinylhexane oligomers and their polymerization with isoprene. V. A. Andrianov, L. A. Gavrilova, E. F. Rodionova, Izv. AN SSSR Ser. khim. no. 8:1788-1791 Ag '68.
- Synthesis of aromatic polyamides of a single-atom high-temperature polycondensation in a solution. V. V. Korshak and others, Izv. AN SSSR Ser. khim. no. 6:1405-1407 '68.
- Synthesis of higher vinyl acetate copolymers. M. F. Shostakovskii and others, Izv. AN SSSR Ser. khim. no. 8:1014-1016 Ag '68.
- Synthesis of pyrazolecarboxylic acid polyimides. V. V. Korshak and others, Izv. AN SSSR Ser. khim. no. 8:1900-1902 Ag '68.
- Synthesis of water soluble thermosetting acrylic copolymers. G. F. Filippov, I. U. P. Kabanov, Izv. vys. ucheb. zav.; khim. i tekhn. 11 no. 4:469-473 '68.
- Temperature coefficient of partial specific volume and the conformation of polymer molecules. V. E. Eskin, I. U. Serdikov, Dokl.

- Dehydrogenation of ferrocene and synthesis of arylferrocenylmethanes.** V. D. Turiin and others. *Izv. AN SSSR, Ser. khim.* no. 8:1868-1869 Ag '68.
- Case of chlorine addition to phenol ether.** M. T. Shchegoleva and others. *Izv. AN SSSR, Ser. khim.* no. 6:1358-1360 Je '68.
- Catalytic dehydrogenation of isopentane in flow and closed systems.** V. N. Medvedev, G. I. Stertsov, I. V. AN SSSR, Ser. khim. no. 6:1158-1160 Je '68.
- Catalytic properties of cerium.** L. I. Piguzova and others. *Dokl. AN SSSR* 179 no. 2:395-398 '68.
- Catalytic properties of polymers with ethynyl and cumulated groups in the chain.** I. A. M. Pashukin and others. *Dokl. AN SSSR* 180 no. 3:622-625 '68.
- Coextraction and suppression of extraction of complex metal acids.** I. U. A. Zolotov. *Dokl. AN SSSR* 180 no. 6:1367-1369 Je '68.
- Comparative analysis of the formulas for determining the volume of yarn on a cop.** V. A. Zarulim. *Tekst. prom.* 25 no. 5:70-71 Mr '68.
- Comparative characteristics of the extraction capacity of di-n-octylsulfide, di-n-octylsulfonate and di-n-octylsulfate in relation to the III, Ag (III), Ag, Al (III), Pt (IV), Cu (IV) from nitric and hydrochloric acid solutions.** A. V. Nisenzon and others. *Izv. SO AN SSSR* no. 14, Ser. khim. nauk no. 6:120-122 Ag '67.
- Comparative study of some new synthetic emulsifiers for the preparation of emulsions in drugstores.** I. A. Vashagina and others. *Farmatsiya* zhurn. 21 no. 1:60-62 '68.
- Composition and structure of emulsions obtained from surfactants.** Part 2: Dehydration of surfactant aldehydes. V. F. Sklyarova, L. I. Kabanov, S. O. Kostova. *Zhur. ob. khim.* 36 no. 3:760-770 Ap '68.
- Complexes of impurities in tetraethyltin obtained according to the Grignard reaction.** V. A. Gritsin, I. U. A. Zolotov. *Izv. AN SSSR, Ser. khim.* no. 6:1400-1412 Je '68.
- Conformational difference and catalytic activity of trimethylsilyl oxalic catalysts in the oxidation of methyl acetate.** B. I. Popov and others. *Kin. i kat.* 9 no. 2:274-281 Mr-Apr '68.
- Continuous recorder of the magnetic susceptibility of catalysts.** D. N. Tikhonnikov, T. S. E. Papper, N. M. Kolesovskii. *Kin. i kat.* 9 no. 3:717-719 Mr-Je '68.
- Conversions of α -methylstyrene by reaction with water vapor on a nickel catalyst.** O. L. Rabinovich and others. *Kin. i kat.* 9 no. 2:438-440 Mr-Apr '68.
- Conversions of 2, 4- and 2, 6-di-tert-butylphenols in the presence of sulfuric acid.** A. B. Vol'pitskii and others. *Netekhnika* 8 no. 2:247-257 Mr-Apr '68.
- Copolymerization of trifluoropropylene oxide with propylene oxide, epichlorohydrin, allylalkyl ether and tetrahydrofuran in the presence of FeCl_3 .** V. A. Ponomareva, A. M. Zhuravskii, N. A. Zadorozhnyi. *Izv. AN SSSR, Ser. khim.* no. 8:1847-1851 Ag '68.
- Cyclization of isoprenoid compounds.** Report No. 21: Cyclization of isoprenoid compounds under the action of catalytic initiators. M. Z. Krut'ko and others. *Izv. AN SSSR, Ser. khim.* no. 6:1152-1157 Je '68.
- Decomposition of hydroperoxide of tertiary butyl on palladium under the effect of hydrogen ions.** V. M. Solov'nikov, M. T. Dotsaev. *Izv. AN SSSR, Ser. khim.* no. 3:1391-1393 Je '68.
- Dehydrocyclization of 2-n-butylmaleimide on an aluminum-platinum catalyst.** L. A. Ershanskii and others. *Netekhnika* 8 no. 2:162-167 Mr-Apr '68.
- Dehydrogenation of isopentane on aluminum-chromium-iron catalysts.** O. D. Stertsov, V. N. Medvedev, T. S. Papisov. *Netekhnika* 8 no. 2:166-173 Mr-Apr '68.
- Derivatives of 2-mercapto-6-methyluracil.** Report No. 2: Reaction of sodium salts of 2-mercapto-6-methyluracil and of some 2-mercaptopteridines with chloroform. N. G. Pashkurov, V. S. Rezak. *Izv. AN SSSR, Ser. khim.* no. 8:1841-1846 Ag '68.
- Derivatives of 6, 3-oxaphosphorinane [3, 1, 0] isoxane.** I. A. Arifov and others. *Izv. AN SSSR, Ser. khim.* no. 6:1313-1319 Je '68.
- Deformation of elementary chain growth constants in the catalytic polymerization of epoxides.** K. S. Kazanskii and others. *Dokl. AN SSSR* 181 no. 2:307-310 Ji '68.
- Determination of the ionic nature of antielectrolytic antibiotics of Actinomycetes origin by means of ion exchange resins.** D. E. Dykhtovskaya, L. I. Seripka. *Antibiotiki* 13 no. 6:791-795 S '68.
- Device for bacteriological studies.** N. Stichev, M. Mitov. *Khim. i farm. zhur.* 2 no. 3:30-33 Mr '68.
- Device for precise evaluation of rubber hardness under minor stress.** G. A. Patrikov and others. *Kauch. i rez.* 27 no. 7:62-53 '68.
- Diffusibility of silver into iron in the presence of small additions of palladium or copper.** V. I. Arkharov, N. D. Baksheva. *Uch. zap. UrGU* no. 30:11-21 '66.
- Dissolution of metals in inorganic acids by means of ultrasound.** V. G. Lavrent'ova, D. A. Pakhomov. *Proiz. khim. reaz.* 1: 60-61, 62, 63, 64, 65, 66, 67.
- Effect of certain additions on the polymerization rate of vinyl acetate in emulsion with air admission, polymerization being initiated by the system peroxysulfate-tetramethylamine.** O. A. Chaitkyan and others. *Dokl. AN SSSR* 180 no. 4:162-165 '67.
- Effect of organic impurities on the process of crystallization of ammonium sulfate.** M. V. Marandize and others. *Soob. AN Gruz. SSR* 47 no. 3:581-584 '67.
- Effect of oxygen and water on the kinetics of methylcyclopentane hydrogenolysis over an aluminum-platinum catalyst.** V. V. Voronin, Kh. M. Mtnachev, I. I. Levitskii. *Izv. AN SSSR, Ser. khim.* no. 6:1763-1769 Ag '68.
- Effect of peroxo acids on polycarbonyl compounds.** A. A. Akhrem, A. A. Motseenkova, V. A. Krivovukhina. *Izv. AN SSSR, Ser. khim.* no. 6:1348-1348 Je '68.
- Effect of the polarity of the medium on oxidation rate of unsaturated compounds.** G. E. Zaikov and others. *Izv. AN SSSR, Ser. khim.* no. 8:1743-1748 Ag '68.
- Effect of the polarity of the medium on the efficiency of inhibitors in oxidation processes.** I. M. Andrusov and others. *Izv. AN SSSR, Ser. khim.* no. 8:1748-1752 Ag '68.
- Effect of the preparation technique on the porous structure and stability of catalysts and supports.** Part 2: Dispersed silica gels. V. A. Zis'ko and others. *Kin. i kat.* 9 no. 3:668-675 Mr-Je '68.
- Effect of the surface active cations on the catalytic activity and selectivity of Pt black.** F. M. Tokibaeva, G. D. Zakunhaeva, D. V. Sokol'skii. *Kin. i kat.* 9 no. 3:680-692 Mr-Je '68.
- Electrochemical combination method for determination of rhodium in the presence of copper and lead.** N. G. Van Ngak, P. N. Kovalevskii, M. A. Lektorskaya. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4:382-394 '68.
- Esters of trivalent phosphorus thioacids.** Report No. 8: O-Alkyl-S, S-dialkyl dithiophosphates. D. M. Mikhlin, N. I. Ryzhkovskii, V. D. Akmanin. *Izv. AN SSSR, Ser. khim.* no. 8:1192-1197 Ag '68.
- Experimental study of carbinol, glycolides, carbamate, P and cyanuric acid.** S. M. Kh. Farmanov, Zhur. 23 no. 1:65-69 '68.
- Extraction of pentavalent antimony by alkylphosphoric acids.** I. S. Levin, A. A. Shal'ova, I. A. Voronina. *Izv. SO AN SSSR* no. 14, Ser. khim. nauk no. 6:89-97 Ag '67.
- Fluorination of 1-halobutylpropenes and some properties of 1-fluoro-2, 3, 3-trimethylpropene.** L. T. Eremenko, P. A. Natsionalin, G. N. Nesterenko. *Izv. AN SSSR, Ser. khim.* no. 6:1402-1403 Je '68.
- Fluorination of 1, 1, 1-trifluoropropyl-3-n-octylcarbamate.** L. T. Eremenko, P. A. Natsionalin, G. N. Nesterenko. *Izv. AN SSSR, Ser. khim.* no. 6:1369-1371 Je '68.
- Form stability in aqueous solutions of surface active agents and structural-mechanical properties of their surface layers.** D. G. Tarakanov and others. *Kin. i kat.* 20 no. 6:851-856 N-D '67.
- Formation of isomeric compounds during halogenation of benzene and naphthalene.** Report No. 1: Mono- and dihalogenation of benzene and naphthalene. L. I. Zakhar'kin, V. N. Kalinin, V. S. Lazovskaya. *Izv. AN SSSR, Ser. khim.* no. 8:1780-1786 Ag '68.
- Furfurylidene and benzoylidene p-aminophenols and some of their ethers.** K. D. Petrov, Z. B. Efendiev. *Zhur. org. khim.* 4 no. 3:529-531 Mr '68.
- Gas hydrates.** S. Sh. Fyik, V. I. Fomin. *Usp. khim.* 37 no. 6:1897-1135 Je '68.
- Gas-phase oxidation of hydrogen iodide in reactions of the oxidative dehydrogenation of butane into butadiene, 1, 1, 1, 1-tetrafluoroethane, and others.** *Netekhnika* 8 no. 2:243-244 Mr-Apr '68.
- General regularities of ion exchange and the methods of its utilization.** L. N. Gladia. *Izv. SO AN SSSR* no. 14, Ser. khim. nauk no. 6:30-42 Ag '67.
- Higher activity of the process of catalytic dehydrogenation of n-hexane.** O. D. Konov'chikov, P. N. Golitsyn, L. A. Timofeev. *Kin. i kat.* 9 no. 2:443-444 Mr-Apr '68.
- Hydration of secondary-tertiary δ -glycols of the acetylene series.** G. G. Chichkareva and others. *Izv. AN SSSR, Ser. khim.* no. 6:1413-1415 Je '68.
- Hydrocracking on α -naphthalene on a nickel-aluminosulfate catalyst.** I. L. Iemalov, A. M. Okroshchov. *Kin. i kat.* 9 no. 2:432-435 Mr-Apr '68.
- Hydrogenation and isomerization of 2-methylmaleimide on nickel-aluminosulfate catalysts.** E. I. Doroshko, R. I. Zaslavov. *Netekhnika* 8 no. 2:162-165 Mr-Apr '68.
- Hydrogenation of 1-heptano on skeletal nickel catalyst with the addition of some metals.** A. B. Pashman, B. K. Almashev. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4:408-415 '68.
- Hydrogenation sequence of cycloolefins double bonds over palladium, platinum, and rhodium catalysts.** B. O. Polkovnikov and others. *Izv. AN SSSR, Ser. khim.* no. 6:1240-1245 Je '68.
- Hydrogenolysis of methylcyclopentane and ethylbenzene over a chromium oxide-active carbon catalyst.** I. I. Levitskii and others. *Izv. AN SSSR, Ser. khim.* no. 8:1769-1774 Ag '68.
- Hydrolytic stability of some acrylic and α -substituted acrylic derivatives of triphenylphosphineoxide.** V. E. Bel'skii and others. *Izv. AN SSSR, Ser. khim.* no. 8:1732-1735 Ag '68.
- Indole derivatives.** Report No. 43: 2-chloroacetylamin-4-imidazole-3-ylidene and some of its derivatives. I. U. A. Zolotov, T. S. M. Batsova, N. N. Savorov. *Khim. i farm. zhur.* 2 no. 2:29-31 F '68.
- Indole derivatives.** Report No. 44: Preparative synthesis of indole from indole. N. N. Batsova, N. N. Savorov. *Khim. i farm. zhur.* 2 no. 2:27-29 F '68.
- Interaction of luteinophthal with loline in the presence of iron pentacarbonyl.** I. I. Kandrov, R. G. Petrova, R. Kh. Froldina. *Izv. AN SSSR, Ser. khim.* no. 6:1373-1375 Je '68.
- Interaction of some chlorohydrins with urea.** V. S. Reznik, N. G. Pashkurov. *Izv. AN SSSR, Ser. khim.* no. 6:1327-1328 Je '68.
- Interaction of tetrafluorodihydrobenzene with steric and pentafluorostyrene.** N. N. Povolotskaya, V. A. Barakshin. *Izv. AN SSSR, Ser. khim.* no. 6:1387-1389 Je '68.
- Interaction of 2-bromo-1-keto-1, 2, 3, 4-tetrahydrophthalene with pteridine.** L. B. Volodarskii, L. S. Borman, V. A. Koptug. *Izv. SO AN SSSR* no. 14, Ser. khim. nauk no. 6:109-112 Ag '67.
- Interaction of 2, 2-dimethylthioformaldehyde with ethylmethylol of dialkylphosphorus acids.** I. A. Nuretdinov, N. P. Grechko. *Izv. AN SSSR, Ser. khim.* no. 6:1303-1306 Je '68.
- Isomerization of lutein in the process of 2-lutanol dehydrogenation on N- and V-type zeolites.** Z. V. Gritskova and others. *Izv. AN SSSR, Ser. khim.* no. 6:1231-1234 Je '68.
- Kobak, J. A. M.** [Laboratory manual of endocrinology. Basic methods of experimental endocrinological studies] *Praktikum po endokrinologii. Osnovnye metody eksperimentirovaniya. Testirovaniya. Izd. 2-ye, dop. Moskva, Izd. Minsk. un-ta.* 1968, 275 p.
- Kinetics and microkinetics of iron-carbide hydrogenation.** V. A. Il'vovskii and others. *Kin. i kat.* 9 no. 2:452-457 Mr-Apr '68.
- Kinetics and microkinetics of the oxidation of aliphatic alcohols in the presence of stirred iron catalysts.** G. A. Kliger and others. *Netekhnika* 8 no. 2:263-268 Mr-Apr '68.
- Kinetics and mechanism of nitrite oxidation by permanganate.** K. T. Il'vovskii, A. N. Brikharina. *Kin. i kat.* 9 no. 2:427-429 Mr-Apr '68.
- Kinetics and mechanism of the oxidative dehydrogenation of n-butylenes into butynyl in mixed oxide catalysts.** Part I: Catalytic properties of the system $\text{MoO}_3 - \text{Bi}_2\text{O}_3$ and kinetic regularities of oxidative dehydrogenation of n-butylenes into butynyl. A. N. Mal'lin, I. M. Baksheva, A. I. Gol'tshteyn. *Kin. i kat.* 9 no. 3:565-591 Mr-Je '68.
- Kinetics of oxidized decomposition of phthalocyanines in the reaction with hydrogen peroxide.** B. D. Berestin, G. V. Senikina. *Kin. i kat.* 9 no. 3:520-534 Mr-Je '68.
- Kinetics of the thermal chlorination of vinyl chloride.** A. I. Subbotin, V. S. Ellis, V. N. Antonov. *Kin. i kat.* 9 no. 3:400-405 Mr-Je '68.
- Laboratory test-tube centrifuge with a prolonged cycle of duty.** Z. B. Krut'ko, I. V. Danilov. *Khim. i farm. zhur.* 2 no. 3:34-38 Mr '68.
- Liquid-phase oxidation of tetralin with atmospheric oxygen at high temperatures.** I. E. Stralov and others. *Netekhnika* 8 no. 2:222-226 Mr-Apr '68.
- Metallochemical model of the extraction of rhodium and lanthanum by alcohols.** I. U. A. Zolotov and others. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 5:546-550 '68.
- Measurement of the diffusion coefficient of macromolecules on microwaves.** N. V. Sedykh. *Zhur. fiz. khim.* 40 no. 12:3082-3083 D '67.
- Mechanism and kinetics of palladium reduction from chlorite solution by carbon monoxide.** V. K. I. Spitsyn, I. V. Znamenskii, I. V. Pecherov. *Dokl. AN SSSR* 181 no. 3:617-618 Ji '68.
- Mechanism of acid hydrolysis of vinyl esters.** L. F. Kozlov, O. I. Kozlov. *Uch. zap. UrGU* 34 no. 3:495-497 '68.
- Mechanism of formation of enolone aldehyde, furan, and tetrahydrofuran in the catalytic dehydrogenation of 2-butanone-1, 4-diol.** V. Z. Sharif, I. Kh. Froldina, A. A. Nesterenko. *Netekhnika* 8 no. 2:258-262 Mr-Apr '68.
- Mechanism of oxidation of formaldehyde by perbenzoate.** K. B. Iakubovskii, A. N. Budimirov. *Izv. khim. zhur.* 34 no. 5:425-428 '68.
- Method of the synthesis of allylacyclobutanes.** E. D. Rubchik and others. *Izv. AN SSSR, Ser. khim.* no. 6:1389-1391 Je '68.
- Methods of the preparation of alkyl esters of oxalic acid.** P. P. Rodionov, V. M. Nakhanchina, A. P. Iarkova. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 5:615-616 '68.
- Methoxymercuration of two isomeric 1, 5, 9-cyclododecatrienes.** V. I. Sokolov, L. L. Troitskaya, O. A. Reutov. *Izv. AN SSSR, Ser. khim.* no. 8:1013-1014 Ag '68.
- Monoacetaldehydes.** Report No. 10: Interaction of methoxy-methylurea with phenylacetaldehyde with 2, 3, 4, 5-tetrahydro-2H-pyran-2-one, B. A. Umil'ov, N. N. Aseava, N. K. Kozlovskii. *Izv. AN SSSR, Ser. khim.* no. 6:1342-1345 Je '68.
- Nature of the catalytic activity of aluminum hydroxide-fluorides and fluorinated aluminum oxide.** T. V. Artyukhin, O. V. Bulgakova. *Dokl. AN SSSR* 170 no. 4:846-848 '68.
- New five-membered cyclic compounds containing nitrogen and phosphorus.** V. K. Khatulin, R. M. Kondratova, A. N. Purovskii. *Izv. AN SSSR, Ser. khim.* no. 6:1375-1378 Ji '68.
- New functionally substituted vinyl ethers and sulfides on the basis of sulfur analogs of glycols.** M. F. Shostakovskii and others. *Izv. AN SSSR, Ser. khim.* no. 8:1852-1859 Ag '68.
- New method of synthesizing N-alkylpyrroles based on 1, 4-dibromo-1, 2-butadiene and products of its amination.** E. S. Voskanyan, M. V. Mavrov, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no. 8:1838-1840 Ag '68.
- New reaction of phenylation of benzophenone by phenyltrimethoxysilane.** A. A. Zhdanov, K. A. Andrianov, T. V. Nesterova. *Izv. AN SSSR, Ser. khim.* no. 8:1890-1892 Ag '68.
- New type of isomeric transformations in the series of cyclopentadiene derivatives.** V. A. Mironov, A. P. Ivanov, A. A. Akhrem. *Izv. AN SSSR, Ser. khim.* no. 8:1896-1898 Ag '68.
- Nucleophilic halogen exchange in the phenyl nucleus as a method of synthesizing arylidimethylferrocenylsilanes and arylferrocenylmethanes.** V. D. Turiin, N. S. Kamekchi, S. P. Gubin. *Izv. AN SSSR, Ser. khim.* no. 8:1868-1870 Ag '68.
- Obtaining acetaldehyde and n-butyraldehyde by conjugated hydrogenation of crotonic aldehydes with ethanol.** I. U. A. Zolotov, V. I. Glazunova. *Netekhnika* 8 no. 2:263-268 Mr-Apr '68.
- Obtaining of chlorophyllins.** A. A. Syvachuk and others. *Farmatsiya* zhurn. 23 no. 1:8-10 '68.
- Organoboron compounds.** Report No. 183: Effect of the nature of alkyl radicals on the tendency of dialkylmercaptoethanes to disproportionate. T. A. Shchegoleva and others. *Izv. AN SSSR, Ser. khim.* no. 8:1308-1313 Je '68.

- Oxidation of carbon monoxide on nickel and barium titanates. A. L. Mikhailova and others. *Kin. i kat.* 9 no. 3: 565-570 My-Je '68.
- Oxidation of formaldehyde by atmospheric oxygen on an iron-molybdenum oxide catalyst. V. V. Duda, D. I. Popov. *Kin. i kat.* 9 no. 3: 618-622 My-Je '68.
- Oxidation of methyl ethyl ketone in acetic acid solution. G. E. Zalkov. *Kin. i kat.* 9 no. 3: 511-515 My-Je '68.
- Oxidation of pentenes on a copper catalyst. Part 4: Oxidation of isopentenes on Cu₂O. I. B. Gurevskii, E. V. Rozhkova, A. I. Piletskii. *Kin. i kat.* 9 no. 2: 133-137 Mr-Apr '68.
- Oxidative dehydrogenation of butenes into 1,3-butadiene on a mixed metal catalyst at lowered temperatures. V. V. Gerasimov and others. *Neftokhimiya* 6 no. 2: 174-178 Mr-Apr '68.
- Precipitation of ethylenedichloride from alkylaluminum compounds. A. V. Lavrovskii, L. P. Grechkin. *Izv. AN SSSR Ser. khim.* no. 8: 1256-1260 Je '68.
- Phenyl-gem-dichloroacrylate ester as a reagent of electrophilic substitution. A. A. Belitskii and others. *Izv. AN SSSR Ser. khim.* no. 8: 1856-1859 Ag '68.
- Physical chemistry of impact compression. S. S. Natsarov. *Izv. SO AN SSSR no. 14. Ser. khim. nauk* no. 6: 22-35 Ag '67.
- Properties and properties of 3-methyl-3-propylthioacetate. M. G. Lit'kova, L. I. Kuznetsova. *Izv. AN SSSR Ser. khim.* no. 8: 1889-1890 Ag '68.
- Preparation of thiolic acid. M. G. Lit'kova, L. I. Kuznetsova, I. I. Piontinskii. *Izv. AN SSSR Ser. khim.* no. 8: 1885-1887 Ag '68.
- Processing of sparingly soluble compounds by use of ion exchangers. V. I. Bogalyev, A. I. Vukich, *Prom. khim. reaktiv. i ust. veshch.* no. 10: 62-72 '67.
- Production of polyamides based on diphtalimides. M. A. Abishev, V. A. Guseinova, T. V. Serebrennaya. *Izv. AN SSSR Ser. khim.* no. 8: 1880-1882 Ag '68.
- Products of hydrolysis of 3-oxo-3-phenylpropylmethylthioacetate and synthesis of some diacylhydrazide derivatives of 3-oxo-3-phenylpropylmethylthioacetate. L. I. Pilych, *Khimiya, zhur.* 23 no. 1: 4-11 Je '68.
- Quantitative determination of aluminum compounds in summary preparations. N. V. Kuznetsova, V. A. Piontinskii, V. I. Guseinova. *Antibiotiki* 13 no. 9: 785-787 Je '68.
- Ratio between anhydrous bright line modification and copper formate tetrahydrate. D. V. Emel' and others. *Dokl. AN SSSR* 12 no. 6: 530-533 Je '68.
- Reaction between 1,3-dioxolanes and Norman's reagent. M. F. Shostakovskii and others. *Izv. AN SSSR Ser. khim.* no. 8: 1934-1936 Ag '68.
- Reaction of acetyl bromide with phenyl di-n-alkylarsine sulfides. G. M. Ushakov, G. M. Kuznetsov. *Izv. AN SSSR Ser. khim.* no. 8: 1878-1880 Ag '68.
- Reaction of 3-oxo-3-phenylpropylmethylthioacetate with phenylhydrazine. V. N. Kuznetsova and others. *Dokl. AN SSSR* 170 no. 4: 875-878 Je '68.
- Reaction of Pd(II) with tetra-n-propylphosphazene disulfide. L. A. Lit'kova, S. V. Larionov. *Izv. AN SSSR Ser. khim.* no. 8: 1895-1896 Ag '68.
- Reaction of potassium superoxide with hydrogen sulfide. T. P. Firsova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1884-1886 Ag '68.
- Reaction of tetraethers with sulfur. I. A. Pogodina and others. *Dokl. AN SSSR* 181 no. 2: 340-351 Je '68.
- Reactions of ethylene glycol and alkylalcohols with nitrites and amides of phosphorus acid. N. P. Grechkin, I. B. Shugulovskii, G. S. Guseinova. *Izv. AN SSSR Ser. khim.* no. 8: 1797-1802 Ag '68.
- Reducing chlorination of calcium vanadate. I. A. Glukhov, A. Turanov. *Dokl. AN SSSR* 11 no. 2: 40-43 '68.
- Reducing power of aldose. M. N. Tul'chinskii. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 6: 556-559 '68.
- Reduction of copper, lead, and zinc oxides by methanol. D. M. Chizhikov, I. U. Kusnev, I. V. Tsvetkov. *Dokl. AN SSSR* 180 no. 6: 1422-1423 Je '68.
- Reduction of organochlorine compounds by the hydrogen donor-acceptor element compound systems. R. I. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 6: 1319-1326 Je '68.
- Reduction of μ -quinones on skeletal nickel molybdenum catalysts. A. B. Fisman, T. Koltov, M. I. Mollukova. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 5: 542-545 '68.
- Regulation of structural-mechanical properties of dispersions of a monofunctional-amine-amine mixture. N. N. Kravtchuk and others. *Kin. i kat.* 9 no. 3: 534-538 Je '68.
- Role of hydrogen bonds in the mechanism of some elementary phases of oxidation processes. G. E. Zalkov, Z. K. Muzina, N. M. Tsvetkov. *Neftokhimiya* 6 no. 2: 217-223 Mr-Apr '68.
- Role of the structure of aromatic amines in the mechanism of their inhibiting effect in mixtures involving substituted phenols. G. V. Karpukhin, Z. K. Muzina, M. A. Meskina. *Kin. i kat.* 9 no. 2: 245-249 Mr-Apr '68.
- Silica processes in the restoration of ethyl ester on a nitrobenzoic acid. G. F. Gavrilin and others. *Khim. i farm. zhur.* 2 no. 2: 36-37 Je '68.
- Single step dehydration of butane mixed with a hydrogen-acceptor on a chromium-aluminum catalyst. O. K. Khabibulaeva, K. I. Lit'kova, A. L. Kuznetsov. *Izv. AN SSSR Ser. khim.* no. 9: 1277-1280 Je '68.
- Some physicochemical constants of wood resin oils. A. N. Bagayev, G. I. Lit'kova, *Khimiya, zhur.* 23 no. 3: 11-12 Je '68.
- Stepwise inhomogeneity of palladium surface in the kinetics of cyclohexene dehydrogenation. Part 1: Stepwise dependence of the reaction rate on pressure. V. I. Shumilov, M. F. Moskovskaya, E. T. Kuznetsov. *Kin. i kat.* 9 no. 3: 577-584 My-Je '68.
- Stereochemistry and kinetics of cyclic extension in space isomers of ethylcyclopropane and ethylcyclobutane. Z. A. Lit'kova, S. S. Guseinova, A. A. Piontinskii. *Neftokhimiya* 6 no. 2: 185-187 Mr-Apr '68.
- Stereochemistry and kinetics of cyclic extension in triethylcyclohexane. O. K. Khabibulaeva, A. A. Piontinskii, *Neftokhimiya* 6 no. 2: 179-184 Mr-Apr '68.
- Steric factors in the production of isopropylphosphatate and its oxidation. M. I. Farberov and others. *Dokl. AN SSSR* 179 no. 6: 1359-1361 Ag '68.
- Structure of olefins and the rate of their hydrogenation in the presence of a rhenium catalyst. I. F. Lit'kova, A. K. Yezhikova, S. K. Tsvetkov. *Izv. AN SSSR Ser. khim.* no. 6: 1220-1223 Je '68.
- Structure of olefins and their concurrent hydrogenation on a Ru catalyst. I. K. Lit'kova, L. P. Lit'kova, S. K. Tsvetkov. *Neftokhimiya* 6 no. 2: 155-161 Mr-Apr '68.
- Study of acetylene hydration on mixed molybdate catalysts in a vapor phase. A. N. Sarbaev, L. P. Kirillova. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4: 443-446 Je '68.
- Study of catalytic hydroperoxidation of ethylene in the presence of olefin C₄ of carbon monoxide. G. V. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 6: 1234-1238 Je '68.
- Study of catalytic properties of cobalt species with respect to oxidation reactions by molecular oxygen. T. V. Andrushevich and others. *Kin. i kat.* 9 no. 3: 595-604 My-Je '68.
- Study of mixed adsorption hydrogenation catalysts. Part 12: Pd-Ag catalysts on aluminum oxide. A. Sh. Grigorovich, M. A. Munkhin. *Arm. khim. zhur.* 21 no. 6: 463-466 '68.
- Study of peroxide - aniline systems as initiators of radical polymerization in a solution. Part 2: Elimination of self-acceleration during high-degree polymerization of vinyl acetate. S. L. Mikhlin, G. A. Chaykhan, N. M. Bitterlin. *Arm. khim. zhur.* 21 no. 5: 375-378 '68.
- Study of the chemical properties of rubromycin B. M. G. Berezinskaya and others. *Antibiotiki* 13 no. 9: 781-785 Je '68.
- Study of the chlorination of organic compounds and transformation of chloro derivatives. Part 7: Synthesis of perchlorophenyls by the reaction of sulfur and polychlorinated benzenes, butenes and butadienes. A. N. Akopjan, A. M. Saklan, Z. A. Dzhanov. *Arm. khim. zhur.* 21 no. 5: 414-417 '68.
- Study of the composition of the products of hydrolysis by method of paper chromatography as applied to Kari of potassium salt. G. K. Rogalskii, D. Z. Serezhnikov. *Izv. AN Kazakh SSR Ser. khim.* 18 no. 4: 9-10 Ji-Ag '68.
- Study of the hydrogenation of acetylene compounds. Part 3: Effect of the temperature and partial pressure of hydrogen on the rate and selectivity of dimethyl-ethylacetylene hydrogenation on a palladium catalyst. G. V. Mostafaei, G. A. Chukhachidze, A. A. Aleksanian. *Arm. khim. zhur.* 21 no. 6: 474-480 '68.
- Study of the kinetics of sodium molybdenumoxide-catalyzed. Part 2: S. G. Babayan, S. S. Isakhanov, M. G. Mavretskii. *Arm. khim. zhur.* 21 no. 6: 476-479 '68.
- Study of the primary products of gas pyrolysis of ammonium perchlorate by means of transmittance mass spectrometer. V. V. Solov'ev, O. P. Korotkiy, I. I. Lit'kova, K. P. Korotkiy. *Izv. AN SSSR Ser. khim.* no. 6: 1312-1317 Je '68.
- Study of the quality of substrates and selection of yeast cultures for the conditions of the Arzhangulok hydrolysis plant. G. I. Obukhov, I. V. Lit'kova, A. A. Lit'kova. *Khimiya, zhur.* 23 no. 3: 18-20 '68.
- Study of the reaction of oxidative dehydrogenation of isomylolines by the differential chromatographic method. R. R. Aliev and others. *Kin. i kat.* 9 no. 3: 610-617 My-Je '68.
- Study of the solubility of hydroxy-, amino- and nitrobenzoic acid isomers in aqueous ethereal mixtures. V. P. Lit'kova, A. I. Lit'kova. *Parasit. zhur.* 23 no. 1: 11-11 '68.
- Study of the sorption capacity and equivalence of hydroxy- and B in carboxylic acid exchange systems. A. V. Prokhorov, A. P. Lit'kova, G. V. Samsonov. *Antibiotiki* 13 no. 9: 786-787 Je '68.
- Studying the effect of nitrobenzene on the decomposition of isopropylbenzene peroxide. R. V. Kocher, I. P. Sherebrak, I. M. Kapran. *Neftokhimiya* 6 no. 2: 237-242 Mr-Apr '68.
- Studying the kinetic regularities of isobutylene oxidation on a bromine-nitrogen-molybdenum catalyst. V. M. Zhuravskii, D. K. Tolstov, I. V. Fedotkin. *Neftokhimiya* 6 no. 2: 224-228 Mr-Apr '68.
- Studying the mechanism of propylene decomposition in the presence of ethane. R. A. Kalinichev and others. *Neftokhimiya* 6 no. 6: 295-306 Mr-Apr '68.
- Studying the pyrolysis of methane in a graphite reactor. I. P. Lit'kova, M. I. Lit'kova, K. P. Lit'kova. *Neftokhimiya* 6 no. 2: 188-208 Mr-Apr '68.
- Studying the reaction diffusion in metal - complex gas systems. Part 9: Oxidation of aluminum in a nitrogenous atmosphere. V. K. Konev, I. A. Lit'kova, A. P. Neustroev. *Uch. zap. Dvlt. no. 50: 96-97 '68.*
- Studying the structure and composition of the solid phase developing during the oxidation of hydrofined fuel. G. F. Lit'kova. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 2: 53-56 '68.
- Surface effect of the kinetics of the thermal decomposition of acetylene. I. U. V. Makalov, I. U. Lit'kova. *Izv. AN SSSR Ser. khim.* no. 6: 1206-1211 Je '68.
- Synthesis and complex-forming properties of alkylphosphonate-phosphonic and phosphonic acids. T. A. Medved' and others. *Izv. AN SSSR Ser. khim.* no. 6: 1211-1219 Je '68.
- Synthesis and properties of α -chloroacrylate. M. F. Shostakovskii and others. *Izv. SO AN SSSR Ser. khim.* no. 6: 104-108 Ag '67.
- Synthesis and properties of bis-alkylphosphonate-phosphonic acids. M. K. Lit'kova, I. M. Lit'kova. *Izv. AN SSSR Ser. khim.* no. 8: 1870-1872 Ag '68.
- Synthesis and properties of vinyl chloroacrylate and related compounds. V. I. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 6: 1211-1219 Je '68.
- Synthesis and properties of copper molybdate catalysts. S. S. Guseinova and others. *Neftokhimiya* 6 no. 2: 155-161 Mr-Apr '68.
- Synthesis and some properties of 1,3-bis-phenyl-4-phenyl-1,3,5-triazine. T. A. Shchegoleva and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis and study of polymerization of diacetylene oligomers and their polymerization with urea. K. A. Amiranov, I. A. Gavrilova, E. F. Lit'kova. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis and study of the properties of 1,3-bis-phenyl-4-phenyl-1,3,5-triazine. T. A. Shchegoleva and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis and study of the surface chlorination of aminoorganosilica. V. A. Torkhachuk and others. *Izv. AN SSSR Ser. khim.* no. 8: 1739-1743 Ag '68.
- Synthesis in the paraffin series. I. A. Lit'kova and others. *Khimiya, zhur.* 23 no. 3: 11-12 Je '68.
- Synthesis of amides of some acids. I. I. Lit'kova and others. *Khimiya, zhur.* 23 no. 2: 38-39 '68.
- Synthesis of aromatic polyamides of a 4,4'-biphenyl-2,2'-dicarboxylic acid. I. M. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of aromatic polyamides of a 4,4'-biphenyl-2,2'-dicarboxylic acid. I. M. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of arylferrocenylmethyl ketones. I. I. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of cyclohexanone. N. N. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of higher vinyl acetate telomers. M. F. Shostakovskii and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of isobutylene compounds with a 4,4'-biphenyl-2,2'-dicarboxylic acid. I. M. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of N, N-dichloroethyl derivatives. I. I. Lit'kova and others. *Khimiya, zhur.* 23 no. 3: 11-12 Je '68.
- Synthesis of regular galactolipids. N. K. Kuchuk and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of polysaccharides. Report No. 2. N. K. Kuchuk and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of polysaccharides. Report No. 2. N. K. Kuchuk and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of polysaccharides. Report No. 2. N. K. Kuchuk and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of polysaccharides. Report No. 2. N. K. Kuchuk and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of pyrazolecarboxylic acid. V. V. Korshak and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of sulfonamide compounds in carboxylic acid. T. I. Lit'kova and others. *Kin. i kat.* 9 no. 3: 610-617 My-Je '68.
- Synthesis of 3-ethylphosphonate amides. I. I. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Synthesis of 2-substituted 4- and 6-ethylphosphonates. V. P. Lit'kova, O. P. Lit'kova. *Izv. SO AN SSSR Ser. khim.* no. 6: 122-124 Ag '67.
- Thermal conversions of fluoromethanes. Part 1: The study of di- and trifluoromethanes. S. F. Lit'kova and others. *Kin. i kat.* 9 no. 3: 595-604 My-Je '68.
- Thermal decomposition of ethylmagnesium chloride. I. I. Lit'kova and others. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Thermal decomposition of peroxide esters of a cyclohexene acid. V. A. Lit'kova, T. I. Lit'kova, A. A. Lit'kova. *Khimiya, zhur.* 23 no. 3: 463-469 Mr-Apr '68.
- Use of EPR in chemical kinetics. I. A. Lit'kova and others. *Khimiya, zhur.* 23 no. 3: 463-469 Mr-Apr '68.
- Use of pentachlorophenyl esters for the synthesis of collagen materials. V. A. Lit'kova, T. P. Lit'kova. *Izv. AN SSSR Ser. khim.* no. 8: 1876-1877 Ag '68.
- Use of the reagents in the study of carbon electrode in the spectral analysis of alkali metal salts. I. V. Lit'kova and others. *Khimiya, zhur.* 23 no. 3: 463-469 Mr-Apr '68.
- Use of EPR in chemical kinetics. I. A. Lit'kova and others. *Khimiya, zhur.* 23 no. 3: 463-469 Mr-Apr '68.
- Use of domestic cartridge-type filters for the purification of syrup with the use of domestic kieselguhr. *Khimiya, zhur.* 23 no. 3: 463-469 Mr-Apr '68.

- Comparison and improvement of the methods of determination of the active forms of phosphorus and potassium in the soils of the Ukrainian S.S.R. N. K. Krupskii and others. *Khim. v sel. khoz.* 6 no. 2:52-59 F '88. *Chem. in agric. and soil sci.* 1988, 19, 1:10-17.
- Comparison of impurities in tetraethyltin obtained according to the Grignard reaction. V. A. Ustinov, I. L. Tsvetkov. *Izv. AN SSSR, Ser. khim.* no. 6:1409-1412 F '88.
- Determination of higher fatty acids of molasses by saponification. O. I. Belova, Z. B. Amueva. *Sukh. prom.* 42 no. 9:28 S '88.
- Determination of the herbicide metolure (N-phenyl-N-oxy-N-methylurea) by the acylation method. D. A. Soboleva, S. V. Makarova. *Khim. v sel. khoz.* 6 no. 2:44-46 F '88.
- Methods of analysis in the manufacture of air separation products. *Metody analiza v proizvodstve produktov razdeleniya vozdukh.* Moskva, "Khimiya," 1968. 116 p.
- Glazman, I. D., and I. I. Edel'man. [Laboratory control of the by-product coke industry] *Laboratornyi kontrol' koksokhimicheskogo proizvodstva.* Moskva, "Metalurgiya," 1968. 472 p.
- Improvement of the knowledge of elements-analysis. F. E. Kaban, P. A. Mitchenko. *Farmatsiya* 23 no. 1:88-12 F '88.
- Ion exchange method of determination of small quantities of sodium trichloroacetate in the soil and in plant material. I. K. Tsvetov, E. A. Kuz'menko. *Khim. v sel. khoz.* 6 no. 2:60-61 F '88.
- Microbiological aspects of industrial analytical control. A. B. Shavchik, V. V. Danilovskaya, T. A. Kazanova. *Izv. tekh. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Microdetermination of fluorine in organofluorine compounds by conductometric titration. I. M. Morozkina. *Izv. SO AN SSSR no. 14, Ser. khim. nauk* no. 6:125-127 Ag '67.
- Moscow Seminar on Analytical Chemistry. E. K. Korochennina. *Zhur. anal. khim.* 23 no. 7:1010-1011 JI '68.
- Rate of decomposition of invert sugar depending on pH and temperature. A. I. Sapozhnikov. *Sukh. prom.* 42 no. 9:19-23 S '88.
- Resection of gallium with quercetin. V. A. Nazarenko and others. *Ukr. khim. zhur.* 34 no. 5:504-509 '68.
- Study of relative force of some indicator complexes by the metal-indicator method. M. I. Shokalo. *Ukr. khim. zhur.* 34 no. 5:508-510 '68.
- Study of the interaction of titanium ions with phenanthroline by the metal-indicator method. M. I. Shokalo. *Ukr. khim. zhur.* 31 no. 5:630-631 '68.
- Technical analysis and control in the production of inorganic substances. *Tekhnicheskii analiz i kontrol' v proizvodstve neorganicheskikh veshchestv.* 10th ed. I. N. Shokina. Moskva, "Vyssh. shkola," 1968. 240 p.
- Technical and economic evaluation of the efficiency of analytical chemistry apparatus. E. S. Aiello, I. M. Rubinshtein. *Nekh. i avtom. protzv.* 22 no. 4:49-51 '68.
- 513.2 Special chemical methods of analysis and assay**
- Accelerated ashing method of organic metal-containing pharmaceutical preparations by means of nitric acid vapors. R. I. Solov'ev, D. M. Ruzhitskii. *Farmatsiya* 17 no. 3:78-82 My-Je '68.
- Ampereometric determination of chromium (III) in the presence of chromates using ethylenediaminetetraacetic acid. Sh. Tsodol, I. P. Altman, Z. A. Galati. *Izv. AN SSSR, Ser. khim.* no. 8:1726-1729 Ag '68.
- Ampereometric determination of gold using mercuronitrate. V. A. Tsvetan, G. N. Shaposhnikova, G. S. Acharian. *Zav. lab.* 34 no. 6:522-523 '68.
- Ampereometric titration of hydrogen peroxide by solutions of some oxidizers on the unit with a platinum rotating electrode. A. K. Zhilakov, S. M. Idradakis. *Uzh. khim. zhur.* 12 no. 2:16-18 '68.
- Automatic magnetic gas analyzers for oxygen. G. T. Kulakov. *Prom. Bel.* 9 no. 0:40 Jn '68.
- Complex formation in the system diantipyrimethene-platinum metal iodide. "Gravimetric determination of platinum. Extraction separation of platinum and palladium from rhodium and iridium. A. T. Pilyenko, P. F. Orlukovich. *Ukr. khim. zhur.* 34 no. 3:286-291 '68.
- Complexometric determination of germanium in germanium disulfide. T. G. Strokina, I. I. Pletnova. *Prom. khim. reak. i osobo chist. veshch.* no. 9:88-91 '67.
- Determination of aluminum in lithium fluorosulfate. M. G. Sorilik, L. P. Pisanova. *Prom. khim. reak. i osobo chist. veshch.* no. 9:98-100 '67.
- Determination of basic substance in salts by the method of non-aqueous titration. I. I. Plotnina. *Prom. khim. reak. i osobo chist. veshch.* no. 9:85-87 '67.
- Determination of europium (II) in its salts. V. F. Rukkevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:92-91 '67.
- Determination of molamine in aqueous solutions. T. M. Lovchenko, V. A. Kirichenko. *Zav. lab.* 34 no. 6:531-532 '68.
- Determination of nanogram amounts of cobalt and nickel by means of amalgam polarography with storage. J. V. Markova, S. I. Sinikova. *Zhur. anal. khim.* 23 no. 7:1023-1027 JI '68.
- Determining acrylonitrile and methacrylonitrile by the method of derivative polarography. S. I. Mokhlov and others. *Azorb. sel. khoz.* 47 no. 6:33-34 Jo '68.
- Determining the content of lead in standard G-1 and W-1 samples and rocks with low lead content by the method of oscillographic polarography. V. V. Zhirnova. *Geokhimiya* no. 6:542-544 '62.
- Development of the polarograms for irreversible processes. A. V. Gorodyskii, I. K. Del'marski. *Dokl. AN SSSR* 170 no. 4:904-907 '68.
- Differential action of solvents which are nonmiscible with water. N. P. Komar. *Zav. lab.* 34 no. 5:513-518 '68.
- Differential titration of *p*-nitrobenzoic acid. V. M. Akasenko, E. G. Akasenko. *Zav. lab.* 34 no. 5:535-536 '68.
- Effect of some electrolytes on the extraction of galanthamine and securinine by organic solvents. V. V. Mitrova. *Farmatsiya* 23 no. 1:25-30 '68.
- Effect of the electrode relation rate on the current value near the end point during amperometric titration with two indicator electrodes. A. I. Filenko, A. M. Kuznetsov. *Zhur. anal. khim.* 23 no. 7:1036-1038 JI '68.
- Effect of the material of the electrode contact on the peak heights of anodic oxidation of metals in the method of amalgam polarography with storage. I. E. Krasnova, A. I. Zherova. *Zhur. anal. khim.* 23 no. 7:1039-1041 JI '68.
- Electrical network of automatic gas analyzer. V. D. Vlashevskii and others. *Prib. i tekhn. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Electrochemical processes with a preceding reversible high order chemical reaction. A. G. Voloshin. *Elektrokhimiya* 4 no. 4:441-444 Ap '68.
- Effect of mixing of fused salts $ZnCl_2$ - $LiCl$ and $ZnCl_2$ - $CaCl_2$. S. V. Volkov, R. A. Lazorenko. *Ukr. khim. zhur.* 34 no. 5:526-530 '68.
- Mechanism of the reduction of perchlorate ion on dropping mercury electrode. N. A. Lektorskaia, Ngen Van Ngai. *Izv. vuz. uch. i inzh. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Methods of fractionating boric acids. O. I. Maksimov, N. A. Vasil'skaya. *Khim. i tekhn. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Microcatalytic reactions to hexenal and phenobarbital. V. I. Donikova, V. I. Lohinov. *Farmatsiya* 23 no. 1:21-25 '68.
- Microdetermination of manganese in organic compounds by the polarographic method. E. A. Terezhnaya, T. M. Matveeva. *Zhur. anal. khim.* 23 no. 7:1070-1072 JI '68.
- Oxidation of formaldehyde by atmospheric oxygen on an iron-niobium oxide catalyst. V. N. Eshin, B. I. Popov. *Kh. i tekhn. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Photometric method for quick identification of opium alkaloids in technical products. N. V. Egorov, F. M. Shchukina. *Izv. vuz. uch. i inzh. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Polarographic determination of some organotin compounds. V. A. Bork, P. I. Solov'ev. *Prom. khim. reak. i osobo chist. veshch.* no. 9:100-102 '67.
- Polarographic determination of 2,2'-bis(4-amino-4-hydroxyphenyl)propane in polymers. L. V. Kaganenko and others. *Zhur. anal. khim.* 23 no. 7:1032-1035 JI '68.
- Polarographic method for the determination of cocaine. A. M. Murtagayev, E. Tulechov, Sh. U. Abdullayev. *Farmatsiya* 17 no. 3:64-67 My-Je '68.
- Polarographic method of analyzing the methacrylic acid copolymer with allylphenylglycidyl dimethacrylate. G. D. Panova, A. V. Riblov, I. A. Smirnova. *Prom. khim. reak. i osobo chist. veshch.* no. 9:95-97 '67.
- Polarographic study of aliphatic nitro compounds. Report No. 2: Reduction of trinitrobenzene in dimethylformamide. V. A. Petrov and others. *Izv. AN SSSR, Ser. khim.* no. 8:1721-1729 Ag '68.
- Polarography of arsenic. Part 4: Anodic wave of trivalent arsenic in alkaline solutions. E. G. Vasil'eva, S. I. Zhitinov, T. A. Krut'kova. *Elektrokhimiya* 4 no. 4:439-441 Ap '68.
- Polarography of some pyrazoline derivatives. N. P. Shchukina, V. D. Bezuglyi. *Zhur. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Polyethylene-polyaniline as a masking reagent in complexometric determination of lead. I. M. Urtsi. *Zav. lab.* 34 no. 5:539-540 '68.
- Potentiometric determination of phosphorus, zinc and barium in phosphorus-containing additives. V. S. Luncova. *Khim. i tekhn. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Preparation of pyridine complexes of nickel sulfate and selenate and the study of their resistance to heat. A. A. Kozlova and others. *Dokl. AN SSSR* 181 no. 1:107-110 JI '68.
- Rapid method for quantitative determination of tributylphosphate. V. T. Orskhov, V. A. Nimaev, G. V. Bogdanov. *Zav. lab.* 34 no. 5:537-538 '68.
- Reactivity of organophosphorus carbonyl containing compounds. Part 6: Polarographic study of phosphorylated α -ketones in an aqueous medium and N,N-dimethylformamide. G. A. Savicheva, M. B. Gostov, A. I. Razumov. *Zhur. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Semimicro gas analyzer. A. A. Averbukh. *Zav. lab.* 34 no. 5:541-542 '68.
- Separation of radioactive tellurium from mercury targets. V. I. Plotnikov, A. I. Tsvetov, V. P. Nuvkov. *Izv. AN Kazakh SSR, Ser. khim.* 18 no. 4:76-79 JI-Ag '63.
- Spectrophotometric analysis of some salts of alkaloids and their synthetic substitutes individually and in medicinal mixtures. F. H. Kaban, G. A. Vaisman. *Farmatsiya* 23 no. 3:15-23 '67.
- Spectrophotometric determination of benzine, diiodotyrosine and paracetamol (acetophenone) in preparations and tablets. T. V. Koval'skaya. *Farmatsiya* 23 no. 3:24-28 '67.
- Stability constants of chloride complexes of rare earth elements. V. I. Spitsyn and others. *Dokl. AN SSSR* 179 no. 6:1348-1351 Ap '68.
- Structure and ultraviolet spectra of aliphatic-aromatic phosphines. B. I. Stepanov, A. I. Dolanov, B. A. Korolev. *Teor. i ekspr. khim.* 4 no. 3:354-360 My-Je '63.
- Study of conditions for iodometric determination of cumene hydroperoxide. V. E. Dol'skii, N. N. Bezubova. *Zhur. anal. khim.* 23 no. 7:1084-1088 JI '68.
- Study of intermolecular compounds by the method of anodic polarography with accumulation. Part 2: Verification of the method of determination of intermolecular compounds based on the Cu-Zn-Hg system. N. A. Gerasimov, A. G. Stremberg, S. S. Zhitnikov. *Elektrokhimiya* 4 no. 8:377-380 Jg '64.
- Study of the potentiometric behavior of perfluorinated dicarboxylic acids in nonaqueous media. M. N. Chelnokova, L. N. Dubrovina. *Zhur. anal. khim.* 23 no. 7:1070-1072 JI '68.
- Study of the structure and reactivity of carbonyl compound derivatives containing nitrogen. Part 28: Electrochemical reduction of arylhydrazones of benzaldehydes. I. U. P. Kiselev, I. M. Shrebova. *Zhur. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Substances with complex-forming capacity. Part 12: (N'-hydroxyl ethyl)-diethylenetriamine-N,N'-tetraacetic acid. V. F. Vasil'eva and others. *Zhur. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Titration of mineral acid mixtures with triethylamine in nonaqueous solutions. A. P. Kreshkov, N. A. Kazarian, E. S. Rubtsova. *Zav. lab.* 34 no. 6:533-534 '68.
- Use of magnesium hydroxide in separating small quantities of chromium and molybdenum. V. I. Plotnikov, V. I. Kozlovskov. *Izv. AN Kazakh SSR, Ser. fiz. i mat. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- 513.3 Water sampling and analysis**
- Chemical study of essential oils from *Biota orientalis* Endl. and *Cyperus sempervirens* L. growing in Azerbaijan. E. Sakhalov, N. V. Belova. *Farmatsiya* 17 no. 3:33-39 My-Je '68.
- On the determination of alkoxyl groups. M. I. Chumachenko, L. V. Kolesnik. *Izv. AN SSSR, Ser. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- 513.4 Optical, visual methods: coloration, etc.**
- Absorption spectroscopy in the analysis of pharmaceutical preparations of the estrogen group and their synthetic substitutes. L. I. Kovalenko. *Farmatsiya* 17 no. 3:67-69 My-Je '68.
- Azomethine bases - derivatives of binuclear aromatic amines with bridge groupings. N. P. Lavchenko, L. Sh. Aghajani. *Prom. khim. reak. i osobo chist. veshch.* no. 9:100-102 '67.
- Chemical-spectral determination of lead in compound semiconductors of the Ag₂S type and in initial components. V. G. Tsvetova and others. *Zhur. anal. khim.* 23 no. 7:1055-1057 JI '68.
- Chemistry of ketones of the furandiolone series. Part 3: Reaction of dihydropyranone with 2,6,5-trinitro-4-phenylhydrazine-3,4-dione. I. K. Korobitsyna, O. P. Shadrinskii. *Zhur. anal. khim.* 4 no. 3:524-528 Mr '68.
- Colorimetric determination of molybdenum in rhenates. M. G. Sorduk. *Prom. khim. reak. i osobo chist. veshch.* no. 9:95-97 '67.
- Correlation of spectra and structure of carbonyls and interpretation of the infrared spectra of carbon monoxide adsorbed on metals. Part 1. N. N. Kavaradze, N. P. Sokolova. *Zhur. fiz. khim.* 40 no. 12:2057-2063 D '68.
- Determination of cadmium and zinc in potassium and rubidium nitrate by the nitrite-absorption method. N. I. Tsvetov, G. V. Kozlova, D. M. Kunina. *Zhur. anal. khim.* 23 no. 7:1048-1050 JI '68.
- Determination of impurities in arsenates of rare alkali metals. A. F. Fedushina, T. G. Strokina. *Prom. khim. reak. i osobo chist. veshch.* no. 9:72-78 '67.
- Determination of oil in phenol by infrared absorption spectroscopy. I. A. Imanitov. *Kh. i tekhn. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Determination of the impurity of chlorides in rubidium bromide. K. A. Tsvetova. *Prom. khim. reak. i osobo chist. veshch.* no. 9:101-102 '67.
- Determination of the infrared spectra of clay minerals and substances adsorbed on them. I. U. Tsvetov. *Kh. i tekhn. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Determining the composition of a copper complex with glycol luoic using the Klefer-Johnson method. A. P. Borisova, I. U. V. Gromovskii, I. A. Savich. *Zav. lab.* 34 no. 5:509-511 '68.
- Differential-photometric determination of iron and titanium in ilmenite ore. G. E. Luntin, E. O. Romanenko. *Zav. lab.* 34 no. 5:538-539 '68.
- Electron paramagnetic resonance spectra of anion-radicals of some gem-dialkylcyclohexanones. A. I. Prokof'ev and others. *Izv. AN SSSR, Ser. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Electronic charges of bonds and spectroscopic characteristics of organic compounds. Report No. 2: Chemical shifts in PMR spectra of metallo- and halo derivatives of alkanes and compounds with π -bonds. G. V. Bykov. *Izv. AN SSSR, Ser. khim. nauch. i inzh. nauch.* 1968, 10, 1:11-15 N '68.
- Extraction-photometric determination of spasmodic and apomorphine. M. A. El' Saied. *Farmatsiya* 17 no. 3:72-78 My-Je '68.
- Flame photometric analysis of antimony compounds. L. I. Mamontova, N. G. Shepeta, V. L. Kustas. *Prom. khim. reak. i osobo chist. veshch.* no. 9:40-43 '67.
- Flame photometric analysis of cesium and rubidium arsenates. V. L. Kustas, N. G. Shepeta, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:20-25 '67.
- Flame photometric analysis of high purity rubidium compounds. N. G. Shepeta, V. L. Kustas, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:20-21 '67.
- Flame photometric analysis of rubidium meliorate. V. L. Kustas, R. S. Chuchueva, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:16-19 '67.

- Flame photometric determination of vanadium in vanadium production slimes. V. L. Kuslas, G. V. Lazebnaya. *Prom. khim. reak. i osobo chist. veshch.* no. 9:32-34 '67.
- Flame photometric method for the analysis of lithium compounds. V. L. Kuslas, L. I. Mamontova, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:14-16 '67.
- Flame photometric method for the analysis of vanadium pentoxide. L. I. Mamontova, V. L. Kuslas, G. I. Akid-pova. *Prom. khim. reak. i osobo chist. veshch.* no. 9:35-39 '67.
- Fluorimetric determination of magnesium with 8-hydroxyquinoline in complex composition objects. D. P. Shcherbov, R. N. Plotnikova, T. N. Skvortseva. *Prom. khim. reak. i osobo chist. veshch.* no. 8:166-173 '67.
- Fluorimetric determination of mercury with rhodamine S. A. I. Ivankova, D. N. Perminova, D. P. Shcherbov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:174-180 '67.
- Fluorimetric determination of scandium with salicylal-semicarbazide. D. P. Shcherbov, V. P. Nikolova. *Prom. khim. reak. i osobo chist. veshch.* no. 8:188-190 '67.
- Fluorimetric determination of lithium in the form of chloride complex. D. P. Shcherbov, A. I. Ivankova. *Prom. khim. reak. i osobo chist. veshch.* no. 8:191-196 '67.
- Fluorescent methods for the determination of samarium and europium in the form of triple complexes. L. I. Kononenko and others. *Prom. khim. reak. i osobo chist. veshch.* no. 8:223-230 '67.
- Fluorescent reaction of zincum with mercuric in the presence of complexon III. R. N. Plotnikova, D. N. Perminova, D. P. Shcherbov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:197-201 '67.
- Fluorometer FO-1 for measuring luminescence brightness of the liquids during mass determination. D. P. Shcherbov, R. N. Plotnikova, M. A. Kapil'nyi. *Prom. khim. reak. i osobo chist. veshch.* no. 8:243-248 '67.
- Frequency spectra of optical fluctuations of widespread light sources for spectral analysis. U. I. Baltayev and others. *Zhur. anal. khim.* 23 no. 7:869-880 '67.
- Infrared absorption spectra of selectively substituted cellulose nitrates and their model compounds. Z. I. Kuznetsova and others. *Izv. AN SSSR. Ser. khim.* no. 6:1301-1305 '68.
- Infrared spectrum and lattice oscillations of a sodium nitrate crystal. S. V. Karpov, A. A. Shulin. *Dokl. AN SSSR* 180 no. 3:572-575 '68.
- Integral intensities of some absorption bands in infrared spectra of a series of derivatives of diatomic phonons. G. P. Motsova, A. V. Rakhovskiy. *Zhur. khim. fiz.* 12 no. 1:55-57 '68.
- Intensity of the spectral lines of trace elements depending on the composition of the system $SiO_2 - Al_2O_3 - K_2O$. D. O. Filonov, K. V. Dubovik, M. M. Pavlenko. *Dokl. AN SSSR* 180 no. 7:624-627 '68.
- Interaction of dimethyl with cobalt rhodanide. V. E. Kodatskii, A. I. Shchek, *Farmatsia* 17 no. 3:52-54 '67.
- Isomeric reaction of alkenylcyclopropanes in free radical addition reactions. I. S. Lishchinskii and others. *Dokl. AN SSSR* 170 no. 1:882-883 '68.
- Kinetics of 1-dichloroethane-3, 2-dinitropropane decomposition in water and the ultraviolet spectra of some β -nitroamino in aprotic solutions. M. M. Holgala and others. *Izv. AN SSSR. Ser. khim.* no. 6:1109-1108 '68.
- Low-frequency absorption spectra of polymers of the methylene series. T. V. Belopolskaya. *Dokl. AN SSSR* 180 no. 8:1388-1389 '68.
- Luminescent method for the determination of manganese. E. A. Bozhovskiy, O. A. Fakova. *Prom. khim. reak. i osobo chist. veshch.* no. 8:218-222 '67.
- Luminescent properties of frozen solutions of azomethines with intramolecular hydrogen bond. D. M. Boletn. B. M. Krasovitskii. *Prom. khim. reak. i osobo chist. veshch.* no. 8:121-125 '67.
- Method of determining the position of tautomeric equilibrium from the only data on infrared and ultraviolet spectra. O. A. Erashin, A. B. Remizov, S. N. Ignat'eva. *Izv. AN SSSR. Ser. khim.* no. 8:1887-1888 '68.
- Molecular structure of alkylketones. L. L. Shchekovskaya and others. *Dokl. AN SSSR* 170 no. 4:802-805 '68.
- Nature of hydrogen bonding in some o-hydroxy azo compounds. D. N. Shigorin, I. A. Pavlenishvili, V. I. Kokachishvili. *Zhur. fiz. khim.* 40 no. 12:3098-3098 '68.
- New fluorescent complexans. V. I. Tomkina and others. *Prom. khim. reak. i osobo chist. veshch.* no. 8:191-194 '67.
- Nuclear magnetic resonance study of the kinetics of hydrogen exchange in β -hydroxybutyrate acid. A. I. Brodskii, B. A. Geller, V. I. Ostaderov. *Tror. eksp. khim.* 4 no. 3:322-331 '68.
- Optical and X-ray phase study of the products of chemical reactions in spectral analysis of rare metal salts. G. V. Lazebnaya, I. G. Udelevich, N. I. Druz. *Prom. khim. reak. i osobo chist. veshch.* no. 8:52-56 '67.
- Optical method of dispersion analysis of the solid phase in a flame. I. A. Pribytkov, L. N. Byzhkov, V. A. Krivandin. *Izv. vyz. ucheb. zav. i Chern. mel.* 11 no. 7:156-162 '68.
- Photocolorimetric determination of β -alosterol. E. V. Krasodantova, A. M. Khlof'skii. *Farmatsia* 17 no. 3:49-51 '67.
- Photocolorimetric studies of colloidal properties of petroleum. V. V. Davitkhamov. *Izv. vyz. ucheb. zav. i mel' i gaz* 11 no. 3:37-39 '68.
- Photometric determination of codeine. D. A. Murav'eva, I. A. Sachenko, E. N. Vergetchik. *Khim. - farm. zhur.* 2 no. 3:27-30 '68.
- Picramide P as a reagent for the spectrophotometric determination of copper. G. I. V. G. Gorishina, E. I. A. Birlukova, L. S. Razumova. *Zhur. anal. khim.* 23 no. 7:1048-1048 '68.
- Quantitative determination and optimal conditions for extraction of codeine by organic solvents. E. M. Bisenbaev. *Farmatsia* 17 no. 1:25-28 '68.
- Quantitative determination of polycyclic hydrocarbons in complex mixtures based on quasilinear luminescence spectra. A. I. Khosina. *Prom. khim. reak. i osobo chist. veshch.* no. 8:237-242 '67.
- Quasi-autonomous systems in the ultraviolet spectra of benzene derivatives with nitro- and amino groups in o- and p- positions with respect to each other. E. E. Millarova, V. V. Erenov, V. A. Izmail'skii. *Dokl. AN SSSR* 170 no. 2:349-352 '68.
- Quick analysis of chelers. V. V. Myshlitskaya, T. A. Osokina, T. M. San'ko. *Nauch. soob. NIT'Senienta* no. 2:130-14 '68.
- Refractometric and X-ray data for sodium and potassium peroxoborates. V. I. Sokol and others. *Izv. AN SSSR. Ser. khim.* no. 6:1163-1165 '68.
- Refractometric determination of alcohol concentration in alcohol solutions. I. K. Solntik, Farmatsia, zhur. 23 no. 1:30-34 '68.
- Stability of fluorometers. E. A. Bozhovskiy, S. U. Krengold, I. M. Plotnikova. *Zav. lab.* 34 no. 5:618-620 '68.
- Spectra of nuclear quadrupole resonance of Ag^{75} of some organos. A. P. Zhukov, L. S. Golovchenko, G. K. Serin. *Izv. AN SSSR. Ser. khim.* no. 6:1399-1401 '68.
- Spectra of nuclear quadrupole resonance of C^{13} of some chlorine-containing organic compounds. G. K. Serin and others. *Izv. AN SSSR. Ser. khim.* no. 6:1401-1401 '68.
- Spectral determination of magnesium oxide in cement manufacture materials. I. S. Matveev and others. *Nauch. soob. NIT'Senienta* no. 2:28-30 '66.
- Spectral method for the determination of S^{32} . I. G. Zinginskii, A. N. Zolotarev, G. G. Kuznetsov. *Dokl. AN SSSR* 170 no. 2:389-392 '68.
- Spectrographic analysis of aluminum nitride. V. A. Kuznetsov and others. *Prom. khim. reak. i osobo chist. veshch.* no. 8:67-71 '67.
- Spectrographic determination of iron, arsenic, and lead in antimony compounds. G. V. Lazebnaya, G. V. Shadrinova, I. A. Landozova. *Prom. khim. reak. i osobo chist. veshch.* no. 8:61-66 '67.
- Spectrographic study of interaction between neodymium chloride and glycine. L. S. Saklanova, L. I. Marynenko, V. I. Spitsyn. *Dokl. AN SSSR* 170 no. 2:389-392 '68.
- Spectrophotometric determination of analgesic in biological material. E. A. Grizanova, A. A. Podkolzina. *Farmatsia* 17 no. 3:57-62 '67.
- Spectrophotometric method of quantitative determination of Fe^{2+} -Ti $^{3+}$. I. M. Lys, I. D. Prosenko. *Khim. - farm. zhur.* 2 no. 2:52-53 '68.
- Spectroscopic analysis of gas liberation from silicon. S. V. Starchikov and others. *Izv. AN SSSR. Ser. fiz. - mat. nauk* 12 no. 2:90-92 '68.
- Structure of iron hydroxide $3Fe(OH)_2 \cdot 2SiO_2 \cdot 2H_2O$. Report No. 1. E. A. Kopylova, M. M. Goltzman, L. P. M. *Izv. AN Kazakh SSR. Ser. khim.* 18 no. 9:74-76 '67.
- Study in the field of monoorganotinanes. Part 10: Effect of strength of ligands on their capacity for association with organotinanes. I. E. Suralov, V. O. Rukhsel'd. *Zhur. ob. khim.* 38 no. 3:651-655 '68.
- Study of conformational states of peptide systems. Part 1: Quantitative evaluation of intramolecular hydrogen bonding in aliphatic dipeptides by infrared spectroscopy. S. I. Portnova and others. *Zhur. ob. khim.* 38 no. 3:428-439 '68.
- Study of europium complexes with some β -diketonates. V. I. Tomkina and others. *Prom. khim. reak. i osobo chist. veshch.* no. 8:136-139 '67.
- Study of ferricyanides by means of gamma-radiation spectroscopy. B. V. Barshagovskii and others. *Izv. AN SSSR. Ser. khim.* no. 8:1716-1721 '68.
- Study of hydroxymethylcarbamate and hydroxymethylalkylcyclic acids. M. K. Sotkina, I. V. Lavrenko, V. F. Toropova. *Zhur. ob. khim.* 38 no. 4:759-762 '68.
- Study of propylene adsorption on copper oxide by means of infrared spectroscopy. K. P. Zhenova, N. I. Popova. *Kin. i kat.* 9 no. 2:397-403 '68.
- Study of the layer adjacent to an electrode by means of absorption spectroscopy. V. I. Shapoval, V. N. Turchak. *Khr. khim. zhur.* 34 no. 6:525-526 '68.
- Study of the surface active agents by infrared spectroscopy methods. N. D. Selt'skaya, A. F. Korot'skii. *Izv. SO AN SSSR no. 14. Ser. khim. nauk* no. 9:48-58 '67.
- Study of the thiophene series. Report No. 12: Synthesis of trioxol[3, 4-b]-thiophene-2-carboxylic acid and the NMR spectra of isomeric thienothiophenes. V. P. Litvinov, G. Frankl. *Izv. AN SSSR. Ser. khim.* no. 8:1826-1835 '68.
- Synthesis and luminescent properties of amino- and acylamino derivatives of N-arylimides of naphthalic and phthalic acids. D. G. Poroshova, E. G. Ushko, B. M. Krasovitskii. *Prom. khim. reak. i osobo chist. veshch.* no. 8:68-70 '67.
- Temperature dependence of mass spectra. Part I. V. N. Kondrov, M. V. Tikhomirov. *Zhur. fiz. khim.* 40 no. 12:2667-2672 '68.
- Ultraviolet absorption spectra of sulfuric acid solutions of lithium sulfate. M. I. Braginskii, I. A. Bobyrenko, I. D. Dolmatov. *Zhur. fiz. khim.* 40 no. 12:2084-2086 '68.
- Use of a spark method of the analysis of sulfuric acid controlling the processes of the separation of rare earth elements. L. I. Karponko, L. A. Fakova. *Khim. reak. i osobo chist. veshch.* no. 8:44-51 '67.
- Use of correlative and spectral analysis for the determination of the changes in EFG in focal lenses of O. M. Grindel, G. N. Boldyreva, L. I. Aramova. *AN SSSR* 23 no. 5:71-84 '68.
- Use of pyrazolone derivatives for fluorimetric determination of cerium and dysprosium. M. A. Tishchenko, I. Kononenko, N. S. Poluektov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:231-236 '67.
- Use of spectrum analysis in study of waxes obtained from the Karakul lamb. Sh. Naryayev, M. M. P. *Zhur. khim. zhur.* 12 no. 1:26-28 '68.
- Use of the reagents in crater of carbon electrode spectral analysis of alkali metal salts. G. V. Lazebnaya, E. K. Moskal'chuk, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:57-60 '67.
- Vibrational spectra and rotational isomerism of 1,4-dichlorocyclohexane. A. B. Remizov, L. M. Svoboda, AN SSSR. 170 no. 6:1389-1391 '68.
- Vibrational spectrum of nitroethanol. V. A. Shchekovskiy, V. G. Osipov. *Izv. AN SSSR. Ser. khim.* 1870-1871 '68.
- Vibrational spectrum of rhenic acid. K. I. Pelyov, B. A. Bardin, V. G. Kaluzhina. *Dokl. AN SSSR* 176:1097-1098 '68.
- X-ray method of determining porcelains and terraces. V. A. Chernikova, V. P. Il'ina, Nauch. soob. NIT'Senienta no. 2:25-28 '66.
- X-ray spectral determination of arsenic in antimony compounds. I. G. Lavrent'ev, V. V. Duz', G. V. Polov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:191-196 '67.
- X-ray spectral study of chlorine in complex compounds of $Co(II)$, $Rh(III)$, $Pt(IV)$. A. P. Sadorski, A. V. Beliaev. *Izv. SO AN SSSR no. 14. Ser. khim. nauk* 57-81 '67.

543.5 Physical chemical methods (other than optical)

- Activation of manganese salts in the chemical reaction of luminol with hydrogen peroxide. I. K. Kallitschenko, I. Kh. khim. zhur. 34 no. 3:37-39 '68.
- Analysis of cyanacetic and α -cyanacrylic acid and polymeric cyanacrylates by gas-liquid chromatography. D. G. Vn'kovskii and others. *Zav. lab.* no. 5:628-629 '68.
- Analysis of fatty acids and their derivatives by gas-liquid chromatography. S. N. Amirov, A. N. Tikhonov, I. Kh. khim. zhur. 12 no. 6:35-37 '68.
- Analyzing polyphenyls and their hydrogenated derivatives by gas-liquid chromatography. P. S. Pustelnik, I. V. Kovalev. *Neftekhimika* 8 no. 2:302-306 '68.
- Chromatographic analysis of products of isopropyl alcohol. V. I. Khel'tov, V. I. Babush, G. K. Oparin. *Zav. lab.* 34 no. 5:629-631 '68.
- Chromatographic determination of $C_1 - C_8$ hydrocarbons in water petroleum. A. A. Akopova, V. I. Serb. *Khim. i tekhn. topl. i med.* 13 no. 7:56-57 '68.
- Dependence of the height of a theoretical plate on flow speed of the carrier gas at various pressures. L. V. Kondakova, I. A. Vlasheva. *Neftekhimika* 8 no. 2:297-301 '68.
- Detection of spermine in sperm stains by means of electrophoresis. L. Bures. *Rus. med. eksperim.* no. 3:49-47 '68.
- Determination of alkoxy groups in methylhydroxyethylcellulose by means of gas-liquid chromatography. A. A. Karnishin. *Zhur. anal. khim.* 23 no. 7:1072-1073 '68.
- Determination of configuration of isomeric 3-alkylpyrrolidines. I. M. Skvortseva, I. V. Artyukova, P. P. Ponomarev. *Dokl. AN SSSR* 178 no. 5:106-106 '68.
- Determination of hafnium in titanium and its compounds. E. M. Ivanov and others. *Izv. AN Uzb. SSR. Ser. mat. nauk* 12 no. 2:94-95 '68.
- Determination of mono and trihydroxybenzene impurities in chlorophenol by thin layer chromatography. T. Kholer, T. P. Douchkova, E. S. Mikhaleva. *Zav. lab.* no. 5:649-649 '68.
- Determination of small amounts of dibutyl succinate means of high temperature gas chromatography. F. G. Ivanov, N. F. Tolikina, O. N. Belitskaya. *Zhur. anal. khim.* 23 no. 7:1087-1089 '68.
- Determination of some elements in coal by activation analysis using 14 Mev. neutrons. M. Sitarov, T. Talant, T. Kholikova. *Izv. AN Uzb. SSR. Ser. mat. nauk* 12 no. 2:74-77 '68.
- Determination of the dissociation constants of phenol acid groups of ion exchangers. N. P. Sharapova, Chumakov, S. P. Korshunova. *Zhur. fiz. khim.* 40:3071-3074 '68.
- Effect of the molecular structure of cyclic compounds on the solubility in nonpolar stationary phases. B. A. Kozlov, A. N. Kozlov. *Khr. khim. zhur.* 34 no. 5:50-53 '68.
- Extraction-radiometric method of determining silver as diethyl dithiophosphato. N. A. Krasovitskii, A. A. Canley, A. I. Busov. *Zhur. anal. khim.* 23 no. 7:1093-1093 '68.
- Gas chromatographic determination of carbonyl compounds in the air. M. T. Dmitriev, N. A. Krasovitskii. *Zhur. anal. khim.* 23 no. 7:1079-1081 '68.
- Gas chromatographic determination of impurities in cyanide. V. S. Mirzhanov, V. A. Grechko. *Zhur. khim.* 23 no. 7:1095-1097 '68.
- Gas chromatographic purification of methylchlorides raw material for the synthesis of silicon carbide. V. M. Gorbachov and others. *Izv. SO AN SSSR no. Ser. khim. nauk* no. 6:79-84 '67.

- Gas-liquid chromatography separation of metal vapors. D. N. S. F. Klov, M. A. Baldaiova, N. A. Valin, Izv. AN SSSR, Ser. khim., no. 6:1396-1397 Je '68.
- Gas-liquid chromatography analysis of a multicomponent mixture of synthetic fatty acids or alcohols. B. P. Kotef, N. G. Arkhipov, Khim. i tekhn. topl. i masel, 13 no. 7:47-50 '68.
- Gas-liquid chromatography of acetylene compound. G. A. Rukhlov and others, Izv. AN SSSR, Ser. khim., no. 6:1174-1177 Je '68.
- Gas-liquid chromatography of resin acids. I. I. Bardy-shov and others, Dokl. AN BSSR 12 no. 7:638-638 Ji '68.
- General systems. Report No. 10: Study of the SnCl_2 systems using NMR methods (Mossbauer effect), PMR, infrared and mass spectrometry. V. V. Kirajov and others, Izv. AN SSSR, Ser. khim., no. 6:1261-1267 Je '68.
- Integration of chromatographic peaks. R. M. Mirsalimov, F. F. Volkov, Izv. vys. ucheb. zav., nat. i gaz. II no. 3: 65-68 '68.
- Kinetics of cation exchange of zirconium from nitric acid solutions. I. V. Vinarov, A. N. Grinberg, Ukr. khim. zhur., 34 no. 5:428-433 '68.
- Mass spectral determination of potassium and calcium impurities in high-purity substances. U. M. Miller, M. S. Chupakhin, Zhur. anal. khim., 23 no. 7:987-993 Ji '68.
- Mass spectrometric determination of amino acid sequence in peptides. Part 10: Synthesis of derivatives of peptides containing histidine and tryptophan residues. E. I. Vinogradova and others, Zhur. ob. khim., 38 no. 1:787-787 Ap '68.
- Mass spectrometric method of determining oxygen volatility over oxide catalysts. V. A. Sannov, V. V. Popovskii, G. K. Poretskov, Kin. i kat., 9 no. 2:707-711 Mr.-Ap '68.
- Mass spectrometry of steroid systems. Report No. 17: Determination of the state of the hydroxyl group in a steroid molecule. V. I. Zaitsev and others, Izv. AN SSSR, Ser. khim., no. 6:1294-1301 Je '68.
- Mass spectrometry of 3,4-carandiol steroids and 3,4-carandiol labelled by deuterium in hydroxyl groups. I. A. Efremov, Dokl. AN SSSR 178 no. 5: 1360-1363 '68.
- Mass spectrum of tetralinyltin. I. I. Agafonov and others, Izv. AN SSSR, Ser. khim., no. 6:1280-1283 Je '68.
- Nature of remote delocalization of an unpaired electron in the EPR spectra of copper compounds. V. F. Anufrienko, E. G. Rukhadze, A. P. Toront'ev, Dokl. AN SSSR 178 no. 5:1073-1078 '68.
- Paper chromatography of 1-aminoanthraquinone mono- β -D-glucoside and products of its bromination. E. V. Sokolova, A. A. Cherkasskii, Zav. lab., 34 no. 5:523-527 '68.
- Paper electrophoresis in the analysis of medicinal substances. S. Kh. Babayev, R. T. Mondybayev, Farmaz. zhur., 23 no. 1:14-18 '68.
- Physicochemical study of the organic mass of peat and sapropel. R. K. Larina and others, Khim. i tekhn. topl. i masel, 13 no. 7:47-50 '68.
- Reaction of thorium, neptunium, and plutonium with quercetin. E. A. Biriuk and others, Ukr. khim. zhur., 34 no. 3:201-206 '68.
- Retention values of terpenes in various liquid phases. I. I. Dardyshev, V. I. Kulikov, Zhur. anal. khim., 23 no. 7:1081-1084 Ji '68.
- Semiconductor radiometric analyzer of iron ores. N. B. Onuchin, A. E. Trop, Trudy Sver. gor. inst., no. 40: 60-65 '67.
- Shifts of spectral lines, levels, and terms of a neutral iron in the case of small pressure drop. O. A. Mel'nikov, Izv. GAO 24 no. 6:117-139 '67.
- Sorption extraction using the azo-dye D1 reactive. F. P. Gorbach, A. A. Hadezhin, Ukr. khim. zhur., 31 no. 5:624-627 '68.
- Structure and color of allylidenamine derivatives containing added substituents in the aldehyde component. E. A. Smirnov, I. N. Kirichenko, Dokl. AN SSSR 179 no. 2:358-361 '68.
- Studies in the dipperidyl series. Part I: Products of the reduction of dipperidyl. I. U. Forstner, E. F. Efremova, V. I. Novikov, Zhur. ob. khim., 38 no. 4:839-841 Ap '68.
- Study of adsorption properties of titanium dioxide by gas chromatography. I. V. Koloantysina, R. S. Petrina, Koi. zhur., 29 no. 6:815-821 N-D '67.
- Study of different solid carriers for carrying out gas-liquid chromatography of terpenes. V. I. Kulikov, L. S. Chemuk, Dokl. AN BSSR 12 no. 6:534-538 Je '68.
- Study of iron sulfides by the Mossbauer gamma-resonance spectroscopy. B. V. Borshagovskii and others, Izv. AN SSSR, Ser. khim., no. 6:1267-1271 Je '68.
- Study of ionic complexes of niobium by extraction methods. I. V. Plajnik, K. S. Sereda, Ukr. khim. zhur., 34 no. 6:820-823 '68.
- Study of the properties of organosilicon adsorbents by the gas chromatography method. Calculation of heat and entropy for xerogels of methyl-, ethyl-, phenyl-, and hydride-polyloxanes. S. L. Melnikova, I. B. Slivakova, A. N. Korol', Ukr. khim. zhur., 34 no. 6: 537-542 '68.
- Study of the reaction of oxidative dehydrogenation of isoamylene by the differential chromatographic method. R. R. Aliev and others, Kin. i kat., 9 no. 3:610-617 My-Je '68.
- Studying temperature-dependent iron cyanide complexes with the aid of the Mossbauer effect. D. K. Kalpov, A. K. Zhebatov, M. F. Vereshchak, Izv. AN Kazakh. SSR, Ser. fiz.-mat., 6 no. 2:62-68 Mr.-Ap '68.
- Tellurium determination by the radioactivation method on an (n, 2n) reaction. V. T. Tustanovskii, O. Ukhodzhayev, L. P. Starchik, Dokl. AN Tadzh. SSR 11 no. 2:28-29 '68.
- [Theory of ion exchange and chromatography] Teoriya ionnogo obmena i khromatografi. Moskva, "Nauka," 1968, 246 p.
- Thermodynamic characteristics of the reaction of amines with alkaloids under conditions of gas-liquid chromatography. B. V. Golovinski, I. L. Zhuravleva, I. U. N. Arsenov, Dokl. AN SSSR 181 no. 1:100-102 Ji '68.
- Thermographic analysis of nickel and cobalt esters. M. T. Saliba, N. A. Parpley, S. Tashkhalizadev, Uzb. khim. zhur., 12 no. 1:9-11 '68.
- Thin-layer chromatography of phenols. Report No. 2: Analysis of diphenylpropane bisphenol A. N. P. Egorova, A. V. Sokolov, Zhur. anal. khim., 23 no. 7: 1088-1101 Ji '68.
- Transmethylamide-amide interaction of cyclohexanes during mass spectrometry. I. U. V. Denisov and others, Zhur. ob. khim., 38 no. 4:770-776 Ap '68.
- Transformations of halogen-containing aromatic compounds in the presence of an organic base. Part 6: Substitution of halogen in 2-halo-3(5)-nitrobenzoic acids in reaction with piperidine in water and benzene. V. N. Lashyn, A. B. Tishchenko, Zhur. org. khim., 4 no. 3: 499-504 Mr '68.
- Ultrasonic method for determining water in acetic acid solutions of acetyl cellulose. N. M. Barnbaev, V. M. Potnikova, Zav. lab., 34 no. 5:550 '68.
- Use of chromatographic method in the analysis of difluorodichloromethane (Freon-12). M. P. Petrova, D. D. Alekseeva, A. N. Mescheriakova, Zhur. anal. khim., 23 no. 7:1102-1103 Ji '68.
- 543.7 Inorganic analysis: molecules, impurities, etc.
- Action mechanism of some metallocchromic indicators. S. R. Svinov and others, Dokl. AN SSSR 181 no. 3:613-616 Ji '68.
- Analysis of salt systems with the application of ion exchangers. A. I. Vutskh and others, Prom. khim. rezh., 1 usobn. chisl. vesich., no. 9:81-84 '67.
- Arro, H., R. O. O., and H. Vilcek. [Manual on laboratory work in qualitative semi-microanalysis] Rukovodstvo k laboratoriyam rabotam po kachestvenno polukromaticheskoy analizu. Tallinn, 1967, 110 p.
- Chemical mechanism of the reactions of ions of multivalent elements with organic reagents. Report No. 10: Reaction of thallium (IV) with chromotropic acid and 1,8-dihydroxynaphthalene. E. A. Biriuk, V. A. Nazzarenko, Zhur. anal. khim., 23 no. 7:1088-1092 Ji '68.
- Coextraction and suppression of extraction of complex metal acids. I. U. A. Zolotov, Dokl. AN SSSR, 180 no. 6:1367-1369 Je '68.
- Consecutive amperometric titration of binary cation mixtures containing bivalent mercury, cadmium, zinc, lead. A. K. Zhdanov, N. V. Kaplisa, Uzb. khim. zhur., 12 no. 1:29-31 '68.
- Cooperation of small quantities of vanadium with metal hydroxides. V. I. Potnikov, V. I. Kochetkov, V. P. Chirvaeva, Izv. AN Kazakh. SSR, Ser. fiz.-mat., 6 no. 2:73-79 Mr.-Ap '68.
- Determination of cadmium and zinc in potassium and rubidium nitrate by the atomic-absorption method. N. I. Tarasovich, G. V. Kozeyeva, D. M. Kamina, Zhur. anal. khim., 23 no. 7:1088-1090 Ji '68.
- Determination of copper in gallium arsenide using lead diethyldithiocarbamate. V. G. Goriushina, E. I. Biriukova, L. S. Razumova, Zhur. anal. khim., 23 no. 7: 1044-1046 Ji '68.
- Determination of microgram quantities of iron in thin magnetic films. A. S. Babenko, T. T. Volodchenko, Zhur. anal. khim., 23 no. 7:1053-1056 Ji '68.
- Extraction of strontium. T. D. Shevchenko, L. A. Kizina, Ukr. khim. zhur., 34 no. 5:499-503 '68.
- Extraction-photometric determination of platinum and palladium by means of 1-phenylthioazoline-5-thione. A. N. Chechneva, A. V. Rudushov, Zhur. anal. khim., 23 no. 7:1059-1061 Ji '68.
- Extraction separation of thallium and platinum. N. P. Rudenko, V. O. Kordukov, Zhur. anal. khim., 23 no. 7:1061-1065 Ji '68.
- Measurement of pH in small volumes of solutions. I. P. Alimarin, M. N. Petrakova, Zhur. anal. khim., 23 no. 7:1042-1043 Ji '68.
- Method of determining the moisture of blast-furnace gas. Sver. nauch. trudy. VNIIMT no. 14:249-260 '68.
- p-Sulfobenzoylsalicylic acid as a photometric reagent for beryllium. I. P. Adamovich, V. V. Vannan, Zhur. anal. khim., 23 no. 7:994-1001 Ji '68.
- Photometric determination of bromides. L. M. Tamar-chenko, V. F. Toropova, Zhur. anal. khim., 23 no. 7: 1028-1031 Ji '68.
- Photometric determination of rhodium by thioacetamide. A. I. Lazarev, Zhur. anal. khim., 23 no. 7:1050-1053 Ji '68.
- Pteramine P as a reagent for the spectrophotometric determination of copper (II). V. G. Goriushina, E. I. Biriukova, L. S. Razumova, Zhur. anal. khim., 23 no. 7:1040-1048 Ji '68.
- Possibility of determining iron (II) in rocks and minerals by fusing with sodium metafluoroborate. I. U. Novikov, Zhur. anal. khim., 23 no. 7:1057-1059 Ji '68.
- Spectrophotometric study of the interaction of mercury (II) with 5-nitro-2-furfurylidene-salicylbenzoxone. K. N. Bagdasarov, L. G. Anisimova, O. A. Tateev, Zhur. anal. khim., 23 no. 7:1002-1007 Ji '68.
- Spectrophotometric determination of zinc and cadmium. A. P. Terent'ev, E. G. Rukhadze, V. V. Dunina, Zhur. anal. khim., 23 no. 7:1009-1012 Ji '68.
- Structure of antipyrine perchlorate. A. I. Busev and others, Zhur. ob. khim., 38 no. 3:534-538 Mr '68.
- Study of the reaction of hexavalent molybdenum with the azo dye sulfonyl violet I-RL and the possibility of its use in photometric analysis. D. N. Pachadzhianov, I. A. Kolontarov, N. Khakikhodzhayev, Dokl. AN Tadzh. SSR 11 no. 2:33-36 '68.
- Synthesis of N-methylmethylamine- α -azo-n-heptylresorcinol and spectrophotometric study of the reagent state in solutions. I. P. Sachetova and others, Uzb. khim. zhur., 12 no. 2:10-12 '68.
- Use of allylphosphoric acids in analytical chemistry. Report No. 8: Determination of microgram quantities of indium in the products of lead-zinc and copper industries. I. S. Levit, T. G. Azarenko, N. A. Rukhadze, Zhur. anal. khim., 23 no. 7:1013-1017 Ji '68.
- Use of cinnamic acid in analytical chemistry. Report No. 12: Principles of separation and determination of metals. E. A. Ostrovskiy, I. I. Volkov, Zhur. anal. khim., 23 no. 7:973-979 Ji '68.
- 543.8 Organic analysis
- Automatic thermogravimetric device for polymer analysis. F. N. Vlasovskii and others, Plast. massy no. 4: 55-58 '68.
- Concept of electronegativity: results and prospects. S. S. Iltishev, Usp. khim., 37 no. 5:778-815 kty '68.
- Decreased reactivity of structural isomeric pyridine enamine of 2-acetylhydrazonocyclohexene and 2-acetyl-1-methyleno, A. A. Akhram, A. M. Moiseyev, I. A. Moshchinskaya, Izv. AN SSSR, Ser. khim., no. 6:1348-1351 Ju '68.
- Determination of alkoxy groups in methylhydroxypropyl-cellulose by means of gas-liquid chromatography. A. A. Karimshin, Zhur. anal. khim., 23 no. 7:1072-1076 Ji '68.
- Determination of basic substance in salts by the method of non-aqueous titration. I. I. Pleireva, Prom. khim. rezh., 1 usobn. chisl. vesich., no. 9:85-87 '67.
- Determination of relative adsorption coefficients and the reactivity of allylbenzene, propenylbenzene and allylchlorobenzene in the hydrogenation reaction of nickel catalysts. L. K. I. Ildin, N. M. Nazayeva, M. A. Abduraimova, Izv. AN SSSR, Ser. khim., no. 6:1323-1327 Ju '68.
- Determination of small amounts of dibutyl sabacno by means of high temperature gas chromatography. V. D. Fofanov, N. F. Tolikina, O. N. Helinetska, Zhur. anal. khim., 23 no. 7:1087-1090 Ji '68.
- Gas chromatographic determination of carbonyl compounds in the air. M. T. Dimitrov, N. A. Kirovskii, Zhur. anal. khim., 23 no. 7:1070-1081 Ji '68.
- Gas chromatographic determination of impurities in allyl cyanide. V. S. Mirzafanov, V. A. Grechko, Zhur. anal. khim., 23 no. 7:1095-1097 Ji '68.
- Microdetermination of manganese in organic compounds by the polarographic method. E. A. Toront'ev, T. M. Molodina, Zhur. anal. khim., 23 no. 7:1070-1072 Ji '68.
- Photographic determination of 2,4-bis(5-amino-4-hydroxyethyl)-propane in polymers. L. V. Kanonovskiy and others, Zhur. anal. khim., 23 no. 7:1032-1035 Ji '68.
- Quantitative analysis of organometallic compounds. Simultaneous microdetermination of carbon, hydrogen, and hetero element forming a volatile oxide. N. E. Gorbunov, N. S. Shveleva, N. I. Slivakova, Zhur. anal. khim., 23 no. 7:1067-1070 Ji '68.
- Quantitative determination of esters. G. N. Krupov, Zhur. anal. khim., 23 no. 7:1082-1093 Ji '68.
- Rapid method of determination of monosaccharides in a mixture with reducing non-sugars. B. N. Lashov, V. G. Rubynovich, Gidroliz. i biokhimiya, 21 no. 3:20-21 '68.
- Reactions of hydrogen atoms with solid nitro compounds at -130°C . V. D. Slutskiy and others, Dokl. AN SSSR 181 no. 2:376-378 Ji '68.
- Relative reactivity of CH bonds in isomeric methylmercaptophenols. A. I. Shalenstain and others, Dokl. AN SSSR, 180 no. 6:1379-1382 Je '68.
- Relative retention values of terpenes in various liquid phases. I. I. Dardyshev, V. I. Kulikov, Zhur. anal. khim., 23 no. 7:1081-1084 Ji '68.
- Spectrophotometric method for determining the total carbonyl compounds by means of 2,4-dinitrophenylhydrazine. V. A. Toront'ev, R. K. Andreova, Zhur. anal. khim., 23 no. 7:1080-1091 Ji '68.
- Study of conditions for iodometric determination of camphor hydroperoxide. V. E. Bel'skii, M. N. Borzubova, Zhur. anal. khim., 23 no. 7:1084-1088 Ji '68.
- Study of the potentiometric behavior of perfluorinated dicarboxylic acids in nonaqueous media. M. N. Chelnokova, L. N. Dubrovina, Zhur. anal. khim., 23 no. 7:1076-1078 Ji '68.
- Thermooxidative degradation of some thermally stable organosilicon binding agents. B. A. Kiselev and others, Plast. massy no. 4:25 '68.
- Transformation of organic compounds in sedimentary rocks and the organic substance of graptolites of Dictyonema shales. S. M. Manekala, T. V. Drozdova, Geokhimiya, 11 no. 1:53-62 '62.
- 543.9 Biological biochemical analysis and reactions
- Isolation of harpallin and phenobarbital from biological material. V. I. Popova, Farmaz. zhur., 23 no. 1: 18-21 '68.
- 546 Inorganic chemistry
- Accessory radioactive elements in ilmenites from basic sediments. E. A. Ratchkin, Min. stor., 21 no. 1:104-103 '67.

- Preparation of antimony tribromide in carbon tetrachloride medium. G. E. Rozin, S. M. Arkhipov. *Prom. khim. reak. i osobo chist. veshch.* no. 10-26-30 '87.
- Preparation of highly dispersed carbon by electroreduction of benzene. L. D. Melnikova, D. S. Ioselidze. *Sob. AN Gruz. SSR* 47 no. 3:575-580 '87.
- Preparation of the tellurium of T-Al specification from electrolytic tellurium. T. I. O. N. Brusov. *Prom. khim. reak. i osobo chist. veshch.* no. 10-12-18 '87.
- Preparation of diisole acid. M. G. Likhonina, L. I. Kapranova, L. L. Kravtsov. *Izv. AN SSSR. Ser. khim.* no. 6:1686-1691 Ag '88.
- Preparation of radiogenic argon in glauconites. S. S. Sakhmurov. *Geokhimiya* no. 10:945-948 '83.
- Preparation of radiogenic argon in sybille. T. A. Borshchevskii, S. L. Barilova. *Geokhimiya* no. 11:1055-1057 N '83.
- Reaction of dialkylphosphorus acids with aldehydes and ketones. Part 34. Esters of α -acetoxyethylphosphonic acids. V. S. Abramov, V. I. Shergin. *Zhur. obshch. khim.* 39 no. 4:655-659 Ap '86.
- Reaction of potassium superoxide with hydrogen sulfide. T. P. Finsara and others. *Izv. AN SSSR. Ser. khim.* no. 6:1684-1689 Ag '88.
- Reaction of tetradecane with sulfur. N. A. Dogaikina and others. *Dokl. AN SSSR* 181 no. 2:345-352 JI '88.
- Solubility in the system $K_2SO_4 - H_2SO_4 - H_2O$ at 20° and 80°. V. I. Litvinenko, R. S. Ershanova, A. N. Bukharov. *Izv. AN Kazakh SSR. Ser. khim.* 18 no. 4:1-5 JI-Ag '88.
- Spilling of disulfides in ionic hydrogenation. M. I. Karkina, Z. N. Parnes, D. N. Kuvshinov. *Dokl. AN SSSR* 183 no. 6:1370-1371 Je '88.
- Stability of xerone dithiols in aqueous solutions of hydrochloric acid. A. V. Nikolov, A. A. Orlovskii, A. S. Nazarov. *Dokl. AN SSSR* 181 no. 2:361-363 JI '88.
- Studies in the field of organosulfon compounds. Part 6: Mechanism of the reaction of trialkylsulfanes with aldehydes and ketones. L. I. Lipkin, T. N. Povarnitsyna. *Zhur. obshch. khim.* 38 no. 3:433-447 Mr '88.
- Strength of quartz ceramics as influenced by caking and crystallization. P. P. Dudnikov, I. U. E. Pivinskii, F. T. Gorobits. *Dokl. AN SSSR* 180 no. 6:1411-1414 Je '88.
- Study of silicon and germanium fluoride complexes by the exchange method. N. A. Parplev, I. A. Maestrenko. *Zhb. khim. zhur.* 12 no. 2:6-9 '88.
- Study of the properties of organosulfon compounds by the gas chromatography method. Calculation of heat and entropy for xerones of methyl-, ethyl-, phenyl-, and hydroxy-polydimethyl-, S. L. Melnikova, L. B. Shcherbaya, A. N. Kozlov. *Ukr. khim. zhur.* 31 no. 6:597-612 '88.
- Studying the process of establishing equilibrium in the condensation of gas condensate systems. G. S. Sukhikh-Zaly and others. *Izv. vys. ucheb. zav. i inzh. gaz* 11 no. 2:41-42 '88.
- Synthesis and study of polymerization of diethylsiloxane oligomers and their polymerization with isoprene. K. A. Andriylov, L. A. Gavrilova, E. F. Rodionova. *Izv. AN SSSR. Ser. khim.* no. 8:1780-1791 Ag '88.
- Synthesis and study of the surface chemistry of aminoorganosilanes. V. A. Tatykh and others. *Izv. AN SSSR. Ser. khim.* no. 8:1730-1743 Ag '88.
- Synthesis of arylferrocenylmethylsilanes. V. D. Titov and others. *Izv. AN SSSR. Ser. khim.* no. 6:1497-1501 Je '88.
- Synthesis of cycloalkylsiloxanes. N. S. Nemetkin and others. *Izv. AN SSSR. Ser. khim.* no. 6:1320-1336 Je '88.
- Thermal characteristics of film type germanium transistors. L. V. Novikov, R. S. Smirnova. *Prib. i ust. opt.* no. 1:50-52 Mr '88.
- Thermodynamic characteristics of the reduction process of chlorate by sulfite. G. P. Arkhipova, K. P. Mishchenko, I. E. Filis. *Izv. vys. ucheb. zav. i inzh. khim. tekhn.* 11 no. 4:403-407 '88.

546.3 Metals

- Calcium in alkali metals. H. I. Zlobin, V. I. Lebedev. *Geokhimiya* no. 6:504-513 '82.
- Correlation of granite intrusions on the basis of the determination of the content of lithium and beryllium in micas. V. G. Penelkov. *Geokhimiya* no. 6:497-503 '82.
- Cryoscopic determination of molecular mass of potassium and rubidium superoxides. V. I. Bruner. *Izv. A. I. Sakh. N. E. Shmidt. Izv. AN SSSR. Ser. khim.* no. 8:1684-1685 Ag '88.
- Determination of micropurities in arsenates of rare alkali metals. A. F. Fedashina, T. G. Shirokova. *Prom. khim. reak. i osobo chist. veshch.* no. 9:72-78 '87.
- Determination of the impurity of chlorides in rubidium bromide. K. A. Tshiberskaya. *Prom. khim. reak. i osobo chist. veshch.* no. 10:101-102 '87.
- Dissolubility of silver into iron in the presence of small additions of palladium or copper. V. I. Arkhanov, N. D. Bakskatova. *Uch. zap. ChUGU* no. 50:11-21 '88.
- Distribution of potassium and ammonium in underground waters of Mesozoic and Cenozoic sediments of the Crimean steppe. N. E. Chupis. *Izv. vys. ucheb. zav. i inzh. gaz* 11 no. 3:3-6 '88.
- Double salts formed by rubidium and cesium sulfates with lithium sulfate. I. S. Rassonkova, N. K. Semendina. *Prom. khim. reak. i osobo chist. veshch.* no. 10:73-79 '87.
- Flame photometric analysis of cesium and rubidium arsenates. V. L. Kustas, N. G. Shepeta, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:20-25 '87.

- Flame photometric analysis of high purity rubidium compounds. N. G. Shepeta, V. L. Kustas, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:26-31 '87.
- Flame photometric analysis of rubidium molybdate. V. L. Kustas, R. S. Chucheva, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:15-19 '87.
- Flame photometric method for the analysis of lithium compounds. V. L. Kustas, L. I. Mamolova, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:5-14 '87.
- Gas-chromatographic separation of metal vapors. D. N. Sokolov, M. A. Baidarova, N. A. Vukin. *Izv. AN SSSR. Ser. khim.* no. 6:1433-1437 Je '88.
- Hydrates of secondary-tertiary β -glycols of the acetylene series. G. G. Chichikova and others. *Izv. AN SSSR. Ser. khim.* no. 6:1413-1415 Je '88.
- Preparation of bromide and iodide alkali metal salts using hydrazine as reducing agent. A. I. Vukich, S. M. Arkhipov, L. G. Shcherba. *Prom. khim. reak. i osobo chist. veshch.* no. 10:40-45 '87.
- Preparation of high purity rubidium compounds from rubidium chloride. R. M. Shkova, A. I. Vukich. *Prom. khim. reak. i osobo chist. veshch.* no. 10:54-61 '87.
- Preservation of radiogenic argon in sybille. T. A. Borshchevskii, S. L. Barilova. *Geokhimiya* no. 11:1055-1057 N '83.
- Rare alkali elements. Collection of reports of the 2nd All-Union Conference on Rare Alkali Elements. (October 13-16, 1984) Radiochemical elements. Summ. doklady II Vsesoyuz. soveshchaniya po redkim khimicheskim elementam. (13-16 okt. 1984 g.) Novosibirsk, "Nauka," 1987. 400 p.
- Reaction of potassium superoxide with hydrogen sulfide. T. P. Finsara and others. *Izv. AN SSSR. Ser. khim.* no. 6:1684-1689 Ag '88.
- Radiometric and X-ray data for sodium and potassium perchlorates. V. I. Sokolov and others. *Izv. AN SSSR. Ser. khim.* no. 6:1163-1165 Je '88.
- Solubility of sodium carbonate in water at elevated pressures within 475°-540° C temperature range. M. I. Ravich, F. E. Bozova. *Dokl. AN SSSR* 180 no. 6:1372-1376 Je '88.
- Solubility of tetraalkyl borates of alkaline metals and ammonium in acetone-water mixtures at 25°. A. N. Kirgintsov, V. P. Kozlovskii. *Izv. AN SSSR. Ser. khim.* no. 6:1170-1173 Je '88.
- Solubility of the system $K_2SO_4 - MgSO_4 - H_2O$ at 20° and 80°. V. I. Litvinenko, R. S. Ershanova, A. N. Bukharov. *Izv. AN Kazakh SSR. Ser. khim.* 18 no. 4:1-5 JI-Ag '88.
- Study of the primary products of pulse pyrolysis of ammonium perchlorate by means of transmittance mass spectrometer. V. V. Boldyrov, O. P. Korobovskiy, I. U. E. Pivinskii. *Izv. AN SSSR. Ser. khim.* no. 6:1372-1373 Je '88.
- Synthesis and properties of α -chloroacetone. M. I. Shostakovskii and others. *Izv. SO AN SSSR* no. 14. Ser. khim. nauk no. 0:101-108 Ag '87.
- Thermodynamic characteristics of the reduction process of chlorate by sulfite. G. P. Arkhipova, K. P. Mishchenko, I. E. Filis. *Izv. vys. ucheb. zav. i inzh. khim. tekhn.* 11 no. 4:403-407 '88.
- Use of ammonium citrate, sulfosalicylic and oxalic acids as activators for determining micro amounts of chromium (VI) by kinetic method. E. Jashchuk, E. Bilidene. *Trudy AN I. I. Ser. Ser. B* no. 1:3-9 '88.
- Use of the reagents in order of carbon electrode in the spectral analysis of alkali metal salts. G. V. Lazebnina, E. K. Moskal'chuk, I. G. Udelevich. *Prom. khim. reak. i osobo chist. veshch.* no. 9:67-80 '87.

546.3 (477)—Lithium S. S. R.

- Determination of the absolute age of Romsensk potassium salts. D. P. Khrushchov, B. D. Zaidis. *Geokhimiya* no. 12:1184-1185 D '83.
- Functions of the distribution of lithium, rubidium, and some of the minerals in granites of Kuvshinovskiy Mogily and Yekaterinovka (Azov Sea region). V. P. Kuts, V. S. Mishchenko. *Geokhimiya* no. 12:1124-1130 D '83.
- 546.4 Metals of the second group. Alkali earths
- Comparative characteristics of the extraction capacity of di-n-octylsulfide, di-n-octylsebacate and di-n-octylphosphate in relation to Be (II), Ag (III), Ag, Pd (II), Pt (IV), Ir (IV) from nitric and hydrochloric acid solutions. A. V. Nikolov and others. *Izv. SO AN SSSR* no. 14. Ser. khim. nauk no. 8:120-122 Ag '87.
- Content of manganese, barium, and strontium in alkali rocks of the Kola Peninsula. V. I. Gornimovskii, I. U. I. Beltaev. *Geokhimiya* no. 12:1111-1123 D '83.
- Determination of electrocapillary curves from the shape of the polarization curve of a hanging mercury drop. V. I. Melik-Gakazian, V. V. Voronchikhina, E. A. Zakharova. *Elektrokhimiya* 4 no. 4:479-481 Ap '88.
- Extraction equilibria in the system $CaCl_2 - HCl - H_2O - tributyl phosphate$. S. S. Korovin and others. *Izv. vys. ucheb. zav. i inzh. khim. tekhn.* 11 no. 4:420-425 '88.
- Fluorimetric determination of magnesium with 8-hydroxyquinoline in complex composition objects. D. P. Scherbov, R. M. Plotnikova, T. N. Skvortsova. *Prom. khim. reak. i osobo chist. veshch.* no. 8:186-193 '87.
- Fluorimetric determination of mercury with rhodamine S. A. I. Ivanova, D. N. Perminova, D. P. Scherbov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:174-180 '87.
- Fluorination of 1,1,1-trisubstituted-3-mercury compounds. L. T. Eremenko, F. A. Natsibullin, G. N. Nosovskaya. *Izv. AN SSSR. Ser. khim.* no. 6:1380-1381 Je '88.

- Luminescence of cadmium selenide glasses. G. O. Krasovskiy, A. L. Reishchik, D. M. Ustin. *Prom. khim. reak. i osobo chist. veshch.* no. 8:202-207 '87.
- Micellar structure of peroxide-perchlorate-sulfate-tetraphenylphosphonium. P. P. Tshukov and others. *Dokl. AN SSSR* 101 no. 1:682-684 JI '86.
- Potential determining mechanism in the system zinc-concentrated aqueous solution of alkali. V. I. Mishin, N. A. Ilyepiev. *Uzb. khim. zhur.* 12 no. 2:72-74 '88.
- Potentiometric determination of phosphorus, zinc and lanthanum in phosphoric acid containing lithium. V. S. Litvinova. *Khim. i tekhn. anal. masl.* 13 no. 7:51-54 '88.
- Probable model of a crystalline structure of lithium calcium hypochlorite. M. M. Aleksandrova, G. A. Dmitriyev, R. L. Avolan, Arm. khim. zhur. 21 no. 5:380-385 '88.
- Separation of radioactive lithium from mercury targets. V. I. Plotnikov, A. I. Tshisin, V. P. Novikov. *Izv. AN Kazakh SSR. Ser. khim.* 18 no. 4:76-78 JI-Ag '88.
- Solubility of the system $K_2SO_4 - MgSO_4 - H_2O$ at 20° and 80°. V. I. Litvinenko, R. S. Ershanova, A. N. Bukharov. *Izv. AN Kazakh SSR. Ser. khim.* 18 no. 4:1-5 JI-Ag '88.
- Some problems of magnesium metal-olism in the body. V. G. Kukes. *Sov. med.* 31 no. 4:110-120 Ap '88.
- Spectral method for the determination of S^{2-} . A. G. Zhdankin, A. N. Zaidis, I. G. Kozlov. *Geokhimiya* no. 11:176-181 '83.
- Stoichiometry of oxymetallization of diethoxyethylene. D. Z. Zaidis, V. I. Sokolov. *Izv. AN SSSR. Ser. khim.* no. 6:1285-1288 Je '88.
- Stoichiometry of calcium oxymetallization. M. M. Sychev, V. I. Korovin, V. M. Sychev. *Izv. vys. ucheb. zav. i inzh. khim. tekhn.* 11 no. 4:455-458 '88.
- Study of the effect of peroxides of polymeric metals on acceleration of mercury amalgamation in analytical analysis. A. A. Kuznetsov. *Farmatsevt. zhur.* 22 no. 3:51-56 '87.
- Thermal decomposition of calcium superoxide. A. I. Tshisin, R. P. Vasileva. *Izv. AN SSSR. Ser. khim.* no. 6:1380-1382 Je '88.

546.4 (571-541)—Baryum A. S. S. R.

- Cadmium in the oxidation zone of lithium deposits in Norninsk-Zaibinsk and Khilchinsk areas (new results). T. A. Kuznetsov, A. I. Plotnikov, G. A. Dmitriyev, R. L. Avolan. *Arm. khim. zhur.* 21 no. 5:380-385 '88.
- 546.5 Copper, silver and gold group
- Absorption and spectrophotometric study of interaction between ammonium molybdate and lithium gold films. V. D. Igolovskii, S. I. Orlovskiy, E. E. Kozlov. *Kin. i kat.* 9 no. 2:390-396 Mr-Ap '88.
- Amperometric determination of gold using mercuronitrate. V. M. Tarasov, G. N. Shcherbakova, G. S. Acharian. *Zav. lab.* 34 no. 5:522-523 '88.
- Comparative characteristics of the extraction capacity of di-n-octylsulfide, di-n-octylsebacate and di-n-octylphosphate in relation to Be (II), Ag (III), Ag, Pd (II), Pt (IV), Ir (IV) from nitric and hydrochloric acid solutions. A. V. Nikolov and others. *Izv. SO AN SSSR* no. 14. Ser. khim. nauk no. 8:120-122 Ag '87.
- Compounds of silver with glutathione. T. V. Zegzhela, G. D. Zegzhela, V. M. Shalman. *Dokl. AN SSSR* 170 no. 4:855-857 '88.
- Decomposition of cuprous oxide at high pressures and high temperatures. S. V. Popov, N. I. Serbushina, S. S. Kabanova. *Geokhimiya* no. 10:559-561 D '83.
- Distribution of copper in genetically associated granitoid series. V. I. Serykh. *Geokhimiya* no. 11:1027-1033 N '83.
- Effect of the addition of divalent copper ions on the rate of thermal decomposition and photolysis of silver oxalate. V. V. Boldyrov and others. *Kin. i kat.* 9 no. 2:260-269 Mr-Ap '88.
- Electrochemical activation of copper (II) acid complexes under conditions of liquid phase hydration of acetylene. O. V. Sokolov and others. *Izv. AN Kazakh SSR. Ser. khim.* 18 no. 4:21-26 JI-Ag '88.
- Electrochemical combination method for determination of rhodium in the presence of copper and lead. N. N. Van Ngan, P. N. Kuvshinov, N. A. Lektorskaya. *Izv. vys. ucheb. zav. i inzh. khim. tekhn.* 11 no. 4:382-391 '88.
- Fluorimetric determination of silver in mineral raw material with butylrhodamine S. D. N. Perminova, D. P. Scherbov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:181-185 '87.
- Oxidation of copper (II) by peroxide to trivalent state. G. I. Rozovskii, A. I. Prokopenko, R. Jankovskiy. *Trudy AN I. I. Ser. Ser. B* no. 1:26-34 '88.
- pH of precipitation (solution) and energy properties of ions in elements of the second group and fourth series of the D. I. Mendeleev table. P. N. Kovalenko. *Ukr. khim. zhur.* 34 no. 6:574-582 '88.
- Ratio between anhydrous bright blue modification and copper formate trihydrate. I. V. Erofeyev and others. *Dokl. AN SSSR* 12 no. 6:630-633 Je '88.
- Study of mixed adsorption hydrogenation catalysis. Part 12: Pd-Ag catalysts on aluminum oxide. A. Sh. Grigorov, M. A. Manikyan. *Arm. khim. zhur.* 21 no. 4:463-466 '88.
- Study of the oxidation reaction of resorcinol in the presence of copper. L. P. Plotnikova, K. B. Tshimskii. *Izv. vys. ucheb. zav. i inzh. khim. tekhn.* 11 no. 5:620-623 '88.
- Synthesis and property of copper bromo- and iodo-fluorides. S. S. Baisakov and others. *Dokl. AN SSSR* 181 no. 3:599-602 JI '88.
- Synthesis of oxalates of bivalent nickel, trivalent cobalt, bivalent copper with Schiff bases. V. V. Zolotarev, K. M. Sivorova. *Zhur. obshch. khim.* 38 no. 3:480-487 Mr '88.

- Extraction of pentavalent antimony by alkylphosphoric acids. I. S. Levin, A. A. Shatalova, I. A. Vorshina. Izv. SO AN SSSR no. 14. Ser. khim. nauk no. 6:80-97 Ag '67.
- Extraction of reduced phosphotungstomolybdate heteropolyanions. M. I. Zabeceva, V. I. Savulina. Izv. vuz. khim. i tekhn. 11 no. 5:524-528 '68.
- Flame photometric analysis of antimony compounds. L. I. Mamontova, K. G. Shepela, V. L. Kusina. Prom. khim. reak. i osobo chist. veshch. no. 9:40-43 '67.
- Flame photometric determination of vanadium in vanadium production effluents. V. L. Kusina, G. V. Lazebnina. Prom. khim. reak. i osobo chist. veshch. no. 9:32-34 '67.
- Flame photometric method for the analysis of vanadium pentoxide. L. I. Mamontova, V. L. Kusina, G. V. Lazebnina. Prom. khim. reak. i osobo chist. veshch. no. 9:35-37 '67.
- Fluorescent reaction of zirconium with morphine in the presence of complexon III. R. N. Plotnikova, D. N. Pervinova, D. P. Shcherbin. Prom. khim. reak. i osobo chist. veshch. no. 8:197-201 '67.
- Geometry of nickel and lanthanum in clays. D. N. Plotnikova. Dokl. Akad. Nauk SSSR no. 10:100-102 '63.
- Isomorphism of selenium and tellurium in arsenic. N. V. Nedelkova, R. N. Popova, E. P. Minina. Dokl. Akad. Nauk SSSR no. 11:983-984 '62.
- Luminescence and photochemical properties of complex compounds of thorium with Schiff's bases. O. A. Ostapova and others. Prom. khim. reak. i osobo chist. veshch. no. 8:148-150 '67.
- Mass spectrum of tetraethyltin. I. I. Agafonov and others. Izv. AN SSSR Ser. khim. no. 6:1202-1203 '66.
- Mathematical model of the extraction of zirconium and hafnium by alcohols. I. V. Granovskii and others. Izv. vuz. khim. i tekhn. 11 no. 5:540-550 '68.
- Octahedral Al₂O₃ compound. I. I. Korotkov, N. M. Matveeva. Dokl. AN SSSR 179 no. 4:870-871 '68.
- Oxidation of carbon monoxide on nickel and barium titanates. L. L. Mikhailova and others. Khim. i tekhn. no. 3:563-570 May-June '68.
- Physicochemical study of the ternary system BiCl₃-H₂O-CH₃COOH system. T. A. Dolgova and others. Izv. AN SSSR Ser. khim. no. 6:1108-1110 '66.
- Photographic determination of some organotin compounds. V. A. Burak, P. I. Solov'ev. Khim. i tekhn. no. 3:57-58 '68.
- Preparation of antimony tribromide in carbon tetrachloride. G. R. Rozina, S. M. Arkhipov. Prom. khim. reak. i osobo chist. veshch. no. 10:20-30 '67.
- Preparation of titanium tetrachloride. O. N. Drenov, V. G. Lavrent'ev, A. E. Shumagova. Prom. khim. reak. i osobo chist. veshch. no. 10:17-10 '67.
- Reaction of bis-cyclopentadienylphenyltitanium with triethylaluminum. V. N. Kulnev and others. Dokl. AN SSSR 179 no. 4:875-878 '68.
- Reaction of triethylaluminum with diethylcadmium and triethyltin. V. N. Kulnev, L. P. Kopylov. Zhur. ob. khim. 38 no. 1:844-846 Ap '68.
- Spectra of nuclear quadrupole resonance of C¹³ of some chlorinated organic compounds. G. K. Borisov and others. Izv. AN SSSR Ser. khim. no. 6:1401-1404 '68.
- Spectrographic determination of iron, arsenic, and lead in antimony compounds. G. V. Lazebnina, G. V. Shalilova, I. A. Lazebnina. Prom. khim. reak. i osobo chist. veshch. no. 9:61-66 '67.
- Study of cis-trans isomerism of the complexes of lead tetrachloride with n-bromonaphthalene by the nuclear quadrupole resonance method. I. A. Kravchenko and others. Izv. AN SSSR Ser. khim. no. 6:1271-1277 '68.
- Study of the chlorination process of antimony oxide by chlorine and hydrogen chloride. I. A. Ivanishin, L. I. Kulakova, A. N. Kotelov. Izv. vuz. khim. i tekhn. 11 no. 4:368-381 '68.
- Study of the interaction of titanium ions with phenanthroline by the metal-indicator method. M. I. Shokalo, I. P. Litvinenko. Zhur. ob. khim. 38 no. 4:830-834 '68.
- Study of the processes of electrocatalytic separation of some metals from fused chlorides. Part 1: Separation of lead from the system KCl + NaCl + PbCl₂. R. I. Bek, A. S. Likhits. Izv. SO AN SSSR no. 14. Ser. khim. nauk no. 6:70-76 Ag '68.
- Studying the kinetic regularities of isobutylene oxidation on an iron-antimony-molybdenum catalyst. V. M. Zhilnevskii, D. K. Tolonko, V. V. Folevich. Neftekhimika 8 no. 2:224-228 Mr-Apr '68.
- Synthesis of organotin compounds of the allylic series containing glycol and glycerol radicals. G. F. Rubinschik, Z. M. Manulkin. Zhur. ob. khim. 38 no. 4:841-844 Ap '68.
- X-ray spectral determination of arsenic in antimony compounds. I. G. Lavrent'ev, V. P. Druz, G. V. Poleva. Prom. khim. reak. i osobo chist. veshch. no. 9:77-80 '67.
540. 8(234)—Mountains of Europe
- Distribution of titanium in the Kachkanar titanomagnetite deposits. V. G. Foninikh. Geokhimiya no. 10:363-366 O '63.
546. 8(235)—Mountains of Asia
- Distribution of thorium in minerals of granitoids of the Sumay batolith (central Tien Shan). L. L. Leonova. Geokhimiya no. 6:490-498 '62.
546. 8(271)—Asiatic R. S. F. S. R.
- Uranium and thorium in igneous rocks of western Transbaikalia. V. A. Smirnov. Geokhimiya no. 11:982-988 '62.
548. Elements of the eighth group
- Dehydrocyclization of n-hexane on a palladium tape. V. M. Grigorov and others. Khim. i tekhn. 9 no. 2:415-417 Mr-Apr '68.
- Dehydrocyclization of 2-n-butylnaphthalene on an aluminum-platinum catalyst. I. A. Litvinenko and others. Neftekhimika 8 no. 2:152-157 Mr-Apr '68.
- Isomerization of alpha-olefins in solutions of palladium chloride. I. I. Molisev, A. A. Grigor'ev, S. V. Pesirskov. Zhur. ob. khim. 4 no. 3:354-358 Mr '68.
- Methods for preparation of aqueous solutions of rhodium (III) perchlorate. O. A. Efremenko, V. I. Shlenkova, I. P. Altman. Izv. AN SSSR Ser. khim. no. 8:1673-1678 Ag '68.
- Nature of polymorphic transformation of palladium chloride. I. I. Molisev, A. A. Grigor'ev. Dokl. AN SSSR 178 no. 3:1090-1093 '68.
- Reaction of PdCl₂ with tetra-n-propylphosphine disulfide. I. A. Mina, S. V. Larcenov. Izv. AN SSSR Ser. khim. no. 8:1895-1896 Ag '68.
- Spectrophotometric study of the state of N-methylanthranilic- α -amino-1-naphthyl-5-sulfonate in solutions. Sh. T. Sharipova and others. Uzb. khim. zhur. 12 no. 2:13-15 '68.
- Structure of olefins and their concurrent hydrogenation on an Ir catalyst. L. K. Frohlin, E. F. Litvin, S. K. Titov. Neftekhimika 4 no. 2:155-159 Mr-Apr '68.
- Study of mixed adsorption hydrogenation catalysts. Part 12: Pd-Ag catalysts on aluminum oxide. A. Sh. Grigorian, A. M. Manikyan. Arm. khim. zhur. 21 no. 6:463-466 '68.
- Study of silicon and germanium fluoride complexes by the ion exchange method. N. A. Parplev, I. A. Mastenikov. Uzb. khim. zhur. 12 no. 2:6-9 '68.
- Synthesis of some new complexes of fluorine with rhodium. V. S. Khandarova, S. P. Gubin. Izv. AN SSSR Ser. khim. no. 8:1898-1903 Ag '68.
547. Organic chemistry
- Adsorption of carbon dioxide on platinumized platinum in alkali solution. B. I. Petrovchenko, V. F. Seregin, A. A. Kabanov. Elektrokhimika 4 no. 8:1031-1033 Ag '68.
- Alkylation of monosubstituted aromatic compounds by γ -butyrolactone. Dzh. Z. Lajmanov, Ch. Sh. Kadyrov. Uzb. khim. zhur. 12 no. 2:40-43 '68.
- Alkylation of O-methylallyl diethylphosphates with trimethyl-p-toluenesulfonic acid. O. A. Prib, I. V. Gleskova, R. V. Sedegs. Ukr. khim. zhur. 34 no. 5:497-499 '63.
- Anomalous kinetic phenomena during measuring of the conductance difference of potentials by means of a vibrating electrode. L. I. Bugayevskii, V. I. Margalit. Elektrokhimika 4 no. 1:1013-1016 Ag '63.
- Catalytic effect of alkylpyridines on the reaction of benzoylation of m-chloronitrobenzene. L. M. Litvinenko and others. Zhur. ob. khim. 4 no. 3:402-404 Mr '68.
- Catalytic separation of hydrogen from acid-potassium solutions. I. A. Todorova, A. A. Asatiani. Elektrokhimika 4 no. 8:660-666 Ag '68.
- EPR spectra of the oxidation products of nitrobenzene of some 4,4'-substituted diphenylmethanes. B. I. Shapiro and others. Dokl. AN SSSR 181 no. 3:652-654 '68.
- Effect of carboxylic acids on acylation of aromatic amines by organic sulfoxide halides. L. M. Litvinenko, V. A. Savelova. Zhur. ob. khim. 38 no. 4:737-747 Ap '68.
- Effect of oxidation reactions on the thermal stability of pyrolysis. E. D. Levin, G. D. Litvinenko. Prom. 21 no. 3:15 '68.
- Effect of the preliminary discharge of metal ions on polarographic waves of the organic compound reduction. S. G. Mestakovskii. Elektrokhimika 4 no. 8:930-935 Ag '68.
- Electrocatalytic phenomenon in dimethylformamide. Part 4: Adsorption of noncondensed aromatic hydrocarbons: biphenyl, p-terphenyl, and p-quinaterphenyl. V. D. Bezuglyi, L. A. Korshikov. Elektrokhimika 4 no. 4:454-457 Ap '68.
- Electronic effect of alkyl groups. I. P. Zaitseva, I. K. Anokhina, I. A. Aver'larova. Dokl. AN SSSR 181 no. 1:103-108 '68.
- Features of the reduction of 1,2-dih(3-pyridyl)-ethylene on mercury in alkaline solutions. I. M. Lovinson, G. A. Todorova, A. B. Ershler. Elektrokhimika 4 no. 4:461-464 Ap '68.
- Formation of anedotes in the course of polarographic reduction of 2-phenyl-1,3-indandione. I. K. Tutane, I. A. Stradyn. Elektrokhimika 4 no. 4:398-402 Ap '68.
- Interaction of 2-bromo-1-keto-1,2,3,4-tetrahydrophthalene with piperidine. L. B. Volodarskii, L. S. Berman, V. A. Koptjev. Izv. SO AN SSSR no. 14. Ser. khim. nauk no. 8:109-112 Ag '67.
- Ionization of functional groups of carboxylic-containing tannins. L. I. Shumakov, V. K. Gullimov. Kauch. i rez. 27 no. 7:20 '68.
- Kinetics of the reactions of arylsulfonylchlorides with primary alkylamines in benzene. L. M. Litvinenko, A. P. Popov, L. I. Sorokina. Ukr. khim. zhur. 31 no. 8:595-60 '68.
- Mechanism of acid hydrolysis of vinyl esters. L. P. Kulsh, O. I. Korol'. Ukr. khim. zhur. 31 no. 5:495-497 '68.
- Mechanism of thermal depolymerization of poly- ϵ -caprolactam. I. A. V. Zep'ev, D. M. Khatyarov. Ukr. khim. zhur. 34 no. 5:530-531 '68.
- Method of detecting aldehydes in fats. I. S. Solov'ov, Veterinariya 45 no. 5:100 My '68.
- Mutual adsorption of amine molecules and anilindimethylamines. S. L. Datsina, D. D. Damaakina. Elektrokhimika 4 no. 8:1003-1003 Ag '68.
- Nuclear quadrupole resonance and coordination interaction in the crystals of organometallic derivatives of 2,6-dichlorophenol. D. N. Kravtsov and others. Izv. AN SSSR Ser. khim. no. 6:1703-1708 Ag '68.
- Photographic determination of some organotin compounds. V. A. Burak, P. I. Solov'ev. Khim. i tekhn. no. 3:57-58 '68.
- Prostaglandin. N. S. [Lectures on organic chemistry] Lekcii po organicheskoi khimii. Izd. 2-e, ispr. Moskva, 1967, 186 p.
- Rate of aromatic amine acylation by acrylonitrile halides in dioxane. L. M. Litvinenko, V. A. Savelova. Zhur. ob. khim. 38 no. 4:747-750 Ap '68.
- Reaction of peroxide radicals of ethylbenzene with cobalt oxinate. E. M. Tuchina, L. M. Posinikov, V. I. Shupatnikov. Dokl. AN SSSR. 179 no. 6:1355-1358 Ap '68.
- Structure of anion-radical of difluorodinitrobenzene. I. A. Syrkina and others. Dokl. AN SSSR 181 no. 3:611-623 '68.
- Studies in the field of acyl peroxides. Part 18: Peroxides simultaneously containing diacyl and perester groupings. I. A. O'leko, G. S. Bylina, Zh. I. Balochik. Zhur. ob. khim. 4 no. 3:429-433 Mr '68.
- Study in the field of free acyl radicals. V. N. Dubchenko, V. I. Kovalenko. Zhur. ob. khim. 4 no. 3:381-384 Mr '68.
- Study of the process of electrochemical reduction of carbonyl compounds of the aromatic series by the method of the rotating disk electrode with a ring. Part 2: Study of the cathodic reduction of benzaldehyde in a weak electrolyte. L. N. Nefedova, A. D. Korzun. Elektrokhimika 4 no. 8:906-913 Ag '68.
- System of glues made from chloronitril for gluing rubbers with low properties of adhesiveness to metal during vulcanization. V. A. Glagolev, N. S. Il'in, L. N. Kardin. Kauch. i rez. 27 no. 7:30-31 '68.
- Thermodynamics of the anodic oxidation of hydrocarbon gases in an oxide electrolyte. A. I. L'vov, Elektrokhimika 4 no. 8:937-942 Ag '68.
- 547.1. Generalities
- Benzoylation of ferrocene and synthesis of arylferrocenylmethanes. V. D. Turin and others. Izv. AN SSSR Ser. khim. no. 8:1686-1688 Ag '68.
- Hydrogenation of para-substituted element-containing alkenes on Raney nickel catalyst. K. A. Chernyshev and others. Zhur. ob. khim. 38 no. 3:504-508 Mr '68.
- New ways for the production of organobimetal compounds with organo-transition metal bonds. E. N. Gladyshev and others. Dokl. AN SSSR. 179 no. 8:1333-1335 Ap '68.
- Organoboron compounds. Mechanism of realkylation of boron trialkyls. B. M. Mikhailov, M. F. Kulmova, E. A. Shugova. Dokl. AN SSSR. 179 no. 6:1344-1347 Ap '68.
- PMR spectra of β -chlorovinyl derivatives of mercury and properties of cis- β -chlorovinylmercury chloride. A. N. Mesmetinov and others. Dokl. AN SSSR 176 no. 6:1094-1096 '68.
- Reaction of triethylaluminum with diethylcadmium and triethyltin. V. N. Kulnev, L. P. Kopylov, I. P. Litvinenko. Zhur. ob. khim. 38 no. 4:844-846 Ap '68.
- Reactions of triethylaluminum and its analogs with tetraethyllead. N. S. Viazovskii and others. Zhur. ob. khim. 38 no. 4:806-811 Ap '68.
- 547.2. Acyclic, aliphatic compounds. Saturated alkyl compounds
- Acetylene amines. Report 3: Catalytic synthesis of some α -acetylene amines. V. V. Mozola, A. A. Chetkin. Trudy AN LIT. SSSR Ser. B no. 1:10-24 '68.
- Acid fluorides of phosphoric acid alkyl esters and their derivatives. Zh. M. Ivanova, E. A. Stukalo, G. I. Larkach. Zhur. ob. khim. 38 no. 3:551-555 Mr '68.
- Activity of rhodium catalysts in diethyl sulfide conversion. E. M. Vakurova, T. S. Sukharova, A. V. Mashkina. Khim. i tekhn. 9 no. 3:849-854 My-June '68.
- Adsorption energy of gases and vapors on microporous adsorbents. Report No. 1: Heat of adsorption of propane on synthetic zeolites NaX. M. M. Dubinin and others. Izv. AN SSSR Ser. khim. no. 8:1090-1099 Ag '68.
- Alkylation of toluene by methanol on a technical aluminum-sulfonic catalyst. I. U. N. Sidorenko, P. N. Galich, V. S. Gulyria. Ukr. khim. zhur. 34 no. 6:491-495 '68.
- Alkoxyalkyl (aryl) difluoromonoethers of phosphorus. G. I. Drozd and others. Zhur. ob. khim. 38 no. 3:676-581 Mr '68.
- Amyloids of polyfunctional chloroorganoborohalides. D. A. Zhukin, V. B. Losev. Zhur. ob. khim. 38 no. 4:808-902 Ap '68.
- Anions of dihalomethyl compounds. Part 6: Raman effect spectra. V. V. Melnikov and others. Zhur. ob. khim. 4 no. 3:349-351 Mr '68.
- Arylidene derivatives of hydrazines and hydrazides of the thiazolidine series. I. S. Frankovich, Farnatsev. Zhur. 22 no. 2:11-15 '67.
- Aromethine derivatives of 2-aminofluorenone and 2-aminoanthracene oxide. B. M. Krasovskii, A. I. Ryzaruk. Ukr. khim. zhur. 34 no. 5:483-486 '68.
- Carbonyl functional organotin compounds. Part 3: Reaction of bis (alkylmethylphenyl) disulfonates with mono- and difunctional alcohols. N. P. Smetankina, I. E. Farbovskaya. Zhur. ob. khim. 38 no. 4:811-814 Ap '68.
- Catalytic hydrogenation of isopropene in flow and pulsed systems. V. N. Medvedev, O. D. Sternikov. Izv. AN SSSR Ser. khim. no. 6:1378-1380 Je '68.
- Chemistry of unsaturated compounds. Part 13: Interaction of formaldehyde with divinyl- β -alkoxyethyl vinyl- and β , β -dialkoxyketones in the presence of sulfuric acid. S. A. Vartanian, S. K. Pirentan, R. V. Tokmadzhian. Arm. khim. zhur. 21 no. 6:401-408 '68.

and others. Dokl. AN SSSR 181 no.1-97-99
Jl '88.

Razumov. Zhur.ob.khim. 39 no. 3:622-628 Mr '60.
2408'

Synthesis of polyesters by means of acrylates of sulfonic acids and phosphites. I. V. Milin, G. F. Dokl. AN SSSR 170 no. 2:353-355 '60.

- Synthesis of some saturated and unsaturated esters. M. I. Aliev, I. A. Podobayev, S. Z. Israfilova. *Zhur. ob. khim.* 38 no. 4:883-885. Apr '68.
- Thermal and experimental study of the absolute intensities and isopolarizations of lines in the Raman scattering spectra of polyatomic molecules. Part 5: Acetone and acetone-d₆. V. I. Vakhmeva, S. M. Kals, L. M. Sverdlov. *Opt. i spektr.* 24 no. 4:547-551. Apr '68.
- Thermal decomposition of cyclopentadienylcarbonyl compounds of iron and nickel. G. G. Petukhov, V. I. Ermiolova, R. V. Kapilina. *Zhur. ob. khim.* 38 no. 3:465-470. Mr '68.
- Thermal decomposition of peroxide esters of under-cyclic acid. V. A. Puchin, T. I. Urzhenko, V. A. Oseleka. *Zhur. ob. khim.* 38 no. 3:463-465. Mr '68.
- Thermal transformations of methylphosphonic acid amide esters. L. F. Turchina, P. M. Zavlin, V. V. Razumovskii. *Zhur. ob. khim.* 38 no. 3:564-566. Mr '68.
- Thermochromic properties of sulfone and gem-dibromovinyl sulfones in the Arhusov rearrangement. E. G. Kalyayev and others. *Dokl. AN SSSR* 176 no. 1:862-865. '68.
- Transformations of disulfonates. Part 5: Some esters and amides of methanedisulfonic acid. G. T. Esina, E. E. Oganesian. *Arm. khim. zhur.* 21 no. 5:363-366. '68.
- Zinc, cadmium, and mercury alcoholates. E. P. Turayeva, N. A. Turova, A. V. Novoselova. *Izv. AN SSSR Ser. khim.* no. 8:1667-1673. Apr '68.
- 547.3 Unsaturated (alkene and alkyne) compounds**
- Acetylene-alkene rearrangement in case of interaction of trichloroethylene with acetylene compounds. T. K. Bar, I. A. Lutsu, V. I. Mironov. *Izv. AN SSSR Ser. khim.* no. 6:1336-1342. Je '68.
- Addition of methyl- and phenylsilyl chloride to methacrylic acid and its derivatives. M. G. Lin'kova and others. *Izv. AN SSSR Ser. khim.* no. 8:1872-1874. Apr '68.
- Behavior of impurities of pyrolysis acetylene in catalytic solutions of the industrial synthesis of vinylacetylene and chloroprene. Part 2: Solubility of divinyl in aqueous solutions of chlorous copper. A. S. Tarkhanian, A. N. Likhacheva, A. K. Poroshin. *Arm. khim. zhur.* 21 no. 8:531-535. '68.
- Chemistry of unsaturated compounds. Part 13: Addition of some α -chloroethers to acetylene. S. A. Vartanian, A. O. Tounian, L. M. Kosolochka. *Arm. khim. zhur.* 21 no. 5:397-400. '68.
- Chemistry of unsaturated compounds. Part 13: Interaction of formaldehyde with divinyl-, β -alkoxyethylvinyl- and β , β' -dialkoxyketones in the presence of sulfuric acid. S. A. Vartanian, S. K. Pirenian, R. V. Tokmadzhian. *Arm. khim. zhur.* 21 no. 5:401-406. '68.
- Composition and structure of substance obtained from ethylene. Part 2: Dehydration of ethylene aldehyde. V. I. Sibirskiy, L. F. Kaufman, S. O. Kuznetsov. *Zhur. ob. khim.* 38 no. 4:766-770. Apr '68.
- Cyclization of isoprenoid compounds. Report No. 21: Cyclization of formosyl acetal esters under the action of cationic initiators. M. Z. Krimer and others. *Izv. AN SSSR Ser. khim.* no. 8:1332-1337. Je '68.
- Determination of relative adsorption coefficients and the reactivity of allylbenzene, propenylbenzene and allyl-cyclohexane in the hydrogenation reaction of nickel catalysts. I. Kh. Freidlin, N. M. Nazanova, M. A. Abdalimova. *Izv. AN SSSR Ser. khim.* no. 6:1223-1227. Je '68.
- Dipole moments of organometallic acetylenes containing tin, phosphorus, and halogens at triple bond. K. S. Mingalova and others. *Zhur. ob. khim.* 38 no. 3:606-608. Mr '68.
- Effect of the polarity of the medium on oxidation rate of unsaturated compounds. G. E. Zalkov and others. *Izv. AN SSSR Ser. khim.* no. 8:1743-1748. Apr '68.
- Gas-liquid chromatography of acetylene compound. B. A. Rudenko and others. *Izv. AN SSSR Ser. khim.* no. 8:1174-1177. Je '68.
- Hydration of acetylene analogs of triphenylmethane dyes. I. A. Polotskaya, O. F. Ginzburg. *Zhur. ob. khim.* 4 no. 3:440-445. Mr '68.
- Hydration of vinylphenylacetylene and isopropenylphenyl-acetylene. I. A. Pavlova and others. *Zhur. ob. khim.* 4 no. 3:368-371. Mr '68.
- Hydrazides of methylphosphonic and dimethylphosphonic acid esters. M. A. Englin and others. *Zhur. ob. khim.* 35 no. 4:809-871. Apr '68.
- Intramolecular hydrogen bonds in oxynalvinyl ethers and 2-oxoethylvinyl sulfide. M. F. Shostakovskii and others. *Dokl. AN SSSR* 186 no. 6:1378-1379. Je '68.
- Isomerization of alkenylcyclopropanes in free radical addition reactions. I. S. Likhachev and others. *Dokl. AN SSSR* 176 no. 4:882-883. '68.
- Isomerization of alpha-olefins in solutions of palladium chloride. I. I. Moiseev, A. A. Grigor'ev, S. V. Pezrikov. *Zhur. ob. khim.* 4 no. 3:354-359. Mr '68.
- Isomerization of butenes in the process of 2-butanone dehydration on X- and Y-type zeolites. Z. V. Glazanova and others. *Izv. AN SSSR Ser. khim.* no. 8:1231-1234. Je '68.
- Kinetics and mechanism of the oxidative dehydrogenation of n-butenes into butynol on mixed oxide catalysts. Part 1: Catalytic properties of the system $\text{MoO}_3\text{-Bi}_2\text{O}_3$ and kinetic regularities of oxidative dehydrogenation of α -butylene into butynol. A. N. Mal'lan, I. U. Bakshi, A. I. Gol'dshel'm. *Kin. i kat.* 9 no. 3:685-694. My-Je '68.
- Kinetics of addition of unsaturated compounds to alkyldihydrocycloazanes. E. P. Lebedev, V. O. Rotkhefeld. *Zhur. ob. khim.* 38 no. 3:555-562. Mr '68.
- Kinetics of hydrolysis of vinylalcohol and vinyl acetate in catalysis by mercury salts. I. P. Smolchenko, A. K. Rozashtva, L. A. Khim. *Zhur.* 34 no. 5:450-456. '68.
- Kinetics of thermal and radiation-induced adsorption of ethylene and propylene on 7-oxide of aluminum. I. U. Kollonovskii, I. S. Pelek, V. I. Shabardina. *Neftekhimika* 6 no. 2:276-282. Mr-Apr '68.
- Mechanism of interaction between dehydrochloroacetic and isopropenyl ether. M. I. Zaitarova and others. *Dokl. AN SSSR* 181 no. 3:607-608. Je '68.
- Mechanism of the reaction of ethylene oxide with phenols. N. N. Lebedev, P. F. Shveta. *Kin. i kat.* 9 no. 3:504-510. '68.
- New functionally substituted vinyl ethers and sulfides on the basis of sulfur analogs of glycols. M. F. Shostakovskii and others. *Izv. AN SSSR Ser. khim.* no. 8:1852-1856. Apr '68.
- New method of initiation of telomerization reaction of ethylene with ketones. M. A. Desnaryanov, P. V. Kharlamov, N. F. Kenov. *Izv. AN SSSR Ser. khim.* no. 8:1769-1772. Apr '68.
- New method of synthesizing N-alkylpyrroles based on 1,4-dibromo-1,2-butadiene and products of its oxidation. F. S. Vostanlian, M. V. Mavrov, V. F. Kucherov. *Izv. AN SSSR Ser. khim.* no. 8:1838-1846. Apr '68.
- Oxidation of acetaldehyde and n-butyraldehyde by catalyzed hydrogenation of acetone aldehyde with ethanol. I. U. V. Cherkov, V. I. Glazanova. *Neftekhimika* 6 no. 2:203-209. Mr-Apr '68.
- 1,3-Dipolar additions to unsaturated compounds. Part 19: Reactions of organic azides with lithium acetylides. G. S. Akhmedova, V. N. Chibrikov, A. A. Petrov. *Zhur. ob. khim.* 4 no. 3:389-393. Mr '68.
- Oxidative dehydrogenation of butenes into 1,3-butadiene on a mixed oxide catalyst at increased temperatures. V. V. Sadovnikov and others. *Neftekhimika* 6 no. 2:174-176. Mr-Apr '68.
- Reaction between 1,3-dioxolanes and Norman's reagent. M. F. Shostakovskii and others. *Izv. AN SSSR Ser. khim.* no. 8:1894-1896. Apr '68.
- Reaction of alkoxy and cyanoalkyltriphosphorophenolates with acid halides of haloacetic acids. Synthesis of phosphorane-phosphonate salts and bis-phosphonates. V. N. Litvin, A. V. Dombrovskii. *Zhur. ob. khim.* 38 no. 3:601-605. Mr '68.
- Reaction of difluoroacetylacetone with butadiene in the gas phase and some transformations of the reacting adduct. A. V. Fokis, A. T. Uzun. *Zhur. ob. khim.* 38 no. 4:636-639. Apr '68.
- Reaction of phenyl and p-tolylchlorophosphine with acrylic acid amide. V. K. Khatriullin, T. I. Sobolev, A. N. Podolskii. *Zhur. ob. khim.* 38 no. 3:581-590. Mr '68.
- Reaction of trifluoroacetone with amines. Part 4: Reactions of trifluoroacetone with hydrazine, hydroxylamine, and their derivatives. S. P. Mukhinov and others. *Zhur. ob. khim.* 38 no. 4:700-705. Apr '68.
- Reaction of unsymmetrically disubstituted hydrazines with derivatives of α , β -unsaturated acids. Part 7: Synthesis of N,N-dimethylhydrazide of acrylic acid and its derivatives. I. A. Ovsinnikov, T. A. Sokolova, N. P. Zaporozhova. *Zhur. ob. khim.* 4 no. 3:459-462. Mr '68.
- Reactions of phosphorus acid heterocyclic compounds with unsaturated compounds. A. N. Dubovik, V. K. Khatriullin. *Ksp. khim.* 37 no. 5:745-777. My '68.
- Regularities in transformations of acetylene in the pyrolysis of ethylene. I. U. V. Lampol'skii, I. U. V. Makal'mov, K. P. Lavrovskii. *Dokl. AN SSSR* 170 no. 8:1362-1366. Apr '68.
- Single step dehydration of butane mixed with a hydrogen-alkene acceptor on a chromium-aluminum catalyst. O. K. Khatriullina, K. P. Lavrovskii, A. I. Rozental'. *Izv. AN SSSR Ser. khim.* no. 8:1227-1230. Je '68.
- Structure of latex particles and mechanism of emulsion polymerization. V. I. Eliseeva, N. G. Zhornitska, V. M. Luk'novich. *Dokl. AN SSSR* 178 no. 6:1113-1115. '68.
- Structure of olefins and the rate of their hydrogenation in the presence of a platinum catalyst. E. F. Litvin, I. Kh. Freidlin, S. K. Tiliaev. *Izv. AN SSSR Ser. khim.* no. 6:1220-1223. Je '68.
- Structure of olefins and their concurrent hydrogenation on a Pt catalyst. I. Kh. Freidlin, E. F. Litvin, S. K. Tiliaev. *Neftekhimika* 6 no. 2:155-161. Mr-Apr '68.
- Structure of the products of radical propylene telomerization by carbon tetrachloride. B. A. Englin and others. *Izv. AN SSSR Ser. khim.* no. 8:1231-1234. Je '68.
- Studies in the chemistry of organic oxides. Part 28: Addition of alkylchloroacetates to divinyl and chloroprene oxides. A. V. Bryukovskaya, V. M. Al'tshel'm. *Zhur. ob. khim.* 38 no. 4:893-895. Apr '68.
- Studies in the field of phosphorus and phosphinic acid derivatives. Part 53: Esters of cyclophosphorus acid and their synthesis and properties. B. G. Liorer and others. *Zhur. ob. khim.* 38 no. 3:878-883. Apr '68.
- Studies in the field of synthesis and transformations of unsaturated organosilicon and organogermanium compounds. Part 49: Synthesis and transformations of some unsaturated alkoxy derivatives of tetraalkylsiloxanes. I. A. Shchegolev, G. F. Ankerov, S. V. Garanova. *Zhur. ob. khim.* 38 no. 3:639-643. Mr '68.
- Studies in the field of unsaturated organosilicon compounds. Part 20: Kinetics of the bromination of 1,3-enyne silicon hydride and of some of their hydrocarbon analogs. N. N. Beliaev, M. D. Stadelchuk, A. A. Petrov. *Zhur. ob. khim.* 38 no. 4:898-893. Apr '68.
- Study of acetylene hydration on mixed molybdate catalysts in a vapor gas phase. A. N. Sorbaev, I. P. Kirillov. *Izv. vys. ucheb. zav. i khim. i khim. tekh.* 11 no. 4:443-448. '68.
- Study of catalytic hydropolymerization of ethylene in the presence of labeled C^{14} of carbon monoxide. G. V. Isagullants and others. *Izv. AN SSSR Ser. khim.* no. 6:1234-1240. Je '68.
- Study of the hydrogenation of acetylene compounds. Part 3: Effect of the temperature and partial pressure of hydrogen on the rate and selectivity of dimethyl-ethylcarbinol hydrogenation on a palladium catalyst. G. V. Mavlatov, G. A. Chukadzhian, A. A. Aleksanin. *Arm. khim. zhur.* 21 no. 6:474-480. '68.
- Study of the preparation process of acetylene by thermooxidizing pyrolysis of natural gas under pressure. V. I. Afroshechenko, V. I. Chisovskikh. *Izv. vys. ucheb. zav. i khim. i khim. tekh.* 11 no. 4:438-442. '68.
- Study of the reaction kinetics of the addition of α -chloro-dimethyl ether to 2-chloro-1,3-butadiene. A. Z. Shakhmomedbekova, M. S. Baltalova, L. N. Vorob'ev. *Zhur. ob. khim.* 4 no. 3:410-415. Mr '68.
- Studying the dynamics of the adsorption of hexano-hexene mixtures on Na-X zeolites. G. S. Pavlova and others. *Neftekhimika* 6 no. 3:270-275. Mr-Apr '68.
- Studying the kinetic regularities of isobutylene oxidation on an iron-antimony-molybdenum catalyst. V. M. Zhilnevskii, D. K. Tolstok, I. V. Polevich. *Neftekhimika* 6 no. 2:224-228. Mr-Apr '68.
- Studying the mechanism of propylene decomposition in the presence of ethanol. R. A. Kuznetsov and others. *Neftekhimika* 6 no. 2:204-215. Mr-Apr '68.
- Surface effect of the kinetics of the thermal decomposition of acetylene. I. U. V. Makal'mov, I. U. V. Lampol'skii, K. P. Lavrovskii. *Izv. AN SSSR Ser. khim.* no. 8:1202-1211. Je '68.
- Synthesis and bromination of allylfluoromethylacetylenes. V. A. Konovalov, I. U. V. Makal'mov, A. A. Petrov. *Zhur. ob. khim.* 38 no. 4:703-705. Apr '68.
- Synthesis and properties of α -chloroacrolein. M. F. Shostakovskii and others. *Izv. AN SSSR Ser. khim.* no. 8:1892-1894. Apr '68.
- Synthesis and properties of vinyl ethers of the furan and tetrahydrofuran series. V. G. Glazanova and others. *Izv. AN SSSR Ser. khim.* no. 8:1382-1384. Je '68.
- Synthesis of amides of amino acids. L. F. Golovinskikh. *Zhur. ob. khim.* 12 no. 2:38-39. '68.
- Synthesis of higher vinyl acetal polymers. M. F. Shostakovskii and others. *Izv. AN SSSR Ser. khim.* no. 8:1894-1896. Apr '68.
- Synthesis of some α , β -unsaturated aromatic nitro-alcohols. V. F. Lavrovskii, I. M. Kuznetsov, L. M. Gryn. *Kin. i kat.* 34 no. 3:273-275. '68.
- Thermodynamic characteristics of complexes with charge transfer between chlorine and olefins. G. H. Serikov, I. U. V. Makal'mov. *Tekhn. i khim. i khim. i khim. i khim.* 1 no. 3:405-407. My-Je '68.
- Transamination and amide interaction of cycloolefins during mass spectrometry. I. U. V. Makal'mov and others. *Zhur. ob. khim.* 38 no. 4:770-776. Apr '68.
- Trans- β -bromovinylphenyl sulfone and gem-dibromovinyl sulfones in the Arhusov rearrangement. I. G. Kalyayev and others. *Dokl. AN SSSR* 176 no. 1:862-865. '68.
- Use of thermography for studying the reaction of olefin synthesis. Part 1: Reaction of olefins with some derivatives of acrylate and maleic acids. A. V. Puzhenkov, D. A. Arhazov. *Zhur. ob. khim.* 38 no. 3:421-426. Mr '68.
- Using methods of statistical dynamics for determining dynamic characteristics of an extractor in the production of technylene. M. G. Guseinov, Sh. I. Ibrahimov, V. I. Kozlovskiy. *Zh. tekh. prog.* 3 no. 7:1-4. Je '68.
- Vibrational spectrum of nitroethylene. V. A. Shilovskikh, V. O. Osipov. *Izv. AN SSSR Ser. khim.* no. 8:1870-1871. Apr '68.
- 547.4 Polyunsaturated acyclic compounds**
- Addition of nitroalkanes to formaldehyde. I. S. Ivanova, L. S. Simionova. *Izv. AN SSSR Ser. khim.* no. 8:1003-1010. Apr '68.
- Alkyl carbonates. V. I. Kurov, V. S. Tsurkan. *Dokl. AN SSSR* 178 no. 3:40-45. '67.
- Amino acids and peptides. Part 1: Synthesis of completely protected nonapeptides of the oxidized series with 3-nitro-L-tyrosine in position 2. O. A. Kurov, V. I. Mar'kov, V. D. Morozov. *Zhur. ob. khim.* 38 no. 4:740-743. Apr '68.
- Amino acids and peptides. Part 2: Synthesis of protected nonapeptides of the oxidized series with sarcosine and N-methyl-L-norvaline in position 7. O. A. Kurov, I. M. Lushchinskaya, V. F. Mar'kov. *Zhur. ob. khim.* 38 no. 4:724-727. Apr '68.
- β -Decay of N-allyl-substituted cyclo and linear urethanes. V. F. Mironov and others. *Dokl. AN SSSR* 181 no. 1:115-118. Je '68.
- Benzoic-like oxido reactions with fluoroketones and their imines. L. A. Simionov, I. U. V. Zolman, M. P. Gambaian. *Izv. AN SSSR Ser. khim.* no. 8:1910-1918. Apr '68.
- Catalytic action of amino acids and amines. Part 20: Kinetics and mechanism of the reaction of trioses with amino acids. N. A. Kozhina, I. V. Mol'chenko, A. A. Ivanov. *Zhur. ob. khim.* 34 no. 3:263-273. '68.
- Chemistry of ketones of the luranidine series. Part 5: Reaction of diphenylhydrazomethane with 2,5,5-trimethylfuranidine-3,4-diones. I. K. Korotkiy, O. P. Studzinskii. *Zhur. ob. khim.* 4 no. 3:524-528. Mr '68.
- Chemistry of unsaturated compounds. Part 13: Addition of some α -chloroethers to acetylene. S. A. Vartanian, A. O. Tounian, L. M. Kosolochka. *Arm. khim. zhur.* 21 no. 5:397-400. '68.
- Copolymerization of trifluoropropylene oxide with propylene oxide, epichlorohydrin, allyl glycidyl ether, and tetrahydrofuran in the presence of FeCl_3 . V. A. Ponomarev, A. M. Khomutov, N. A. Zadornizhny. *Izv. AN SSSR Ser. khim.* no. 8:1847-1851. Apr '68.
- Determination of the reaction capacity of the guanidine group in thermally inactivated insulin. M. F. Plokan, P. A. Babin. *Khim. i farm. zhur.* 2 no. 2:44-46. Je '68.

- 547.4 (Continued)
- Electronic charges of bonds and spectroscopic characteristics of organic compounds. Report No. 2: Chemical shifts in PMR spectra of metallo- and halo derivatives of alkanes and compounds with π -bonds. G. V. Bykov. Izv. AN SSSR Ser. khim. no. 8:1773-1778 Ag '68.
- Ethylentimine derivatives. Report No. 6: Diethylentimides of pyrimidin-5-antidiphosphoric acids. I. A. Mamayeva, N. V. Sazonov, A. A. Kropacheva. Khim.-farm. zhur. 2 no. 2:31-34 F '68.
- Examination of γ -haloethiminoethanes and some properties of 1-fluoro-3,3,3-trimethylpropane. L. T. Kromerova, F. A. Natsuballin, G. N. Kesterevko. Izv. AN SSSR Ser. khim. no. 6:1362-1363 Je '66.
- Hydration of primary-tertiary and secondary-tertiary acetylenic γ -glycols. V. M. Vlasov and others. Zhur. org. khim. 4 no. 3:365-368 Mr '68.
- Hydration of secondary-tertiary acetylenic delta glycols. V. M. Vlasov, and others. Zhur. org. khim. 4 no. 3:382-385 Mr '68.
- Infrared absorption spectra of selectively substituted cellulose nitrates and their model compounds. Z. I. Kuznetsova and others. Izv. AN SSSR Ser. khim. no. 6:1301-1305 Je '68.
- Interaction of diluted solutions of uranyl salts with cellulose and some esters of cellulose. P. F. Andreev, E. M. Bogdanov, E. M. Nogozina. Geokhimiya no. 6:515-517 '62.
- Interaction of some chlorohydrates with urea. V. S. Reznik, N. G. Pashkurov. Izv. AN SSSR Ser. khim. no. 6:1327-1329 Je '68.
- Interaction of thionurea and N,N'-diethylthiourea with compounds containing the bond of S- and N-halogens. B. V. Kopylov, M. N. Khazanova, R. Kh. Froldina. Uzb. khim. zhur. 12 no. 2:29-34 '68.
- Interaction of 2,2-dimethylglyoxime with ethylenimides of dialkylphosphoric acids. I. A. Nureldinov, K. P. Grechkin. Izv. AN SSSR Ser. khim. no. 6:1363-1366 Je '68.
- Isoallosteric constants of N-acyl glycine derivatives. It. I. Klargin, I. V. Vikha. Izv. AN SSSR Ser. khim. no. 6:1245-1250 Je '68.
- Isoallosteric constants of some γ , γ -dialkylpropyl derivatives in water. V. I. Slozetskii, I. S. Ivanova. Izv. AN SSSR Ser. khim. no. 8:1735-1739 Ag '68.
- Ketoldehydes. Part 5: Homologs of trans-10-hydroxy-2-octol acid. D. G. Kovalev, E. M. Al'fmark, A. A. Shumel'man. Zhur. org. khim. 4 no. 3:397-401 Mr '68.
- Kinetics and mechanism of the catalytic reduction of carbon tetrachloride. M. A. Desprozannyi, V. V. Khairamov, N. F. Konov. Izv. AN SSSR Ser. khim. no. 6:1765-1768 Ag '68.
- Kinetics and mechanism of the reaction of cyanamide with aniline in aqueous solutions. M. U. Ivanov, V. G. Golov, I. I. Mushkin. Kin. i kat. 9 no. 3:881-884 My-Ju '68.
- Kinetics and mechanism of the reaction of cyanamide with hydrazine. V. G. Golov, M. G. Ivanov. Kin. i kat. 9 no. 2:240-244 Mr-Apr '68.
- Kinetics of 1-dimethylamino-2,2-dimethylpropane decomposition in water and the ultraviolet spectra of some β -nitroamine in aprotic solutions. M. M. Dolgova and others. Izv. AN SSSR Ser. khim. no. 6:1199-1206 Je '68.
- Mechanism of certain types of enzymatic. R. T. Zil'kayev, G. I. Sorokin. Dokl. AN SSSR 181 no. 2:353-355 Ji '68.
- Mechanism of formation of crotonic aldehyde, furan, and tetrahydrofuran in the catalytic dehydration of 2-bromo-1,4-diol. V. Z. Sharf, L. Kh. Froldina, A. A. Nazarian. Khimicheskii 8 no. 2:258-262 Li-Ju '68.
- Methods of production and chemical properties of aliphatic halonitrile compounds. G. A. Shrekgelmier and others. Usp. khim. 37 no. 5:816-839 My '68.
- Methods of the preparation of alkyl esters of oxalic acid. P. P. Rostov, V. M. Konechnina, A. P. Larkova. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 11 no. 6:615-616 '68.
- Molecular experiments for studying the transformation of amino acids and sugars in wines. S. T. Gerasimov, V. I. Nizov. Trudy VNIIV "Magarach" 15:152-163 '67.
- Monosaccharides. Report No. 16: Interaction of methoxy-methylmethylphenyl phosphoric acid with 2,3,4,5-isopropylidene- α -D-arabinofuranose. B. A. Dmitriev, N. N. Asceva, N. K. Kochetkov. Izv. AN SSSR Ser. khim. no. 6:1342-1345 Je '68.
- New fluorescent complexons. I. A. Temkina and others. Prom. khim. reak. i esob. chisl. veshch. 10:810-104 '67.
- New functionally substituted vinyl ethers and sulfides on the basis of sulfur analogs of glycols. M. F. Shostakovskii and others. Izv. AN SSSR Ser. khim. no. 8:1852-1856 Ag '68.
- New method of initiation of telomerization reaction of ethylene with halomethanes. M. A. Desprozannyi, V. V. Khairamov, N. F. Konov. Izv. AN SSSR Ser. khim. no. 8:1769-1772 Ag '68.
- Obtaining substituted ureas by using carbon monoxide. I. B. Romanova, I. V. Penskaya, I. Kh. Froldina. Uzb. khim. zhur. 12 no. 1:49-51 '68.
- On the determination of alkoxyl groups. M. N. Chumachenko, L. V. Kolesnik. Izv. AN SSSR Ser. khim. no. 8:1874-1875 Ag '68.
- Organic insecticides. Some derivatives of guanine. Part 2. L. A. Kiselev and others. Zhur. org. khim. 4 no. 3:469-474 Mr '68.
- Photochemical reactions in frozen solutions of some amines. A. K. Plakunov and others. Dokl. AN SSSR, 180 no. 6:1398-1401 Je '68.
- Polarographic study of aliphatic nitro compounds. Report No. 2: Reduction of trinitromethane in nonbuffer media. V. A. Petrosian and others. Izv. AN SSSR Ser. khim. no. 8:1721-1728 Ag '68.
- Polyfluoroazo compounds. Part I: Condensation of polyfluorotrioxolanes with primary amines. V. A. Glinburg, N. F. Privezeniseva. Zhur. ob. khim. 38 no. 4:832-836 Ap '68.
- Polymerization of lactones. II. N. Sazonov. Usp. khim. 37 no. 6:1084-1086 Ja '68.
- Preparation and properties of β -methyl- β -propiolactone. M. G. Larkova, I. L. Kuntians. Izv. AN SSSR Ser. khim. no. 6:1089-1090 Ag '68.
- Preparation of lactic acid. M. G. Larkova, L. I. Gapanovich, I. L. Kuntians. Izv. AN SSSR Ser. khim. no. 8:1886-1887 Ag '68.
- Pyridinium salts of arylaminothiuronium as dyes for cellulose fibers. R. A. Petrova, A. A. Ivanova, V. F. Borodkin. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 11 no. 5:591-593 '68.
- Quantitative determination of dicarboxylic acid esters and analysis of their mixtures in medium of nonaqueous solvents. A. P. Krestkov, N. A. Kazarian, K. N. Shul'eva. Piest. energy no. 4:53-55 '68.
- Racemic dioxymino sugars. Part 2: Obtaining DL- α -ethyl-3-dimethylamino-6,6,6-trichloro-3,4,4-trideoxy- α -xylopyranoside. V. D. Mochalin, M. N. Porshnov, G. I. Samokhvalov. Zhur. ob. khim. 38 no. 3:427-428 Mr '68.
- Reaction of difluorochloroacetone with butadiene in gas phase and some transformations of the resulting adduct. A. V. Fokin, A. T. Uzun. Zhur. ob. khim. 38 no. 4:836-839 Ap '68.
- Reaction of ethylene oxide with nitro alcohols. M. S. Malinovskii, A. G. Blazina, A. M. Karchagina. Ukr. khim. zhur. 34 no. 5:469-474 '68.
- Reaction of trichlorophosphazene-1,2,2-tetrachloroalkanes with alcohols. V. I. Shevchenko, A. A. Kovalev, A. V. Kirsanov. Zhur. ob. khim. 38 no. 3:555-560 Mr '68.
- Reaction of unsymmetrically disubstituted hydrazines with derivatives of α , β -unsaturated acids. Part 7: Synthesis of N,N-dimethylhydrazide of acrylic acid and its derivatives. L. A. Ovsianikova, T. A. Sokolova, N. P. Zaporozhova. Zhur. org. khim. 4 no. 3:459-462 Mr '68.
- Reactions of ethylene glycol and alkanolamines with full esters and amides of phosphoric acid. N. P. Grechkin, R. R. Shagidillo, G. S. Gubanov. Izv. AN SSSR Ser. khim. no. 8:1707-1708 Ag '68.
- Reducing power of aldoes. A. K. Tul'chinskii. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 11 no. 6:556-559 '68.
- Reduction of organochlorine compounds by the hydrogen donor-transient element compound systems. R. Kh. Froldina and others. Izv. AN SSSR Ser. khim. no. 6:1199-1206 Je '68.
- Spectrographic study of interaction between acetylaminyl chloride and glycine. I. S. Sukhanov, I. I. Martynenko, V. Kh. I. Spitsyn. Dokl. AN SSSR 179 no. 2:389-392 '68.
- Splitting of disulfides in ionic hydrogenation. M. I. Kalkin, V. N. Parnes, D. N. Kirsanov. Dokl. AN SSSR, 180 no. 6:1370-1371 Je '68.
- Structure of the products of radical prepolymerization initiated by carbon tetrachloride. R. A. Engin and others. Izv. AN SSSR Ser. khim. no. 6:1251-1261 Je '68.
- Studies in the bis(arylsulfonyl) methane series. Part 5: Synthesis of arylamides of bis(arylsulfonyl)thioic acid and nitrile acids. R. G. Dubenko, V. M. Kepliov, P. S. Pol'kis. Zhur. org. khim. 4 no. 3:453-456 Mr '68.
- Study of the chemical structure of alcohols. Part 22: Features of the formation of ion complexes of peptides and cyclopeptides and their antimicrobial properties. M. A. Poddubnina and others. Zhur. ob. khim. 38 no. 4:732-737 Ap '68.
- Study of the chemical structure of the antibiotic althomycin. Part 20: Synthesis of tri- and hexapeptides with different configuration of amino acids (serine and ornithine). A. Khimov, M. El' Naggar, N. A. Poddubnina. Zhur. ob. khim. 38 no. 3:444-450 Mr '68.
- Study of the chemical structure of the antibiotic althomycin. Part 21: Synthesis and study of the properties of serine and ornithine cyclohexapeptides. S. A. Poddubnina, A. Khimov, M. El' Naggar. Zhur. ob. khim. 38 no. 3:450-456 Mr '68.
- Study of the hydrogenation of acetylene compounds. Part 4: Hydrogenation of butyne-1,4-diol on a palladium catalyst. G. V. Mostan and others. Arm. khim. zhur. 21 no. 6:481-489 '68.
- Substances with complex-forming capacity. Part 12: α -hydroxy 1-ethyl-1-dimethylamino-2,2,2-trichloroacetic acid. V. F. Vasil'ova and others. Zhur. ob. khim. 38 no. 3:473-478 Mr '68.
- Sugar. M. Marshak. Zakup. sol'khoz. prod. no. 2:48-48 F '68.
- Synthesis and study of some α -substituted γ -butyrolactone- α -carboxylic acids. T. N. Rozanova, I. T. Strukov. Khim.-farm. zhur. 2 no. 3:20-23 Mr '68.
- Synthesis and transformations of some esters of α -hydroxy-lactulic acid. O. V. Kuz'michev, B. F. Gaidukovich, M. I. Farbovov. Zhur. org. khim. 4 no. 3:455-459 Mr '68.
- Synthesis of isothiocyanate compounds with substituents in the benzene ring. R. Kh. Froldina, R. V. Kopylova, M. N. Khazanova. Izv. AN SSSR Ser. khim. no. 6:1910-1913 Ag '68.
- Synthesis of α -lactones. Part 3: Condensation of 3-alkyl- β -methyl-3,4-dehydro-pyrones with benzene in the presence of aluminum chloride. M. G. Zaitina and others. Arm. khim. zhur. 21 no. 6:497-501 '68.
- Synthesis of low molecular polydimethylsiloxanes with ester end groups. A. P. Krut'kova, G. A. Shrekgelmier. Zhur. ob. khim. 38 no. 4:894-906 Ap '68.
- Synthesis of ergosterin compounds of the allylic series containing glycol and glycerol radicals. O. F. Rubinchuk, Z. M. Mamukhin. Zhur. ob. khim. 38 no. 4:841-844 Ap '68.
- Synthesis of polysaccharides. Report No. 1: Synthesis of regular galactoglucane. N. K. Kochetkov and others. Izv. AN SSSR Ser. khim. no. 8:1802-1812 Ag '68.
- Synthesis of polysaccharides. Report No. 2: Synthesis of branched arabinan. A. F. Buchkov, I. G. Lazovskii, N. K. Kochetkov. Izv. AN SSSR Ser. khim. no. 8:1812-1818 Ag '68.
- Synthesis of polysaccharides. Report No. 3: Synthesis of linear arabinan. N. K. Kochetkov, A. F. Buchkov, I. G. Lazovskii. Izv. AN SSSR Ser. khim. no. 6:18:9-1524 Ag '68.
- Synthesis of some 4-alkoxybenzylguanidines and α - β -guanidines. A. A. Arslan, A. E. Esalan. Arm. khim. zhur. 21 no. 5:407-413 '68.
- Thermographic study of maleic and fumaric acid esters. A. V. Fuzhenkova, B. A. Arbutov. Zhur. ob. khim. 38 no. 3:417-421 Mr '68.
- Thiocyanate-ethyl ethers of tertiary alcohols and dicyclopentyl glycols. I. N. Azertova, T. Kh. Nalchayeva, I. P. Krasimirova. Zhur. org. khim. 4 no. 3:360-362 Mr '68.
- Total synthesis of 1- β -D-xylefuranosylarabinose. E. M. Stepanova, E. M. Kaz'mina. Dokl. AN SSSR 179 no. 6:619-620 Ji '68.
- Transaminase-amide-amide interaction of cyclopeptides during mass spectrometry. II. V. Danilov and others. Zhur. ob. khim. 38 no. 4:770-776 Ap '68.
- Transformation of disulfonolactones. Part 5: Some esters and amides of methanedisulfonic acid. G. T. Esanov, E. E. Oganezan. Arm. khim. zhur. 21 no. 5:393-398 '68.
- Use of cellulose metaphosphate as a coating for metals soluble in the intestine. II. B. Borzavskaya, R. V. Stuklin, S. A. Nopovskaya. Farmatsiev. zhur. 21 no. 1:45-48 '68.
- Use of panchlorophenyl esters for the synthesis of collagen models. V. A. Shil'nov, T. P. Chavaya, V. P. Poroshin. Izv. AN SSSR Ser. khim. no. 19:182-1823 Ag '68.
- Use of thermography for studying the reaction of cleavage of syntheses. Part 1: Reaction of dienes with some derivatives of acrylic and maleic acids. A. V. Fuzhenkova, B. A. Arbutov. Zhur. ob. khim. 38 no. 3:421-426 Mr '68.

547.5 (Continued)

- 547.7 (Continued)
Synthesis of 2-substituted 4- and 0-nitrophenanthrenes. V. P. Kamaev, O. P. Sibirskiy. Izv. SO AN SSSR no. 14. Ser. Khim. nauk no. 8:122-124 Ag '67.
- Synthesis of 3-methylpiperidine and its derivatives based on 2-benzopyrrolidine salts. G. N. Dorofeeva and others. Dokl. AN SSSR 181 no. 2:345-348 JI '68.
- Thermal decomposition of cyclopentadienylcarbonyl compounds of iron and nickel. G. G. Petukhov, V. I. Ermolav, R. V. Kaplina. Zhur. ob. khim. 38 no. 3:465-473 Mr '68.
- Use of organic luminophors in colored photomechanical reproduction. E. I. Khalilghin. Prom. khim. reuk. i osobo chist. veshch. no. 8:277-283 '67.
- Use of pyrazolone derivatives for fluorimetric determination of lead and dysprosium. M. A. Tishchenko, L. I. Korchenko, N. S. Polenkov. Prom. khim. reuk. i osobo chist. veshch. no. 8:231-236 '67.
- 547.9 Natural substances (of unknown composition)
Addition of methyl- and phenylsulfonyl chloride to methacrylic acid and its derivatives. M. G. Lit'kova and others. Izv. AN SSSR Ser. Khim. no. 8:1872-1874 Ag '68.
- Analysis of corticosteroids. Report No. 36: Synthesis and properties of 2-bromo-acetyl-1-cyclohexenone. A. A. Akrem, A. M. Moiseyev. Izv. AN SSSR Ser. Khim. no. 8:1343-1346 Je '68.
- Calculation of solubility of natural resins and synthetic high-molecular compounds in water. S. L. Taimul, N. P. Shpenzer, V. K. Ridiger. Dokl. AN SSSR 180 no. 3:608-621 '68.
- Composition of acid fractions of hydrogenolysis products of lignin and model substances. V. I. Brodskiy, A. I. Kulinskaya, L. I. Kabanova. Izv. khim. zhur. 32 no. 1:67-69 '68.
- Composition of the resinous part of brown coal extracts. N. G. Galvanov and others. Khim. i tekhn. tsel. no. 2:57-64 Mr-Apr '68.
- Compounds of silver with glutathione. T. V. Zegzhida, G. D. Zegzhida, V. M. Shulman. Dokl. AN SSSR 179 no. 2:855-857 '68.
- Essential oils from wild long-leaf mint of the Armenian S.S.R. A. I. Khramlin. Arm. khim. zhur. 21 no. 6:493-498 '68.
- Extractives of heartwood of Pinus sibirica R. Mayr. Part I: Neutral compounds and acids. A. I. Lisina and others. Izv. SO AN SSSR no. 14. Ser. Khim. nauk no. 8:113-117 Ag '67.
- Higher fatty acids of α -necylcresobromides. N. K. Kozhekov, I. G. Zhukova, I. S. Glukhova. Dokl. AN SSSR 170 no. 2:341-344 '68.
- Inhibition of RNA synthesis and tick-borne encephalitis virus reproduction under the influence of ribonuclease. R. I. Suganik and others. Dokl. AN SSSR. 180 no. 6:1473-1475 Je '68.
- Intersection of dilute solutions of many salts with chitin and some esters of cellulose. P. I. Anticov, E. A. Pliashko, E. I. Boguzina. Dokl. AN SSSR no. 8:516-519 '68.
- Mass spectrometric determination of amino acid sequence in peptides. Part 9: Synthesis of derivatives of peptides containing phenylalanine and tyrosine radicals. L. I. Vinogradova and others. Zhur. ob. khim. 38 no. 4:777-787 Ap '68.
- Mass spectrometric determination of amino acid sequence in peptides. Part 10: Synthesis of derivatives of peptides containing histidine and tryptophan radicals. E. I. Vinogradova and others. Zhur. ob. khim. 38 no. 4:787-797 Ap '68.
- Mass spectrometric determination of amino acid sequence in peptides. Part 11: Regularities of fragmentation of peptides containing bromine and heterocyclic amino acids. M. M. Shemilakin and others. Zhur. ob. khim. 38 no. 4:798-832 Ap '68.
- Mass spectrometry of steroid systems. Report No. 17: Determination of the state of the hydroxyl group in a steroid molecule. V. I. Zayetskiy and others. Izv. AN SSSR Ser. Khim. no. 8:1294-1301 Je '68.
- Mechanism of decomposition of thymine and cytosine hydroperoxides. G. P. Zhizhina, K. E. Krugitakova. Dokl. AN SSSR 180 no. 3:811-814 '68.
- Molecular characteristics of protein M. M. M. Zaslavskiy and others. Soob. AN Gruz. SSR 47 no. 3:801-806 '67.
- On the structure of diethylene acid. I. I. Bardyshev, O. D. Strizhakov. Dokl. AN SSSR 181 no. 2:343-344 JI '68.
- Photometric determination of condelphinine. D. A. Murav'eva, I. A. S. Savchenko, E. N. Vergelchik. Khim.-farm. zhur. 2 no. 3:27-30 Mr '68.
- Photometric method for quick identification of opium alkaloids in technical products. N. V. Egorov, F. M. Shomakina. Izv. vya. ucheb. zav.; khim. i khim. tekhn. 11 no. 4:436-437 '68.
- Purification sensitive phase and protein synthesis in the period of maturation of Rana temporaria oocytes. T. A. Eshal, Zh. G. Shmerling. Dokl. AN SSSR 181 no. 2:601-604 JI '68.
- Rational isomerism of C_{12} -substituted dienes of the dehydroabietene series. G. A. Tolstikov and others. Dokl. AN SSSR 181 no. 3:624-628 JI '68.
- Stepanenko, B. N. [Carbohydrates. Advances in studying the structure and metabolism] Uglyovoy. Uspekhi v izuchenii stroeni i metabolisma. Moskva, 1968, 300 p. (Itogi nauki. Biokhimiya. Seriya "Biokhimiya".)
- Study of conformation states of peptide systems. Part I: Quantitative evaluation of intramolecular hydrogen bonding in alanine dipeptides by infrared spectroscopy. S. L. Portnova and others. Zhur. ob. khim. 38 no. 3:429-439 Mr '68.
- Study of substances included in the composition of essential oils. Report No. 37. Study of Artemisia procera essential oil. M. N. Gorlaev and others. Izv. AN Kazakh SSR Ser. Khim. 18 no. 4:58-61 JI-Ag '68.
- Synthesis in the natural amino acid hydrazide series. Part 4. Hydrazones of some undecanoic acids belong to the hydrazones of natural N-acetylamino acids. N. M. Khvorova, L. N. Volokitskiy, Z. V. Dnestrova. Zhur. ob. khim. 38 no. 4:727-732 Ap '68.
- Synthesis of glyceride base of oils and fats with given properties. T. K. Mitrofanova, S. D. Ivashchenko, N. A. Probozhenskii. Dokl. AN SSSR 178 no. 5:1087-1089 '68.
- Synthesis of peptides by means of derivatives of aryl-sulfonic acids and phosphates. I. U. V. Mitin, G. P. Vlasov. Dokl. AN SSSR 179 no. 2:353-355 '68.
- Synthesis of 16 α , 17 α -dimethyl-2 β -pregna-21-en-3, 20-dione acetate. A. M. Mochalkova and others. Zhur. ob. khim. 38 no. 3:458-459 Mr '68.
- Synthesis of technical tanning materials. I. A. P. Borkman. Uspekhi khim. 37 no. 6:1136-1159 Je '68.
- Thiopyranes. Part 13. Thiopyranes containing with electronegative substituents in a polycyclic chain. E. D. Sych, L. P. Pankajala. Khim. i tekhn. tsel. no. 2:603-611 '68.
- Unchanged configuration in the reactions of opening of epoxide ring. A. A. Akhrem, A. M. Moiseyev, V. N. Dobrynin. Uspekhi khim. 37 no. 6:1025-1035 Je '68.
- Use of highly dispersed powders of metals in rubber mixtures. K. I. Dolgopoleva and others. Izv. vya. ucheb. zav.; khim. i khim. tekhn. 11 no. 5:604-608 '68.
- Vlad, P. F., and G. V. Lazarevskiy. [Dicyclic diterpenoids] Biokhimiya i biokhimiya. Kishinev, 1967, 138 p.
- Zelena, A. V. [Luminescent cytochemistry of nucleic acids] Fluorescentnaya i tsitokhimiya nukleotidov i kislot. Moskva, "Nauka," 1967, 130 p.
- 548 CRYSTALLOGRAPHY
Absorption spectra of excited LiNbO₃ single crystals. E. G. Valtashko, L. N. Rashkevich, V. A. Timoshenkov. Opt. i spekt. 24 no. 4:637-639 Ap '68.
- Application of microhardness methods to the study of the effect of radiation on prestressed areas of a crystal. P. G. Strelok, A. A. Shupin, O. A. Kabanovskaya. Zav. lab. 34 no. 6:597-598 '68.
- Axial temperature gradients in the growing of silicon single crystals by the Chukral'skiy method. I. U. M. Shatkov, V. P. Gritsin. Dokl. AN SSSR 170 no. 2:404-408 '68.
- Causes of the morphological changeability of zircon. G. K. Gornitskiy, I. U. D. Martin. Zap. LGI 54 no. 2:56-57 '68.
- Chrysotholite. F. V. Chukhrov and others. Izv. AN SSSR Ser. Khim. no. 8:22-24 Je '68.
- The compounds Co₂Ga₂ and Pr₂Ga₂ and their crystalline structure. D. I. Dzhan, E. I. Hladyshevskiy, P. I. Kopylovich. Dop. AN URSR Ser. A 30 no. 3:282-284 Mr '68.
- Conical vicinal forms on a calcite phacoid. A. V. Steukov. Zap. LGI 54 no. 2:105-107 '68.
- Correlations between pressures, temperature, and density in aqueous solutions of sodium chloride and potassium chloride. L. A. Smolodtsova, L. N. Khechikov. Dokl. AN SSSR. 180 no. 8:1460-1462 Je '68.
- Crystal structure of "boracite" Ca₂Mg₂(PO₄)₂(OH)₂ (CO₃)₂. L. P. Solov'eva, V. V. Bakatkin. Dokl. AN SSSR. 180 no. 8:1463-1466 Je '68.
- Crystal structure and elemental formula of carpathite. V. A. Frank-Kamenetskii, S. K. Filatov, I. A. Giller. Min. sbor. 21 no. 3:275-278 '67.
- Crystallization of cubic boron nitride and synthetic diamond. G. N. Bezrukov and others. Dokl. AN SSSR. 179 no. 8:1326-1328 Ap '68.
- Determining the parameters of local levels in molybdenum trioxide single crystals. A. I. Shkol'nik. Soob. AN Gruz. SSR 47 no. 3:551-556 '67.
- Domain structure of lithium titanate films in the rhombohedral phase. V. V. Shkabanov, G. V. Pavlov. Izv. AN SSSR Ser. Fiz. 32 no. 7:1209-1205 JI '68.
- Effect of niobium on the superconductive properties of alloys on the basis of ZrV₂. N. E. Alekseevskiy, L. N. Guseva, N. M. Mal'ceva. Dokl. AN SSSR 178 no. 5:1047-1050 '68.
- Electrooptical effect in liquid crystals. L. K. Mitin. A. P. Kapustin. Opt. i spekt. 24 no. 4:650-652 Ap '68.
- Essays on structural mineralogy. Part 18: N. V. Belov. Min. sbor. 21 no. 3:231-245 '67.
- Etching figures of radiation defects in minerals. A. N. Koniarov, N. V. Skovorodina. Dokl. AN SSSR 181 no. 3:691-694 JI '68.
- Extraction equilibria in the system CaCl₂ - HCl - H₂O tributyl phosphite. S. S. Korovin and others. Izv. vya. ucheb. zav.; khim. i khim. tekhn. 11 no. 4:420-425 '68.
- Formation of an intragranular dislocation substructure when growing NaCl single crystals from the melt. L. G. Eidol'man. Dokl. AN SSSR 180 no. 3:598-602 '68.
- Forms of the growth of crystals ZnS. K. I. Avdenko, I. U. M. Rumiantsev, S. A. Sirotkova. Izv. SO AN SSSR no. 14. Ser. Khim. nauk no. 8:118-119 Ag '67.
- Graphic method of modeling and the elementary derivation of crystallographic varieties of simple form. N. G. Sokolova, I. I. Shafirovskiy, V. A. Mokievskiy. Zap. LGI 54 no. 2:16-24 '68.
- Harion Iarovich Shafirovskiy: his 60th birthday. Zap. LGI 54 no. 2:3-15 '68.
- Increasing the rate of growth of single crystals. V. P. Rybalko, V. N. Zubovskiy, R. I. Shevchenko. Uch. zap. UrGU no. 50:181-183 '68.
- Inhomogeneous composition of crystals of substituted ferries. S. Sh. Gendele, N. D. Brautskiy, R. I. Dikina. Dokl. AN SSSR 181 no. 1:84-87 JI '68.
- Isomorphism of selenium and tellurium in glasses. K. V. Neshchitov, N. K. Popova, E. P. Mintser. Geokhimiya no. 11:993-998 '62.
- Luminescence properties of barium iodide crystals. V. I. Vashurin and others. Ukr. fiz. zhur. 13 no. 4:548-542 An '68.
- Mechanism underlying silver threads in the reduction of single crystals of silver bromide. K. P. Sonchikov, K. V. Chibrikov. Dokl. AN SSSR. 180 no. 3:649-651 '68.
- Mechanism underlying the polymorphic transition from the crystalline to rotational crystalline state. I. U. M. Mitin, N. I. Musyev. Dokl. AN SSSR 181 no. 1:88-91 JI '68.
- Microhardness of silicon single crystals irradiated by fast neutrons. A. I. Makarevich and others. Dokl. AN SSSR 12 no. 6:495-497 Je '68.
- Morphology of inductive faces on crystals. G. I. Dolbovo. Dokl. AN SSSR. Zap. LGI 54 no. 2:78-82 '68.
- Morphology of the bodies of growth and solution of crystals. V. M. Volkovskiy, V. A. Shklevskiy. Zap. LGI 54 no. 2:25-37 '68.
- Nature of the smoky color of quartz. V. I. Mitin, A. V. Lukashov. Zap. LGI 54 no. 2:68-77 '68.
- Normal modes of the inhomogeneous S₂O₃ ion. R. I. A. Kharitonov, N. A. Kharitonova, L. V. Gova. Opt. i spekt. 24 no. 4:630-631 Ap '68.
- Nucleation centers of the condensed phase on ionic crystals V. M. Kosovskiy and others. Dokl. AN SSSR 180 no. 3:588-589 '68.
- Orientation of the crystallization front when growing silicon crystals by the Chukral'skiy method. I. U. M. Shkol'nik, G. M. Stepanov. Dokl. AN SSSR 179 no. 4:840-843 '68.
- Part 18: Outlines of an actual petrology. N. V. Belov. Min. sbor. 21 no. 1:35-39 '67.
- Phosphorescence and thermoluminescence of synthetic diamonds containing boron. A. V. Nikitin, G. N. Rozukov, V. S. Varagin. Dokl. AN SSSR 180 no. 3:597-598 '68.
- Photoluminescence of germanium crystals grown by the Chukral'skiy method. M. D. Lubalin. Zap. LGI 54 no. 2:83-86 '68.
- Principles of crystallochemical classification of clay minerals. G. A. Kovalev. Trudy VSEGEI 131:43-61 '68.
- Probable model of a crystalline structure of dihalide calcium hypochlorite. M. M. Aleksandrov, G. A. Dmitriyev, R. A. Volina. Arm. khim. zhur. 21 no. 5:380-388 '68.
- Recrystallization and polymorphic transitions in the partial fusion of polymers of ultrahigh structure. R. I. A. Tsel'bum. Dokl. AN SSSR 181 no. 2:368-371 JI '68.
- Recrystallization diagram for copper subject to vacuum melting. T. V. Simonskikh, I. P. Filimonova. Dokl. AN SSSR 179 no. 2:331-332 '68.
- Role of crystal transport in the diminution of aluminum structure by low-frequency vibration. D. L. Leichik, N. V. Mikhailov, P. A. Rubinder. Dokl. AN SSSR. 179 no. 8:1314-1417 Ap '68.
- Santolova's rule for quartz crystals. T. A. Karakina. Zap. LGI 54 no. 2:87-90 '68.
- Some data on artificially grown spinel-like crystals. S. S. Mikhlin, R. G. Mikhlin. Dokl. AN Arm. SSR 45 no. 4:171-176 '67.
- Stress fields in disordered microcracks. V. G. Pashkovskiy, N. V. Mikhailov, P. A. Rubinder. Dokl. AN SSSR 180 no. 3:601-603 '68.
- Structure of iron hydrogarnet 3CaO·Fe₂O₃·2SiO₂·2H₂O. Report No. 1. E. A. Kopylova, M. M. Gold'fman, L. P. N. Izv. AN Kazakh SSR Ser. Khim. 18 no. 4:74-76 JI-Ag '68.
- Structure of lithium - oxygen double films on face (110) of tungsten. D. O. Iordanskii, A. O. Iashko. Ukr. fiz. zhur. 13 no. 4:557-568 Ap '68.
- Study of the crystallization of monomers under hydrothermal conditions. L. I. Sazonov. Biokhimiya no. 11:820-825 '63.
- Studying pyrite alteration by means of an MS-11 profilograph. T. A. Volkoborova. Zap. LGI 54 no. 2:98-104 '68.
- Studying the fluorescence spectra of mixed organic single crystals at 20° K. V. K. Dobrokhotova, I. U. M. Mitin. Opt. i spekt. 24 no. 4:698-612 Ap '68.
- Studying the nonequilibrium of faces of growing and dissolving Rochelle salt crystals grown from solutions. V. I. Kuznetsov, G. G. Kharin. Dokl. AN SSSR 180 no. 8:1364-1365 Je '68.
- Symmetry regularities during the plastic deformation of crystals. V. A. Mokievskiy, I. I. Afanas'ev. Zap. LGI 51 no. 2:38-55 '68.
- Tetrahedral ordered mixed-layer formation from packets of chlorite and montmorillonite type. B. P. Gradusov. Dokl. AN SSSR 178 no. 2:431-433 '68.
- Univalent europium in NaCl - Eu and KCl - Eu. B. S. Gorobels and others. Dokl. AN SSSR 180 no. 8:1351-1353 Je '68.
- Visualization of the domain structure of triglycine sulfate on the electron microscope level. G. I. Dvornik and others. Izv. AN SSSR Ser. Fiz. 32 no. 7:1252-1256 JI '68.
- 548(477.6)---Donets Basin
Structural and mineralogical characteristics of "donbasites". V. A. Drita, E. K. Lazarenko. Min. sbor. 21 no. 1:40-48 '67.
- 548.4 Crystal lattices. Irregularities, inclusions, distortions
Absorption, luminescence, and induced emission of YVO₄ · Nd³⁺ crystals. Kh. S. Bagdasaryan and others. Dokl. AN SSSR 180 no. 8:1347-1350 Je '68.
- Anisotropy of adsorption-induced reduction of strength in lead single crystals. B. D. Summ and others. Dokl. AN SSSR 181 no. 3:587-590 JI '68.
- Crystalline structure of barium tetragermanate. I. U. M. Smolin. Dokl. AN SSSR 181 no. 3:589-588 JI '68.

- Crystalline structure of K, V-orthosilicates.** K. V. (S. G. Oshin), B. A. Maksimov, V. V. Il'inskiy, N. V. Belov. Dokl. AN SSSR, 181 no. 3:591-594 JI '68.
- Defect structure of ionic crystals in equilibrium with the complex gas phase.** V. N. Chebota, V. N. Kuvshinov, V. A. Skornikova. Izv. zap. Ural. no. 50:95-105 '66.
- Effect of the oxygen content on the surface energy of single crystals of silicon iron.** T. S. Avramov and others. Izv. vys. ucheb. zav. i Chern. met. II no. 7:99-102 '68.
- Infrared spectrum and lattice oscillations of a sodium nitrate crystal.** S. V. Karpov, A. A. Shultin. Dokl. AN SSSR 180 no. 3:572-575 '68.
- Photomobility of dislocations in irradiated potassium chloride crystals.** G. A. Ermakov, E. M. Kargorny. Dokl. AN SSSR 181 no. 1:76-78 JI '68.
- Possible mechanism underlying the formation of complex radiation defects in silicon produced by electron bombardment.** S. N. Gurovetskiy, L. B. Kreinin. Dokl. AN SSSR 181 no. 1:45-48 JI '68.
- State of the crystal lattice and magnetomechanical damping in martensite steels.** G. S. Krivonozov and others. Dokl. AN SSSR 178 no. 6:1055-1057 '68.
- Structure of the valence band in indium arsenide.** T. M. Burdakov, U. Zhumakulov, I. I. Ushakov. Dokl. AN SSSR 178 no. 6:1043-1046 '68.
- Technique for measuring the torsional modulus of filamentary silicon crystals.** S. V. Starodubtsev, D. A. Agleyevskiy, Sh. A. Bakayev. Izv. AN Uzb. SSR, Ser. fiz.-mat. nauk 12 no. 2:70-73 '68.
- Urban's rule for localized excitations in crystals.** A. S. Davydov, A. F. Lubchenko. Dokl. AN SSSR 178 no. 6:1301-1303 Ap '68.

549 MINERALOGY

- Absorption of nitrogen and argon by natural zeolites.** V. T. Bykov, N. E. Shesternyuk, K. I. Kal. no. 2:447-449 Ntr-Apr '68.
- Absorption of water vapors and alcohols by synthetic zeolites.** V. T. Bykov, L. V. Smirnova, R. F. Shesternyuk. Khim. i tekhn. 9 no. 2:445-446 Ntr-Apr '68.
- Alteration of chrysotile-asbestos in the weathering surface of ultrabasic.** A. D. Dudzik, V. T. Pogrebnul. Min. sbor. 21 no. 3:304-308 '67.
- Carbon graphite materials.** V. P. Seleznev, I. L. Farkov, A. S. Farkov. Khim. i tekhn. 9 no. 2:447-449 Ntr-Apr '68.
- Change in the composition of oils in enrichment by sulfur.** A. N. Guseva, L. A. Patergora, V. A. Chakh-nakhchev. Izv. AN SSSR, Ser. geol. no. 6:67-73 Ju '68.
- Classification of clay minerals and bedded silicates similar to them in structure.** G. A. Kovalev. Trudy VSEGEI 131:62-69 '68.
- Coloration of gatchellite.** S. V. Gorskikh, A. N. Platinov, A. S. Povarennykh. Min. sbor. 21 no. 3:203-206 '67.
- Composition of rare earths and accessory minerals in vein formations of alkali granites.** A. P. Dolgoploskiy, N. A. Elina. Mat. po min. Kol. polnost. 5:124-128 '67.
- Crystalline structure and chemical formula of garnetite.** A. P. Frank-Kamenetskii, S. K. Piatov, N. I. Giller. Min. sbor. 21 no. 3:278-279 '67.
- Distribution of rare earths in a series of successively crystallizing minerals.** S. D. Turonovskiy, U. U. Usmanov, A. V. Nikolaev. Dokl. AN SSSR 178 no. 6:1179-1181 '68.
- Essays on structural mineralogy. Part 16:** N. V. Belov. Min. sbor. 21 no. 3:231-245 '67.
- Experimental study of the diffusion of radiogenic argon in feldspars and mica.** A. I. Khutsalov. Geokhimiya no. 11:939-944 '67.
- Feldspars of granulites of the Urals as indices of their formation conditions.** G. B. Fershtater. Dokl. AN SSSR 180 no. 6:1457-1460 Ju '68.
- Fluorimetric determination of silver in mineral raw material with butylrhodamine S.** D. N. Terkina, D. P. Shesternyuk. Izv. vuzov. Khim. i tekhn. 9 no. 2:447-449 Ntr-Apr '68.
- Formation of spinel, cordierite, and melilite group minerals on the contact of aluminosilicate products with periclase during heating.** L. I. Karikina. Min. sbor. 21 no. 3:269-275 '67.
- On the inclusion of impurity elements in sulfides.** S. M. Macalov, A. S. Povarennykh. Min. sbor. 21 no. 1:67-74 '67.

- Hydrothermal synthesis of fibro-fibered ferroanhydrite.** O. V. Kalinin, N. D. Denisikina. Geol. i geofiz. no. 1:128-131 Ja '68.
- Impurity elements in fluorite crystals from granite pegmatites of Kazakhstan.** M. V. Lukova. Zap. LGE 34 no. 2:91-97 '68.
- Inclusions in stony meteorites.** A. A. Lashin. Min. sbor. 21 no. 3:278-281 '67.
- Ion exchange capacity of clay minerals and its use for obtaining clay with planned properties. Report No. 1: Effect of the nature of the exchange cation on hydrophilic properties of clay minerals.** D. P. Salo and others. Farmatov. zhur. 22 no. 3:45-51 '67.
- Isomorphous substitution of magnesium in syndetic barium fluorophlogopite.** S. H. Trevalat'skiy, V. G. Tkachenko, E. S. Lugovaya. Dop. AN URSR, Ser. B 30 no. 7:649-652 JI '68.
- Microstructure of porous periclase-spinel refractories.** P. P. Indukov and others. Dokl. AN SSSR 181 no. 3:602-604 JI '68.
- Minerals of the euxenite, pryorite, and eschynite type and their diagnostics.** A. I. Komkov. Trudy VSEGEI 131:60-66 '68.
- Nature of the specific coloration of some minerals in alkali rocks and pegmatites.** O. B. Dudzik. Min. po min. Kol. polnost. 5:180-184 '67.
- New blamuh telluride Bi₂Te₂.** V. S. Aksekov and others. Dokl. AN SSSR 181 no. 2:443-446 JI '68.
- New oxalylcon radical [Si₂O₇].** M. A. Simonov, I. U. K. Egorov, T. M. Kozlov, N. V. Belov. Dokl. AN SSSR 178 no. 6:1320-1332 Ap '68.

- New variety of brannerite.** I. A. D. Gotsman, V. M. Polikova, A. K. Miguta. Dokl. AN SSSR 178 no. 2:429-430 '68.
- Optimal conditions of the synthesis of chalcovite under hydrothermal conditions.** G. V. Bukin. Geol. i geofiz. no. 1:124-127 Ja '68.
- Paragenetic types and statistical analysis of olivines.** M. I. Il'inskiy, R. V. Kolbatsov. Dokl. AN SSSR 178 no. 6:1428-1431 Ap '68.
- Part 16: Outline of structural geology.** N. V. Belov. Min. sbor. 21 no. 1:35-39 '67.
- Preservation of radiogenic argon in glauconites.** S. S. Sakhnov. Geokhimiya no. 11:905-910 '67.
- Principles of crystallochemical classification of clay minerals.** G. A. Kovalev. Trudy VSEGEI 131:43-51 '68.
- Probable model of a crystalline structure of dihalic calcium hypochlorite.** M. M. Alekseyeva, G. A. Dmitriyev, R. A. Avolan. Arm. khim. zhur. 21 no. 5:380-386 '68.
- Sensitivity of infrared spectra of single apatite crystals to isomorphous substitutions.** L. D. Kislovskiy, R. G. Krutovaya. Dokl. AN SSSR 178 no. 6:1432-1435 Ap '68.
- Significance of typomorphic indications of minerals for the isolation of formation stages of ophiogenic zones.** M. A. Karasik. Min. sbor. 21 no. 1:75-81 '67.
- Some data on artificially grown apatite crystals.** S. S. Kozlovskiy, R. G. Kozlovskiy. Dokl. AN SSSR 178 no. 6:1432-1435 Ap '68.
- Some problems of the ore potential of the Donets Basin in connection with the isotopic composition of its leads.** B. S. Ponom. Min. sbor. 21 no. 1:122-131 '67.
- Some relations of growing quartz crystals to shales.** D. P. Grigor'ev, V. G. Lashkov. Min. sbor. 21 no. 1:62-65 '67.
- Some results of the chemical and X-ray structural study of the epidote-nitrite group minerals.** A. P. Deloit-ploskiy and others. Mat. po min. Kol. polnost. 5:129-137 '67.
- Sooty sulfide from.** D. P. Sobrovnika. Min. sbor. 21 no. 3:262-265 '67.
- Structure of iron hydrogarnet 3CaO·Fe₂O₃·2SiO₂·2H₂O.** Report No. 1. E. A. Kopylova, M. M. Gofman, L. P. N. G. AN Kazakh SSR, Ser. khim. 18 no. 4:74-76 JI-Apr '68.
- Study of iron oxide and hydroxide as catalysts for low-temperature conversion of ortho-hydrogen to para-hydrogen.** R. A. Guseinov and others. Khim. i tekhn. 9 no. 2:447-449 Ntr-Apr '68.
- Study of the crystallization of mordenite under hydrothermal conditions.** E. F. Sanderov. Geokhimiya no. 9:820-823 '65.
- Triclinic ordered mixed-layered formation from jaspers of chlorite and mordenite.** D. P. Gradusov. Dokl. AN SSSR 178 no. 2:431-433 '68.
- Types of associations of accessory minerals in normal granulites.** A. N. Vinogradov, M. I. Dubrovskiy. Mat. po min. Kol. polnost. 5:124-128 '67.
- Ultraphase of talc in Volynia.** I. U. G. Sorokin, A. I. Peregrin, A. I. Beresovskiy. Min. sbor. 21 no. 3:312-313 '67.

549(234)—Minerals of Europe

- Characteristics of the composition of rare earths of the periphery of the Vlasovskiy Mountains.** E. M. Lukova, A. A. Guseinov. Geokhimiya no. 9:824-833 '65.
- Composition and some other characteristics of porphyroblast inclusions of microcline in late Paleozoic granulites of the eastern slope of the Ural.** G. B. Fershtater. Dokl. AN SSSR 181 no. 2:447-450 JI '68.
- Distribution of lead in different genetic types of granulites of the Ural.** N. D. Znamenskiy, M. V. Terkina. Dokl. AN SSSR 180 no. 3:713-714 '68.
- Magnetic properties of titanomagnetites of titanomagnetite deposits of the Ural.** V. G. Fominykh, I. I. Glukhikh. Dokl. AN SSSR 180 no. 3:710-712 '68.

549(235)—Minerals of Asia

- Distribution of thorium in minerals of granulites of the Sayany batholith (central Tien Shan).** L. I. Leonova. Geokhimiya no. 6:420-426 '62.

549(241.12)—Vologda Province

- Mineralogy of the Tsiman Ridge.** A. B. Silyukin. Trudy VSEGEI 131:34-42 '68.

549(471.21)—Murmansk Province

- Accessory minerals of plagioclase and microcline-plagioclase granulites in the middle Stronva Valley.** V. R. Vetrin. Mat. po min. Kol. polnost. 5:81-104 '67.
- Accessory minerals of the Kasek'yan granulite complex.** G. V. Vinogradov. Mat. po min. Kol. polnost. 5:105-115 '67.
- Chemical composition of accessory magnetite in granulites of the Stronva Valley (Kola Peninsula).** V. H. Vetrin. Mat. po min. Kol. polnost. 5:118-141 '67.
- Color and structure of crystals of smoky quartz from the eastern Kuyva Upland.** A. V. Loskutov, M. I. Plotnina. Mat. po min. Kol. polnost. 5:168-189 '67.
- Correlation of aluminosilicate and hafnium in granulites of the Kola Peninsula.** V. V. Belkov, N. S. Tolstikov. Mat. po min. Kol. polnost. 5:115-118 '67.
- Genesis of copper-nickel sulfide mineralization in amphibolites of the Kuyva Upland region.** Zh. A. Fedotov, N. S. Kotenkov. Mat. po min. Kol. polnost. 5:84-89 '67.
- Oreocites in the region of the Ulovayv granite massif.** V. L. Romanov. Mat. po min. Kol. polnost. 5:145-157 '67.
- Hydrophlogopite and vermiculite of the Kovdor deposit.** A. P. Afanasev, V. V. Kolesnikova. Mat. po min. Kol. polnost. 5:214-220 '67.
- Hydrothermal vein complex in ultrabasic and basic rocks of Pechenga.** G. I. Gorbunov. Mat. po min. Kol. polnost. 5:5-15 '67.

- Mineral composition of ores and wall rocks of the Kuyva flank of the Alkarchenskoye copper-nickel sulfide deposit (Murmansk Province).** I. U. N. Lukovskiy, S. I. Lukovskiy. Mat. po min. Kol. polnost. 5:16-63 '67.
- Mineralogical composition and conditions of the formation of tectonic clays in the Pechenga copper-nickel sulfide deposit.** I. U. N. Lukovskiy, A. P. Afanasev. Mat. po min. Kol. polnost. 5:74-80 '67.
- Neptunium-feldspar paragenesis in rocks of the Kuyva flank.** L. V. Kozlyeva. Mat. po min. Kol. polnost. 5:165-193 '67.
- New data on magnetite-bearing mica of the Kuyva flank.** L. V. Kozlyeva, A. V. Lukovskiy. Mat. po min. Kol. polnost. 5:221-224 '67.
- Rare alkalies in microcline from pegmatites of Pechenga.** I. U. N. Lukovskiy. Mat. po min. Kol. polnost. 5:158-165 '67.
- Ureterite of the Alkarchenskoye deposit.** M. I. Fedotov. Mat. po min. Kol. polnost. 5:70-73 '67.
- Rock-forming endite of the Lovozero alkali mass.** I. V. Dusen, D. L. Rogachev. Mat. po min. Kol. polnost. 5:194-213 '67.
- Zirconium-hafnium ratio in minerals and rocks of the Lovozero Massif.** I. V. Gerasimovskiy, A. M. Turan, I. D. Shevalyevskiy. Geokhimiya no. 6:531-537 '67.

549(477)—Ukrainian S. S. R.

- Accessory monazite in rocks of the Novokryukovskiy Massif.** I. P. Litvinenko, A. L. Lukovskiy. Min. sbor. 21 no. 3:209-210 '67.
- Accessory radiogenic elements in lignites from the sediments.** I. A. Gorskikh. Min. sbor. 21 no. 1:111-108 '67.
- Development of mineralogy in the Ukraine during the Soviet regime.** E. K. Lazarenko, O. I. Nukhtova. Min. sbor. 21 no. 1:1-11 '67.
- Find of opals containing organic matter in granulites of Volynia.** M. M. Silyukov, V. I. Pavlovskiy. Min. sbor. 21 no. 1:100-103 '67.
- Kalinite group minerals from Neogene sediments of the Dnieper-Dnests Depression and the area of the Donets Basin.** M. V. Ilyushenko, I. M. Borzhov, M. I. Borzhov. Dop. AN URSR, Ser. B 31 no. 7:621-625 JI '68.
- Literature on the mineralogy of the Ukraine in 1965.** P. F. Khmel'menko. Min. sbor. 21 no. 3:315-331 '67.
- Mineralogy and metamorphism of chlorite-muscovite layers of the Kuyva Upland.** A. A. Sakhnov, E. S. Kozlovskiy, V. N. Makarov. Min. sbor. 21 no. 1:141-149 '67.
- New data on the Hamondiferous mass on Neogene and recent sandy sediments in some regions of the Ukraine.** I. V. Koshakov and others. Dokl. AN SSSR 178 no. 6:147-158 '68.
- Origin of accessory spinels in granulites of the region of the Sea of Azov.** E. A. Marchenko. Min. sbor. 21 no. 1:107-113 '67.
- Practical use in the electron microscopic study of minerals in sediments of Yanyuk-Takht deposits.** I. I. Sakhnov, S. I. Rybakov, S. P. Korniyenko. Dop. AN URSR, Ser. B 30 no. 7:626-629 JI '68.
- Saponite from lamprophyres of the Sea of Azov region.** I. D. Lukovskiy. Min. sbor. 21 no. 3:207-210 '67.
- Triclinic high orthoclase from monazite-shandite porphyroblasts of the Sea of Azov region.** I. D. Lukovskiy. Min. sbor. 21 no. 3:202-207 '67.

549(477.6)—Donets Basin

- Sequence of the isolation of hypogene minerals in the mercury deposit of the Donets Basin.** A. F. Lukovskiy. Dop. AN URSR, Ser. B 30 no. 7:619-621 JI '68.
- Structural and mineralogical characteristics of "saponite" in the Yanyuk-Takht deposits.** I. I. Sakhnov, S. I. Rybakov, S. P. Korniyenko. Dop. AN URSR, Ser. B 30 no. 7:626-629 JI '68.

549(477.8)—Western Ukraine

- Characteristics of the mineral composition of Triassic sediments of the Eastern Ukrainian Carpathians.** I. M. Afanasev, Dop. AN URSR, Ser. B 30 no. 7:616-618 JI '68.
- "Honeycomb" quartz from the surrounding area of Viktorinka in Volynia.** E. E. Lazarenko. Min. sbor. 21 no. 3:283-287 '67.
- Shale and calcite from pegmatites of Volynia.** Z. V. Borshchinskaya. Min. sbor. 21 no. 3:241-257 '67.
- Some problems of the constitution of regional carbonates.** V. I. Pavlovskiy, E. M. Silyukov. Min. sbor. 21 no. 1:123-126 '67.

549(477.88)—Transcarpathia

- Characteristics of some hydromineral deposits of Beregovo-Kholmogorov (Transcarpathia).** V. S. Melnikov, M. I. Finklin. Min. sbor. 21 no. 3:287-292 '67.

549(479.22)—Georgian S. S. R.

- First find of erionite in Georgia.** T. V. Batsashvili, G. V. Gvakharia. Dokl. AN SSSR 178 no. 2:429-426 '68.

549(571)—Asian R. S. S. R.

- Coronadite containing thallium from the oxidation zone of the Yekaterinskoye deposit (eastern Transbaikalia).** I. A. Kornilovich. Trudy VSEGEI 131:22-33 '68.
- First find of goethite in Siberia.** A. A. Konev, Z. F. Ushchapovskaya, V. S. Lobodova. Dokl. AN SSSR 180 no. 3:704-706 '68.
- Some copper arsenates of Transbaikalia.** V. N. Dubinskaya, I. A. Kornilovich, E. P. Sokolova. Trudy VSEGEI 131:3-21 '68.

549(571.511)—Taymyr National District

- Triclinic system and orderliness of orthoclase in Precambrian granulites of the Taymyr Peninsula.** Z. V. Kholodov, A. F. Korotkevich. Dokl. AN SSSR 181 no. 2:202-205 JI '68.

549(571.53)—Irkutsk Province

Mineralogical composition of kaolinitic argillites in the Gyryl'skoye deposit of Irkutsk Province. E. E. Kuchuk. Trudy IPI no. 30:117-127 '68.

549(571.56)—Yakut A. S. S. R.

Alkalies in the lithology. N. Kalikov. Vopr. geol. 7 no. 3: 10-21 '67.
 Contents of silicon carbide in natural environments and their genetic significance. T. V. Kaminskii and others. Izv. AN SSSR Ser. geol. no. 6:57-66 Ju '68.

549(571.62)—Khanty-Mansi Territory

Content of rare alkalies and the degree of trileptinity of K-Na feldspar in granitoids of different alkali metallicity, as exemplified by the Utkan pluton. I. U. N. Gamaleia. Dokl. AN SSSR 181 no. 2:451-453 Ju '68.

549(571.63)—Chukotka National District

First field of variscite in the Chukchi Peninsula. I. A. Zagayeva, V. O. Pozdnyuk, L. P. Tsvetkov. Dokl. AN SSSR 180 no. 1:911-916 '68.

549(571.66)—Kamchatka Province

Composition of the composition of intrusives and the composition of enclosing formations, as exemplified by the study of bachelors and ultrabases of Kamchatka. S. A. Slonimskii, G. N. Stukov. Dokl. AN SSSR 181 no. 3:710-713 Ju '68.

549(574)—Kazakh S. S. R.

Mineralogy of the Altai deposits. M. M. Kalipova, N. M. Mirzazova. Izv. AN Kazakh SSR Ser. geol. 23 no. 1: 47-57 Ju '68.

549(575.1)—Uzbek S. S. R.

Some characteristics of the mineralization of antimony in the center of the Angren deposit. V. P. Kholodova. Uzb. geol. zhur. 12 no. 1:34-37 '68.

55 GEOLOGY AND COLLATERAL SCIENCES.
 METEOROLOGY

550.3 Geophysics

Determining the clayiness of rocks by data of the gamma method and spontaneous polarization potentials.

1. A. Kapkashchikov. Geofiz. zhur. no. 24:40-50 '68.
 Effect of high hydrostatic pressure on the magnetic properties of igneous rocks. T. S. Lebedev. B. A. Savitskiy, D. V. Kornilov. Geofiz. zhur. no. 24:51-52 '68.

Generalization of electric conductivity data for igneous rocks at high temperatures in connection with the structure of the earth's crust and upper mantle. A. T. Bontarenko. Dokl. AN SSSR 178 no. 5:1050-1050 '68.
 [Geophysical] Ref. zhur.: Geofiz. Predmetnyi ukazatel' za 1967 g.

No-parametric method for determining the depth of the shift of the crystalline basement from frequency sounding curves. N. S. Luchinskii. Dokl. AN SSSR 181 no. 2:313-314 Ju '68.

Possibilities of some complicated installations for electric profiling based on data of laboratory studies. A. A. Bystritskii, V. N. Durnov. Trudy IPI no. 30:220-223 '68.

Reasons complicating prospecting for complex metal ore bodies by electric prospecting methods using direct current and possible ways for their elimination. A. A. Bystritskii. Trudy IPI no. 30:211-219 '68.

Some characteristics of the distribution of the vertical correlation of geomagnetic variations in a shore effect. D. R. Mordorfeld, L. M. Lashkov, V. P. Grilauk. Geofiz. zhur. no. 11:117-119 Ja '68.

Some data on the character of the geomagnetic field during inversions. G. Z. Gurarii. Dokl. AN SSSR 178 no. 5:1055-1058 '68.

Stochastic correlations of certain physical parameters of Transcarpathian oilfield rocks. T. S. Lebedev. N. F. Pozdnyanskaya. Geofiz. zhur. no. 24:39-45 '68.
 Variation of electric conductivity in polymorphic transformation of cyanite-sillimanite (Al₂SiO₅) at high temperatures and pressures. A. B. Shcheglov. Dokl. AN SSSR 178 no. 1:863-865 '68.

550.3(438)—Poland

Visiting prospectors for minerals in Poland. H. I. Shcheglov. Rozved. i okh. zash. 32 no. 1:56-57 N '68.

550.3(477)—Ukrainian S. S. R.

Heterogeneity of the upper mantle of the Ukraine. G. T. Sobolev. Dokl. AN SSSR 179 no. 6:1417-1420 Ap '68.

Origin of natural residual magnetization of Lator Territory and Quaternary deposits in the Ukrainian S. S. R. A. N. Troitskiy. Geofiz. zhur. no. 24:73-77 '68.

Physical properties of rocks in the Krivoy Rog region. N. I. Baklanov, V. V. Baklanova. Geofiz. zhur. no. 24: 86-94 '68.

550.3(477.9)—Crimea

Methods of studying thermal properties of rocks and calculating the value of the heat flow in the Crimea. V. V. Gordienko, R. I. Kutus. Geofiz. zhur. no. 24:81-72 '68.

Thermal regime of the carbonate formation of the main mountain range of the Crimea. V. N. Dublinskii. Trudy NIIKHCIP no. 67:164-171 '67.

550.3(571)—Asiatic R. S. F. S. R.

Methodology of the calculation of Graeff-Hunter anomalies and isotopy in the Lake Baikal region. R. A. Zerin. Geol. i geofiz. no. 1:140-143 Ja '68.

550.3(571.54)—Buryat A. S. S. R.

Use of radioactive tracers in geophysical studies for the needs of Buryat industry. V. S. Dorzhiev. Krai. sobb. BKNH no. 2:33-37 '68.

550.34 Seismology

Correlation of amplitudes of surface and longitudinal waves depending on the depth of an earthquake focus. E. A. Virob'eva, S. L. Solov'ev. Geol. i geofiz. no. 1:103-110 Ja '68.

[Simulation of real media and seismic wave fields] Modeli real'nykh sred i seismicheskie volnovye polia. Moskva, "Nauka," 1967. 247 p.

Studying dynamic water pressure on the upstream face of dams during earthquakes. G. P. Mamontov. Gidr. stroit. 37 no. 8:40-42 Ag '67.

550.4 Geochemistry

Application of the method of isotopic dilution for gases using a standard in the solid phase; as revealed by a study made on argon. I. U. M. Artemov, K. G. Kozlov, V. P. Shtzhov. Geokhimiya no. 12:1155-1158 D '63.

Behavior of potassium and sodium of the oxidation zone of sulfide deposits. K. M. Mukasov. Geokhimiya no. 11:101-107 '62.

Coexistence of two liquid phases at high temperatures. System sodium chloride - albite glasses. I. M. Delftain, D. N. Molot'ev. Dokl. AN SSSR 180 no. 6:1480-1483 Ju '68.

Conditions governing the thermodynamic equilibria of sulfate melt water. A. A. Kadik, M. I. Shkharov. Geokhimiya no. 10:886-904 O '63.

Emulsion of pH in hydrothermal solutions. N. I. Khararov, D. N. Ryzhchenko. Geokhimiya no. 12:1152-1154 D '63.

Form of the inclusion of impurity elements in sulfides. S. I. Kharinov, A. S. Povarennykh. Izv. Akad. Nauk SSSR, 21 no. 1: 67-71 '62.

Fourth scientific meeting dedicated to V. I. Vernadskii. A. I. Tuganov. Geokhimiya no. 6:515 '62.

[Geochemical methods of prospecting for ore deposits. Bibliography of the literature (1925-1963)] Geokhimiicheskie metody poiskov rudnykh mestorozhdenii. Bibliograficheskiy ukazatel' literatury (1925-1963 gg.) Moskva, "Nauka."

Vyp. 2. [Hydrogeochemical prospecting. Biogeochemical prospecting. Compiling of prospecting methods. Geochemistry of landforms and prospecting] Gidrogeokhimiicheskie i biogeochemicheskie metody poiskov rudnykh mestorozhdenii. Kompleksirovannyye metody poiskov. Geokhimiya landshafta i poiskov. 1967. 64 p.

Geochemistry of iron in lake water bodies of White Russia with stable oxidation medium. K. I. Lukashov and others. Dokl. AN SSSR 179 no. 2:652-655 Ju '68.

Interaction of sodium alkali solutions containing silicon with various rocks and minerals at high temperatures and pressures. V. V. Bakhitkii, V. V. Kononov. Dokl. AN SSSR 179 no. 6:1444-1447 Ap '68.

Methods for explaining transportation forms of chemical elements in geochemical processes. V. V. Shcherbina. Geokhimiya no. 11:945-952 '62.

Nature of humic substances of water. A. V. Foliev. Dokl. AN SSSR 179 no. 2:443-446 '68.

Nature of the formation of the "heavy phase" in the hydrothermal growth of quartz. I. G. Gancev. Dokl. AN SSSR 181 no. 3:713-715 Ju '68.

Oshchepov, O. A. [Abstracts of lectures on geochemistry (Lectures 1-5). For geology students taking courses in "Mineralogy and geochemistry." Konspetsiia iktail po geokhimi. (Lektarii 1-5) Dlia studentov-geologov po kursu "Mineralogiia i geokhimiia." Moskva, 1967. 60 p.

Radioisotopic detection of small quantities of Eu²⁺, Gd³⁺, and Nb⁵⁺ and their isomorphism in fluorite and zircon. V. M. Vinokurov and others. Geokhimiya no. 11:1002-1007 N '63.

Role of atmospheric precipitation in the circulation of chemical elements between the atmosphere and lithosphere. V. P. Zverev. Dokl. AN SSSR 181 no. 3:718-720 Ju '68.

Role of sulfur in ore-forming solutions. N. G. Tsvetkov. Dokl. AN SSSR 181 no. 1:210-212 Ju '68.

Sensitizing of infrared spectra of single apatite crystals to isomorphous substitutions. L. D. Kislovskii, R. G. Kudavets. Dokl. AN SSSR 178 no. 6:1432-1435 Ap '68.

Solubility of water in the melt of granitic composition at a pressure up to 7000 atm. N. I. Khararov, I. B. Lebedev, A. A. Kadik. Geokhimiya no. 10:857-858 O '63.

Some characteristics of the statistical distribution of chemical elements in rocks and their use for geochemical purposes. M. I. Tolstov, I. M. Ostafichuk. Geokhimiya no. 10:922-936 O '63.

Soveshchaniye po gidrogeokhimiicheskim i gidrogeologicheskim metodam poiskov rudnykh mestorozhdenii. 1967. [Hydrogeochemical and hydrogeological prospecting methods for minerals. Abstracts of reports of the conference of December 18-19, 1967] Gidrogeokhimiicheskie i gidrogeologicheskie metody poiskov rudnykh mestorozhdenii. Tezisy dokladov k soveshchaniyu 18-20 dekabrja 1967 g. Leningrad, 1967. 140 p.

Structural-group composition of oil fractions of bitumens of bottom sediments of the Herling Sea. O. R. Bordenov, B. A. Smirnov. Geokhimiya no. 11:1009-1013 '62.

Study of oxidation-reduction properties of sedimentary uraniferous rocks. L. S. Evgenova, N. P. Fontana. Geokhimiya no. 11:1050-1054 N '63.

Study of the evolution of arsenic and sulfur content of euhedral, mixed, and iron and some of their minerals. N. R. Shubert, V. A. Shkharova, V. M. Vokhobov. Geokhimiya no. 10:943-951 O '63.

Summaries of the principal articles in "Geokhimiya et Geochemica Asia." The entire 21, 1972, January 21, 1963. Geokhimiya no. 8:70-112 '63.

Summaries of the principal articles in "Geokhimiya et Geochemica Asia." The entire 21, 1972, January 21, 1963. Geokhimiya no. 8:70-112 '63.

Summaries of the principal articles in "Geokhimiya et Geochemica Asia." The entire 21, 1972, January 21, 1963. Geokhimiya no. 8:70-112 '63.

Tantalum and niobium in weathering surfaces of some granitoids of Central Asia. E. K. Trofimova. Dokl. AN SSSR 181 no. 2:451-457 Ju '68.

Use of the pH suspension of ore quartz for the separation of different stages in mineral formation. V. A. Zaguskin, A. A. Shlimanskii, A. A. Aslamov. Trudy IPI no. 30:145-148 '66.

550.4(234)—Mountains of Europe

Duration of the formation of the Mesozoic weathering surface of the Southern Urals. L. A. Gusevskii, A. I. Gavrishin. Dokl. AN SSSR 12 no. 6:543-545 Je '68.
 Impurity elements in ores and rocks of the Levikhn ore zone (Central Urals). B. V. Smirnov. Geokhimiya no. 11:1060-1062 N '63.

550.4(235)—Mountains of Asia

Distribution of uranium, thorium, and rare-earth elements in granitoids of the Samsun batholith (Central Tien Shan). L. L. Lomova, U. A. Balashev. Geokhimiya no. 11:1060-1062 N '63.

550.4(271.21)—Murmansk Province

Characteristics of the elements of rock-forming minerals of the differentiated complex of the Lovchorokskiy massif. V. P. Volynov, A. I. Polubnyy, M. I. Karakhanov. Geokhimiya no. 11:1060-1062 N '63.

550.4(271.6)—Northern Caucasus

Vertical fall in zirconia of some igneous rocks of the Northern Caucasus. A. V. Koshkin and others. Geokhimiya no. 10:866-868 O '63.

550.4(274.5)—Lithuanian S. S. R.

Geochemical regionalization of landforms and biogeochemical characteristics of Lithuanian landforms; some geochemical characteristics of landforms of the Central Lithuanian Lowland. G. Pauliukevicius, L. Masilionas. Trudy AN T.S. SSR Ser. B no. 1:167-182 '68.

550.4(278.23)—Armenian S. S. R.

Chemical characteristics of different age intrusive and effusive rocks of Armenia in the numbers of A. N. Zavaritskii. S. I. Balasanyan. Uzb. geol. zhur. no. 10:41-65 '65.

Chemical weathering and migration of elements of the volcanic upland of the Araratian S. S. R. O. K. Gabrilian, Uzb. zap. Evraz. un. 63:123-130 '65.

550.4(571)—Asiatic R. S. F. S. R.

Geochemical relationships of gold mineralization with intrusions and rocks enclosing them in Western Siberia. I. U. G. Shcheglov, G. A. Petrovskii. Geokhimiya no. 9:551-551 S '63.

Geochemistry of dark green conifer fagus in the southern taiga of central Siberia. V. A. Snytko. Dokl. Inst. geol. Sib. I Dal'. Vost. no. 14:70-78 '67.

550.4(571.511)—Taymyr National District

Thermodynamic solution of particular problems of the geochemistry of tellurium and tellurium in copper-nickel sulfide ores of the Noril'sk region. G. G. Zaimanin, A. S. Pashutin. Geokhimiya no. 9:813-810 S '63.

550.4(571.56)—Yakut A. S. S. R.

Mineralogical features and some physicochemical characteristics of the formation of cassiterite-sulfate-sulfide deposits of northern Yakutia. V. V. Ivanov. Geokhimiya no. 8:833-842 S '63.

550.4(571.63)—Khanty-Mansi Territory

Content of rare alkalies and the degree of trileptinity of K-Na feldspar in granitoids of different alkali metallicity, as exemplified by the Utkan pluton. I. U. N. Gamaleia. Dokl. AN SSSR 181 no. 2:451-453 Ju '68.

550.4(576)—Central Asia

Characteristics of the distribution of impurity elements in sulfides of skarn-complex metal formations of the Chirchik Range. A. Kakhkharov. Uzb. geol. zhur. 12 no. 1:72-78 '68.

550.4(575.1)—Uzbek S. S. R.

Distribution of dispersed boron in volcanic rocks C₂ + C₃ in the central part of the Kurama Range. M. Kh. Radvinov. Uzb. geol. zhur. 12 no. 1:43-45 '68.

550.4(575.3)—Tajik S. S. R.

Geochemical conditions of the accumulation and transformation of the organic matter of Upper Cretaceous sediments of the Dushanbo Trough. I. U. A. Iakovets, T. A. Sifranov, E. H. Iakovets. Dokl. AN Tadzh. SSR 11 no. 2: 44-47 '68.

- 550.8(575).3) — Tajik S.S.R.
Methodology of geochemical prospecting for cassiterite-sulfide deposits in the Zoravshan-Gissar mountain area. K. I. Litvinenko. Dokl. AN Tadzh. SSR 11 no. 2:51-53 '68.
- 550.9 Geological time and age measurement
Determining absolute age according to C14. Report No. 1. A. S. Gerasimov and others. Geokhimiya no. 9:75-81 '63.
Determining the age of basic rocks by the Rb/Sr method. E. K. Gering and others. Geokhimiya no. 11:91-93 '62.
Duration of the formation of granitoid complexes based on radiologic data. T. G. Pavlova. Dokl. AN SSSR 181 no. 1:184-187 '68.
Special method for the determination of Sr137. A. G. Zhigalov, A. N. Zakhid, G. G. Rind, Geokhimiya no. 11:97-101 '62.
- 550.9(471.22) — Karadag A.S.S.R.
Rb-Sr age of ancient rocks of southern Karelia. M. L. Ashchekina, I. M. Gerasimov, S. B. Lobach-Zharbina. Geokhimiya no. 8:13-19 '63.
- 550.9(477) — Ukrainian S.S.R.
Isolation of two different age groups in the Arctian of the southwestern part of the Uralian. I. V. Golubinskii. Geokhimiya no. 6:475-481 '62.
- 550.9(478.25) — Armenian S.S.R.
Age of Neogene rocks in the Vorotan and Akera interfluvies. D. P. Isakhanian. Izv. zap. Kavk. univ. 39:1-10 '63.
- 550.9(571.53) — Irkutsk Province
Age of the ancient weathering surface of the Irkutsk Basin. S. S. Chelkin. Izv. AN SSSR, Ser. geol. no. 6:104-118 Ju '68.
- 550.9(571.56) — Yakut A.S.S.R.
Two stages of metamorphism in faults of the central part of the Aldan region. V. I. Kuvshinov, I. D. Ivanov. Dokl. AN SSSR 181 no. 1:169-170 Ju '68.
- 551 General geology. Meteorology. Climatology. Stratigraphy
Complex studies in the North-East. N. A. Shilo. Vest. AN SSSR 38 no. 3:94-98 Mr '68.
Fattakh Fakhrovich Rakhimov: obituary. Izv. geol. zhurn. 12 no. 1:201 '68.
[Geology] Ref. zhurn.: Geol. no. 9 S '68.
Konstantin Nikolaevich Savich-Zakharskiy: obituary. Min. sbor. 21 no. 3:314-318 '67.
Literature on geology received by the Library of the Department of Earth Sciences of the Academy of Sciences of the U.S.S.R. In March 1968. Izv. AN SSSR, Ser. geol. no. 6:145-155 Ju '68.
Main trends in the development of stratigraphy, lithology and tectonics in the U.S.S.R., 1917-1967. V. V. Vukobratov. Izv. AN SSSR, Ser. geol. no. 6:3-19 Ju '68.
On the theory of bioturbation expansions of fields of meteorological elements. G. I. Marchuk. Dokl. AN SSSR 172 no. 4:832-835 '68.
Problem of establishing a system of theoretical knowledge. I. V. Krua. Vop. filos. 22 no. 7:89-100 '68.
Readers conference of the journal "Razvika i okhrana nedr" held in the Urals. G. S. Krivonoz, Rez. i otk. nedr 32 no. 11:63-64 Ju '68.
Secrets of the earth. T. I. Chedev, M. Oravetskii. V mire knig 7 no. 5:14-15 '67.
Vladimir Mikhailovich Kreiter: obituary. Min. sbor. 21 no. 3:316-318 '67.
- 551(478) — Moldavian S.S.R.
[Paleontology, geology, and minerals of Moldavia]
Paleontologia, geologia i poleznye iskopaemye Moldavit. Kishinev.
[Vyp. 2]. [Paleontology and stratigraphy] Paleontologia i stratigrafia. 1967. 259 p.
- 551(478.25) — Armenian S.S.R.
Brief outline of the geology, tectonics, and history of tectonic development of the Tsakhkunyats Range. A. F. Nazarian. Izv. zap. Kavk. univ. 39:23-40 '65.
- 551(571) — Asiatic R.S.F.S.R.
Geology and copper-sulfide ore manifestations of the Urik-Onot interfluvial in the region of the Eastern Sayan Mountains. I. A. Bumazhkin, E. L. Emelianov. Trudy IPI no. 30:136-139 '68.
- 551(571.54) — Buryat A.S.S.R.
Geological studies in Buryatia. Kral. soob. DKNII no. 2:140 '60.
- 551(571.66) — Kamchatka Province
Geological studies in Kamchatka during the Soviet regime. D. E. Savateev. Vop. geog. Kamch. no. 6:2-34 '67.
- 551(574) — Kazakh S.S.R.
[Geology and metallogeny of the Uspensk tectonic zone, (Central Kazakhstan). In 6 volumes.] Geologiya i metallogeniya Uspensk tectonicheskoy zony. (TSentr. Kazakhstan). V. 6-tit. Red. R. A. Borukov, G. N. Shcherba. Alma-Ata. "Nauka." T. 2. [Deposits of ferrous and rare metals] Nestorozhdeniya chernykh i rednykh metallov. 1967. 303 p.
- 551.1 Physical geology
Boundary core-mantle. S. M. Stashov. Geokhimiya no. 11:123-125 '62.
Qualitative indications of the planetary form of movements of the earth's matter. M. K. Kosygin. Trudy IPI no. 30:7-12 '68.
- 551.1(477.6) — Donets Basin
Zoning the greater Donets Basin according to its physical properties. I. A. Garkalenko. Geofiz. sbor. no. 24:51-60 '68.
- 551.2 Internal geodynamics. Endogenous processes
Chemical composition of "metaporphites" serving as geothermometers. S. M. Alchiba, G. M. Dragov, I. K. Karpov. Dokl. AN SSSR 181 no. 1:204-206 Ju '68.
Conference on the correlation of tectonics and magmatism. Vop. geog. Kamch. no. 5:192-194 '67.
Correlation between the distribution of geochemical types of oil and the tectonic conditions. I. S. Starobinets. Dokl. AN SSSR. 180 no. 6:1464-1466 Ju '68.
Deformation of marble under subcrustal conditions. I. V. Luchitskii and others. Dokl. AN SSSR 179 no. 3:91-95 '68.
Epigenetic changes in sedimentary rocks and their significance for petroleum geology. B. K. Proskhiakov. Izv. vuz. ucheb. zav. i geol. i razv. 11 no. 7:12-17 Ju '68.
Experience in using the geomorphological method in the determination of present-day vertical tectonic movements. G. A. Kufezov. Vop. geog. Kamch. no. 5:135-140 '67.
Investigation of volcanoes of the Kuttlo-Kamchulka Arc. G. S. Gerasimov. Vest. AN SSSR 38 no. 3:90-93 Mr '68.
Mechanism of the formation of intrusive bodies of volcano-plutonic belts. V. A. Dvorkin-Sumarakii, G. I. Tugovik. Dokl. AN SSSR 181 no. 2:119-121 Ju '68.
Ordovician volcanism in the Kuznetsk Alatau. L. V. Alabin. Geol. i geofiz. no. 1:120-129 Ju '68.
Origin of the Baikal depression. V. V. Lashkin. Priroda no. 3:48-59 Ap '68.
Soviet volcanology. S. I. Naboko. Vop. geog. Kamch. no. 5:22-26 '67.
Study of the temperature field of lamellar-form intrusives during contact-metamorphic reactions. V. A. Kudrinskiy, V. G. Melamed, V. N. Staropov. Dokl. AN SSSR 178 no. 5:1164-1167 '68.
[Volcanism and tectogenesis] Vulkanizm i tektonogenez. Moskva. "Nauka." 1969. 254 p. (Mezhdunar. geol. kongress. XXIII sessiya. Doklady sovetskikh geologov. Problema 2).
- 551.2(234) — Mountains of Europe
Correlation of recent movements and thickness of the earth's crust as revealed by a study made in the Caucasus and Alps. G. V. Krasnoyarskiy, I. A. Itozanov. Dokl. AN SSSR. 179 no. 6:1413-1416 Ju '68.
Regional linear morphostructure of the Western Ural. I. K. Zinichkina. Dokl. AN SSSR 179 no. 2:420-422 '68.
- 551.2(470) — European U.S.S.R.
Stages of the formation of recent fold-forming movements in central Caucasus. B. A. Onishchenko, B. G. Sokratov. Dokl. AN SSSR 181 no. 2:433-435 Ju '68.
- 551.2(477) — Ukrainian S.S.R.
Utiyskiy graben and prospects of finding oil and gas in it. A. A. Bolzhovskii. Dokl. AN SSSR 180 no. 3:879-881 '68.
- 551.2(477.8) — Western Ukraine
Tectonic faults in the structures of Dolinsk and North Dolinsk and their role in the formation of oil pools. H. N. Dolitskiy, M. M. Klatko, B. I. Aronov. Dop. AN URSR, Ser. B. 30 no. 7:586-590 Ju '68.
Tectonic structure and evaluation of oil and gas prospects of the Yanaya Sol'naya region in the Carpathian foredeep. N. A. Didenko. Neftgaz. geol. i geofiz. no. 4:18-21 '68.
- 551.2(477.88) — Transcarpathia
Stochastic correlations of certain physical parameters of Transcarpathia effusive rocks. T. S. Lebedev, N. F. Poznanakata. Geofiz. sbor. no. 24:39-46 '68.
- 551.3(477.9) — Crimea
Hydrothermal rocks of the volcanic group of Karadag (Crimea). V. I. Lebedinskii. Dokl. AN SSSR 181 no. 3:698-701 Ju '68.
- 551.2(478) — Moldavian S.S.R.
New occurrence of Late Pleistocene volcanic ash in Moldavia. N. N. Karlov. Izv. vuz. uchob. zav.: geol. i razv. 11 no. 7:150-152 Ju '68.
Role of submeridional faults in the formation of structures in the Prut-Dniester interfluvial. G. M. Bilinskiy, V. L. Dubinovskii, V. S. Makarskaya. Dokl. AN SSSR. 180 no. 6:1425-1428 Ju '68.
- 551.2(479) — Caucasus and Transcaucasia
New data on the tectonics of the southeastern part of the submeridional of the Kerkashidap antiform. A. N. Gadev. Izv. vuz. uchob. zav.: geol. i razv. 11 no. 3:11-14 '68.
- 551.2(479.22) — Georgian S.S.R.
Shavley sheet in Upper Scythian tectonic Caucasus. V. I. Shevchenko, I. M. Mikhlin. Dokl. AN SSSR 181 no. 2:139-142 Ju '68.
- 551.2(479.25) — Armenian S.S.R.
Some characteristics of the tectonic structure and development of the Sevan-Sunik synclinorium. O. A. Sarkisian. Izv. zap. Kavk. univ. 39:21-23 '65.
- 551.2(5) — Asia
Correlation of tectonic movements in the lateral series of coexisting geological structures. K. V. Bugolepov. Dokl. AN SSSR. 180 no. 6:1429-1431 Ju '68.
- 551.2(571) — Asiatic R.S.F.S.R.
Kodur-Udokan zone as the Precambrian marginal trough of the Siberian Platform. B. N. Krasnikov, A. N. Bulgakov. Geol. i geofiz. no. 1:13-20 Ja '68.
New data on the age of the folded basement within the Ialindrat-Dur Valley of the West Siberian Plain. V. S. Norkhbayev, F. Z. Agapova. Dokl. AN SSSR 181 no. 1:678-679 Ju '68.
New data on the presence of the area of ancient buried uplands in the central part of the Tungska syncline of the Siberian Platform. E. E. Polak, V. I. Bulgakov. Dokl. AN SSSR 179 no. 4:942-944 '68.
Quaternary volcanism in the Kolyma Valley of Asia. M. D. Chasovitin. Trudy IPI no. 30:34-47 '68.
- 551.2(571.12) — Tyumen' Province
Cavernousness of Upper Jurassic rocks of the productive horizon of the Shulin-bairin region. R. A. Abdullin. Dokl. AN SSSR 179 no. 2:434-438 '68.
Some characteristics of the structure and oil and gas potentials of the productive horizon of the Tishina-Yastovkoye area. G. K. Ruzhnikov, G. I. Dondurkin, M. Kh. Murzin. Neftgaz. geol. i geofiz. no. 3:6-11 '68.
- 551.2(571.15) — Gorno-Altai Autonomous Prov. "Urals"
Ordovician volcanism in the Kuznetsk Alatau. J. V. Alabin. Geol. i geofiz. no. 1:120-124 Ju '68.
- 551.2(571.51) — Krasnoyarsk Territory
New data on the tectonics of the northern part of Krasnoyarsk Territory on the left bank of the Yenisey River. V. P. Borodin and others. Neftgaz. geol. i geofiz. no. 4:3-6 '68.
- 551.2(571.53) — Irkutsk Province
Two stages of development of the structure of the Mama-Chuya pogorniy field. V. P. Vasil'ova, I. I. Sychev. Trudy IPI no. 30:52-60 '68.
- 551.2(571.54) — Buryat A.S.S.R.
Lower boundary of the Upper Mesozoic structural stage of western Transbaikalia. V. D. Erimkov. Geol. i geofiz. no. 1:21-30 Ja '68.
Some petrochemical peculiarities of granitoids in the Chudskiy intrusive complex of the Dzhida oro zone. L. I. Zinichkina. Izv. vuz. uchob. zav.: geol. i razv. 11 no. 7:49-60 Ju '68.
Structure of the Bita-Dzhida Massif of Mesozoic granitoids (Dzhida basin). K. N. Smolianskii, G. A. Gonchar, A. P. Morozin. Trudy IPI no. 30:61-74 '68.
- 551.2(571.6) — Soviet Far East
[Tectonics of the Soviet Far East and adjacent water areas. Transaction of the session of the Department of Earth Sciences of the Academy of Sciences of the U.S.S.R.] Tektonika Sovetskogo Dal'nego Vostoka i prilozhenskikh kvartov. Trudy sessii Otdel'naya ruk o Zemle AN SSSR. Moskva. "Nauka." 1968. 233 p.
- 551.2(571.64) — Sakhalin Province
Geological structure of the coastal zone of the Nevel' region in southern Sakhalin. R. D. Roshnikova, G. S. Gurevich. Neftgaz. geol. i geofiz. no. 4:14-17 '68.
Role of volcanism in the formation of rocks of the "Makuniki" series. N. A. Solov'eva. Dokl. AN SSSR 179 no. 4:938-941 '68.
Separation faults according to geological and geophysical material as revealed by a study made in Sakhalin. A. N. Telepin, S. V. Mikheeva, T. M. Vasserman. Geol. i geofiz. no. 1:97-102 Ju '68.
- 551.2(571.66) — Kamchatka Province
Eruption of the B. I. Pip lateral craters of Kiyevskaya Volcano. I. T. Krasnov. Vop. geog. Kamch. no. 5:57-59 '67.
Geomorphological structure of the Central Kamchulka Depression and some problems of tectonics. O. A. Bratsova. Vop. geog. Kamch. no. 5:74-79 '67.
Hot springs near the village of Lazo and some problems concerning their use. N. G. Grigor'yan. Vop. geog. Kamch. no. 5:184-185 '67.
Major historical eruption in Kamchatka. E. K. Markidish. Vop. geog. Kamch. no. 6:180-181 '67.
Natural phenomena which precede and accompany the eruption of the B. I. Pip lateral craters. I. T. Krasnov. Vop. geog. Kamch. no. 5:171-173 '67.

- Mesonometeorological solitary waves.** T. Z. Sokov, L. N. Gorman. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 3:571-582, 1968.
- Model of turbulence having symmetry about a fixed axis.** K. M. Gerasimov. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 3:583-593, 1968.
- Objective analysis on the basis of the approximation of fields by polynomials.** A. A. Petrov. *Met. i gidrol.* no. 6:21-28 Je '68.
- Objective methods for the selection of analogues by composite-kletic charts of natural synoptic periods using an electronic computer.** Kh. Kh. Rattajeva. *Met. i gidrol.* no. 6:29-38 Je '68.
- On a method of determining moisture reserves in snow cover in mountains by cosmic rays.** Sh. D. Fridman. *Met. i gidrol.* no. 6:39-48 Je '68.
- Organization of regime processes applicable to problems of long-range weather forecasting and general circulation of the atmosphere.** N. V. Solov'eva, V. K. Fel'denok, S. S. Starovoi. *Met. i gidrol.* no. 6:29-32 Je '68.
- Physical conditions near the tropopause.** V. V. Konashonok, G. M. Suroi. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 5:430-498, 1968.
- Possibilities of the stimulation of the development of air-mass cumulus clouds.** N. I. Vult'man, L. M. Lovin. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 5:499-507, 1968.
- Forecasting the variation of the air temperature during a month.** B. A. Ped', L. I. Kashcheva. *Trudy Len. gidromet. inst.* no. 4:111-114 '67.
- Precision in the determination of pressure on synoptic charts by way of interpolation between isobars.** E. M. Kozik, D. Kh. Salikhova. *Met. i gidrol.* no. 6:46-51, Ag '68.
- Preparing for winter is an urgent matter.** T. Bozdarenko, I. Borshchuk. *Ty i snab. Sov. Vost. Sib.* 28 no. 6:67-69, Ag '68.
- Program of planetary studies of the atmosphere and radiation factors of weather and climate.** K. I. Kuznetsov. *Met. i gidrol.* no. 6:11-20 Je '68.
- Quantity of moisture on vertical surfaces as related to wind velocity and precipitation.** A. A. Tsvet, V. A. Dantlov. *Spor. nauch. rab. DVNIS* no. 6:82-105 '64.
- Reasons of transformations of stratospheric circulation in the Northern Hemisphere during the cold half year.** E. I. Bushina, A. P. Radman. *Met. i gidrol.* no. 7:40-46, Ji '68.
- Results of the introduction of the M-63 anemometer-meteor in a network of meteorological stations.** L. E. Anapol'skaya, N. G. Protopopov. *Met. i gidrol.* no. 8:102-108, Ag '68.
- Role of atmospheric precipitation in the circulation of thermal elements between the atmosphere and hydrosphere.** V. P. Zverev. *Dokl. AN SSSR* 181 no. 3:716-719, Ji '68.
- Serail' (serailovskiy) stationing; history.** *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 6:1010-1011, 1968.
- Solar radiation and radiation balance data.** *Sol. rad. i rad. bal. Ag-D* '68, publ. '67; *Ap-Mj* '67, publ. '68.
- Partokhenko no. 1 '68.**
- Snow characteristics of the formation of convective clouds.** I. U. A. Dovgaluk. *Met. i gidrol.* no. 6:39-47, Je '68.
- Serie group invariant solutions of dynamic equations of the atmosphere.** V. I. Rokutan. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 3:262-270, Mr '68.
- Special hydrometeorological phenomena. February-May, 1968.** I. V. Kravchenko. *Met. i gidrol.* no. 8:100-111, Ag '68.
- Spectral studies of light scattering function in the atmosphere in small angle distance from the sun.** B. T. Tashenov. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 5:548-551, Mj '68.
- Statistical analysis of the areal distribution of precipitation.** V. K. Tarasuk, N. A. Prilukova. *Met. i gidrol.* no. 6:34-38, Ag '68.
- Statistical characteristics of signals from water surfaces and underlying ice formations recorded by actinometric apparatus from airplanes.** V. V. Govedovskii, F. I. Melkov. *Trudy ANMI* 284:102-114 '68.
- Statistical properties of the amplitude fluctuations of the ultrashort wave signal for vertically spaced receiving antennas.** T. I. Areen'lan. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 5:560-562, Mj '68.
- Slakoveldze, G. K.** [Showers and hail] *I. I. Ilyayev osadki i grad.* Leningrad, Gidrometeorizdat, 1967. 412 p.
- Synoptic-statistical method of weather forecasting on the moon.** K. A. Vostokov, N. I. Zverev, R. M. Zhitomir'skaya. *Trudy Len. gidromet. inst.* no. 4:22-32 '67.
- Theory of global waves in a rotating stratified atmosphere.** A. I. Ivanovskii, I. U. V. Seimovskii. *Met. i gidrol.* no. 7:19-30, Ji '68.
- Theoretical model of diurnal variations of meteorological fields.** B. G. Vager, S. S. Zil'berkovich. *Met. i gidrol.* no. 7:3-18, Ji '68.
- Transparency and visibility distance of lights as an inclined direction in a snowfall.** M. I. Raisimov. *Met. i gidrol.* no. 7:58-64, Ji '68.
- Use of the method of differences for reducing pilot balloon observations to rawinsonde observations.** V. M. Saltarov. *Met. i gidrol.* no. 7:100-103, Ji '68.
- Using the method of regulation for the solution of the problem of the thermal wounding of the atmosphere.** V. B. Glazkov, I. U. M. Timofeev. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 3:303-310, Mr '68.
- The vertical structure of ionospheres.** V. I. Ignaev. *Krat. soob. DKNII* no. 2:28-32, '68.
- Water consumption of red clover under conditions of the northwestern zone of the European U.S.S.R.** E. A. Strunnikov. *Met. i gidrol.* no. 7:93-98, Ji '68.
- Weather forecasts and synometeorological conditions for the second half of the summer of 1968.** *Met. i gidrol.* no. 7:121-122, Ji '68.
- When a cyclone does a bad turn.** V. Nolesov. *Av. i kosm.* no. 9:38-40, S '68.
- Wind regime in a planetary boundary layer of the atmosphere.** V. M. Skitarov. *Met. i gidrol.* no. 8:28-33, Ag '68.
- 551.5(120)—Atlantic Ocean**
- Characteristics of the tropopause in the equatorial and tropical zones of the Pacific and Atlantic Oceans.** N. M. Mikhailenko, N. V. Koleskin. *Met. i gidrol.* no. 6:48-54, Je '68.
- Connection between the climate of Europe heat transfer in the Atlantic.** V. V. Stetskin. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 3:243-261, Mj '68.
- 551.5(122.8)—Caspian Sea**
- Calculation of the circulation of waters from some types of storms in the northern Caspian.** F. G. Bakhtalov. *Izv. AN Azerb. SSR, Ser. nauch. znm.* no. 1:126-126, 1968.
- 551.5(265)—Pacific Ocean**
- Characteristics of the tropopause in the equatorial and tropical zones of the Pacific and Atlantic Oceans.** N. M. Mikhailenko, N. V. Koleskin. *Met. i gidrol.* no. 6:48-54, Je '68.
- 551.5(125)—Lakes, ponds, etc.**
- Thermal characteristics of karal lakes.** K. G. Bulynina, R. V. Iaschenko. *Uch. zap. Perm. gos.* no. 115:40-63 '67.
- 551.5(4)—Europe**
- Connection between the climate of Europe heat transfer in the Atlantic.** V. V. Stetskin. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 3:243-261, Mj '68.
- 551.5(470)—European U.S.S.R.**
- Climate of the southern part of the Russian Plain at the beginning of the Pleistocene.** M. P. Grichuk, A. I. Moskvilina. *Dokl. AN SSSR* 170 no. 5:1157-1169 '68.
- Stratigraphy of Pleistocene sediments in the axial part of the Moscow syncline.** V. V. Kirsanov. *Dokl. AN SSSR* 170 no. 5:1160-1163 '68.
- Thermal conditions in Leningrad Province and the yield of fruit and berry cultures.** T. M. Kolvanov, V. I. Galkin. *Met. i gidrol.* no. 8:101, Ag '68.
- 551.5(471.62)—Bashkir A. S. S. R.**
- Evaporation from water surfaces on the territory of the Southern Ural.** E. T. Mashtova. *Vop. voiz. i gidromet. inst.* no. 1:24-37 '64.
- 551.5(474.5)—Lithuanian S. S. R.**
- Some results of the measurement of natural radioactivity of the atmosphere using a recorder with continuously moving filter.** V. Mikulovics. *Trudy AN Lit. SSR.* Ser. B no. 1:201-208 '68.
- 551.5(479.22)—Georgian S. S. R.**
- Tsuleidzidze, I. A.** [Radiation and thermal regimes of Georgia] *Radiatsionny i termicheskiy rezhimy territorii Gruzii.* Leningrad, Gidrometeorizdat, 1967. 161 p.
- (Trifin. Zakavkazskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut. Trudy, no. 23(2)).**
- 551.5(479.224)—Abkhaz A. S. S. R.**
- Agrometeorological indices of the distribution of citrus plants in Abkhazia.** I. A. Martynenko. *Met. i gidrol.* no. 8:90-98, Ag '68.
- 551.5(479.25)—Armenian S. S. R.**
- Characteristics of the variation of constants of the heat balance of small water bodies depending on the area height.** G. T. Nikogosian. *Dokl. AN Arm. SSR* 45 no. 4:167-161 '67.
- 551.5(571)—Asian R. S. F. S. R.**
- Humidness of the taiga belt in Western Siberia and its relation to the zonal types of physiogeographical environment.** V. P. Shostkin. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 16:9-15 '67.
- Rainfall parameters for the calculation of storm runoff in Transbaikalia.** P. I. Sal'nikov. *Spor. nauch. rab. DVNIS* no. 6:139-150 '64.
- A study of the radiation cycle of Transbaikalia's steppe regions.** G. N. Mart'anova. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 14:52-53 '67.
- 551.5(571.66)—Chita Province**
- Aridity and conglutination.** V. A. Frish, E. V. Frish. *Priroda* 4:82-84, Ap '68.
- Distribution of precipitation in the upper Amur basin.** Z. N. Podolnitsyna. *Trudy Len. gidromet. inst.* no. 25:61-70 '67.
- 551.5(571.6)—Soviet Far East**
- Agroclimatic justification of the planting time of sugar beets in the Far East.** I. M. Kramar. *Trudy Len. gidromet. inst.* no. 25:39-42 '67.
- Agroclimatic regionalization of the Far East with respect to soybean growing.** V. V. Katmykov. *Trudy Len. gidromet. inst.* no. 25:31-37 '67.
- Characteristics of atmospheric processes over the spaces of Far East Seas and the adjoining regions of the Asiatic continent.** V. S. Agalakov. *Vop. geog. Kamch.* no. 5:96-102 '67.
- Total heat requirement for aqueous water conditions of the Far East.** V. V. Katmykov. *Trudy Len. gidromet. inst.* no. 25:22-28 '67.
- Wind direction and velocity as a factor determining the climate of the Pacific Coast.** A. A. Tsvet, Spor. nauch. rab. DVNIS no. 6:76-82 '64.
- 551.5(571.61)—Amur Province**
- Distribution of precipitation in the upper Amur basin.** Z. N. Podolnitsyna. *Trudy Len. gidromet. inst.* no. 25:61-70 '67.
- 551.5(571.63)—Maritime Territory**
- Characteristics of cold and heat waves in the Maritime Territory.** A. I. Novskaya. *Trudy Len. gidromet. inst.* no. 25:74-84 '67.
- Forecast of the mean monthly air temperature taking into account the atmospheric circulation over the Northern Hemisphere.** A. I. Novskaya. *Trudy Len. gidromet. inst.* no. 25:85-91 '67.
- Heat supply for growing rice in the Maritime Territory.** I. S. Chernysheva. *Trudy Len. gidromet. inst.* no. 25:14-21 '67.
- Results of the first year observations on Vladivostok microclimate.** A. A. Tsvet, O. P. Gutorova, S. N. Mazhura. *Spor. nauch. rab. DVNIS* no. 6:83-91 '64.
- Some dependences between separate characteristics of the thermal regime of air in the cold period of the year.** F. A. Dushitskaya. *Trudy Len. gidromet. inst.* no. 25:58-69 '67.
- 551.5(571.64)—Sakhalin Province**
- Relationship between separate indices of the thermal regime of air under conditions of Sakhalin Province.** V. P. Krasnianskaya. *Trudy Len. gidromet. inst.* no. 25:51-57 '67.
- Thermal conditions in the period of potato and tomato seedling planting.** V. P. Krasnianskaya, A. I. Kudakova. *Trudy Len. gidromet. inst.* no. 25:32-38 '67.
- 551.5(571.66)—Kamchatka Province**
- Present-day work of hydrometeorological stations in Kamchatka and its further development.** A. V. Lipson, V. M. Popov. *Vop. geog. Kamch.* no. 5:35-42 '67.
- Recalculation of precipitation, measured by a rain gauge, on a precipitation gauge under conditions of the upper Amur basin.** A. P. Katsika. *Trudy Len. gidromet. inst.* no. 25:71-73 '67.
- Survey of snow cover on the northern slope of the Klyuchevskaya group of volcanoes.** V. S. Agalakov. *Vop. geog. Kamch.* no. 5:108-107 '67.
- 551.5(574)—Kazakh S. S. R.**
- Content of ozone in Kul'skary in the annular eclipse in May 20, 1966.** A. I. Oskorovitch, A. K. Smirnov. *Izv. AN SSSR, Fiz. atm. i okeana* 4 no. 5:552-550, Mj '68.
- Field studies of moisture reserves of soil.** E. A. Kozhushkova. *Met. i gidrol.* no. 8:100-101, Ag '68.
- Using weight measuring evaporimeters under conditions of sand deserts and steppes.** V. B. Vodogretskii. *Met. i gidrol.* no. 8:104-108, Je '68.
- 551.5(575.1)—Uzbek S. S. R.**
- Total evaporation from fallows adjacent to the Southern Golovnya Steppes Canal.** I. U. S. Mel'nik, A. S. Nikolova, A. S. Koroginov. *Met. i gidrol.* no. 6:68-74, Je '68.
- 551.5(575.2)—Various atmospheric phenomena, influences**
- Anomalous meteorological phenomena in 1958.** *Izv. Uzb. geog. ob-va* 5:129-137 '61.
- In the moisture on equipment?** P. Vinogradov, G. Golovanenko. *Tekhn. i voenn. zh.* 26 no. 12:10-17, D '67.
- Isophotes of the zodiacal light and its earth's component.** N. B. Divari, I. I. Komarnitskaya, S. N. Krylova. *Astroph. vest.* 2 no. 2:102-107, Ap-Ju '68.
- Korobolinkova, M. P., G. A. Nasirov, and V. G. Khamidullina.** [The nightglow on 1957 5577 A. Tables and maps of isophotes. Ashkhabad, 1964] *Enteslia rochno naba 2-5577 A. Tablitsy i kury izofot. Ashkhabad, 1964* g. Moskva, 1966. 279 p.
- Result of a simultaneous study of transconductance and current of direct strokes of lightning in the power transmission lines of the Azerbaijan Main Power Supply Administration in the years 1961-1965.** A. S. Alizade, D. A. Kelleci, V. A. Kalanburu. *Za tekhn. prog.* 6 no. 3:21-22, Mj '66.
- [Tables on the scattering of light] Tablitsy po svetorasseleniyu. Pod obshch. red. K. S. Shifrina. Leningrad, Gidrometeorizdat.**
- T. 2. Shifrin, K. S., and I. L. Zel'manovich.** [Tables of scattering matrices and the components of a dispersed field] *Tablitsy matrits rasselaniya i sootvetstvuyushchikh rasselennogo polya.* 1966. 471 p.
- Use of a daylight fluorescent colors for improving visibility of the airframes of civil aviation.** L. S. Karmanova, V. K. Matveev, A. M. Khomulov. *Prom. khim. reak. i osob. chist. veshch.* 6 no. 3:284-289 '67.
- 551.5(571.68)—Kamchatka Province**
- Three natural phenomena.** P. N. D'akonov. *Vop. geog. Kamch.* no. 5:173-178 '67.

551.7 Historical geology. Stratigraphy
Changes of complexes of the species of bivalve molluscs at the boundary between the Jurassic and Cretaceous in the Boreal and Arctic zoogeographic areas. V. A. Zakharov. Trudy Inst. geol. i geof. Sib. otd. AN SSSR no. 48:80-100 '68.

Determining boundaries of the late- and postglacial time by C¹⁴ and data of the spore-pollen analysis. A. P. Vinogradov and others. Geokhimiya no. 11:97-981 N '63.

Geodynamic stages in the development of the earth's crust during the Mesozoic and Cenozoic as revealed by a study made in the Soviet Union. E. S. Chernova. Izv. vuz. ucheb. razv. i geol. i geof. II no. 7:3-11 '66.

Lower boundary of the Lower Precambrian. Trudy IPI no. 30:13-23 '66.

Once more on the chronology of the Quaternary. I. G. Pilyupichko. Prirod. otd. i faun. prirodo. no. 3:133-140 '67.

Present state of the problem of the Silurian and Devonian boundary: on the results of the International Symposium in Calgary, Canada. Geol. i geof. no. 11:44-148 Ja '68.

Synmetamorphic complexes of the Middle Riphean. I. I. Krylov, S. V. Naumov, I. G. Shapovalova. Dokl. AN SSSR 181 no. 3:425-429 Ji '68.

551.7(234)—Mountains of Europe
Stratigraphy of the Carpathians of the Lemniz zone of the Arctic Ural Mountains. A. I. Eliseev. Dokl. AN SSSR 181 no. 2:422-425 Ji '68.

551.7(235)—Mountains of Asia
Contactite Daubischites from the Western Verkhoyansk Range and its stratigraphic significance. V. N. Andrianov. Dokl. AN SSSR 178 no. 5:1145-1148 '68.
Isolation of the Upper Paleozoic in the Southern Sikhotealin Range. A. P. Nikitina. Sov. geol. II no. 2:101-110 F '66.

Subalkali basalts in the southern part of the Koryak Highland. N. S. Radchenko, M. K. Kosko. Dokl. AN SSSR 178 no. 5:1175-1178 '68.

551.7(261.1)—North Atlantic Ocean
Change in the composition of blemmites on the boundary of the Jurassic and Cretaceous in the Arctic and Boreal-Atlantic zoogeographic areas. V. N. Saks, T. I. Nalimova. Trudy Inst. geol. i geof. Sib. otd. AN SSSR no. 48:80-88 '68.

551.7(470)—European U. S. S. R.
Basaltic sediments of the Riphean of the western part of the Russian Platform. V. I. Deesonova. Dokl. AN SSSR 178 no. 5:1149-1152 '68.

New data on the stratigraphy of Upper Devonian sediments in the upper Vyafin and Kama basins. E. L. Pleashnikova, S. G. Dubelkovskii. Dokl. AN SSSR, 180 no. 6:1430-1441 Jo '68.

Stages of the formation of recent fold-forming movements in central Ciscaucasia. B. A. Onishchenko, H. G. Solov'yev. Dokl. AN SSSR 181 no. 2:431-435 Ji '68.
Stratigraphy and correlation of the sediments of the Mesozoic complex in the eastern margin of the Russian Platform. V. I. Kirsanov. Izv. AN SSSR, Ser. geol. no. 0:80-103 Jo '68.

551.7(471.2)—Northwestern U. S. S. R.
Devonian trap formation of the Timan-Kola region. A. V. Smirnov, V. G. Kushov. Dokl. AN SSSR 178 no. 5:1168-1170 '68.

551.7(471.5)—Ural regions
Boundary of the Zagal't series in Bakal (Southern Ural). I. U. Davydov. Trudy IPI no. 30:24-33 '60.
First finds of Silurian graptolites in the eastern slope of the Central Ural. V. P. Makina and others. Dokl. AN SSSR 181 no. 1:162-163 Ji '68.

551.7(471.61)—Udmurt A. S. S. R.
Age of lower horizons of the Tunguska complex. G. N. Sadovnikov. Dokl. AN SSSR 180 no. 3:684-686 '68.

551.7(478)—White Russian S. S. R.
Cross section of ancient Pleistocene sediments at village Mostki of Grodno Province. N. A. Kukhach, A. V. Mal'nev. Dokl. AN SSSR 12 no. 5:448-452 My '68.
Glacial complexes of the Quaternary formation of White Russia. K. I. Lukashov, L. N. Voznachuk. Dokl. AN SSSR 12 no. 5:443-447 My '68.

Glacial complexes of the Quaternary formation of White Russia. K. K. Lukashov, L. N. Voznachuk. Dokl. AN SSSR 12 no. 0:539-542 Jo '68.
Relationship between siliceous and overlying formations in the northwestern part of the Pripyet Trough. D. M. Erashina. Dokl. AN SSSR 12 no. 7:843-847 Ji '68.

551.7(477)—Ukrainian S. S. R.
Determination of the absolute age of Romensk potassium salts. D. P. Kurushchev, B. R. Zaidis. Geokhimiya no. 12:1164-1165 D '63.
Kaolinite group minerals from Neogene sediments in the Dnieper-Donets Depression and the margins of the Donets Basin. M. V. Lichynenko, I. M. Rudkov, M. R. Berber. Dop. AN URSR, Ser. B 30 no. 7:821-825 Ji '68.

551.7(477.8)—Donets Basin
Prospects for finding oil and gas pools in the Devonian sediments of the Dnieper-Donets Lowland. N. F. Chuprin, G. S. Brulovskii, V. M. Zavit'lov. Neftgaz. geol. i geof. no. 4:22-25 '68.

Sequence of the isolation of hypogene minerals in the mercury deposit of the Donets Basin. A. I. Horovoi. Dop. AN URSR, Ser. B 30 no. 7:819-821 Ji '68.

551.7(477.9)—Crimea
Stratigraphy of Paleozoic and Eocene sediments of the Crimean Plateau. A. M. Voloshina. Dop. AN URSR, Ser. B 30 no. 7:837-850 Ji '68.

551.7(478)—Moldavian S. S. R.
New data on the lithology of Upper Cretaceous sediments of the Moldavian S. S. R. F. S. Perca. Dokl. AN SSSR 179 no. 4:957-960 '68.

Stratigraphy of Lower Cretaceous sediments in the Yangara region south of the Moldavian S. S. R. I. P. D. Bukatchuk, G. A. Larovskaya. Dokl. AN SSSR 181 no. 3:679-680 Ji '68.

551.7(479)—Caucasus and Transcaucasia
Stratigraphic and age division of continental formations in the Akera and Buzirich basins. N. S. Stukhinov, Kh. K. Tanyrdiev. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 1:110-119 '68.

551.7(479.22)—Georgian S. S. R.
Catholicon flora of Georgia and the boundary between the Middle and Upper Jurassic. M. P. Doludenko, T. S. Ivanidze. Izv. AN SSSR, Ser. geol. no. 6:119-131 Jo '68.

Upper Cretaceous stratigraphy of the Comula ravine. D. G. Akhmediani, R. A. Ganiashidze. Soob. AN Gruz. SSR 47 no. 3:619-624 '67.

551.7(479.24)—Azerbaijan S. S. R.
Lithological changes and reservoir properties of rocks in horizon I of the productive strata in the Kuryangya field. E. A. Tagiev, S. S. Adzhalya, M. A. Gul'dust. Azerb. neft. khoz. 47 no. 6:1-2 Je '68.

Results of stratigraphic studies of the Lower Cretaceous in northeastern Azerbaijan. Ch. A. Talfov. Azerb. neft. khoz. 47 no. 6:3-9 Je '68.
Stratigraphic division of the Upper Cretaceous of Kobay in the light of new data. A. G. Khalilov, Ak. A. Ali-zade. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 1:3-11 '68.

551.7(479.242)—Nakhichevan A. S. S. R.
Lithological features of Neogene sediments of the Nakhichevan Trough. A. I. Azizbekova. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 1:57-60 '68.

551.7(479.25)—Armenian S. S. R.
New data on the age of the Paleogene volcanic series of the Nakhichevan A. S. S. R. and southern Syunik (Armenian S. S. R.). A. A. Gabriellian, T. A. Mamedov. Dokl. AN Arm. SSR 45 no. 4:177-181 '67.

551.7(481)—Norway
Nature of the Late Precambrian glastation of Spilberg. N. M. Chumakov. Dokl. AN SSSR, 180 no. 6:1440-1449 Jo '68.
Pleistocene paleogeography of the Spilberg. I. U. A. Lavrushtin and others. Dokl. AN SSSR 181 no. 1:170-181 Ji '68.

551.7(519.3)—Mongolian People's Republic
First finds of Yotamulidra in southeastern Mongolia. O. D. Suetovsk. Dokl. AN SSSR 180 no. 3:601-604 '68.

551.7(571)—Asianic U. S. S. R.
Correlation of Late Precambrian sediments of the outer belt of the Balkat-Palton fold area. V. V. Khomentovskii, V. U. Shen'it, M. S. Iaksha. Geol. i geof. no. 1:3-12 Ja '68.

Genesis of structure of the covering complex of the West Siberian oil- and gas-bearing basin. P. R. Kalkov. Dokl. AN SSSR 181 no. 2:139-142 Ji '68.
Probable relicts of Archean sedimentary formations in the southern part of Lake Balkat region. L. I. Shchemen-tsova. Trudy IPI no. 30:48-51 '60.

Quaternary volcanoes in the Kotym Valley of Asia. M. D. Chasovilina. Trudy IPI no. 30:34-47 '65.
Shitaki nachao-lasodonal'ekil institut geologii, geofiziki i mineral'nogo syr'ya. [Oil-producing strata and conditions for oil formation in the Mesozoic sediments of the West Siberian Plateau] Nefteprizvashchikhe kol'sheki i ustroiva obrazovaniya neti v mezozoiskikh otlozheniyakh Zapadno-Sibirskoi nizmenosti. Leningrad, "Nedra," 1967, 222 p. (Ile Trudy, no. 60)

551.7(571.16)—Altai Territory
Gratianska, H. T. [Brachiopoda and the Lower Devonian stratigraphy of the Gorny Altai] Brachiopody i stratigrafiya nizhnego devona Gornogo Altaya. Moskva, "Nauka," 1967, 177 p.

Kul'kov, N. P. [Brachiopoda and the Silurian stratigraphy of the Gorny Altai] Brachiopody i stratigrafiya silura Gornogo Altaya. Moskva, "Nauka," 1967, 151 p.

551.7(571.51)—Thymyr National District
New data on the marine Pleistocene of the Thymyr Lowland. V. I. Gudina, M. A. Buzhdina, S. L. Troitskii. Geol. i geof. no. 1:40-48 Ja '68.

551.7(571.54)—Buryat A. S. S. R.
Lower boundary of the Upper Mesozoic structural stage of western Transbaikalia. V. D. Ermakov. Geol. i geof. no. 2:31-30 Ja '68.

Quaternary formations with the presence of bices in the area of Tuguy Valley. T. S. O. Ochirov. Kral. soob. DKNII no. 2:38-41 '60.

551.7(571.56)—Yakut A. S. S. R.
Absolute age of rocks of the Anabar Shield. A. I. Krylov and others. Geokhimiya no. 12:1140-1144 D '63.
Absolute age of the Anabar Precambrian. L. S. Tarasov, E. I. Gavrilov, V. I. Lebedev. Geokhimiya no. 12:1145-1151 D '63.
Alekseyeva, R. E. [Brachiopoda and the Lower Devonian stratigraphy of the northeastern U. S. S. R.] Brachiopody i stratigrafiya nizhnego devona Severo-Vostochno SSSR. Moskva, "Nauka," 1967, 162 p.

Find of valves of Pliocene Union Sibiricus in alluvial sediments of the Oleuk basin. U. N. Madenov. Geol. i geof. no. 1:132-136 Ja '68.
Quaternary sediments of the Onzikan cross section in the upper Klyma Valley. Z. M. Khromosova, A. N. Smirnova, V. P. Nikitin. Geol. i geof. no. 1:49-51 Ja '68.
Regional mineral alteration in basic states of basaltic Yakutia. V. A. Kabanov. Dokl. AN SSSR 181 no. 2:203-211 '68.
Stratigraphy of continental sediments of the Altai and Altian in the Verkhoyansk Trough and Vilyuy uplands. A. I. Kiselevskaya, H. L. Shchemenova. Dokl. AN SSSR 181 no. 1:171-174 Ji '68.

551.7(571.64)—Sakhalin Province
Geological structure of the coastal zone of the Nemel region in southern Sakhalin. R. D. Rozhkova, A. S. Gurevich. Neftgaz. geol. i geof. no. 4:14-17 '68.

551.7(571.66)—Kamchatka Province
History of the development of rhyolite in the Kalyan and Palana interfluvium. N. T. Dvornikov. Vop. korp. Kazh. no. 5:133-135 '67.
New data on the age recent panicle formations in the Kuril'skoye Lake region. T. S. Kabanova. Vop. geol. i geof. no. 5:128-129 '67.
Stratigraphy of Quaternary volcanic rocks in Kamchatka. S. I. Arpukov, V. S. Shelmovskii, U. M. Skopov. Vop. geol. i geof. no. 5:126-128 '67.

551.7(574)—Kazakh S. S. R.
Lithogenic types of Paleozoic flyschlike rocks of the Kala subterminal-facies zone. D. N. Qasimov. Izv. AN Kazakh SSR, Ser. geol. 25 no. 1:24-37 Ja '67.
Stratigraphy and facies of the metamorphism of rocks of the Lower Precambrian of the Kokchetav block. I. A. Blinov. Izv. AN Kazakh SSR, Ser. geol. 25 no. 1:10-21 Ja '67.
Subsurface structure and prospects for finding oil and gas in the Paleozoic of northern Ustyurt. A. A. Pavlov, R. I. Ilyukin, V. P. Gavrilov. Sov. geol. i geof. no. 3:36-44 F '68.

551.7(575)—Central Asia
Age of the upper part of Bukhara layers of the central margin of the Upper Amu Darya Depression. V. I. Brulovskii, G. I. Kiseleva, E. K. Shustskii. Dokl. AN SSSR 178 no. 5:1163-1166 '68.
Oil and gas potentials of cover formations of the Fergana Depression. U. S. Umarbekov. Vop. geol. i geof. 12 no. 1:12-15 '68.
Operating patterns for comparing the Quaternary formations of the Amu Darya Valley with such formations in western Turkmenistan. G. I. Amurskii and others. Izv. Uzb. geol. ob-va 5:144 '61.
The origin of karst forms in clays. N. P. Usatkin. Izv. Uzb. geol. ob-va 5:52-57 '61.
Reservoir properties of Lower Cretaceous sediments of the Fergana Depression. A. H. Imankulov. Vop. geol. i geof. 12 no. 1:12-15 '68.

551.7(575.1)—Uzbek S. S. R.
Structural-formational regionalization of the eastern part of the Paleozoic in southwestern Uzbekistan. Uzb. geol. zhur. 12 no. 1:21-25 '68.

551.7(575.3)—Tajik S. S. R.
Age of the lower part of Bukhara layers in the Tajik Depression and its mountain margin. K. V. Bakov, L. P. Kabanova, G. Kh. Salhiarov. Dokl. AN Tadzh. SSR 12 no. 2:48-50 '68.
New find and age position of Kalut basins. A. N. Gol'kov, M. M. Pankhina. Uzb. geol. zhur. 12 no. 1:5-20 '68.

551.7(575.4)—Turkmen S. S. R.
Lower Turonian of Turkmen and adjacent regions. V. I. Kuznetsov. Dokl. AN SSSR 181 no. 3:658-660 Ji '68.

551.7(58)—Arctic and North Polar regions
Change in the composition of blemmites on the boundary of the Jurassic and Cretaceous in the Arctic and Boreal-Atlantic zoogeographic areas. V. N. Saks, T. I. Nalimova. Trudy Inst. geol. i geof. Sib. otd. AN SSSR no. 48:80-89 '68.

New data on the Paleozoic stratigraphy of Vrangeli Island. G. S. Gribchenko. Dokl. AN SSSR 179 no. 2:407-409 '68.

551.8 Paleogeography
551.8(470)—European U. S. S. R.
Climate of the southern part of the Russian Plateau at the beginning of the Pleistocene. M. P. Gricluk, A. I. Moskvitin. Dokl. AN SSSR 178 no. 6:1157-1163 '68.

- 552 Petrology. Petrography. Alteration of magnetized sedimentary rocks under the effect of heating. T. N. Tretjak, O. M. Rusakov. *Geol. zh.* no. 24:12-22 '68.
- Amphibolites in metacarbonates and igneous rocks. A. P. Vinogradov, K. P. Fominskii, V. F. Volynets. *Geokhimiia* no. 1:375-385 '68.
- Anticrystallinity of elastic properties of rocks. K. S. Alekseev and others. *Izv. AN SSSR, Ser. geol.* no. 6:17-28 '68.
- Application of methods of multidimensional statistical analysis for the division of different-age Alpine-type ophiolites according to their petrochemical properties. V. V. Volinskii, G. V. Minin, G. N. Karatueva. *Geol. i geofiz.* no. 1:83-88 '68.
- Application of the "accelerated atom-volume" method for the weight expression of the modification change of substances in metamorphism. B. V. Muzil'skii. *Izv. AN SSSR, Ser. nauk o zem.* no. 1:61-67 '68.
- Carbonic crystallizing compounds in products of coal oxidation by oxygen under pressure. A. Z. Humantseva and others. *Khim. i tekhn. topl.* no. 2:81-85 '68.
- Clays in the composition of soils in enrichment by sulfur. A. N. Chisova, L. A. Paltuginskii, V. A. Chashchinskii. *Izv. AN SSSR, Ser. geol.* no. 6:71-76 '68.
- Correlation method for the mathematical substantiation of petrochemical-geophysical characteristics and physico-chemical properties of rocks. V. N. Kargin'skii. *Trudy MINKhGIP* no. 67:125-135 '67.
- Correlation of granite intrusions on the basis of the average content of the content of titanium and niobium in rocks. V. G. Pospelov. *Geokhimiia* no. 6:447-505 '68.
- Dependence of diffusion and adsorption activities of sandy argillaceous rocks on their chemical composition. V. N. Bakhturov. *Trudy MINKhGIP* no. 67:67-71 '67.
- Determining temperatures of the formation of rocks by the method of T. F. V. Blyth. M. D. Krylova. *Geokhimiia* no. 6:549-555 '67.
- Determining the clayiness of rocks by data of the gamma method and spontaneous polarization potentials. I. A. Knykalskikh. *Geofiz. zh.* no. 24:48-50 '68.
- Determining the content of lead in standard A-1 and W-1 samples and rocks with low lead content by the method of photoluminescence polarography. V. V. Zaitova. *Geokhimiia* no. 6:542-544 '67.
- Determining the reactivity of rock samples by the two-electrode method. I. A. R. Morozovskii. *Trudy MINKhGIP* no. 67:64-67 '67.
- Distribution of copper in genetically associated granitoid series. V. I. Serykh. *Geokhimiia* no. 11:1027-1033 '68.
- Duration of the formation of granitoid complexes based on radiologic data. T. G. Pavlov. *Dokl. AN SSSR* 161 no. 1:154-157 '68.
- Effect of high hydrostatic pressure on the magnetic properties of igneous rock. T. S. Ichedev, B. A. Savonko, D. V. Kornetov. *Geofiz. zh.* no. 24:5-11 '68.
- Effect of hydrolyzed polyacrylamide on clay suspensions. N. A. Zayonchkina, K. A. Kaganakova. *Koll. zh.* no. 6:767-802 '68.
- Effect of solid phase content and temperature on the rheological properties of past. M. P. Volozhetskii, I. I. Likhachev, V. A. Poriko. *Koll. zh.* no. 6:766-791 '68.
- Gaslike xenoliths in monoliths of the region of the Sea of Azov. G. K. Ushakov, *Dop. AN URSR, Ser. B* 39 no. 7:580-593 '68.
- Evaluation of induced radioactivity in stony meteorites. A. K. Lavrukhina, G. K. Ustinova. *Dokl. AN SSSR* 179 no. 6:1448-1451 '68.
- Evaluation of the alkalinity of granitoid rocks. I. V. Nosyrov. *Dokl. AN SSSR* 181 no. 3:708-709 '68.
- Experiments in the thermomagnetic cleaning of crystalline rocks. N. P. Mikhailova. *Geofiz. zh.* no. 24:23-31 '68.
- Experimental drill for studying thermal conductivity of rocks at high pressures and temperatures. A. A. Aban-Zade, A. A. Gylmanov, E. M. Balramov. *Zutekh. prog.* 5 no. 7:25-27 '65.
- Feldspars of granitoids of the Ural as indices of their formation conditions. G. B. Fershtater. *Dokl. AN SSSR* 180 no. 6:1457-1459 '68.
- Generalization of electric conductivity data for igneous rocks at high temperatures in connection with the structure of the earth's crust and upper mantle. A. T. Bondarenko. *Dokl. AN SSSR* 178 no. 6:1058-1060 '68.
- Inclusions in stony meteorites. A. A. Iashinskii. *Min. sb.* 21 no. 3:278-281 '67.
- Increase of the chemical activity of coals (in relation to oxygen) as a result of their heating. E. A. Terpogozova. *Khim. i tekhn. topl.* no. 2:118-120 '68.
- Iridium in some igneous rocks of the U. S. S. R. V. V. Ivanov. *Geokhimiia* no. 12:1101-1110 '68.
- Introduction of a unified terminology for microcomponents of ignites. N. I. Babinkova, S. A. Musiel. *Izv. AN SSSR, Ser. geol.* no. 6:74-85 '68.
- Manganese-iron ratio in igneous rocks. I. I. Abramovich, E. D. Vysokostrovskaya, E. F. Dorofeeva. *Geokhimiia* no. 11:996-1001 '68.
- Mineral parageneses with monticellite and melilitite in rocks of metamorphic and metasomatic genesis. V. V. Bivardalio. *Geol. i geofiz.* no. 1:58-67 '65.
- Nature of activity of polyargillite clays. I. T. Uskov, V. H. Kholomov, I. A. Uskov. *Koll. zh.* no. 6:867-871 '67.
- Nature of the magnetization of ignimbrites. E. I. Vetrica, A. R. Geyser, M. A. Pevner. *Dokl. AN SSSR* 181 no. 1:152-155 '68.
- Nature of the specific coloration of some minerals in alkali rocks and pegmatites. O. B. Dudkin. *Min. i tekhn. topl.* no. 6:168-169 '67.
- A new method of anthracite activation. I. I. Novikov, K. E. Lukhovich. *Khim. i tekhn. topl.* no. 2:128-131 '68.
- On the formulation of the direct and reverse problem in lithology. M. G. Serbulenko. *Geol. i geofiz.* no. 1:76-82 '68.
- Oxygen desorption by coals depending on temperature. G. I. Orlovskaya, V. I. Agafonova. *Khim. i tekhn. topl.* no. 2:26-30 '68.
- Petrochemical characteristics of ore-bearing granitoids. Z. G. Karmov. *Dokl. AN SSSR* 179 no. 6:1436-1439 '68.
- Petrography of sedimentary rocks. Translated from the English. Petrografia usadokhnykh porod. I. G. B. Mithner. *Moskva, "Nedra."* T. 1. 1958. 500 p.
- Photoacoustic studies of colloidal properties of petroleums. V. V. Dvorkin. *Izv. vuzov, ucheb. zav.* no. 1:127-131 '68.
- Possibility of borate sedimentation from a eutonic brine in eutectic sea-type basins. A. A. Lazarevskii. *Sov. geol.* no. 2:15-24 '68.
- Relationship of accessory elements in granitoids. I. I. Kononov. *Izv. AN SSSR, Ser. geol.* no. 6:132-135 '68.
- Role of soil-carbon dioxide in the leaching of the surfaces of carbonate rocks. E. M. Galtimov. *Trudy MINKhGIP* no. 67:72-74 '67.
- Role of the particle size of material in the formation of properties of terrigenous rocks. B. M. Vencel'skii, V. V. Pospelov, V. I. Pospelov. *Trudy MINKhGIP* no. 67:5-25 '67.
- Separation and identification of benzene carboxylic acids from oxidation products of weathered brown coals of the Kanskoe deposit. S. S. Sarymsky and others. *Khim. i tekhn. topl.* no. 2:86-93 '68.
- Self-ignition of coal and a study of its hydrocarbons obtained. A. T. Buzic, P. Poljan. *Khim. i tekhn. topl.* no. 2:125-127 '68.
- Some factors affecting the nature of thermoluminescence of carbonate rocks. V. I. Florin. *Problemy fiz. i kolloid. veshch.* no. 8:208-217 '67.
- Study of oxidation-reduction properties of sedimentary terrigenous rocks. I. S. Evseeva, N. P. Fomina. *Geokhimiia* no. 11:1050-1054 '68.
- Thallium in some igneous rocks. John R. Hultin. *Geokhimiia* no. 6:514-523 '67.
- Thermophysical properties of aqueous clay suspensions. R. S. Lerner, E. G. Kister. *Koll. zh.* no. 6:922-928 '68.
- Transformation of organic compounds in sedimentary rocks and the organic substance of graptolites of Devonian strata. S. M. Menekshin, T. V. Dvortsova. *Geokhimiia* no. 11:953-962 '67.
- Value of local and regional paleogeothermal gradients. V. V. Rovedalio. *Dokl. AN SSSR* 179 no. 6:1421-1423 '68.
- [Volcanism and tectogenesis] Vulkanizm i tektonogenez. Moskva, "Nauka," 1968. 254 p. (Mozhdunov, geol. kongress. XXIII sessiya. Doklady sovetskikh geologov. Problema 2).
- 552(234) — Mountains of Europe Behavior of chromium, nickel, and cobalt in the formation processes of the Kytlym platiniferous-bearing massif. A. A. Efimov, L. P. Ivanova. *Geokhimiia* no. 11:1034-1043 '68.
- Composition and some other characteristics of porphyreous solutions of microcline in Late Paleozoic granitoids of the eastern slope of the Ural. G. B. Fershtater. *Dokl. AN SSSR* 181 no. 2:447-450 '68.
- Distribution of lead in different genetic types of granitoids of the Ural. N. D. Znamenskii, M. V. Tratanova. *Dokl. AN SSSR* 180 no. 3:713-714 '68.
- Distribution of nickel in ultrabasic rocks of the Ural. D. S. Shoenberg, I. A. Malakhov. *Geokhimiia* no. 11:982-985 '68.
- 552(235) — Mountains of Asia Age and genesis of two-mica and muscovite granites in the Kabas intrusive complex and on their role in the formation of deposits. N. I. Rafienko. *Dokl. AN SSSR* 179 no. 2:437-439 '68.
- 552(236) — Mountains of Asia Content of manganese, barium, and strontium in alkali rocks of the Kola Peninsula. V. I. Gerasimovskii, M. I. Deliev. *Geokhimiia* no. 12:1111-1123 '68.
- Mineral composition of ores and wall rocks of the eastern flank of the Allardzhinskaya copper-nickel sulfide deposit (Altai region). I. U. N. Ivanov, A. K. Akhieva. *Min. i tekhn. topl.* no. 6:63-67 '67.
- Rock-forming calcite of the Lovozero alkali massif. I. V. Buzon, I. L. Rogachev. *Min. i tekhn. topl.* no. 5:194-213 '67.
- Using an aerial photograph survey for determining the primary genesis of deep metamorphosed alkali rocks of the Kola Peninsula. A. V. Sidorenko, V. A. Orlovskii. *Dokl. AN SSSR* 180 no. 3:887-890 '68.
- Zinc and cadmium ratio in minerals of rocks of the Lovozero Massif. V. I. Orlovskii, A. M. Turova, I. D. Shchegolevskii. *Geokhimiia* no. 5:501-507 '67.
- 552(471.52) — Bashkir A. S. S. R. Investigating bunter argilla and residual coat of the Babayevsk deposit. K. A. Kuznetsov, N. P. Karpenko. *Khim. i tekhn. topl.* no. 2:13-14 '68.
- 552(471.54) — Sverdlovsk Province Argillaceous intercalations of the Petropavlovsk band region as indices of development stages of the weathering surface on the adjacent belt. P. K. Vlasov. *Dokl. AN SSSR* 181 no. 7:681-683 '68.
- 552(474.51) — Lithuanian S. S. R. Change of the granulometric composition and degree of roundness of sand in wind-driven sand depending on wind velocity on mobile dunes of the Kursh Neris Spit. V. Minkovskis. *Trudy AN LII, SSR Ser. B* no. 1:102-117 '68.
- 552(477) — Ukrainian S. S. R. Accessory monazite in rocks of the Novo-Lyubimsky Massif. I. P. Iakovchenko, A. L. Il'yeva. *Min. sb.* 21 no. 3:290-301 '67.
- Distribution of coral reef facies in the Upper Jurassic of the Dolgopr-Donets Depression. M. E. Kanskii. *Dokl. AN SSSR* 179 no. 2:423-426 '68.
- Functions of the distribution of lithium, rubidium, and some of the heavy minerals in granites of Kuznetsky Mogily and Yekaterinovka (Azov Sea region). V. P. Kula, V. S. Malchenko. *Geokhimiia* no. 12:1124-1130 '68.
- Main elements of the tectonics of the Ukrainian Shield. V. A. Rubchenko. *Dop. AN URSR, Ser. B* 39 no. 7:590-603 '68.
- Mineralogical composition of Carboniferous, Permian, and Triassic clay rocks in the Dolgopr-Donets Lowland in connection with drilling technology. A. E. Likhin, N. V. Shchukin, A. A. Fedorov. *Izv. vuzov, ucheb. zav.* no. 1:127-131 '68.
- Natural gases in metamorphic rocks and ores of the Krivoy Rog basin. G. V. Tokhtuev, T. A. Frantzenova. *Geokhimiia* no. 10:661-663 '68.
- Tritillite high orthoclase from monzite-albiteite polymorphs of the Sea of Azov region. I. D. Urvov. *Min. sb.* 21 no. 3:282-287 '67.
- 552(477.6) — Donets Basin Determining the yield of volatile substances in chemical bed samples of coal as exemplified in the southwestern Donets Basin. E. A. Iakovlev. *Izv. vuzov, ucheb. zav.* no. 1:70-75 '68.
- Find of so-called faunistic and mixed coal balls in coals of the Donets Basin. P. V. Zaritskii. *Dokl. AN SSSR* 180 no. 3:707-709 '68.
- 552(477.88) — Transcarpathia Ignimbrite-ash formations in Transcarpathia. I. G. Danilovich, L. P. Timoshkova. *Dokl. AN SSSR* 180 no. 6:1432-1434 '68.
- 552(477.9) — Crimea Nature of the dark coloring of Middle Sarmatian limestone of the Crimean outcrops. L. S. Bilokaya, D. I. Ilichevskii. *Dop. AN URSR, Ser. B* 39 no. 7:579-582 '68.
- Regularities in the distribution of clay material in carbonaceous rocks of the Taronian of the Odyabrskoye area in the Crimea. V. S. Kudryavtsev, N. A. Skilitskaya. *Trudy MINKhGIP* no. 67:26-32 '67.
- 552(478) — Moldavian S. S. R. New data on the lithology of Upper Cretaceous sediments of the Moldavian S. S. R. E. S. Peres. *Dokl. AN SSSR* 179 no. 4:957-960 '68.

552(479)—Caucasus and Transcaucasia

Temperature of the hydrothermal mineralization of the rocks in the Devonian volcanic sedimentary complex of the Northern Caucasus. G. K. Khushleva, Izv. vuz. geol. i razv. geol. i razv. II no. 7:57-59, 1968.

552(479.22)—Georgian S.S.R.

Amphibolite mineral formations in the Upper Cretaceous rocks of Mount Ashki (western Georgia). A. Sh. Dzhidze, Sov. AN Gruz. SSR 47 no. 3:625-630 '67. Formation of metasomatic perthites. T. V. Ivanitskii, Sov. AN Gruz. SSR 47 no. 3:631-636 '67.

552(479.24)—Azerbaijan S.S.R.

Pyrochemical and flow properties of paraffin-based petroleum from certain fields of the Azerbaijan S.S.R. I. I. Shikhsalita, S. A. Akhmedov, Izv. vuz. geol. i razv. geol. i razv. II no. 3:61-64 '68. Simultaneous production of light oil and the "amol-6" lubricant from Beshlagay Island petroleum. L. I. Gafurin, A. A. Khasidze, I. M. Akhmedov, Izv. vuz. geol. i razv. geol. i razv. II no. 3:45-47 '68. Studying colloidal-chemical properties of some clays in the Kura Lowland. A. M. Balramov and others. Azerb. neft. khoz. 47 no. 6:18-20, 1968.

552(519.3)—Mongolian People's Republic

First finds of Foraminifera in southeastern Mongolia. O. D. Sheterko, Dokl. AN SSSR 180 no. 3:691-691 '68.

552(571)—Asianic R. S. F. S. U.

Interrelations of tectogenesis, tectonics, and oil content of the structure of the Salayskoye Uplift in Western Siberia. E. V. Volkov, V. I. Gerasimov, Z. N. Bisharskaya, Dokl. AN SSSR 180 no. 3:681-681 '68. Intrusive series of the northeastern part of the Kizil-Kazir synclinorium (Eastern Sayan Mountains) and their connection with mineral deposits. G. A. Grevstov, Dokl. AN SSSR 179 no. 6:1411-1412, 1968. Metasomatic processes of postmagmatic stage in nepheline-syenite masses of western Transbaikalia and the northern part of the Lake Balkat region. Geol. i geofiz. no. 1:135-139, 1968. Origin of breccia of the "Central" complex metal deposit in eastern Transbaikalia. M. A. Svirskii, Trudy IPI no. 39:149-152 '68. Granite-diorite and gabbro-diorite-diorite Upper Triassic formations of eastern Transbaikalia. V. P. Dolganov, Dokl. AN SSSR 179 no. 2:413-415 '68. Uranium and thorium in igneous rocks of western Transbaikalia. V. A. Semenov, Geokhimiya no. 1:92-108 '68.

552(571.12)—"Yumen" Province

Mineralogical characteristics of the clay component of productive sediments in the Tsel'itskoye field in connection with the study of their reservoir properties by gamma logging. R. S. Sakulgarov, N. D. Lofov, Neftegaz. geol. i geofiz. no. 4:11-14 '68.

552(571.151)—Gorno-Altai Autonomous Province

Gabbro-pyroxenite-diorite intrusive association in the Kuznetsk Alatau. I. M. Volokhov, V. M. Ivanov, V. P. Prigov, Dokl. AN SSSR 179 no. 1:91-93 '68.

552(571.51)—Taimyr National District

Triassic system and orderliness of orthoclase in Permian granites of the Taimyr Peninsula. L. V. Mikhailov, A. F. Kotlyarskiy, Dokl. AN SSSR 181 no. 3:702-705 '68.

552(571.52)—Tura A. S. S. R.

Chromite mineralization of the ultrabasic belts of Tura. V. P. Frenker, M. V. Pavlov, A. K. Shilov, Izv. AN SSSR, Ser. geol. no. 5:45-56, 1968.

552(571.53)—Irkutsk Province

Kondorera-Mamakan plutonic series of the Balkat-Patom Plateau and the problem of the genesis of its alkali rocks. V. V. Zafutskii, Trudy IPI no. 30:84-102 '68. Mineralogical composition of kaolinite argillites in the Gynyl'skoye deposit of Irkutsk Province. E. E. Kuchkin, Trudy IPI no. 30:117-127 '68.

552(571.54)—Buryat A. S. S. R.

Physical properties of rocks and ores in Buryatia. T. S. TS. Tsyrendorzhiev, Krat. soob. RICH no. 2:42-45 '69.

Some characteristics of granulites of the Pervomayskiy and Gorkhskiy Massifs in the Dzhida basin. E. M. Smolnitskii, A. A. Shumanskii, G. A. Gonchar, Trudy IPI no. 30:75-83 '68.

552(571.55)—Chita Province

Gold in sedimentary formations of the Kolar-Udokan region. I. P. Bezodnykh and others. Dokl. AN SSSR 175 no. 4:27-30 '68.

552(571.58)—Yakut A. S. S. R.

Petrographic peculiarities and conditions governing the formation of Alatau-Chudinka coals. V. I. Frolov, Izv. vuz. geol. i razv. geol. i razv. II no. 7:60-61 '68. Metamorphic mineral alteration in basic siltites of southern Yakutia. E. A. Kuznetsov, Dokl. AN SSSR 181 no. 1:200-203 '68.

Transformation of fluid inclusions in a sapropel medium from the example of the Olmuk baghead. G. S. Kalmykov, N. I. Bisharskaya, Khim. i tekh. topl. no. 2:65-71, 1968.

Zonality of the postmagmatic mineralization of the Obalchyny granodiorite intrusive in the northeastern Kolyma Valley. M. D. Chasovitin, Trudy IPI no. 30:140-144 '66.

552(571.68)—Kamchatka Province

Composition of the composition of intrusions and the composition of extrusive formations, as exemplified by the study of basaltic and ultrabasic of Kamchatka. S. A. Stetsko, G. N. Starikov, Dokl. AN SSSR 181 no. 3:710-713 '68.

552(574)—Kazakh S.S.R.

Clay minerals in the Cretaceous sediments of the Uzun field. M. A. Babko, Trudy MINKHGP no. 67:33-38 '67.

Content of germanium in igneous and altered rocks of Kazakhstan. I. P. Novokovskii, S. K. Kalinin, G. M. Zaitseva, Izv. AN Kazakh. SSR, Ser. geol. 35 no. 1:61-65, 1968.

Density characteristics of Permian and Triassic rocks of the western Karamay in the Mangyshlak Peninsula. K. Husharskaya, V. S. Kozlov, V. I. Zhurav, Trudy MINKHGP no. 67:39-43 '67.

Lithoprobe types of Paleozoic flyschite rocks of the Kuba structural-facies zone. B. N. Ganshin, Izv. AN Kazakh. SSR, Ser. geol. 35 no. 1:24-37, 1968.

552(575)—Central Asia

Basaltic and Pro-Mesozoic rocks in the central part of Soviet Central Asia. V. S. Kozlov, O. A. Shum, S. I. Zaitseva, Trudy MINKHGP no. 67:44-47 '67.

Zonality of metamorphic, metasomatic, and paleogeographic rocks in the eastern part of the Central Pamirs. M. S. Puhov, V. A. Popova, V. S. Pavlenko, Dokl. AN SSSR 181 no. 1:196-199, 1968.

552(575.1)—Uzbek S.S.R.

Epidiots of the Tashkent. E. M. Kozlov, Uzb. geol. zhurn. 12 no. 1:80-84 '69.

Micrographic specialization of petrochemical provinces of Uzbekistan and adjacent regions. I. M. Golovinskiy, I. A. Kuznetsov, B. N. Kuznetsov, Uzb. geol. zhurn. 12 no. 1:81-84 '69.

Alloys and elements of clays of southern Uzbekistan. M. Z. Zakhov, M. B. Kuznetsov, U. M. Kuznetsov, Uzb. geol. zhurn. 12 no. 1:85-87 '69.

552(575.31)—Turkmen S.S.R.

Geochemical conditions of the accumulation and transformation of the organic matter of Upper Cretaceous sediments of the Dashkasan Trough. U. A. Akhmedov, T. A. Sharov, E. D. Akhmedov, Dokl. AN Turkmen. SSR 11 no. 2:44-47 '68.

Mineral salts in loess rocks of Tajikistan deposits. A. M. Pilesov, Dokl. AN Tadzh. SSR 11 no. 2:54-57 '68.

552(581)—Arctic and North Polar regions

New data on the Paleozoic stratigraphy of Vrangeli Island. G. S. Gubaidulin, Dokl. AN SSSR 179 no. 2:437-440 '68.

552(599)—Antarctica, South Polar regions

New data on the Trinity series (C1, 2) in western Antarctica. G. E. Grikorov, A. F. Dimer, Dokl. AN SSSR 179 no. 2:410-412 '68.

553 Economic geology. Minerals. Ores

Application of the "accelerated atom-volume" method for the weight expression of the quantitative change of elements in metamorphism. B. V. Anisimov, Izv. AN Azerb. SSR, Ser. Nauk o zem. no. 1:61-67 '68. Uran distribution in recent to eutectic sediments. A. I. Mos, B. I. Zakhov, Geokhimiya no. 1:1003-1004 '62. Cadmium in alkali rocks. B. I. Zakhov, V. I. Lebedev, Geokhimiya no. 6:503-504 '62.

Changes of the morphological changeability of zircon. G. K. Gerasimova, U. B. Martin, Zop. LGI 51 no. 2:56-67 '68.

Characteristics of the relief and nonmetallic mineral deposits in the Ocher and Obninsk districts of Perm Province. T. A. Mazur, A. N. Guseva, Uch. zap. Perm. gos. no. 105:3-16 '67.

Conference on volcanic glass. Vop. geog. Kamech. no. 5:194-195 '67.

Connection between the distribution of geochemical types of oil and the tectonic conditions. I. S. Strobilova, Dokl. AN SSSR 180 no. 6:1404-1406, 1968.

Content of nickel in rock-forming minerals of ore-bearing gabbro-diorites in the Noril'sk deposit. A. D. Gunkin, R. L. Telegina, O. A. Alekseeva, Geokhimiya no. 11:1044-1048 '63.

Correlation of granite intrusions on the basis of the determination of the content of lithium and beryllium in mica. V. G. Ponomarev, Geokhimiya no. 6:457-500 '62.

Crushing and oil-pipe velocity of iron ore particles in co-current jet-type mills. E. E. Sergo, Izv. DGI 42:59-60 '67.

Distribution of rare earths in a series of successively crystallizing minerals. S. D. Turovskii, U. U. Umanov, A. V. Nikolova, Dokl. AN SSSR 179 no. 6:1170-1181 '68.

Isotopic effect of thermal decomposition of peat at high heating rates. S. M. Ropitskaya, Top. prom. 45 no. 8:18-20 '68.

Find of metallic mercury in a pine tree. V. N. Znamirovskii, Trudy IPI no. 30:123-131 '68.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

Genesis of endogenous ore deposits. Candide endogenous rudnykh mestorozhdeniy. Rod. V. I. Smirnov, Moskva, "Nedra," 1968. 710 p.

- 553.9 (Continued)
- Some results of studying reservoirs in the central regions of the Russian Platform by the methods of field geophysics. V. I. Gorshakov, T. M. Trushko. *Trudy MINKHIMP* no. 67:73-78 '67.
- Studying the distribution of fluids in the well zone of a formation with the aid of wire line formation testers. A. I. Elionov, P. A. Brodskii. *Neftegaz. geol. i geofiz.* no. 3:35-37 '68.
- Studying the processes of establishing equilibrium in the condensation of gas condensate systems. E. S. Sadykh-Zade and others. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 2:41-42 '68.
- Transition of gas from saturated oils into the water phase and its effect on the physical properties of fluids. O. P. Ragimov and others. *Izv. Ak. Azerb. SSR. Ser. nauk o zem. i v. i. 91-95 '66.*
- Ultrasonic method for determining oil-water interface. E. S. Pridalka. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 3:16 '68.
- 553.9(471.31) — Moscow Province
- Indications of oil and gas occurrences in the Lyubim area of the Moscow province. V. N. Dzhiziev, V. I. Udaevskiy. *Trudy MINKHIMP* no. 67:82-87.
- 553.9(471.52) — Bashkir A. S. S. R.
- Studying the kerosene distillates of Aikar petroleum. B. V. Klement and others. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 2:43-45 '68.
- 553.9(477) — Ukrainian S. S. R.
- Natural gases in metamorphic rocks and ores of the Kuryevskiy Basin. G. V. Tikhonov, T. A. Frantsuzova. *Geokhimiya* no. 10:561-563 '67.
- 553.9(477.6) — Donetsk Basin
- New data on the hydrogeology of the Kozov Trough in the outer zone of the Carpathian piedmont fault-inclination with its prospects for gas occurrences. I. P. Myshkin, B. P. Il'yun, Neftegaz. geol. i geofiz. no. 4:42-45 '66.
- Prospects for finding oil and gas pools in the Donets syncline of the Donets-Dnieper Lowland. M. E. Chapurin, G. S. Bralovskiy, V. I. Zuyvatov. *Neftegaz. geol. i geofiz.* no. 1:22-25 '68.
- Prospects for oil and gas occurrences in the Donets syncline of the Caspian-Leykovoyskoye salt dome field. M. V. Khudy. *Nef. i gaz. prom.* no. 3:1-4 May '68.
- Trace elements in the Lower Permian petroleum from the Donets-Dnieper Lowland. V. A. Kralushkin, S. R. Kuzakov. *Neftegaz. geol. i geofiz.* no. 4:25-26 '68.
- 553.9(477.8) — Western Ukraine
- Development of the oil pool, partially isolated, northwestern limb of the Vygod pool in the Dolina oil field. A. I. Akul'shin, V. P. Vasilchuk. *Neftegaz. geol. i geofiz.* no. 4:29-31 '66.
- Tectonic structure and evaluation of oil and gas prospects of the Yampaya Solonchak region in the Cis-Carpathian foredeep. M. A. Dzhiziev. *Neftegaz. geol. i geofiz.* no. 4:18-21 '68.
- 553.9(477.9) — Crimea
- Evaluating the characteristics of sandy argillaceous reservoirs in the Maykop of the Dnieper field. II. U. Vennikshstein, N. V. Manel'skiy. *Trudy MINKHIMP* no. 67:143-147 '67.
- Geological and geophysical characteristics of fractured and cavernous oil and gas reservoirs in the Melnyaya area. I. I. Avdonin, A. V. Dakhov. *Trudy MINKHIMP* no. 67:149-161 '67.
- 553.9(479) — Caucasus and Transcaucasia
- New data on the tectonics of the southeastern part of the submergence of the Kuzkuchlag anticline. A. N. Gashcheyev. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 3:11-14 '68.
- 553.9(479.24) — Azerbaijan S. S. R.
- Distribution of oil in the Sub-Kirmak series in the Buzgaly, Chikmaglar, and Jalutep deposits. R. A. Makhlouf. *Izv. Ak. Azerb. SSR. Ser. nauk o zem. i v. i. 1:20-24 '68.*
- Experimental determination of losses and changes in condensate recovery from the Sub-Kirmak series in the Kuzmaglar region in a depletion drive. M. S. Razumov and others. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 2:37-40 '68.
- Geomorphology of the region of the mud volcano on the Makarov shorl. Z. B. Tagiev, P. P. Kuznetsov. *Azerb. nef. khoz.* 47 no. 8:9-11 Jo '68.
- Hydrochemical characteristics of formation waters of the fields Sangachaly-Moro, Duvanyy Island, and Khara-Zire Island (Bulla Island). A. A. Delafarov and others. *Azerb. nef. khoz.* 47 no. 6:3-6 Jo '68.
- Hydrogeochemical characteristics of the Peschany-Mor field in connection with the prospects for oil and gas occurrences in the southern part of the Apscheron region. B. S. Molitarskiy. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 2:14-16 '68.
- Initial oil pool outlines in the horizons of the lower part of the productive strata in the Apscheron Peninsula. A. K. Alier, R. Kh. Vezhova, V. M. Makhlouf. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 2:17-19 '68.
- Lithofacies changes and reservoir properties of rocks in horizon I of the productive strata in the Kyrasgyn field. R. A. Tagiev, S. S. Adzhilova, M. A. Gul'dist. *Azerb. nef. khoz.* 47 no. 6:1-2 Jo '68.
- Physicochemical characteristics and prospects for oil and gas occurrences of the Sub-Kirmak series in the Peschany-Moro field. A. A. Mirzoev. *Azerb. nef. khoz.* 47 no. 8:5-7 Jo '68.
- Sulfate content of formation waters of deep oil, gas, and condensate pools. M. Z. Rakhimov, A. R. Akhmedov. *Izv. Ak. Azerb. SSR. Ser. nauk o zem. i v. i. 1:25-35 '68.*
- 553.9(497.2) — Durgat
- Evaluating the porosity factor of cavernous and fractured carbonate rocks. T. V. Ivanov. *Trudy MINKHIMP* no. 67:121-123 '67.
- Some characteristics of cavernous and fractured reservoirs. T. V. Ivanov. *Trudy MINKHIMP* no. 67:115-120 '67.
- 553.9(540) — India
- [Geology and oil and gas potentials of India. Translated from the English.] *Geologia i neftegazoznaniye* Indii. Pod red. L. P. Matura i P. Evans. Pod red. i s. predisl. R. B. Seifull' Mulukova. Moskva, "Mir," 1966. 143 p. (XXII mezhduar. geol. kongress, Indii, 1964).
- 553.9(571) — Asiatic R. S. F. S. R.
- Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya. [Oil-producing strata and conditions for oil formation in the Mesozoic sediments of the West Siberian Plain] *Nefteproizvodashchie tolshechi i usloviya obrazovaniya nefi v mezozoijskikh otlozheniyakh Zapadno-Sibirskoi nizmenosti*. Leningrad, "Nedra," 1967. 222 p. (Ist. Trudy, no. 50)
- 553.9(571.12) — Tyumen' Province
- Mineralogical characteristics of the clay component of productive sediments in the Ust'-Bab'y oil field in connection with the study of their reservoir properties by gamma logging. R. S. Sakhabaev, V. I. Evko. *Neftegaz. geol. i geofiz.* no. 4:14 '68.
- Some characteristics of the structure and oil and gas potentials of the productive horizon A₁ in the Nizhne-Vartovskoye arch. A. K. Bagandirov, R. I. Demushkin, M. K. Alomov. *Neftegaz. geol. i geofiz.* no. 4:6-11 '68.
- 553.9(571.51) — Krasnoyarsk Territory
- New data on the tectonics of the northern part of the Krasnoyarsk Territory on the left bank of the Yenisey River. V. P. Borodin and others. *Neftegaz. geol. i geofiz.* no. 4:3-6 '68.
- 553.9(571.64) — Sakhalin Province
- Geological structure of the coastal zone of the Novell region in southern Sakhalin. H. D. Rodnikov, A. S. Gurevich. *Neftegaz. geol. i geofiz.* no. 4:14-17 '68.
- 553.9(575.4) — Turkmen S. S. R.
- Origin of underground waters in the Middle Pliocene sediments of the Chyloken Peninsula. M. F. Mozhayev. *Izv. vuz. ucheb. zav. i nef. i gaz. II* no. 2:6-13 '69.
- 56 PALEONTOLOGY. FOSSILS
- New data on the marine Pliocene of the Taymyr Lowland. V. I. Gulin, N. A. Kuzhdina, S. I. Troshkin. *Geol. i geofiz.* no. 1:40-48 Jo '68.
- Transformation of organic compounds in sedimentary rocks and the organic substance of graphite of Devonian shales. S. M. Menekina, T. V. Dzhizlova. *Geokhimiya* no. 11:143-162 '68.
- 56(470) — European U. S. S. R.
- Miocene flora of the Okla-Don Lowland. T. A. Falchikovskaya, I. I. Kostlova. *Dokl. AN SSSR* 170 no. 6:1424-1427 Apr '68.
- 56(478) — Moldavian S. S. R.
- [Paleontology, geology, and minerals of Moldavia] *Paleontologia, geologia i minerale din Republica Moldova*. Kishinev, [Vyp. 2]. [Paleontology and stratigraphy] *Paleontologia i stratigrafia*. 1967. 250 p.
- 56(60) — Antarctica, South Polar region
- New data on the Triassic series (C₁-2) in western Antarctica. G. E. Grikov, A. P. Dubov. *Dokl. AN SSSR* 179 no. 2:410-412 '68.
- 561 Systematic paleobotany
- Fruit of the genus *Limonocarpus* C. Roid from Paleogene sediments of the U. S. S. R. P. I. Dorofeev. *Dokl. AN SSSR* 180 no. 6:1467-1470 Jo '68.
- 561(470) — European U. S. S. R.
- Age of the cretaceous relief flora in southeastern European Russia. A. P. Kozdrakova. *Blud. MOIP. Otd. biol.* 73 no. 2:102-109 Mr-Apr '68.
- Paleontological characteristics of the sediments in the western part of the Timan Range region. V. A. Molin, M. I. Murav'eva. *Trudy Inst. geol. Kom. III. AN SSSR* no. 6:77-94 '67.
- Pseudocladocladia plants - Sesol elegans Schleich. Gasparrinia donetzka Dubovik, Erysalum silvaticum M. V. - and the time of their appearance in the Dora of the Russian Plate. G. E. Grosset. *Blud. MOIP. Otd. biol.* 73 no. 2:81-101 Mr-Apr '68.
- 561(471.1) — Northern R. S. F. S. R.
- Some forms from Permian sediments of the Pechora portion of the Ural Mountain region. I. A. Fotlova. *Trudy Inst. geol. Kom. III. AN SSSR* no. 6:56-76 '67.
- 561(471.6) — Northern Caucasus
- Flora of Late Devonian flora in the Karachay series (Northern Caucasus). S. P. Monot, I. I. Gorkov, T. A. Ishchenko. *Dokl. AN SSSR* 180 no. 3:622-633 '68.
- Paleontological study of Quaternary sediments of the western Caucasus. I. I. Shal'ova. *Soob. AN Gruz. SSR* 47 no. 3:637-642 '67.
- 561(571.54) — Buryat A. S. S. R.
- Main stages in the history of the development of vegetation in the Vitim Plateau during the Quaternary. R. V. Fedorova and others. *Blud. MOIP. Otd. biol.* 73 no. 2:110-122 Mr-Apr '68.
- 561(571.6) — Soviet Far East
- Pollen of Angiosperms in Lower Cretaceous continental sediments of the southern part of the Far East. O. V. Shugayevskaya. *Geol. i geofiz.* no. 1:31-30 Jo '68.
- 561(571.66) — Kamchatka Province
- History of the apices and fire in Kamchatka during the Quaternary period. O. A. Ivanova, I. S. Evtel'skiy. *Vop. geog. Kamch.* no. 3:144-145 '67.
- 562 Systematic paleozoology
- Change in the composition of belemnites on the boundary of the Jurassic and Cretaceous in the Arctic and Boreal Atlantic zoogeographic areas. V. N. Saks, T. I. Nul'mayeva. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:80-80 '68.
- Changes of complexes of the species of fish faunas at the boundary between the Jurassic and Cretaceous in the Boreal and Arctic zoogeographic areas. V. A. Zakharova. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:90-100 '68.
- Determination of Late Jurassic and Early Cretaceous paleotemperature by the isotope composition of oxygen in the isotope of belemnites. R. V. Tefel, D. P. Nal'ma. *Izv. Saks.* *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:51-71 '68.
- New data on the marine Pliocene of the Taymyr Lowland. V. I. Gulin, N. A. Kuzhdina, S. I. Troshkin. *Geol. i geofiz.* no. 1:40-48 Jo '68.
- Report on the 2d Symposium on the Study of Fossils. Corals of the U. S. S. R. R. G. Babayev. *Izv. Ak. Azerb. SSR. Ser. nauk o zem. i v. i. 1:142-143 '68.*
- Systematic composition of the family Heteridae in the order Ichneumonidae. T. I. Nal'ma. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:18-25 '68.
- 562(234) — Mountains of Europe
- New representations of tetrapalaeontological flora of the Middle Devonian of the Northern Ural. V. S. Tyaglov. *Trudy Inst. geol. Kom. III. AN SSSR* no. 6:6-11 '67.
- 562(471.5) — Ural regions
- Vertical distribution of Brachiopoda in the Lower Carboniferous of the Northern Ural and Ural Mountain region. N. V. Kulzhayev. *Trudy Inst. geol. Kom. III. AN SSSR* no. 6:14-28 '67.
- 562(477) — Ukrainian S. S. R.
- Fossil ostracod fauna of the Ukraine. M. A. Volynskiy. *Blud. MOIP. Otd. biol.* 73 no. 3:3-20 '67.
- 562(53) — Arabia
- Natural Quaternary conditions in the subtropical desert zone of the Arabian Peninsula. G. A. Tolstolent. *Printed. obsl. i faun. prom.* no. 3:64-69 '67.
- 562(571) — Asiatic R. S. F. S. R.
- Ammonites of the genus *Cheloniceras* from boundary layers of the Jurassic and Cretaceous of Siberia. N. I. Shal'ova. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:101-107 '68.
- Familial characteristics of Triassic sediments in the southeastern part of the Ormolu block. R. T. Goshchik, K. V. Smirnov, V. M. Stepanenko. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:11-17 '68.
- Foraminifera in the Volga and Beria sediments of the northern part of Siberia and Arctic islands. V. L. Rusev. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:108-141 '68.
- Fate of the Ormolu Opellinae of the northern part of Siberia. F. S. Rakhova, S. V. Meledina. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:32-50 '68.
- Volga stage and the position of the boundary between Jurassic and Cretaceous systems in the Arctic zoogeographic area. V. N. Saks, M. S. Mosevalov, N. I. Shal'ova. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:72-79 '68.
- 562(571.15) — Altai Territory
- Gratalanov, R. T. [Brachiopoda and the Lower Devonian stratigraphy of the Gornyy Altai] *Brachiopoda i stratigrafia nizhnego devona Gornogo Altaya*. Moskva, "Nauka," 1967. 177 p.
- Kul'kov, N. P. [Brachiopoda and the Silurian stratigraphy of the Gornyy Altai] *Brachiopoda i stratigrafia silura Gornogo Altaya*. Moskva, "Nauka," 1967. 161 p.
- 562(571.61) — Krasnoyarsk Territory
- Relict fauna of Noril'sk lakes and its paleogeographical significance. V. V. Rogozhin. *Printed. obsl. i faun. prom.* no. 3:77-83 '67.
- 562(571.61) — Taymyr National District
- Composition of Foraminifera and their development in the Volga and Beria ages in the Khatanga Depression and in the northern part of the Taymyr Peninsula. E. F. Ivanova. *Trudy Inst. geol. i geof. Sib. Otd. AN SSSR* no. 48:142-146 '68.

576. b (Continued)
 Possibility to control the mutation process by applying chemical mutagens reacting mainly with monofunctional DNA following local changes in the state of DNA in cells. R. I. Salganik, Dokl. AN SSSR 180 no. 3:726-729 '68.
 Relationship between RNA metabolism and polyphosphates in some fungi. M. S. Krutskiy, T. A. Dolozhinskaya, I. S. Kulaev, Dokl. AN SSSR 180 no. 3:746-749 '68.
 Role of military physicians in working out problems of medical parasitology during the years of Soviet rule. V. A. Polshin, Voen.-med. zhur. no. 3:56-60 Apr '68.
 Scientific activity of A. A. Spiridonov, Member of the Academy of Sciences of the Moldavian S.S.R. E. M. Ryklov, O. F. Andriush, R. P. Smutko, Paraz. zhiv. i rast. no. 4:3-22 '68.
 Some changes in the flora and mesoflora lymph nodes under the effect of the suppression of the intestinal flora in white rats by means of antibiotics. L. N. Zykova, Antibiotiki 13 no. 9:824-825 '68.
 Study of drug resistance in Mycolic acid-producing tubercle bacilli: a review of Soviet literature. T. M. Ivanenko, M. N. Kuznetsov, S. S. Kuznetsov, Probl. khim. 45 no. 4:66-72 '68.
 Study of physiological-biochemical properties of lactic acid bacteria separated from buttes of different ages during fermentation. T. E. Mikhalova and others, Trudy VNIIMP no. 15:93-116 '67.
 Study of the microflora in the yeast growing equipment at the Yangtze Hydroelectric Plant. G. S. Kholodova, A. I. Zakhara, Gidrobiol. i limnologiya, 21 no. 3:15-17 '68.
 Study of the microflora of pickled brine during fermentation. V. I. Kravchenko and others, Trudy VNIIMP no. 15:93-116 '67.
 Classification of caps covering the spores of anaerobic bacteria. N. A. Kravchenko, V. I. Huda, Dokl. AN SSSR 179 no. 3:370-373 '68.
 Vesiculosephalobacterium gelatinosum. [Materials for the Scientific Conference of the All-Union Society of Helminthologists, December, 1966] Materialy i doklady konferentsii Vsesoyuznogo obshchestva gel'mintologov, Dekabr' 1966 g. Moskva, Ch. 3. 1967, 372 p.
 576. 8(41)---United Kingdom and Northern Ireland
 Chemical and bacteriological reasons for the North Atlantic Treaty Organization. A. Inev, Mezhdunar. zhen' 15 no. 9:127-128 '68.

576. 8(471.334)---Voronezh Province
 Materials on the relationship between water role and surrounding organisms in the tularemia focus of the Usman pine forest. V. P. Negroblov, H. A. Smirnov, Trudy Vor. gos. zap. no. 15:151-175 '67.

576. 8(471.341)---Corky Province
 Sensitivity of Staphylococci isolated in the city of Corky in antibiotics. T. S. Zakharenko and others, Antibiotiki 13 no. 9:840-841 '68.

576. 8(471)---Ukrainian S.S.R.
 Ukrainian sclerite contribution to the parasitology of the Poltava region. D. P. Chirchak, Dep. All URSR, Ser. B. 30 no. 7:671-672 '68.

576. 8(478)---Moldavian S.S.R.
 Ecological and faunistic characteristics of parasites in mammals of Moldavia. O. F. Andriush, Paraz. zhiv. i rast. no. 4:99-101 '68.
 Ecological and faunistic characteristics of parasites in mammals of Moldavia. I. M. Plininsk, Paraz. zhiv. i rast. no. 4:101-102 '68.
 Notes of the suborder Sarcophagidae from the fauna of Moldavia. R. P. Shumilo, A. A. Lolantch, Paraz. zhiv. i rast. no. 4:103-104 '68.
 Role of coarse fish in propagating parasite diseases and their biological control in small reservoirs of Moldavia. F. M. Tonnally, M. M. Martel, Paraz. zhiv. i rast. no. 4:177-183 '68.

577. Biochemistry
 Activity of dehydrogenases of succinic and lactic acids under the conditions of chronic hypoxia. L. L. Shukovich and others, Probl. kosm. biol. 8:222-229 '68.
 Activity dynamics and physiological role of acetylcholinesterase, allylatic and aromatic esterases in ontogeny of blood-sucking mosquitoes of the genus Anopheles (Diptera: Culicidae). V. S. Odintsov, V. S. Pelenko, Dokl. AN SSSR 179 no. 4:1001-1004 '68.
 Adenylate phosphatase of the skeletal muscle sarcoplasm. D. I. Fomin, N. G. Glimel'treich, Dokl. AN SSSR 179 no. 4:1070-1071 '68.
 Anatomical substitution of lesions of the trophic function of organs in tumors and trauma of the spinal cord. L. A. Savchenko, Trudy TSU 92:263-273 '66.

Annual General Meeting of the Department of Biochemistry, Biophysics, and Chemistry of Physiologically Active Compounds of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR, Ser. khim. no. 8:1923-1930 Apr '68.

Basal metabolism during cruises in moderate and low latitudes. G. N. Novozhilov, Voen.-med. zhur. no. 4:72-75 Apr '68.

[Biochemistry] Ref. zhur.: Biol. khim. nos. 15-16 Apr '68.

Catalase and cytochrome oxidase activity in plants with different radiosensitivity. M. K. Babanova, A. T. Setsova, Dokl. AN SSSR 178 no. 3:1008-1009 '68.
 Change in cerebral gas metabolism in tumorous lesions. V. A. Kozirev, Trudy TSU 92:130-137 '66.

Changes in the activity of liver NAD-ase following excessive administration of nicotinic acid. P. V. Chagovets, A. G. Khabumadze, S. I. Shchepoch, Dokl. AN SSSR 181 no. 1:245-247 '68.

Changes in the ketonemia and ketonuria levels in cows depending on the feed. S. I. Shtrom, N. I. Chumak, Veterinaria 45 no. 5:58-59 May '68.

Celiac metabolism in the organism of the following gastrectomy and resection of various regions of the stomach. Pathogenesis of gastric hypochlorhydria. M. A. Kozlovskiy, Probl. zoon. i publ. khoz. 13 no. 2:34-39 '68.

Content of N-acetyl-L-aspartic and gamma-aminobutyric amino acids in the brain following X-ray irradiation. I. I. Dvugalevich, A. T. Pikulev, Dokl. AN SSSR 179 no. 6:558-559 '68.

Dehydrogenase localization in tissues of root nodules of leguminous plants. I. A. V. Pevs and others, Dokl. AN SSSR 179 no. 6:1471-1472 Apr '68.

Effect of cholinesterase on fertilized eggs in Echinochloa. G. A. Buzdakov, L. N. Markova, Dokl. AN SSSR 181 no. 2:497-500 '68.

Effect of some metalloids inhibitors suppressing the work of cells in flame cells. E. I. Aronov, Dokl. AN SSSR 179 no. 4:567-569 '68.

Effect of some trace elements (iron, copper, cobalt) on the growth of seedling pigs. A. E. Komarov, Gen. zap. Mosk. gos. un. no. 37:160-167 '64.

Effect of tetramethylthiourea disulfide on the oxidizing metabolism in carrots and their resistance to the phytophthora pathogen. I. M. Khandozhina, T. A. Kuznetsova, Khim. v sel'khoz. 6 no. 2:23-28 '68.

Effect of the ascorbic acid - nicotinic system on the activity of proteolytic enzymes. M. G. Goleva, V. Sedova, N. Novichkov, Mias. Int. SSSR 39 no. 5:36-36 May '68.

Effect of the concentration of inorganic nitrogen in the medium on hydroxytryptophan biosynthesis depending on the cultivation conditions of the producer. N. V. Orlov and others, Khim. i farm. zhur. 2 no. 2:35-40 '68.

Effect of the food protein level on the fetal development of sheep. S. A. Lapelin, Uch. zap. Mosk. gos. un. no. 37:168-178 '61.

Effect of the type of feeding on the fetal development of sheep. V. I. Skupatkin, Uch. zap. Mosk. gos. un. no. 37:175-184 '61.

Effect of ultraviolet rays on ribonuclease in ethylene glycol solutions. G. S. Rumolova, E. V. Belkova, I. A. Pgorov, Dokl. AN SSSR 181 no. 1:241-244 '68.

Enzyme activity of monoaminoxidase in different tissues and organs of experimental animals under the effect of some extreme factors. Report No. 1: Monoaminoxidase activity in different tissues and organs of white rats in usual conditions and following adaptation to chronic hypoxia. I. N. Kopaev and others, Probl. kosm. biol. 8:211-218 '68.

Enzyme activity of monoaminoxidase in different tissues and organs of experimental animals under the effect of some extreme factors. Report No. 2: Monoaminoxidase activity in different tissues and organs of white mice under the effect of overloads. K. F. Kolesov and others, Probl. kosm. biol. 8:218-222 '68.

Hydrolytic activity of Trichothecium roseum Link. Q. V. Andrienko and others, Dokl. AN SSSR 179 no. 2:454-460 '68.

Kinetics and mechanism of action of phosphoglucomutase at pH 7.5. A. G. Pasyanik, V. N. Tveritkov, Zhur. fiz. khim. 40 no. 12:3048-3054 '66.

Liver histone biosynthesis in rats during different periods of ontogeny. T. A. Rapoport, A. V. Pogodova, Dokl. AN SSSR 181 no. 3:750-751 '68.

Little dehydrogenase in soybean cotyledons. Z. S. Bronovskaya, V. L. Kretovich, Dokl. AN SSSR 180 no. 6:1488-1491 '68.

Mass spectrometric determination of amino acid sequence in peptides. Part 9: Synthesis of derivatives of peptides containing phenylalanine and tyrosine radicals. E. I. Vlasov and others, Zhur. ob. khim. 38 no. 3:777-787 Apr '68.

Mass spectrometric determination of amino acid sequence in peptides. Part 10: Synthesis of derivatives of peptides containing methionine and tryptophan radicals. E. I. Vlasov and others, Zhur. ob. khim. 38 no. 4:787-797 Apr '68.

Mass spectrometric determination of amino acid sequence in peptides. Part 11: Regularities of fragmentation of peptides containing aromatic and heterocyclic amino acids. M. M. Shchepoch and others, Zhur. ob. khim. 38 no. 4:790-832 Apr '68.

Mechanism of decomposition of thymine and cytosine hydroperoxides. G. P. Zhilina, K. E. Kravtchikova, Dokl. AN SSSR 180 no. 3:811-814 '68.

Mechanism of mioxamine action in hypoxia. E. I. Kaplan, V. G. Polukhin, V. I. Solov'ev, Probl. kosm. biol. 8:243-253 '68.

Mineral metabolism in pneumoconiosis. I. A. Bobokhod-zhova, Trudy Tadzh. med. inst. 73:59-64 '65.

Molecular biological selection of supermicrobial systems (concentrate drops). A. I. Oparin, K. B. Serbroyevskaya, N. V. Vasil'eva, Dokl. AN SSSR 181 no. 3:744-746 '68.

[Modern methods in biochemistry] Sovremennyye metody v biokhimi. Pod red. V. N. Orskovicha. Moskva, "Meditsina."

[Y. 2.] [Methods of isolation, determination and characteristics of the subcellular structures and chemical components of cells and body fluids] Metody vydeleniya, opredeleniya i kharakteristiki subtselulyarnykh struktur i khimicheskikh komponentov kletok i zhivotnoy organizma. 1968, 372 p.

Molecular characteristics of proteins M. M. M. Zakharenko and others, Soob. AN Gruz. SSR 47 no. 3:601-606 '67.

New method of determining the rate of vertebrate feeding blood-sucking parasites. L. L. Kell, I. U. A. Dvobrovi, L. V. Kozlovskiy, Zool. zhur. 47 no. 10:1083-1088 '68.

New products of ethyl acid transformation by Mycobacterium vaccae (210 culture). I. O. Kozlovskiy, Torgov. G. K. Skriabin, Dokl. AN SSSR 180 no. 2:490-491 '68.

Oscillographic polarography method for studying enzyme kinetics. Hydrolysis of p-nitrophenylacetate catalyzed by chymotrypsin. L. V. Kozlovskiy and others, Dokl. AN SSSR 180 no. 6:1402-1404 '68.

Oxidative phosphorylation and ultrastructure of liver mitochondria in rats with acute B-nicotinamide. I. A. Lupin and others, Dokl. AN SSSR 179 no. 6:161-164 '68.

Vitaphorus metabolism in hens under varying levels of protein in feed. N. I. Strychev, Zh. zhivot. i sel'khoz. nauch. no. 37:166-177 '64.

Possibility to control the mutation process by applying chemical mutagens reacting mainly with monofunctional DNA following local changes in the state of DNA in cells. R. I. Salganik, Dokl. AN SSSR 180 no. 3:726-729 '68.

Pharmacokinetic analysis of the adenine triphosphate pharmacokinetic preparations. G. I. Mochalov, Farmakol. i toksikol. 17 no. 3:70-78 May '68.

Regulation of glucose-6-phosphate dehydrogenase activity by fructose-1,6-diphosphate and adenosine triphosphate in an embryo. L. S. Mil'man, I. G. Hovavitch, Dokl. AN SSSR 179 no. 2:472-475 '68.

Seasonal changes in the chemical composition of liver of oysters. S. A. Gornostayeva, Gidrobiol. i limnologiya, 22 no. 4:72-76 '68.

Some aspects of glutamic acid metabolism in different formations of the motor analyzer. L. M. Lashin, E. L. Dovidova, Zhur. nerv. i psih. 69 no. 6:915-970 '68.

Some problems of magnesium metabolism in plants. L. G. Kukes, Sov. med. 31 no. 4:116-125 Apr '67.

State of acid-base balance in surgery and in the locomotor apparatus. N. N. Mochalov and others, Sov. med. 31 no. 4:124-127 Apr '67.

State of hemato-encephalic barrier in experimental allergic encephalomyelitis dynamics. A. I. Lashin, T. I. Sizenkov, Dokl. AN SSSR 179 no. 6:509-510 '68.

Stepanenko, B. N. [Carbohydrates, Advances in studying the structure and metabolism] Uglyovy, Khim. i fiz. izmeneniya v strukture i metabolisme, Moskva, 1968, 300 p. (Rus. transl. Biokhimiya, Seriya "Mol. i kletka.")

Study of ribonuclease activity in phospholipid-protein complexes. A. I. Oparin and others, Dokl. AN SSSR 179 no. 4:1076-1078 '68.

Study of some products in the production of vitamin A by means of gas-liquid chromatography method. H. L. S. Jara, I. N. Tsvetkovskaya, M. S. Vasilovskiy, Khim. i farm. zhur. 2 no. 3:23-27 Mar '68.

Sulfhydryl groups of α -amylases of different origin. V. I. Mikhailova and others, Dokl. AN SSSR 179 no. 3:457-459 May '68.

Synthesis in the natural amino acid hydrolysis products. Part 4: Hydrolysis of some amino acids in the presence of hydrolytic products of natural N-acetylglutamate. H. L. S. Jara, I. N. Tsvetkovskaya, M. S. Vasilovskiy, Khim. i farm. zhur. 2 no. 4:727-732 Apr '68.

Synthetic studies in the field of polyene compounds. Part 28: Total synthesis of compound Q₂, Q₃, Q₄, and homolignin Q₅. E. A. Golevskaya, O. I. Volkov, G. I. Sanokhvalov, Zhur. ob. khim. 38 no. 3:439-443 Mar '68.

Transcatalytic decay of protein substances catalyzed by Verticillium daktaria Kluyver enzymes. K. V. Vasil'eva, L. V. Molitkikh, Dokl. AN SSSR 179 no. 2:461-464 '68.

Transformation of ICH and 2C₁₄ of acetic acidly yeast in the process of respiration. T. S. Lomskaya, I. D. Bocharova, Soob. AN Gruz. SSR 47 no. 3:351-353 '67.

Use of progesterone in the treatment of disorders of water-salt metabolism in cardiac insufficiency. A. E. Morozov, T. M. Kononova, Sov. med. 31 no. 4:131-133 Apr '68.

Utilization by pregnant cows of foodstuff residues with various levels of protein. S. A. Lashin, Uch. zap. Mosk. gos. un. no. 37:127-134 '64.

Vitamins effect on sublethal level and exhalation plus-phorylation in rat liver mitochondria. N. P. Khimaa, V. V. Zimulevskaya, M. M. Korobenkova, Dokl. AN SSSR 179 no. 6:800-802 '68.

Variation in imprecipitated activity of nonspecific esterase determined by p-nitrophenylacetate in the liver of rats affected by larchenia. A. A. Pokrovskiy, A. I. Arkharov, N. P. Burmanova, Dokl. AN SSSR 180 no. 3:738-741 '68.

Zelenin, A. V. [Luminescent cytochemistry of nucleic acids] Luminescentnaya tsitokhimiya nukleotidov i kislot. Moskva, "Nauka," 1967, 136 p.

577. (571.64)---Buryat A.S.S.R.
 Effect of iodine on plants of oats in Buryat in the disinfection of seed by potassium iodine. M. V. El'mov, Kmi. soob. BKNII no. 2:46-52 '68.

577. (575.4)---Turkmen S.S.R.
 Development of biochemical sciences in Turkmenia. P. Kylyov, O. N. Mamontov, A. F. Samoilov, Izv. AN Turk. SSR, Ser. biol. nauk no. 5:25-30 '67.

577.3 Biophysics. Biomechanics. Biogenetics
 Characteristics of chlorophyll binding in an artificial pigment-protein complex. D. Taitbekov, S. K. Abdullayeva, I. U. E. Giller, Dokl. AN Tadzh. SSR no. 2:62-65 '68.

Comparative effectiveness of gamma and ultraviolet irradiations in obtaining haploid seeds from Lycopersicon esculentum. V. D. Turkov, A. P. Dubrov, Dokl. AN SSSR 181 no. 2:468-487 '68.

- 581.2 Plant diseases, injuries, malformations, pests
Callus stage of gall formation on corn leaves induced by
Ustilago maydis (DC) Cda. E. I. Stepan, Dokl. AN
SSSR, 179 no. 8:1473-1475 Ap '68.
- Effect of *Ustilago zeae* (Beckm.) infection of corn on
properties of chlorophyll-protein complex. B. A. Rublin,
E. N. Lashchinskaya. Dokl. AN SSSR 179 no. 2:483-
485 '68.
- Productive-necrotic erythrodermia, an initial symptom
of *Ustilago maydis* (DC) Cda infection on Zea mays
L. leaves. F. I. Stepan, I. V. Kuratynin. Dokl. AN
SSSR 178 no. 3:122-125 '68.
- Ways and methods of studying phytonematode fauna.
A. A. Paramonov, I. A. Baranovskaya, P. S. Krylov.
Zool. zhur. 47 no. 4:501-508 Ap '68.
- 581.3 (575. 4)—Turkmen S. S. R.
Problems of Fusarium wilt in Turkmenia and its control
methods. Z. E. Bekker. Izv. AN Turk. SSR, Ser. Biol.
nauk no. 5:44-51 '67.
- 581.4 Morphology
Anatomical structure of bean roots as related to potassium
supply. N. S. Kiseleva. Bot. i sel. Bel. old. VBO no. 10
198:172 '68.
- Fruit evolution in Rosaceae. N. N. Kaden. Biol. MOIP.
Ord. biol. 73 no. 2:127-135 Mr-Apr '68.
- 581.5 Ecology
Classification of life forms of creeping woody plants.
V. H. Koltschuk. Ukr. bot. zhur. 25 no. 3:59-68
My-Je '68.
- Plant immunity to leishmaniasis. S. G. Muzge. Paraz.
zhiv. i rast. no. 4:212-214 '68.
- Possibility for the increase in potato resistance to
Ditylenchus infection. I. V. Bumbul. Pamyat. 1968
1:188-191.
- Regulation of the Methodological Conference on Studying
Plant Communities. Bot. i sel. Bel. old. VBO no. 10
212-213 '68.
- Statistical methods in geobotanical research of steppe
and forest. I. V. N. N. N. N. Dokl. AN SSSR 181
no. 10:61-78 '68.
- Use of dispersion analysis in studying birch in ponds.
T. D. Stepanova. Gidrobiol. zhur. 3 no. 3:63-67 '68.
- 581.5 (476)—White Russian S. S. R.
Forms of *Betula terrae-novae* Ehrh. and *Betula pubescens*
Ehrh. in the Barents Sea Province. R. D. Chubakov.
Bot. i sel. Bel. old. VBO no. 10:197-198 '68.
- 581.5 (571)—Asianic R. S. F. S. R.
Nomenclature of bottom vegetation in Lake Balkal. C. L.
Popovskaya, A. P. Skelichevskiy. Dokl. AN SSSR 181
no. 3:123-126 Ji '68.
- 581.5 (571. 51)—Krasnoyarsk Territory
Seasonal rhythm of the dark-green conifer larch in the
lower Angara Valley. A. A. Kravukha and others. Dokl.
Inst. geog. Sib. 1 Dal'. Vost. no. 14:18-33 '67.
- 581.6 Economic or applied biology
Study of some milkweed species. R. K. Chukova.
I. M. Pecher, V. O. Solov'eva. Farmatsev. zhur.
22 no. 3:64-67 '67.
- 581.6 (575. 4)—Turkmen S. S. R.
Development of research in the field of geobotany and
plant resources in Turkmenistan. B. R. Kerkashev,
K. T. Nechaeva. Izv. AN Turk. SSR, Ser. Biol. nauk no. 5
31-36 '67.
- 581.8 Plant histology
Anatomical structure of *Scrophularia grossheimii*. S. H.
Akhmedov. Farmatsev. zhur. 22 no. 3:66-73 '67.
- 581.9 Phytogeography
Concepts of phytocenosis and association as initial units
in geobotanical research. A. A. Nilsenkov. Bot. i sel.
Bel. old. VBO no. 10:25-30 '68.
- Partial structure of forest biogeocenoses and its evolu-
tional significance. N. V. Dylis. Bot. i sel. Bel. old.
VBO no. 10:40-51 '68.
- Prominent geobotanical. I. D. Urkevich, I. A. Kruganova.
Bot. i sel. Bel. old. VBO no. 10:205-208 '68.
- Some urgent problems in modern geobotany. V. V.
Mazung. Kh. Kh. Trass. Bot. i sel. Bel. old. VBO
no. 10:54-60 '68.
- 581.9 (476)—White Russian S. S. R.
Coordination of geobotanical research. Bot. i sel. Bel.
old. VBO no. 10:209-212 '68.
- Summary of botanical research in White Russia during
Soviet period and its future tasks. I. D. Urkevich,
V. S. Gelfman. Bot. i sel. Bel. old. VBO no. 10:3-14 '68.
- 581.9 (479. 22)—Georgian S. S. R.
Some rare and new plants in Georgia. T. S. Mentesh-
shvili, I. A. Lachashvili. Soob. AN Gruz. SSR 47
no. 3:885-888 '67.
- 581.9 (571. 12)—Tyumen' Province
Experience in the mapping of biotopes variations.
M. Lashina. Dokl. Inst. geog. Sib. 1 Dal'. Vost. no. 14:
85-88 '67.
- 581.9 (571. 51)—Krasnoyarsk Territory
Experience in stationary studying the structure of land-
forms; based on the example of the lower Angara Valley.
A. A. Kravukha. Dokl. Inst. geog. Sib. 1 Dal'. Vost.
no. 16:32-41 '67.
- 581.9 (571. 68)—Kamchatka Province
Spruce forests in Kamchatka. V. A. Shamshin. Vop.
geog. Kamch. no. 5:103-163 '67.
- 582.2 Spore plants
Anatomies of the development of gametangia in bivalent
Puffia truncata (Hedw.) Furcr. K. O. Ulychyna. Ukr.
bot. zhur. 25 no. 3:97-99 My-Je '68.
- Acidification of 1-C14-alanine and 5-C14-glycine
acid by some blue-green algae. M. I. Kuz'menko.
Gidrobiol. zhur. 4 no. 3:41-49 '68.
- Biological and geographical distribution of *Aegagropis*
auteri (Nees) Kuntz. A. L. Ergashov, T. T. Tambaev.
Gidrobiol. zhur. 4 no. 3:68-69 '68.
- Effect of zinc on growth and development of *Ankistrodes-*
mus braconii Bracon. H. M. Palamar-Mordvyntseva,
V. V. Slupina. Ukr. bot. zhur. 25 no. 3:49-54 My-
Je '68.
- Fibrinolytic activity of *Tricholichium ruscum* Link.
G. V. Andreonov and others. Dokl. AN SSSR 179 no. 2:
454-456 '68.
- Increase in the spontaneous mutability of ultraviolet-
sensitive yeast mutants. I. A. Zakharov, T. N. Kozhina,
I. V. Fedorova. Dokl. AN SSSR 181 no. 3:470-472
Ji '68.
- Kudryashova, Z. N. [Mycology with the principles of
phytopathology] Mikologiya s osnovami fitopatologii.
Pod red. N. A. Dorozhkina. Minsk, "Vysshesh. shkola,"
1968. 262 p.
- Mathematical model of biosynthesis in light-limited
culture of microalgae. V. N. Belanin, B. G. Kovrov.
Dokl. AN SSSR, 179 no. 6:1463-1468 Ap '68.
- Some problems of Chlorocella cultivation on yeast factory
wastes. N. V. Kostin, V. I. Lashenko. Ukr. bot.
zhur. 25 no. 3:12-28 My-Je '68.
- [Water "flowing"] "Tselcile" vody. Kiev, "Naukova
dumka," 1968. 387 p.
- 582.2 (479. 22)—Georgian S. S. R.
Materials on the algae in waters of the Iyzyk River
basin. V. C. Arsenishvili. Soob. AN Gruz. SSR 47
no. 3:681-684 '67.
- 582.2 (575. 31)—Tajik S. S. R.
Study of chromosome numbers in leafy mosses of
Tajikistan. A. S. Lazarenko and others. Biol. MOIP.
Ord. biol. 73 no. 2:141-152 Mr-Apr '68.
- 582.4 Seed plants
Classification of life forms of creeping woody plants.
V. H. Koltschuk. Ukr. bot. zhur. 25 no. 3:59-68
My-Je '68.
- Fruit evolution in Rosaceae. N. N. Kaden. Biol. MOIP.
Ord. biol. 73 no. 2:127-135 Mr-Apr '68.
- Karyotype of *Amegalia Poluninovi* Litv. R. A. Akhush-
kurava. Dokl. AN Tadzh. SSR 11 no. 2:58-61 '68.
- Species of the genus *Lilaeopsis* Hill of the European part
of the U. S. S. R., Ural and Western Siberia. V. N.
Tikhomirov. Biol. MOIP. Ord. biol. 73 no. 2:130-140
Mr-Apr '68.
- 582.4 (476)—White Russian S. S. R.
Some physiological characteristics of exotic conifers.
R. V. Sukhotin, A. A. Chukhovskiy. Bot. i sel. Bel. old.
VBO no. 10:109-112 '68.
- 582.4 (477)—Ukrainian S. S. R.
Effect of hydrological conditions of Kremenchug
Reservoir on the morphology of *Zizania latifolia* Turcz.
O. N. Molikova, L. A. Baranova. Ukr. bot. zhur. 25
no. 3:79-86 My-Je '68.
- New occurrence of *Viola lavrenkoana* Klok. in the
Ukraine. S. S. Stanilo, T. H. Holub. Ukr. bot. zhur.
25 no. 3:95-97 My-Je '68.
- Second increment in Pleistocene (L.) Karst. of the
Veseli Bokoventsi Dendrological Selection Station.
P. P. Badkov. Ukr. bot. zhur. 25 no. 3:97-94 My-
Je '68.
- 582.4 (477. 8)—Western Ukraine
Some rare natural groups of broad-leaved tree varieties
in the Ukrainian Carpathians. M. P. Shobadlan. Ukr.
bot. zhur. 25 no. 3:73-78 My-Je '68.
- 582.4 (571. 60)—Kamchatka Province
History of the spruce and fir in Kamchatka during the
Quaternary period. O. A. Bratskaya, I. S. Evsteeva.
Vop. geog. Kamch. no. 5:144-148 '67.
- Kamchatka fir (a botanical enigma of this peninsula).
V. O. Turkov. Vop. geog. Kamch. no. 5:146-148 '67.
- 59 ZOOLOGY
591 General zoology. Animal biology
Interregional travelling seminar of the International Health
Organization for plague control. V. M. Noronov, F. A.
Ved'mina. Zool. zhur. 47 no. 4:653-655 Ap '68.
- Polytomous key tables. B. A. Vainshlein. Zool. zhur.
47 no. 4:618-625 Ap '68.
- [Zoology, 1968] Zoologiya. 1968. Moskva, 1968. 155 p.
(Ilogi nauki, Seriya "Biologiya").
- 591 (575. 4)—Turkmen S. S. R.
Achievements and future development of zoology in Tur-
kmenistan. A. O. Tashliev. Izv. AN Turk. SSR, Ser. Biol.
nauk no. 5:71-77 '67.
- 591.1 Animal physiology
Adaptational changes in the cerebellum and motor struc-
tures of the spinal cord under various hypoxia conditions.
O. G. Gusev and others. Dokl. AN SSSR 179 no. 4:
1007-1009 '68.
- Effect of chlorophyll on the phagocytic activity of
leucocytes and the glycolytic function of the liver.
J. G. Ayestov, Khim. v sel'. khoz. 6 no. 2:43-51 F '68.
- Effect of copper sulfate on erythrocyte indices in young
pigs at an early period of weaning. G. S. Dudchenko,
Khim. v sel'. khoz. 6 no. 2:48-49 F '68.
- Effect of some metabolites on inhibiting respiration: the
work of cells in lactic cells. N. I. Aronov. Dokl. AN
SSSR 179 no. 4:1007-1009 '68.
- Explanation of the competitive ability of bacteria: role
of culture, food, and worm and worm-like (Lepidoptera,
Gastropoda) in mating with fertile bacteria under
laboratory conditions. S. T. Tashliev, K. V.
Uspenskaya. Zool. zhur. 47 no. 5:697-700 My '68.
- Feasibility of commercial gelatin (Gelatin) in the fish-
ing industry. B. P. Bilyak. Zool. zhur. 47 no. 5:615-
616 Ji '68.
- Functional properties of ascending neurons in the
abdominal part of the central nervous system of
Orchiptera libellulaceae. R. D. Zilantsev. Dokl. AN
SSSR 181 no. 2:401-406 Ji '68.
- Impulsion in the splanchnic nerve with the action on the
vagus nerve. L. V. Ilina. Dokl. AN SSSR 12 no. 5:
460-468 My '68.
- Inclusion of 35S-methionine into proteins of a rabbit liver
fraction of rabbit tissues following thermal treatment.
T. L. Zaitseva. Dokl. AN SSSR 179 no. 4:974-975 F '68.
- Method of liberating secretion by endocrine glands in
frog larvae. A. A. Vainshlein, I. I. Lashina. Dokl. AN
SSSR 181 no. 3:105-106 Ji '68.
- Osmotic regulation of the three-spined stickleback
(*Gasterosteus aculeatus* L.) in waters of different salinity.
V. V. Khitelovich. Zool. zhur. 47 no. 4:501-504 Ap '68.
- [Physiology of birds. Materials of the All-Union Con-
ference on the Physiology of Birds held in Tallinn, 8
September-October of 1965] Fiziologiya ptits. Ma-
terialy Vsesoyuz. sotshechskaya na fiziologii ptits v
Talline, v sent. okt. 1965 g.) Tallin, "Valgus," 1967.
267 p.
- Possibility of measuring the basic metabolism in fish.
H. S. Botokopylin. Gidrobiol. zhur. 4 no. 3:16-23 '68.
- Quantitative characteristics of feeding habits of *Hemirham-*
phus miltus (L.) (Polychaeta, Annelida). V. I.
Sirotyukov. Trudy MIMU no. 17:106-104 '68.
- Regenerating skin amorphology under different
experimental conditions. A. I. Pukhovskaya, M. H.
Iakovleva. Dokl. AN SSSR 181 no. 3:734-737 Ji '68.
- Regular geographical changes in the plumage of birds
and the problem of distribution history of this family.
I. D. Volchanskaya. Biol. MOIP. Ord. biol. 73 no. 2:
6-17 Mr-Apr '68.
- Relationship between the fecundity of *Taeniocera* spp. and
hyaline and entellin females and the physiological
age. B. P. Pavlova. Zool. zhur. 47 no. 1:103-115
Ji '68.
- Replacement of dog skull defects by the regenerative
following heterotransplantation of osseous tissues.
V. I. Kantorova. Dokl. AN SSSR 179 no. 4:113-115 '68.
- Reproduction and development of *Clupea harengus*
pallasi in the southern part of the Barents Sea.
(Chirya Bay). I. A. Galkina. Trudy MIMU no. 17:
120-137 '68.
- Reproduction of *Placenta geomitra* (Hirudinea, Platy-
helidae) in Kuban Limans. P. A. Tereshkov. Zool. zhur.
47 no. 7:1031-1035 Ji '68.
- Restoration of the regenerative capacity of axolotl extremi-
ties, suppressed by X rays, by tissue heterotransplan-
tation method. I. V. Polozhaev, S. A. Turchikova. Dokl.
AN SSSR 180 no. 3:754-757 '68.
- Role of the functional state of intercellular in the regulation
of intercellular liquor volume. N. A. Tomilina. Dokl.
AN SSSR 180 no. 3:761-763 '68.
- Significance of light and darkness in regeneration of the
crystalline lens in *Triturus cristatus*. R. A. Dorosh,
V. V. Popov. Dokl. AN SSSR, 180 no. 6:1500-1503
Jo '68.
- Species specificity of serum proteinograms in elgroms.
V. I. Lashchenko and others. Zool. zhur. 47 no. 3:
401-406 Mr '68.
- Study of the ecology and physiology of *Chilocorus ruber*
Hops (Coleoptera, Coccinellidae). G. A. Panfiliyev.
Zool. zhur. 47 no. 3:376-380 Mr '68.
- Two-phase effect of streptolysin on conjugated respira-
tion. M. N. Konobashova. Dokl. AN SSSR 179 no. 2:
468-471 '68.
- 591.2 Animal diseases, injuries, malformations, etc.
Changes in the ketonemia and ketonuria levels in cows
depending on the feed. S. I. Smirnov, N. I. Churak.
Veterinarin 45 no. 5:58-59 My '68.
- Comparative resistance of the foot-and-mouth disease
virus to formalin and hydroxylamine. E. E. Nikitin
and others. Veterinarin 45 no. 5:21-22 My '68.
- Electron microscope study of the pathogenesis of
experimental foot-and-mouth disease. C. A. Krasovskaya.
Veterinarin 45 no. 5:19-21 My '68.

Ecology, distribution, and practical significance of some cal species (Carnivora, Felidae) in the Kara-Kalpak A. S. S. R. A. M. Mametshamaev, M. Palvaniliev. Zool. zhur. 47 no. 3:423-431 Mr '68.

592 Invertebrata

Botvina, M. P., and others. [Concise guide to aquatic invertebrates of the middle Volga Valley] *Kratkii opredelitel' vodnykh bespozvonochnykh Srednego Povolzh'ia*. [Kazan'] Izd. Kazanskogo un-ta, 1967. Characteristics of the distribution of soil invertebrates in the middle Volga Valley. M. U. Meini. Zool. zhur. 47 no. 7:1022-1034 JI '68. Classification of the suborder Nasutinae. A. V. Lankovskii. Zool. zhur. 47 no. 7:1000-1001 JI '68.

International symposium on soil ecology in Paris and activities of the ecological laboratory in Brucy. M. S. Gillerov. Zool. zhur. 47 no. 5:794-798 My '68. Morphology, phylogeny, and position in the system of Lyncetella Kahl, 1933 (Ciliophora). A. V. Lankovskii. Zool. zhur. 47 no. 3:9-15 '68. Sotetselz soil fauna and its changes following the reclamation of virgin lands in Kuybyshev Province. A. V. Busheva. Zool. zhur. 47 no. 4:548-554 Ap '68.

592(262.5)—Black Sea

Seasonal changes in the chemical composition of Black Sea waters. S. A. Goromusova. Zool. zhur. 47 no. 3:72-76 '68.

592(263)—Pacific Ocean

Deep-sea radiolarians of the order Thaeodaria (Radiolaria) of tropical waters of the Pacific Ocean. V. V. Reshetnikov. Zool. zhur. 47 no. 3:457-460 Mr '68.

592(264)—Arctic Ocean

Biogeography in Chersky Bay of the Barents Sea. M. G. Gostinovskaya. Trudy MIMU no. 17:36-73 '68.

592(478)—Moldavian S. S. R.

Soil invertebrate complexes in the flood plain of the middle course of the Dniester River. D. R. Siriganova. Zool. zhur. 47 no. 3:368-368 Mr '68.

592(478.24)—Azerbaijan S. S. R.

Mollusks of the family Helicidae (Pulmonata, Stylommatophora) of the Talysh Mountains. A. A. Silfeko. Zool. zhur. 47 no. 3:373-374 Mr '68.

592(571)—Astoria R. S. S. R.

Ecology and abundance of Holarctic and Palearctic in the Solovka region of Lake Balkal. M. B. Eggeit. Zool. zhur. 47 no. 3:24-31 '68.

592(571.68)—Kamchatka Province

Biology of the Kamchatka mysids. I. I. Kurenkov. R. R. Makarov. Vopr. geog. Kaitch. no. 5:152-155 '67.

592(59)—Antarctica

Dryozoans of the orders Cyclostomatida and Ctenostomatida of the Antarctic and Subantarctic regions. F. I. Andrusova. Issl. fauny mor. 6:36-84 '68.

595 Articulata. Vermes. Arthropoda

Activity dynamics and physiological role of acetylcholinesterases, aliphatic and aromatic esterase in ontogeny of blood-sucking mosquitoes of the genus Aedes (Diptera: Culicidae). V. S. Odintsov, V. S. Potrenko. Dokl. AN SSSR 179 no. 4:1001-1004 '68.

Aphelenchoides graminis sp. n. (Nematoda, Aphelenchoididae). I. A. Baranovskaya, M. M. Khak. Zool. zhur. 47 no. 4:631-634 Ap '68.

Behavior and feeding habits of Thelopus cinctatus (Fabricius) (Terebellomorpha, Terebellidae) in aquariums. A. P. Kuznetsov. Zool. zhur. 47 no. 3:461-463 Mr '68.

Biology and morphology of little-known biting midges of the genus Forcipomyia Melgou (Diptera, Ceratopogonidae). N. P. Krivosheina. Zool. zhur. 47 no. 4:578-580 Ap '68.

Biology of *Sphaerostetes orbicularis* (Knab.) (Oribatida, Cercozetidae). R. S. Shalibina. Zool. zhur. 47 no. 4:541-547 Ap '68.

Brain structure design in Polychaeta. N. M. Frokhtina. Dokl. AN SSSR 179 no. 4:988-989 '68.

Changes in the stomach wall of pigs caused by *Simulium pulex* (Nematoda: Spilacnidae). E. I. Dmitrova. Paraz. zhiv. i rast. no. 4:63-68 '68.

Characteristics of sex system structure in female Aphelenchoides sp. G. I. Korobkova. Paraz. zhiv. i rast. no. 4:228-231 '68.

Comparative analysis of nematodes of pepper and its milzshere in hotbeds and in open ground. S. P. Nemtchenova. Paraz. zhiv. i rast. no. 4:228-233 '68.

Comparative morphological and ecological analysis of *Dileptodina* of the genus *Anomolus* (Cestoda: Cyclophyllidae). A. A. Fyashkii. Paraz. zhiv. i rast. no. 4:23-32 '68.

Crabs from the families Reptophoridae and Pinnidae collected by Soviet expeditions in the Pacific and Indian Oceans. R. A. Zarenkov. Zool. zhur. 47 no. 5:761-768 My '68.

Description of larva and pupa of *Hymanella rufipes* F. (Coleoptera, Alleculidae). M. I. Dubrovina. Zool. zhur. 47 no. 7:773-778 My '68.

Description of *Pratylenchus clausenensis* sp. n. (Nematoda, Pratylenchidae Thorne, 1949). I. A. Baranovskaya, M. M. Khak. Zool. zhur. 47 no. 5:759-761 My '68.

Determination of the genus *Amoebotonia* (Cestoda: Dileptodidae). N. M. Jurepova, S. D. Pozdakovskii. Paraz. zhiv. i rast. no. 4:78-82 '68.

Development of resistance to arsenic by the *Daphnia* tick. M. A. Tarala. Veterinarika 45 no. 5:46 My '68.

Effect of liquid nitrogen fertilizers on larvae of *Bostrychodermis pullatoris* Geron. (Coleoptera, Cuculionidae). I. G. Grigor'eva, S. A. Perstin, V. I. Tanakli. Zool. zhur. 47 no. 3:369-375 Mr '68.

Effect of population density on sex relationships in *Tetralolus gracilis* Troncs. (Hymenoptera, Scelionidae). G. A. Viktorov. Zool. zhur. 47 no. 7:1035-1036 JI '68.

Effect of temperature on *Perillus bioculatus* Fabr. (Heteroptera, Pentatomidae). E. M. Shagor. Zool. zhur. 47 no. 4:503-570 Ap '68.

Endocrine regulation of the state of wing muscles in the larvae of *Acheta domestica* L. I. V. Chumakova, O. M. Bocharova-Messner. Dokl. AN SSSR 179 no. 2:480-492 '68.

Explanation of the competitive ability of sterile males of *Callosiphia*, leaf-mining worm and cotton-belt worm (Lepidoptera, Noctuidae) in mating with fertile females under laboratory conditions. S. T. Vassutin, N. V. Uspenskaya. Zool. zhur. 47 no. 5:697-700 My '68.

Functional properties of ascending neurons in the abdominal part of the central nervous system of *Orthocentrus* (Diptera, Simuliidae). E. S. Scherbakov. Zool. zhur. 47 no. 3:395-400 Mr '68.

Karyotypic diagnosis of phylogenetic relationships in *Chalcididae* (Diptera, Simuliidae). E. S. Scherbakov. Zool. zhur. 47 no. 3:395-400 Mr '68.

Laboratory chironomid breeding. A. S. Konstantinov. Zool. zhur. 47 no. 4:620-627 Ap '68.

Larva of *Empyris* (Diptera, Empyridae). L. M. Baryshina. Zool. zhur. 47 no. 7:1101-1101 JI '68.

Leafhoppers of the group *Psammotettix striatus* L. (Homoptera, Cicadellidae), the carriers of virus diseases of cereals, their taxonomy and their control. G. V. Rykova, E. N. Rykova. Zool. zhur. 47 no. 4:659-666 Mr '68.

Method of mass rearing of the caterpillars of *Lophyrus* (Lepidoptera, Noctuidae) on an artificial medium. Zool. zhur. 47 no. 3:756-758 My '68.

Methods of making permanent preparations of lesser arthropods. I. A. Rodnikov. Zool. zhur. 47 no. 3:453-454 Mr '68.

Morphological characteristics of *Anomolus* (Cestoda: Dileptodidae). N. M. Jurepova. Paraz. zhiv. i rast. no. 4:78-82 '68.

Moscow Branch of the All-Union Zoological Society in 1967. E. M. Chernova. Zool. zhur. 47 no. 3:798-798 My '68.

New genus and species of *Dolichopodidae* (Diptera). O. P. Negrobobov. Zool. zhur. 47 no. 3:470-473 Mr '68.

New information on parasitic relationships of *Ceropidae* (Diptera). L. V. Zimin. Zool. zhur. 47 no. 3:780-781 Mr '68.

New ticks species from the family *Tarsonemidae* (Acari: Ixodidae), a wheat pest. V. A. Vainsholm, O. A. Beglarov. Zool. zhur. 47 no. 7:1008-1100 JI '68.

New species of *Dileptodidae* (Cestoda: Cyclophyllidae) from sandflies. I. N. Korobkova, V. N. Zvezdina. Paraz. zhiv. i rast. no. 4:74-77 '68.

New species of the genus *Isomurus* (Nematoda, Mermithidae), a parasite of blackflies and its variability. I. A. Rubtsov. Zool. zhur. 47 no. 4:510-524 Ap '68.

New species of the genus *Theridion* (Arachnida, Theridionidae). O. I. Iskhovskaya, V. N. Tomilova. Zool. zhur. 47 no. 5:77-773 My '68.

New trematode *Microphallus orientalis* sp. n. (Trematoda, Microphallidae), a parasite of the Pacific walrus and bearded seal. M. V. Urakova. Zool. zhur. 47 no. 4:630-631 Ap '68.

Position in the system of nematode *Diactylus wittei* Chalmers of L. Van den. E. N. Karmakova, V. E. Sotnikova. Paraz. zhiv. i rast. no. 4:83-87 '68.

Psychodidae *Stegomyia* sp. nov., a new species from *Mogera* (Amphibia). I. L. Mamonov, N. V. Ochotina. Paraz. zhiv. i rast. no. 4:110-117 '68.

Quantitative characteristics of feeding habits of *Harmonia imbricata* (L.) (Polyphaga, Curculionidae). V. E. Streletsov. Trudy MIMU no. 17:95-104 '68.

Relationship between the fecundity of *Talassia bovinus* and *Hybomitra solstitialis* (Lemoult) and the physiological age. H. P. Pavlova. Zool. zhur. 47 no. 7:1103-1105 JI '68.

Relationship between the size of *Onthophaga* (Cetacea, Cetaceae). Corporal female and the number of eggs in ovipositors. A. V. Kovalov. Zool. zhur. 47 no. 3:76-80 '68.

Representative of the genus *Spilactis* in a deep-sea fish. A. A. Sobolev, O. I. Belogorov. Paraz. zhiv. i rast. no. 4:59-62 '68.

Revisions of the genera *Oryctostoma* and *Johannstonia* (Hirudinea, Phlebotomidae). V. M. Epstein. Zool. zhur. 47 no. 7:1011-1021 JI '68.

Role of temperature factor in the development of *Diastrophus* (Lepidoptera, Noctuidae). O. I. Morzhnevskaya. Zool. zhur. 47 no. 4:571-577 Ap '68.

Shortening larval development in decapods (Crustacea, Decapoda). R. R. Makarov. Zool. zhur. 47 no. 3:348-350 Mr '68.

Sont nematode species of the air bladder in salmon of the genera *Oncorhynchus* and *Salvelinus* of the Far East. V. A. Rotman. Paraz. zhiv. i rast. no. 3:143-145 '68.

Study of the ecology and physiology of *Chilocorus rubidus* (Coleoptera, Coccinellidae). O. A. Pankulidze. Zool. zhur. 47 no. 3:378-388 Mr '68.

Study of the microstructure of the cutaneous scar in *Angusticaecum holopurum*. I. F. Salda. Zool. zhur. 47 no. 3:700-714 '67.

Three new nematode species from the genus *Apeltes* (Nematoda: Apeltes). A. S. Fedyukina. Paraz. zhiv. i rast. no. 4:214-228 '68.

Three new nematode species from the genus *Stelios* (Nematoda: Stelios). D. I. Lashkov. Paraz. zhiv. i rast. no. 4:151-155 '68.

Two new species of predatory dipterous larvae of the genus *Medetera* Fischer (Diptera, Dolichopodidae). O. P. Negrobobov. Dokl. AN SSSR 179 no. 4:28-29 '67.

Use of taxonomic analysis in the systematics of Diptera. V. G. Kovalov. Zool. zhur. 47 no. 5:722-731 My '68.

Utilization of light traps for collecting material on insects. D. T. Zhogolev, K. U. Ruzhica. Zool. zhur. 47 no. 4:628-629 Ap '68.

Ways and methods of studying phytonematode fauna. A. A. Paramonov, I. A. Baranovskaya, P. S. Krayev. Zool. zhur. 47 no. 4:504-509 Ap '68.

595(262.5)—Black Sea

Aggregated changes in the morphology of *Brachionus* (Amphipoda, Gammaridae) of the Black Sea. I. I. Groza. Zool. zhur. 47 no. 7:1005-1006 JI '68.

Ecology of *Platycloa geometra* L. in Kuban Limans. P. A. Terokhov. Zool. zhur. 47 no. 2:413-466 Mr '68.

Individual fecundity and developmental duration of some mass eugenic *Copepoda* of the Black Sea. L. I. Lashkov. Zool. zhur. 47 no. 3:69-72 '68.

Reproduction of *Platycloa geometra* (Hirudinea, Platyphidae) in Kuban Limans. P. A. Terokhov. Zool. zhur. 47 no. 7:1091-1095 JI '68.

595(265)—Pacific Ocean

First abyssal representative of *Halacaridae* (Acari) from the Kurile-Kamchatka Depression. I. I. Sokolov, A. I. Lankovskaya. Dokl. AN SSSR 179 no. 2:486-488 '68.

Terminology of the family *Bucephala* (Diptera, Bucephalidae) in the deep-sea fishes of New Zealand and Australia. B. I. Lashkov. Paraz. zhiv. i rast. no. 4:158-167 '68.

595(268)—Arctic Ocean

Characteristics of *Clitellipoda* (Hirudinea) in the Arctic Ocean. I. K. Ruzhica. Trudy MIMU no. 17:36-47 '68.

Polychaeta worms of the family *Tarsonemidae* (Diptera, Simuliidae) of the Barents Sea. V. E. Streletsov. Trudy MIMU no. 17:74-95 '68.

595(282.24)—European rivers

Oligochaeta of the Soviet part of the Danube River and the basins of water in the Danube Valley. N. I. Lashkov. Zool. zhur. 47 no. 7:1002-1010 JI '68.

595(285)—Lakes, ponds, etc.

Relationship between feeding habits, growth, and metabolism of *Macrocyclus albidus* Jur. (Copepoda) and food supply and the actual production of zooplankton in various lakes. E. A. Shalinskaya, R. A. Kikvashina. Zool. zhur. 47 no. 4:525-533 Ap '68.

595(471.13)—Komi A. S. S. R.

Main hatching places for larvae of blood-sucking mosquitoes (Culicidae) in the northern taiga (Pechora-Polar Prospekt). E. I. Sokolova. Zool. zhur. 47 no. 4:610-613 Ap '68.

595(471.311)—Moscow Province

Biology of ants of southern Moscow Province. G. A. Mitrovanova. Trudy Vor. gos. zap. no. 15:107-125 '61.

Fauna and ecology of mollusks in southern Moscow Province. O. N. Sazonova. Biol. MOP. Old. blo. 73 no. 2:83-80 Mr '68.

595(471.324)—Voronezh Province

Biophenology of the larvae of blood-sucking mosquitoes in the alluvial flood plain of the Khoper River in Voronezh Province. R. V. Kolycheva. Trudy Vor. gos. zap. no. 15:131-140 '67.

Discovery of a nematode in the dragonfly larva of the flood plain lake in the Usman pine forest. A. K. Arkhivskii, V. P. Negrobobov. Trudy Vor. gos. zap. no. 15:178-179 '67.

Dolichopodidae (Diptera) of the Usman pine forest. O. P. Negrobobov. Trudy Vor. gos. zap. no. 15:179-182 '67.

Fauna of Ichneumonidae (Hymenoptera, Ichneumonidae) of the Voronezh Preserve. V. I. Tobias. Trudy Vor. gos. zap. no. 15:167-178 '67.

Fish flies (Diptera, Streptopodidae) of Voronezh Province. L. N. Khilsova. Trudy Vor. gos. zap. no. 15:183-185 '67.

Fishes from the family *Channayidae* of the Voronezh Preserve and of the Gatchina Gora Agrobiological Station of Voronezh State University. V. N. Tanasishchik. Trudy Vor. gos. zap. no. 15:46-49 '67.

Natural regulators of injurious forest insect populations and factors determining their effectiveness. B. A. Smirnov. Trudy Vor. gos. zap. no. 15:4-45 '67.

Neoplectana arenaria nov. sp. (Steinernematidae, Nematoda), a causative agent of nematodiasis in cockchafers of Voronezh Province. A. K. Arkhivskii. Trudy Vor. gos. zap. no. 15:94-100 '67.

Notes on the biology of *Formica cinerea* Illinska Russ. of the Voronezh Preserve. G. M. Dusskii, A. A. Zakharov. Trudy Vor. gos. zap. no. 15:101-108 '67.

Observations on spiders of the Voronezh Preserve. V. E. Pichuk. Trudy Vor. gos. zap. no. 15:86-93 '67.

559 (Continued)

Determination of the age of Sika deer based on the lamination of incisor cement. V. E. Prislavchuk. Biol. MOP. Old. biol. 73 no. 2:51-82 Mr '68.

Factors determining the abundance of European roe deer (*Capreolus capreolus* L.). D. V. Vlashevskii. Zool. zhur. 47 no. 3:438-443 Mr '68.

Inervation of the heart of dolphins. A. A. Kolosova, E. N. Krashchenko. Zool. zhur. 47 no. 4:644-648 Ap '68.

Karyotypes of some shrew species of the genus *Sorex* (Insectivora, Soricidae). V. N. Orlov, V. P. Alekin. Zool. zhur. 47 no. 7:1071-1074 Jl '68.

Landscape variability of water vole (*Arvicola terrestris* L.) as a new form of animal variability in space. P. A. Pantelev, A. H. Tetelkina. Zool. zhur. 47 no. 4:610-617 Ap '68.

Water in the embryology of *Chamaea*. An embryo of *Chamaea* (Liliaceae) after section L 1.8 mm long. D. M. Golub, A. S. Lortsh, I. I. Novikov. Zool. zhur. 47 no. 7:749-747 My '68.

Methods of censusing forest dormice *Dryomys nitidula* Pall.). T. M. Wanova. Zool. zhur. 47 no. 3:455-456 Mr '68.

Pozhidnev, E. A. [Oogenesis of mammals. (Its significance for embryonic development under normal and pathological conditions). Oogenesis meiotikalushchikh. (ego znachenie dlia razvitiia razvitiia v norme i patologii). Leningrad, "Meditsina," 1967, 171 p.

Proteins of the yolk of *Talpa europaea* in captivity. I. V. Alekseyeva. Zool. zhur. 47 no. 5:783-786 My '68.

Significance of *Talpa europaea* in tick-borne encephalitis. I. V. Alekseyeva and others. Zool. zhur. 47 no. 7:1129-1130 Jl '68.

Twins in *Pusa sibirica* Gmel. V. D. Pastukhov. Zool. zhur. 47 no. 3:479-482 Mr '68.

Use of otoliths for studying *Desmana moschata* L. and *Ondatra zibethica* L. G. M. Babushkin. Zool. zhur. 47 no. 3:418-422 Mr '68.

593(265)—Pacific Ocean

Food relationships of sperm whales in the northern part of the Pacific Ocean. M. N. Tarasovich. Zool. zhur. 47 no. 3:595-601 Ap '68.

599(471.317)—Kostroma Province

Hears of *Neotoma* Province. K. A. Fateev, V. I. Mavret. Zool. zhur. 47 no. 7:1110-1112 Jl '68.

599(471.342)—Kirov Province

Study of immunological processes in animals under natural conditions: observations on tagged animals. M. A. Glikina, A. A. Pelykhina, I. A. Kovalevskaya. Zool. zhur. 47 no. 5:748-755 My '68.

599(471.44)—Saratov Province

Occurrence of *Microtus agrestis* in northern districts of the Saratov region of the Trans-Volga area. N. V. Shchepetil'nikov, G. A. Kondratukhin. Zool. zhur. 47 no. 7:1112-1114 Jl '68.

599(476)—White Russian S. S. R.

Serzhanin, I. N., I. V. Serzhanin, and V. V. Slesarench. [Guide to mammals of White Russia] *Opredelitel' mlekopitalushchikh Belorussii*. Minsk, "Nauka i Iekhnika," 1967, 120 p.

599(571)—Siberian R. S. S. R.

Population structure, reproduction dynamics and problems of efficient exploitation of sable stock in the cis-Baikal and trans-Baikal regions. G. I. Monakhov. Zool. zhur. 47 no. 4:602-609 Ap '68.

599(571.12)—Yamal-Nenets National District

Helminths of the Arctic fox and their influence on the host population in Nenets National District. L. M. Shillaeva. Zool. zhur. 47 no. 3:331-336 Mr '68.

599(571.51)—Taymyr National District

Winter feeding habits of wild reindeer (*Rangifer tarandus* L.) in the Arctic tundras of Taymyr. L. N. Mikhurin, T. V. Vakhina. Zool. zhur. 47 no. 3:477-470 Mr '68.

599(571.55)—Chita Province

Distribution of some mammal species in northeastern Transbaikalia. I. D. Ochirov. Zool. zhur. 47 no. 7:1065-1070 Jl '68.

599(571.56)—Yakut A. S. S. R.

Biology of *Ochotona alpina* of the Olekma-Char Highland (Yakutia). I. V. Revina. Zool. zhur. 47 no. 7:1075-1082 Jl '68.

599(571.6)—Soviet Far East

Some problems of the biology of *Panthera tigris* longipilis in relation to its protection. N. N. Bukovskii. Zool. zhur. 47 no. 5:786-788 My '68.

599(571.66)—Kamchatka Province

Aerovisual census of brown bears in Kamchatka and some observations on their behavior. A. G. Ostrovskiy. Biol. MOP. Old. biol. 73 no. 2:35-50 Mr '68.

Discovery of a fragment of a sea cow's skull. G. A. Neaterov. Vop. geog. Kamch. no. 3:179-180 '67.

A new breeding ground of fur seals on the northwestern cape of Bering Island. P. G. Nikulina. Vop. geog. Kamch. no. 5:148-151 '67.

Size of the herd of sea otters in southern Kamchatka. V. I. Piongin. Vop. geog. Kamch. no. 5:167-168 '67.

Some data on the number of Pinnipedia the phoca largha and ringed seal in the littoral waters of Kamchatka. A. G. Ostrovskiy. Vop. geog. Kamch. no. 5:161-163 '67.

599(574)—Kazakh S. S. R.

Catching of and mating state deliveries of "white gold" in Kazakhstan. A. Akhmetov. Zaim. sel'khoz. prod. no. 2:24-35 F '68.

599(575)—Central Asia

New data on the distribution of Chiroptera in Central Asia (Nuratan). O. P. Bogdanov. Zool. zhur. 47 no. 4:643-644 Ap '68.

599(575.1)—Uzbek S. S. R.

Harmful activity of rodents in the irrigation system of the Golodnaya Steppe (Uzbekistan). T. A. Pivlenko. Zool. zhur. 47 no. 4:616-618 Ap '68.

599(575.122)—Kara-Kalpak A. S. S. R.

Ecology, distribution, and practical significance of some cat species (*Carnivora*, *Felidae*) in the Kara-Kalpak A. S. S. R. A. M. Alambetshumayev, M. P. Alvanov. Zool. zhur. 47 no. 3:423-431 Mr '68.

Statistics on the ecology of *Altagia labrinskii* in the Kara-Kalpak A. S. S. R. (Central Asia). A. S. Salimov. Zool. zhur. 47 no. 5:780-790 My '68.

599(597.71)—North Vietnam

Some data on the biology of *Tragulus javanicus alpinus* Cr. (Artiodactyla, Tragulidae) in the Democratic Republic of Vietnam. Dang Zuy Huynh. Zool. zhur. 47 no. 3:432-437 Mr '68.

6. APPLIED SCIENCES. MEDICINE. TECHNOLOGY

606 Inventions. Patentable discoveries. Trademarks. Academy Innovators in the U. S. S. R. Exhibition of National Economic Achievements. R. G. Golubov. Tyl i snab. Sov. Voor. St. 28 no. 8:87-88 Ag '68.

[Anticorrosive coatings of rolled metal. (List of patents of England, West Germany, United States, France, Japan). Antikorroziyevye pokrytiya prokatnogo metallu. (Perectven'nye patenty Anglii, FRG, SShA, Francii, Japontii). Kiev, 1967, 58 p.

Discoveries and inventions. Prom. acorg. 23 no. 3:41-42 Mr '68.

Effectiveness of the use of patent information during planning and designing. R. G. Kulis, E. P. Venger. Za lek. prog. 8 no. 5:47-48 My '68.

Gukov, V. I. [The quality mark is a symbol of technical progress] *Znak kachestva - simbol tekhnicheskogo progressa*. Moscow, Izd. standartov, 1967, 53 p.

Informational value of patent documents. R. P. Vokharshtal. NTI. Ser. 1. no. 5:8-12 '68.

[Inventions, industrial samples, trademarks] *Izobry., prom. obr. i vzr. znak*. 46 no. 23-25 '68.

Legal Acts. Vop. izobry. no. 2:32-53 Y '66.

New inventions. Mekh. stroit. 25 no. 8:20 Ag '68.

[Nominal index. Accepted claims Nos. 1009 601-1 025 000] *Imennoi ukazatel'. Akceptovannyye zatvki NoNo 1 009 601-1 025 000*. Moscow.

Ch. 1. 1967, 296 p.

Ch. 2. 1967, 296-582 p.

Organizational and legal problems of inventing in scientific and higher educational institutions. E. N. Elimov. Vop. izobry. no. 1:7-10 Ja '68.

Relay race of innovators. Tekh. i voornizh. 26 no. 1:34-37 Ja '68.

Relay race of innovators. Tekh. i voornizh. 26 no. 5:42-45 My '68.

Relay race of innovators. Tekh. i voornizh. 26 no. 12:40-41 D '67.

Soviet inventions in the field of machine construction. Vest. mashinost. 36 no. 2:86 F '69.

They help in the practical application of inventions. S. S. Sirova, I. N. Sirova. Bibliotekar' no. 12:9-10 D '67.

This can be applied in your enterprise. Mashinostroiitel' no. 5:28-29 My '68.

[Little medical encyclopedia] *Malaya meditsinskaya entsiklopediya*. Otv. red. V. Kh. Vasilenko, M. S. S. "Sov. entsiklopediya."

T. 7. [Poisonings - poluyeniya] *Otravleniya - poluyeniya*. 1967, 1,200 columns.

[Medical abstracts] *Med. ref. zhur.* acc. 2 vol. 12 no. 9 '68. Sect. 12 vol. 12 no. 9 '68. Sect. 13 vol. 12 no. 9 '68.

Medical and biological studies of other species in museum exhibits. M. N. Zhuk. Vopr. obozr. no. 3:68-69 Ap '68.

Medical science for astrophysics. II. M. Volynskiy. Voen.-med. zhur. no. 4:63-68 Ag '68.

[New foreign books. Series V: Biology, medicine, agriculture] *Nov. foreig. books. Ser. V: Biol. med. agr. kult.* 12 nos. 5, 8-9 My, Ap-S '68.

On the 70th birthday of Iosif Abramovich Krasovskiy. *Antibiotik* 13 no. 6:60-61 S '68.

[Reports for the 31st Joint Scientific Conference of the Medical and Scientific Research Institutes of the USSR (Don) *Russkii nauchno-issledovatel'skiy institut*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

On the development of the medical and biological sciences in the USSR. *Meditsinskaya i biologicheskaya nauka*. 1967, 133 p.

- [illegible]

- Dynamics of the development of tonic conditioned reflexes following the switching of motor-defensive and alimentary conditioned reflexes. L. P. Rudenko. *Zhur. vys. nerv. delat.* 18 no. 4:583-589 Ji-Ag '68.
- Effect of aminazine on animal tolerance to acute oxygen starvation. V. B. Malkin, E. V. Loginova. *Probl. kosm. biol.* 8:147-151 '68.
- Effect of aminazine on the interaction of conditioned and unconditioned reflexes in young rabbits. D. B. Malakhovskaya. *Zhur. vys. nerv. delat.* 18 no. 4:628-635 Ji-Ag '68.
- Effect of caffeine on the formation and manifestation of conditioned reflexes to time. N. D. Kostichko. *Zhur. vys. nerv. delat.* 18 no. 4:621-627 Ji-Ag '68.
- Effect of the localization of a visual stimulus on the formation of a conditioned environment reflex in each hemisphere. V. L. Blank, *Zhur. vys. nerv. delat.* 18 no. 4:598-607 Ji-Ag '68.
- Effect of physical load on the cortical and cerebellar electric activity in desynchronized cats and rabbits. E. N. Klenov, N. G. Savvin, D. I. Popova. *Fiziol. zhur.* 54 no. 124:52 Ja '68.
- Effect of the aromatization of the cerebral cortex on evoked potentials and double optimum of direct current. V. S. Rostov, P. P. Gantman. *Fiziol. zhur.* 54 no. 133:5 Ja '68.
- Effect of the vertebral nerve on the volume rate of the blood flow in the basin of the vertebral artery. M. D. Gasyul, L. G. Mitter. *Fiziol. zhur.* 54 no. 164:67 Ja '68.
- Effect of X-rays on the functional activity of isolated hippocampus neurons. L. A. Popova, T. P. Shilifer. *Dokl. AN SSSR* 180 no. 3:768-769 '68.
- Electric activity of the optical lobes of the frog brain in the case of an epileptic fit. O. G. Chorkan. *Dokl. AN SSSR* 179 no. 8:1482-1484 Ap '60.
- Electrophysiological analysis of the afferent pathways of the chemoreflex from the pericardium. A. I. Semerov. *Fiziol. zhur.* 54 no. 147:54 Ja '68.
- Evaluation of the formation rate of a conditioned reflex. U. S. Dintirev. *Zhur. vys. nerv. delat.* 18 no. 4:721-723 Ji-Ag '68.
- Maturation of the reinforcement probability and the conditioned alimentary reflex. A. A. Bekheleva. *Zhur. vys. nerv. delat.* 18 no. 4:590-597 Ji-Ag '68.
- Evoked responses in the auditory cortex in cats to sounds of different directions. Report No. 1: Form of evoked potentials. N. N. Alekseev. *Zhur. vys. nerv. delat.* 18 no. 4:642-648 Ji-Ag '68.
- Experimental device for studying the transfer of effector habit and behavior choice in dogs. E. I. Popova, A. A. Marinichev. *Zhur. vys. nerv. delat.* 18 no. 4:738-738 Ji-Ag '68.
- Feeding of temporal characteristics of neuronal activity into an universal digital computer. A. V. Piphov, O. S. Orlov, V. V. Panazhian. *Zhur. vys. nerv. delat.* 18 no. 4:730-744 Ji-Ag '68.
- Functional properties of the neurons of the somatosensory cortex activated by stimulation of the pyramidal tract. V. M. Storozhuk. *Zhur. vys. nerv. delat.* 18 no. 4:681-690 Ji-Ag '68.
- Impulsion in the splanchnic nerve with the action on the vagus curve. L. V. Ilina. *Dokl. AN SSSR* 12 no. 5:466-468 My '68.
- Influence of the optical thalamus on the absorption of glucose and lipids in the gastrointestinal tract in dogs. R. G. Potelberg, P. N. Vongtanzovskii, L. I. Sidorova. *Fiziol. zhur.* 54 no. 108:102 Ja '68.
- Injury of different inhibition forms of monozygotic reflexes in the course of the development of focal tetanus. A. D. Ado, S. N. Kozlovskii, U. S. Sverdlov. *Dokl. AN SSSR* 178 no. 6:1218-1219 '68.
- Immunization of the heart of dolphins. A. A. Kosolova, E. N. Ivshchikov. *Zool. zhur.* 47 no. 4:644-646 Ap '68.
- Interaction of the photopic and scotopic afferent systems following intensive photic stimulation. P. A. Korzun, V. I. Shostak. *Zhur. vys. nerv. delat.* 18 no. 4:788-791 Ji-Ag '68.
- Involutions of the motor, secretory and trophic components of the alimentary reflex. N. I. Yakovlev. *Fiziol. zhur.* 54 no. 166:72 Ja '68.
- Involuntary changes of vegetative functions in muscular loads. V. M. Volkov. *Fiziol. zhur.* 54 no. 140:112 Ja '68.
- Kukuev, L. A. [Structure of the motor analyzer. (Evolution, connections and its role in cerebral pathology)] *Struktura dvigatel'nogo analizatora. (Evolutsiya, svyazi i rol' v patologii mozga). Leningrad, "Meditsina," 1968, 279 p.*
- Marits, A. M. [Dependence of reticulocortical correlations on some hormones] *Zavisimost' retikulo-kortikal'nykh vzaimootnosheniy ot nekotorykh gormonov. Pod red. R. O. Filit'berga. Kishinov, "Kartia moldoveni-ska," 1967, 140 p.*
- Mitralis on ways of the propagation of centrifugal peripheral afferent neurons. R. A. Akimovitch. *Dokl. AN SSSR* 12 no. 7:602-604 Ji '68.
- Measurement of the dormant period of response to oxidation in microelectrode studies of neurons of the central nervous system. A. N. Pokrovskii. *Avtonerlna* no. 1:118-120 Ja-F '68.
- Monozygotic li-reflex in man recorded in the musculus soleus and musculus gastrocnemius under conditions of altivation, "fast" and "slow" motoneurons. I. A. M. Kots, V. I. Krinak. *Fiziol. zhur.* 54 no. 117-123 Ja '68.
- Physiological mechanisms of autogenous training. L. I. Mingkov, A. I. Lakomko. *Zhur. vys. nerv. i pulsk.* 68 no. 7:1032-1036 '68.
- Physiological regulation of rhythmic muscular activity in man. R. L. Rabinovich. *Zhur. vys. nerv. delat.* 18 no. 4:712-717 Ji-Ag '68.
- Pokrovskii, G. I. [Light, the eye, and information] *Svet, glaz, informatsiya. Moskva, "Znanie," 1968, 32 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Fizika. Astronomiya," 5).*
- Postnatal ontogeny of the visual cortex. I. N. Dogolepova, G. V. Brun'ko. *Zhur. vys. nerv. i pulsk.* 68 no. 6:658-664 '68.
- Prolonged changes in the higher nervous activity following insulin coma. Ch. Graul. *Zhur. vys. nerv. delat.* 18 no. 4:636-641 Ji-Ag '68.
- Prolonged recording of impulses of peripheral nerves. L. V. Itun. *Dokl. AN SSSR* 12 no. 7:659-661 Ji '68.
- Public health centers in the struggle against alcoholism. V. Samosov, M. Belizin. *Sots. zakon.* no. 4:27-31 Ap '68.
- Reaction of the blood to hypoxia in adrenalectomized and hypophysectomized rats. N. P. Blagovostova, N. A. Roshchina. *Probl. kosm. biol.* 8:158-166 '68.
- Reactions of a centrally isolated strip of the cerebral cortex in direct electric and chemical stimulation. V. D. Tananenko. *Fiziol. zhur.* 54 no. 110-116 Ja '68.
- Reactions of the neurons of the cerebral cortex in rabbits at an early stage of the development of a defensive conditioned reflex to stimuli of different modalities. G. I. Shulgina. *Zhur. vys. nerv. delat.* 18 no. 4:565-673 Ji-Ag '68.
- Responses to time organized by periodic stimulation of tendon reflex. E. I. Tal'sov, A. V. Naidel'. *Dokl. AN SSSR* 178 no. 5:1220-1223 '66.
- Role of basal ganglia in the higher nervous activity of Macaca rhesus. G. A. Kuznetsov. *Zhur. vys. nerv. delat.* 18 no. 4:610-614 Ji-Ag '68.
- Role of some subcortical formations in the development of adaptation to oxygen insufficiency. N. Z. Epshteyn. *Probl. kosm. biol.* 8:143-146 '68.
- Role of the vagus and abdominal nerves in the development of the secretory orthograde reflex to glucose. L. V. Ilina. *Fiziol. zhur.* 54 no. 173-60 Ja '68.
- Significance of hypophysis in the development of adaptation to hypoxia. N. A. Roshchina. *Probl. kosm. biol.* 8:160-171 '68.
- Significance of some control systems in the development of adaptation to hypoxia. V. B. Malkin. *Probl. kosm. biol.* 8:137-143 '68.
- Some aspects of plasmatic acid metabolism in different formations of the motor analyzer. I. M. Gershteyn, E. L. Dovedova. *Zhur. vys. nerv. i pulsk.* 68 no. 6:805-870 '68.
- Some problems of the analysis and the processing of algorithms (on electronic computers) of elementary electric signals in the nervous system. B. I. Baturov, M. M. Khatun. *Vest. AN SSSR* 23 no. 5:28-31 '68.
- Stabilization of reactions of single neurons of the visual cortex in nonanesthetized rabbits following multiple photic stimulation. E. N. Sokolov, V. D. Polianskii, A. Dagonas. *Zhur. vys. nerv. delat.* 18 no. 4:701-707 Ji-Ag '68.
- Stable electrophysiological correlates of food-procuring conditioned reflexes in dogs. G. T. Sakhlidin, E. D. Luchinskii. *Zhur. vys. nerv. delat.* 18 no. 4:655-664 Ji-Ag '68.
- Statistical processing of neuronal activity by means of multichannel impulse analyzers. V. V. Alifanov, B. I. Kottar, V. V. Shulgovskii. *Zhur. vys. nerv. delat.* 18 no. 4:745-748 Ji-Ag '68.
- Study of habituation in the neurons of the nucleus caudatus in rabbits. O. S. Vinogradova. *Zhur. vys. nerv. delat.* 18 no. 4:677-680 Ji-Ag '68.
- Study of the behavior of amphibians (frogs). N. I. Siskharulidze. *Sopb. AN Gruz. SSR* 47 no. 3:715-718 '67.
- [Transactions of a scientific conference and symposium on the problem "Morphological expression of the reactivity of the nervous system under normal and pathological conditions"] *Trudy nauchnoi konferentsii i simpoziuma po probleme "Morfologicheskoe vyrazhenie reaktivnosti nervnoi sistemy v normal'nykh i patologicheskikh usloviyakh." Bakva, Izd. Akad. nauk Azerbaidzjanskoi SSR, 1967, 216 p.*
- (DNLM)
- Transformation of an evoked potential in the visual cortex in rabbits into a discharge of the wave-spike type. M. S. Myslobodskii. *Zhur. vys. nerv. delat.* 18 no. 4:660-670 Ji-Ag '68.
- Vestibular processes on the level of the cortical endings of the auditory and visual analyzers. S. A. Sarkisov. *Zhur. vys. nerv. i pulsk.* 68 no. 6:810-820 '68.
- 613 Health and hygiene
Kondrat'ov, V. G. [General hygiene] *Obshchaya gigena. Moskva, "Meditsina," 1967, 431 p.*
- (DNLM)
- They are not afraid of heat or cold. V. Varvarin. *Av. kosm.* no. 8:75-76 Ag '68.
- 613.1 Climatic factors
Activity of dehydrogenases of succinic and lactic acids under the conditions of chronic hypoxia. L. I. Shlimkovich and others. *Probl. kosm. biol.* 8:222-229 '68.
- Basal metabolism during cruises in moderate and low latitudes. G. N. Novozhilov. *Voen.-med. zhur.* no. 4:77-75 Ap '68.
- Changes in the osmotic resistance of the erythrocytes in adrenalectomized and hypophysectomized rats having been exposed to high mountain conditions. Z. I. Barbasheva, G. I. Grigor'eva. *Probl. kosm. biol.* 8:181-188 '68.
- Characteristics of the development of an adaptive syndrome to acute hypoxia in alpinists. V. B. Malkin, N. M. Astasheva, A. K. Kochetov. *Probl. kosm. biol.* 8:47-57 '68.
- Duration of the reaction of bone marrow to acclimatization in hypoxia. N. P. Blagovostova and others. *Probl. kosm. biol.* 8:108-204 '68.
- Dynamics of the changes in the osmotic resistance of the erythrocytes in man and animals during the period of natural acclimatization to high mountain environments. Z. I. Barbasheva, G. I. Grigor'eva. *Probl. kosm. biol.* 8:171-181 '68.
- Effect of adaptation to high mountain conditions on human tolerance to acute hypoxia, high temperatures, and vestibular irritation. V. B. Malkin, G. D. Ukhrovskii, S. S. Markarian. *Probl. kosm. biol.* 8:57-65 '68.
- Effect of adaptation to the conditions of a changed gaseous environment on the tolerance to overloads. P. V. Vasilev, N. N. Uglava. *Probl. kosm. biol.* 8:169-122 '68.
- Effect of preliminary acclimatization in the mountains to human tolerance to transverse overloads. A. R. Kolesnikov and others. *Probl. kosm. biol.* 8:11-19 '68.
- Effect of repeated stays in the mountains on the tolerance to acute hypoxia in alpinists. N. M. Astasheva, V. B. Malkin. *Probl. kosm. biol.* 8:65-72 '68.
- Effect of sport training and acclimatization under the conditions of the median ranges of the Caucasus on the indices of the peripheral blood in young track athletes. E. I. Gypenreitor. *Probl. kosm. biol.* 8:23-261 '68.
- Enzyme activity of monoaminooxidase in different tissues and organs of experimental animals under the effect of some extreme factors. Report No. 1: Monoaminooxidase activity in different tissues and organs of white rats in usual conditions and following adaptation to chronic hypoxia. U. N. Kopov and others. *Probl. kosm. biol.* 8:211-218 '68.
- Enzyme activity of monoaminooxidase in different tissues and organs of experimental animals under the effect of some extreme factors. Report No. 2: Monoaminooxidase activity in different tissues and organs of white mice under the effect of overloads. K. F. Kolesnikov and others. *Probl. kosm. biol.* 8:218-222 '68.
- Physiological human reactions under the effect of transverse overloads following adaptation to high mountain conditions. A. R. Kolesnikov, R. A. Varshavskii, S. F. Simpur. *Probl. kosm. biol.* 8:19-39 '68.
- Repeated exposure to "altitude" as a method for the detection of hidden traces of adaptation to hypoxia. E. V. Loginova. *Probl. kosm. biol.* 8:188-199 '68.
- Role of some subcortical formations in the development of adaptation to oxygen insufficiency. N. Z. Epshteyn. *Probl. kosm. biol.* 8:143-146 '68.
- Role of the adrenal glands in the development of adaptation to hypoxia. N. A. Roshchina. *Probl. kosm. biol.* 8:11-157 '68.
- Significance of hypophysis in the development of adaptation to hypoxia. N. A. Roshchina. *Probl. kosm. biol.* 8:160-171 '68.
- Significance of some control systems in the development of adaptation to hypoxia. V. B. Malkin. *Probl. kosm. biol.* 8:137-143 '68.
- 613.2 (575.2)—Kirghiz S. S. R.
Blood regeneration in donors under conditions of the "signatures of Kirghiz." A. U. Uenkaev. *Probl. kosm. biol.* 8:23-25 F '68.
- 613.3 (575.4)—Turkmen S. S. R.
Summary of the research concerning the effect of the climate of Turkmenia on physiological factors of the organism. P. F. Sultanov. *Izv. AN Turk. SSR, Ser. Med. nauk* no. 6:33-70 '67.
- 613.2 Dietetics. Feeding. Foods
Akmalina, molitsinskikh nauk SSSR, Institut pitaniia. [Materials of the 18th Scientific Session of the Institute of Nutrition of the Academy of Medical Sciences of the U. S. S. R., November 20 - December 2, 1966] *Materialy XVI Nauchnoi sessii Instituta pitaniia AN SSSR, 20 nojabria - 2 dekabrja 1966 goda. Otv. red. A. A. Pokrovskii. Moskva, Vyp. 1, 1966, 193 p.*
- (DNLM)
- 613.4 Body care and cleanliness
Kokunenko, I. I. [Treatment and prevention of serious changes in the face and neck] *Lechenie i profilaktika slichoskikh izmenenii lica i sheli. Moskva, "Meditsina," 1967, 200 p.*
- 613.8 Occupational and industrial hygiene
Acclimatization to reduced barometric pressure as a means of increasing the resistance to various extreme factors. *Probl. kosm. biol.* 8:5-10 '68.
- Animal tolerance to acute hypoxia following their training for physical loads under high mountain conditions. E. V. Loginova. *Probl. kosm. biol.* 8:84-93 '68.
- Blood and homopolests in miners of the tungsten mining administration. K. A. Khasanova. *Trudy Tadzh. med. inst.* 73:4-13 '68.

- 613.6 (Continued)
Degree of cleanliness and the bacterial flora of vaginal contents in textile workers. V. D. Dragimova. Trudy Tadzh. med. inst. 73:100-103 '65.
Effect of adaptation to high mountain conditions on human tolerance to acute hypoxia, high temperatures, and vestibular irritation. V. B. Malkin, G. D. Lukhovichskii, S. S. Markarian. Probl. kosm. biol. 8:57-65 '68.
Effect of adaptation to reduced barometric pressure on the tolerance to hypoxia. A. K. Kochelov. Probl. kosm. biol. 9:79-84 '68.
Effect of prolonged stay under conditions of reduced barometric pressure on the tolerance to overloads. N. N. Uglanova. Probl. kosm. biol. 8:97-103 '68.
Effect of repeated stays in the mountains on the tolerance to acute hypoxia in alpinists. N. M. Astamolova, V. B. Malkin. Probl. kosm. biol. 8:63-72 '68.
Functional state of the respiratory apparatus in practically healthy miners and in those with pneumoconiosis. E. P. Berbenikova. Trudy Tadzh. med. inst. 73:34-42 '65.
Leningradskii nauchno-issledovatel'skii institut gigieny truda i profilaktiki. [Transactions of the Scientific Section of the Leningrad Scientific Research Institute of Occupational Hygiene and Diseases, devoted to the 45th anniversary of the Great October Socialist Revolution and the work results of 1957]. Trudy Nauchnotseissl Leningradskogo nauchno-issledovatel'skogo instituta gigieny truda i profilaktiki, posvyashchennoi 40-letnuyu godovshchine Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii po itogam raboty za 1957 god. Leningrad, 1959. 247 p.
Qualitative changes in the erythrocytes in miners. K. A. Khasanova, N. V. Rusina. Trudy Tadzh. med. inst. 73:14-18 '65.
Some palliomorphological data on the state of the vaginal mucous membrane under the effect of cotton dust. V. D. Dragimova. Trudy Tadzh. med. inst. 73:104-107 '65.
- 613.7 Exercise, Recreation, Rest, Sleep
Animal tolerance to acute hypoxia following (their training for physical) loads under high mountain conditions. E. V. Logitova. Probl. kosm. biol. 8:84-93 '68.
Effect of physical load on the cortical and cerebellar electric activity in decompensated cats and rabbits. I. M. Klenov, N. G. Savvin, D. I. Popova. Fiziol. zhur. 14 no. 1:24-32 Jan '66.
Tolerance to training in physical loads and adaptation to hypoxia hypoxia. E. V. Logitova. Probl. kosm. biol. 8:93-96 '68.
- 614 Public health and safety
Fifty years of Soviet public health service. Farmat'sia 17 no. 3:3-5 My-Je '68.
Strengthening the control over the expenditures for social and cultural measures. P. Datshechov, I. Iozenfeld. Fin. SSSR 42 no. 6:11-14 to '68.
- 614(471)—Russian Soviet Federated Socialist Republic (U.S.S.R.)
Trifimov, V. V. [Public health of the Russian Federation during 50 years]. Zdravookhranenie i meditsina Federatsii za 50 let. Moskva, "Meditsina," 1967. 332 p.
614(571.54)—Buryat A.S.S.R.
Experience in the medicogeographical study of territorial units. B. B. Prokhorov. Dokl. Inst. geog. Sib. Dal'. Vost. no. 10:60-67 '67.
614(575.3)—Tajik S.S.R.
Tadzhilov, L. A., and S. Iekhnakov. [Public health in Tajikistan during the years of Soviet power]. Zdravookhranenie i meditsina za gody Sovetskoi vlasti. Dushanbe, "Trifon," 1967. 40 p.
- 614.2 Official and professional organization
History of the creation of a committee at the People's Commissariat of Public Health for the improvement of the living conditions of physicians engaged in research. V. I. Danilushvili, V. E. Loshina. Sov. med. 31 no. 4:146-145 Ap '68.
Teaching and methods seminar of heads of sanatorium clubs, rest homes and tourist bases of the Ministry of Defense of the U.S.S.R. N. A. Kosinskii. Voenn. med. zhur. no. 4:93-94 Ap '68.
- 614.2(477)—Ukrainian S.S.R.
Scientific and practical conference of pharmaceutical workers of Chernigov Province. R. P. tints. Farmatsev. zhur. 23 no. 1:83-86 '68.
- 614.7 Air, soil and water hygiene and sanitation. Pollution. Drainage
[Control of water pollution. Report of the Committee of Experts of the World Health Organization. Translated from the English]. Bor'ba za zagrarnenie vody. Doklad Kom. ekspertov VOZ. [Moskva, "Meditsina"], 1967. 43 p. (Vseimirnaya organizatsiia zdravookhraneniia, Zheneva. Seriya folkh. dokladov, no. 318).
- Disinfection of polar fox cages and dog houses against toxascariasis. F. N. Afizov. Veterinariia 46 no. 6: 84-86 My '68.
High sanitary conditions of dairy farms. F. G. Novikov, B. I. Fikerman, S. D. Shkolter. Veterinariia 46 no. 6: 78-82 My '68.
- 614.7(282.24)—European rivers
The northern rivers. Nov. vrem. 26 no. 35:28 Ag '68.
- 614.8 Accidents: prevention, protection, safety
Deviating effect of tsunami and the principles of the organization of medical aid for the victims. L. A. Pankin. Sov. med. 31 no. 4:137-140 Ap '68.
Human engineering and in industrial safety. B. F. Lomov, A. I. Bagdasaryan, A. P. Pakimov. Vest. yu. shkoly 26 no. 7:24-31 '68.
Injuries caused by bumper hooks in car accidents. A. P. Ignatenko. Sud. med. okasperi. 11 no. 3:50-51 Ji-S '68.
[Instruction on working out plans for preventing accidents caused by gas, explosives, and fires in enterprises operating under the control of the State committee of the Council of Ministers for Supervision of Industrial Safety and for Mining Inspection of the U.S.S.R. (with the exception of mining enterprises)] Instruktia po sostavleniu planov likvidatsii avarii. Rasprostraneniia na svo gazu, vzryvo- i požarnopasnye proizvedstva, podkontrol'nye Gosorgtekhnadzora SSSR (za isklucheniem proizvodov gorodokhvatshchikh promisl.) Uv. Gosorgtekhnadzorom SSSR 28/XI 1967 g. Moskva, "Nedra," 1968. 53 p.
[Instructions on fire extinction on river craft]. Ukazaniia po likvidatsii požarov na rechykh sudakh. Uv. 12/II 1968 g. Ch. 1 i 2. Moskva, "Transport," 1968. 176 p.
Krymov, V. V. [Safety measures and industrial sanitation during work with magnesium alloys]. Tekhnika bezopasnosti i proizvodstvennaia sanitatsiia pri rabote s magnetyvymi spлавami. Izd. 2-c, pererabot. i dop. Moskva, "Mashinostroenie," 1958. 228 p.
Shklyba, V. N. [Combating static electricity in stretching fabrics. (Manual on safety procedures)] Bor'ba so staticheskim elektrichesvom pri shprednogoval'tkanii. (Possible po likvidatsii bezopasnosti). Moskva, "Khimtia," 1967. 81 p.
Use of specialized analog computers for the calculation of dosage fields in radiotherapy and malignant tumors. V. I. Ushakov and others. Vest. AMN SSSR 23 no. 5: 85-91 '68.
Zin'kovskii, M. M. [Concise manual for metalworkers on safety measures and industrial sanitation]. Kratkiy spavochnik metallurga po tekhnike bezopasnosti i proizvodstvennoi sanitatsii. Moskva, "Metallurgiya," 1968. 210 p.
- 615 Pharmacy. Pharmacology. Toxicology
Accelerated ashing method of organic metal-containing pharmaceutical preparations by means of sulfuric acid vapors. D. I. Sedolov, M. D. Rozhilekii. Farmat'sia 17 no. 3:78-82 My-Je '68.
Aqueous solutions: characteristics, storage, preparation. A. M. Fil'in. Farmat'sia 17 no. 3:94-98 My-Je '68.
Comparative methods of obtaining extractions from the Caucasian scopolin rootstock by pressing and percolating. F. I. Novikov, N. D. Stanina. Farmat'sia 17 no. 3:20-33 My-Je '68.
Compiling requests for medical articles and information work at a drugstore warehouse. I. U. P. Saikova. Farmatsev. zhur. 23 no. 3:80-81 '67.
Composition of some authorized prescriptions. A. M. Fil'in. Farmat'sia 17 no. 3:91-93 My-Je '68.
Determination of demands in medicaments and other articles in a province. V. V. Kud. Farmatsev. zhur. 22 no. 3:78-79 '67.
Determination of the dispersion of solid substances in drugs. M. Kh. Ismailov. Farmat'sia 17 no. 3:83-87 My-Je '68.
Development of the rural pharmacy network during the postwar period 1945-1965. V. V. Lavren'ova. Farmat'sia 17 no. 3:16-20 My-Je '68.
Effect of the method of preparation on the quality of gray mercuric ointment. G. S. Bashura, M. Kh. Glazman, E. V. Labunskii. Farmat'sia 17 no. 3:24-29 My-Je '68.
Experience in the work of a central district drugstore. I. N. Krutchenko. Farmatsev. zhur. 23 no. 1:76-77 '68.
Experience in zoning city drugstores. M. F. Ivanytska. Farmatsev. zhur. 23 no. 1:73-76 '68.
Fiftieth anniversary of the nationalization of pharmacies: recollections and documents. I. I. Lovtshchik. Farmat'sia 17 no. 3:5-9 My-Je '68.
First All-Union Congress of Pharmacists. A. D. Kuzevkov. Khim.-farm. zhur. 2 no. 3:59-60 Mr '68.
Grigori Nikolaevich Pershin: on his 60th birthday. Khim.-farm. zhur. 2 no. 3:57-58 Mr '68.
Improvement of the knowledge of chemical analysts. F. E. Kalan, F. A. Mitichenko. Farmatsev. zhur. 23 no. 1:88-92 '68.
Method of calculation of isotonic concentrations. E. Kh. Timbekov. Farmat'sia 17 no. 3:87-88 My-Je '68.
Organizing the stock storage of drugs, patent medicines and other pharmaceutical products. E. I. Panchenko, L. N. Sabina, M. V. Leonovich. Farmat'sia 17 no. 3: 9-16 My-Je '68.
Pharmacognostic study of *Arctium tomentosum* Mill. and *Arctium luteospermum* Juz. et Serg. growing in Uzbekistan. I. A. Khuramov, R. L. Khazanovich, Kh. Kh. Khaimov. Farmat'sia 17 no. 3:45-49 My-Je '68.
Pharmacognostic study of *Stephania glabra* (Maxb.) Miess. L. P. Kuz'mina, I. M. Rabinovich. Farmat'sia 17 no. 3: 39-45 My-Je '68.
- Pharmacy network of the Ukraine in the first year of the five-year plan and its tasks in the 1967 anniversary year. Farmatsev. zhur. 23 no. 3:3-16 '67.
Putting the experience of friends into practical work at drugstores. I. U. P. Saikova. Farmatsev. zhur. 22 no. 3:88-91 '67.
Radiochemical analysis of the adenosine triphosphate pharmaceutical preparations. G. I. Meurov. Farmat'sia 17 no. 3:76-78 My-Je '68.
Role of health in drugstore economy. H. I. Horfinkel. Farmatsev. zhur. 23 no. 1:70-72 '68.
Sanitary-educative work of a drugstore. K. S. Aleksotova. Farmatsev. zhur. 23 no. 1:78-79 '68.
Study of the solubility of hydroxy-, amino- and nitrobenzoic acid isomers in aqueous-ethanol mixtures. V. P. Haskova, A. I. Shkadova. Farmatsev. zhur. 23 no. 1:11-14 '68.
Work of a rural drugstore. H. H. Kal'nichadskii. Farmatsev. zhur. 23 no. 1:79-81 '68.
- 615.1 Pharmacy, pharmaceuticals, materia medica
Effect of the quality of corn extracts on the yield of griseofulvin. N. A. Kuznetsova, E. B. Petrova, E. N. Pishchikova. Antibiotiki 13 no. 9:820-823 S '68.
For better quality drugs. M. O. Kosenko. Farmatsev. zhur. 23 no. 1:77-78 '68.
Pharmacological study of the antibiotic lincosyn. L. T. Gol'dberg, I. K. Sokolov, I. P. Kolesnikova. Antibiotiki 13 no. 9:801-809 S '68.
Results of cooperative clinical studies on the new antileprostatic antibiotic bromocymen. N. N. Blokhin and others. Antibiotiki 13 no. 9:771-780 S '68.
- 615.2 Food, drugs, health and sanitary inspection, supervision and control
A test to determine the meal from animals slaughtered during agony and from dead animals. N. O. Kozhonikhin, N. E. Ivanov, V. I. Ivanova, Veterinariia 46 no. 6: 83 My '68.
- 615.3 Organic materia medica
Absorption spectroscopy in the analysis of pharmaceutical preparations of the estrogen group and their synthetic substitutes. I. I. Kovalenko. Farmat'sia 17 no. 3: 87-90 My-Je '68.
Action of bone marrow transfusion depending on the genetic affinity of the donor to the recipient. K. N. Makanova, K. N. Klyzhuk. Med. rad. 13 no. 7:11-16 Ji '68.
Application of skin antiseptics for the treatment of burns of surgical and the second kind of donors. T. V. Gofanova and others. Probl. gemat. i perel. krovi 13 no. 2:53-54 Ji '68.
Chemical study of essential oils from *Diota orientalis* Endl. and *Cupressus sempervirens* L. growing in Azerbaijan. E. Sakhalov, N. V. Belova. Farmat'sia 17 no. 3:33-38 My-Je '68.
Comparative methods of obtaining extractions from the Chinese scopolin rootstock by pressing and percolating. F. I. Novikov, N. D. Stanina. Farmat'sia 17 no. 3:20-33 My-Je '68.
Corticotherapy of Verkhov's disease in children. A. V. Marzina. Sov. med. 31 no. 4:70-81 Ap '68.
Criteria of viability of transfused erythrocytes. E. N. Mosagina. Probl. gemat. i perel. krovi 13 no. 2:7-12 Ji '68.
Determination of the reduction capacity of the guanine group in thermically inactivated insulin. M. I. Plokhin, P. A. Babina. Khim.-farm. zhur. 2 no. 3:44-46 F '68.
Disinfections on antibiotics. February 1962 + September 1967 to be continued. Antibiotiki 13 no. 9:853-859 S '68.
Effect of corticosteroid hormones on the morphological structure of bladder wound healing in vitro. A. G. Gamzatov. Sob. AN Gruz. SSR 47 no. 3:747-752 '67.
Electron microscopic study of bone marrow cells in the process of freezing. Report I. Effect of glycine and dimethylsulfoxide on electron microscopic cell structure. E. I. Terent'eva, A. F. Kislov, A. G. Fedotchenko. Probl. gemat. i perel. krovi 13 no. 2:12-18 F '68.
Euphorbia stepposa flavonoids. Report No. 1: Isolation and chemical study of flavonoid compounds from the herb. O. M. Semykova, R. K. Chahoveta. Farmatsev. zhur. 23 no. 1:60-64 '68.
Experimental study of cardiac glycosides corollarin I and cymarino. S. N. Kiti. Farmatsev. zhur. 23 no. 1: 85-90 '68.
Gorizontov, P. D., and T. N. Prokashova. [Role of ACTH and corticosteroids in pathology. (The problem of stress)] Ito' AKTG i kortikosteroidov v patologii. (K probleme stressa). Moskva, "Meditsina," 1968. 335 p.
[Hormone therapy of malignant tumors] Gormonoterapiia zlokachestvennykh opukhotei. Pod red. N. I. Lazarova. Moskva, "Meditsina," 1968. 216 p.
Hypophyseal-adrenal hormones in treating tuberculosis. O. V. Golebovich, G. I. Charatetskii. Voenn. med. zhur. no. 4:42-46 Ap '68.
Identification of phenylacetate benzylamide, a by-product in the production of phenylacetamide. V. M. Drevina, G. F. Gavrilin, V. E. Chistilakov. Khim.-farm. zhur. 2 no. 3:16-17 Mr '68.
Increasing the sera antibody titre by freezing and centrifugation. V. A. Potkin-Podolskii. Probl. gemat. i perel. krovi 13 no. 2:40-48 F '68.
Indole derivatives. Report No. 30: O-acyl derivatives of serotonin. L. M. Morozovskaya and others. Khim.-farm. zhur. 2 no. 3:11-16 Mr '68.
Mechanism of therapeutic effect of the serum from a burn convalescent on the renal functions following thermic burns. K. V. Nedoshivina, I. K. Kortakina. Probl. gemat. i perel. krovi 13 no. 2:39-42 F '68.

- Results of using fideipin in chronic lymphoid leukosis. R.A. Mchalev, V.S. Zhuravlev, M.E. Rybakova. *Sov. med.* 31 no. 4:99-102 Ap '68.
- Specificity of Staphylococci isolated in the city of Gorky to antibiotics. T.S. Zakharenko and others. *Antibiotiki* 13 no. 2:830-831 S '68.
- Side effects of monovalent in its use in children. T.N. Shturlyukh. *Sov. med.* 31 no. 1:122-124 Ap '68.
- Side processes in the resection of ethyl ester of p-hydroxybenzoic acid. G.F. Gavrilin and others. *Khim. farm. zhur.* 2 no. 2:35-36 P '68.
- Significance of the permeability of the hematoencephalic barrier for penicillin sodium salt in the treatment of experimental suppurative meningitis. N.M. Mostelink. *Antibiotiki* 13 no. 2:837-841 S '68.
- Some changes in the spleen and mesenteric lymph nodes under the effect of the suppression of the intestinal flora in white rats by means of antibiotics. I.N. Zylow. *Antibiotiki* 13 no. 2:824-827 S '68.
- Spectrophotometric determination of anabasine in histological material. E.A. Gritzenova, L.A. Podkolzina. *Farmazhiya* 17 no. 3:57-62 My-Je '68.
- Spectrophotometric determination of benzene, diiodotyrosine and paracetamol (acetophenol) in preparations and tablets. T.V. Kovalevich. *Farmazhiya* 22 no. 3:24-29 '67.
- Spectrophotometric method of quantitative determination of Buzo. T.P. 1. M. Looz, L.D. Prutenko. *Khim. farm. zhur.* 2 no. 2:52-53 P '68.
- Streptomycin mycotic in pig and chick ration. P.M. Surin, F.N. Volkov. *Ucheb. zap. Mord. gos. un.* no. 37:50-71 '64.
- Studies on the series of cyclobutanedicarboxylic acids. Report No. 6: Dependence of the carboxylic activity on the structure of cyclobutanedicarboxylic acids in the series of alkane derivatives. D.A. Kharkevich, A.P. Arceharuk, A.P. Skoldinov. *Khim. farm. zhur.* 2 no. 3:7-11 Mr '68.
- Study of drug resistance in *Mycobacterium tuberculosis*: a review of Soviet literature. T.M. Ivashchenko, M.N. Menzhenko, S.S. Kanevskaya. *Probl. tub.* 45 no. 3:10-12 '68.
- Study of the chemical properties of rubomycin B. M.G. Buzelkova and others. *Antibiotiki* 13 no. 2:761-765 S '68.
- Study of the effect of interaction on the character of relations from the bank of penicillin. V.D. Bolko, I.V. Mianchenko. *Khim. farm. zhur.* 2 no. 2:60-63 P '68.
- Study of the properties of lactin ester of 1-carboxymethyl-4-vinylpyrrolidone-2 and synthesis of 4-oxo-5-acetyl-1,2,3,4,5,6,7,8-octahydro-2H-pyridine (2,3-c) pyrazine. V.G. Grankin, R.G. Glushkov. *Khim. farm. zhur.* 2 no. 2:16-17 P '68.
- Study of the sorption capacity and equivalence of hydroxyphenyl B in carboxyl anion exchange resins. A.V. Piskovovich, A.P. Bakskov, G.V. Smirnov. *Antibiotiki* 13 no. 2:784-791 S '68.
- Synthesis in the purine series. Report No. 18: Direct transformation of theobromine into 2-chloro-3,7-dimethylxanthine. I.M. Gerasimova, L.A. Nikolaeva, L.S. Golovinskiy. *Khim. farm. zhur.* 2 no. 2:18-24 P '68.
- Synthesis and curative effect of quaternary bis-amino-methylololoxanylethanol and ethylene salts. G.P. Sokolov and others. *Khim. farm. zhur.* 2 no. 3:3-7 Mr '68.
- Synthesis and acetylolytic activity in the series of 4-alkyl-substituted pyrazoles. I.U. M. Hamlin and others. *Khim. farm. zhur.* 2 no. 2:3-7 P '68.
- Synthesis of sulfonamide compounds in carboxylic acids. T.L. Proshchikina and others. *Khim. farm. zhur.* 2 no. 2:24-27 P '68.
- Testing the stimulating effect of the "Dinazol" preparation on the productivity of young cattle and pigs during fattening. N.I. Kurtyayn, G.S. Usmanov, F.G. Spiridonova. *Trudy VNIIM* no. 19:172-187 '67.
- Therapeutic problems in pneumoconiosis. I.A. Dobokhodova, V.A. Gal'tsev, R.V. Kolonadze. *Trudy Tadzh. med. inst.* 73:70-76 '65.
- Toxic and lethal properties of oxazolindione. A.D. Titchenko. *Veterinariya* 45 no. 5:53-54 My '68.
- Use of ionites in the production of chromatographic preparations. Report No. 3: Study of the possibility of using the AB-17 ionite for the extraction of nuralinole from waste waters. G.N. Al'tshuler and others. *Khim. farm. zhur.* 2 no. 3:42-46 Mr '68.
- Use of N-bromosuccinimide in the analysis of coated apparatus tablets. N.S. Gortacheva, L.N. Prikhodkina. *Farmazhiya* 17 no. 3:60-73 My-Je '68.
- Use of preparations with anticholinesterase action for coupling disorders of the higher nervous activity caused by some psychomimetics. G.I. Mikhlin. *Zhur. nev. i psikh.* 68 no. 6:913-916 '68.
- Use of progesterone in the treatment of disorders of water-salt metabolism in cardiac insufficiency. A.K. Morzon, T.M. Konovalova. *Sov. med.* 31 no. 4:68-72 Ap '68.
- Use of thiosulfate preparations for reducing the radioresistance to toxic gases in treatment with I¹³¹. I.U. E. Ilyevgan, N.G. Sushina. *Med. rad.* 13 no. 7:9-11 Ji '68.

615.6(471.63).--Slavopoli Territory

- Functional state of the adrenal cortex in the early period of cerebral atherosclerosis and its change under health resort treatment at Khatovolsk. I.I. Volkov, H.I. Kushkov. *Sov. med.* 31 no. 4:53-58 Ap '68.

615.8 Physiotherapy and other treatments

- Clinical aspects and treatment of severe craniocerebral trauma accompanied by hemorrhages into the cerebral ventricle. A.A. Arendt, N.D. Lobson. *Trudy TSU* 92:7-11 '68.

- Dynamics of some neuropathological symptoms under the effect of hypnotic suggestive therapy. I.I. Shogam. *Zhur. nev. i psikh.* 68 no. 6:913-916 '68.
- Estrogen excretion in female roentgenologists and X-ray technicians. K.D. Gelashvili. *Med. rad.* 13 no. 7:3-8 Ji '68.
- Fourth Annual Conference of the Society of Medical Psychotherapy at Bad Elster. German Democratic Republic. June 5-7, 1967. H.A. Zachevskii. *Zhur. nev. i psikh.* 68 no. 6:943-947 '68.
- Health resort factors in the treatment of surgical patients. G.I. Ar'lova. *Sov. med.* 31 no. 4:22-27 Ap '68.
- Physiological mechanisms of autogenic training. I.P. Mlagov. A.I. Lokomkin. *Zhur. nev. i psikh.* 68 no. 7:1052-1056 '68.
- Reproduction of images as a psychotherapeutic method. I.E. Volpert. *Zhur. nev. i psikh.* 68 no. 6:902-906 '68.
- Selection of optimal dosage fields in irradiation. U.V. Ignatov. *Vest. AMN SSSR* 23 no. 5:91-95 '68.
- Soviet literature on medical radiology in 1966. *Med. rad.* 13 no. 7:77-94 Ji '68.
- Suggested means as a psychotherapeutic method. F.N. Korotkov. *Zhur. nev. i psikh.* 68 no. 6:900-902 '68.
- Treatment of oxygen deficiency of the brain tissue in the acute stage of cerebral infarct: effect of the inhalation of oxygen and carbon dioxide mixture on cerebral gas exchange. I.I. Buzdun, A.I. A. Kasak. *Zhur. nev. i psikh.* 68 no. 7:1003-1006 '68.
- Use of spectrophotometric computers for the calculation of dosage fields in radiotherapy of malignant tumors. V.B. Istakov and others. *Vest. AMN SSSR* 23 no. 5:86-91 '68.

615.9 Toxicology. Poisons

- Analysis of cases of animal poisoning. A.M. Rakhmanov. *Veterinariya* 45 no. 5:50-51 My '68.
- Cases of animal poisoning by tetramethylthiuram disulfide. G.M. Bormatov, G.M. Kozhinov. *Veterinariya* 45 no. 5:55-56 My '68.
- Karakcheyev, N.L. [War toxicology and defense against weapons of mass destruction]. *Voenno-toksikologiya i zashchita ot oruzhiya massovogo porazheniya*. Tashkent, "Meditsina," 1968. 287 p.

616 Disease. Pathology and medicine

- Alaricis. I.A. Vaisman and others. *Sov. med.* 31 no. 4:130-133 Ap '68.
- Dovzhenko, A.R., and V.R. Dovzhenko. [On the path of old mysticism]. *Tropiki starykh tin*. L'vov, "Kamenar," 1968. 175 p.
- Identification of images and differential diagnosis. T.E. Kozin and others. *Vest. AMN SSSR* 23 no. 5:92-95 '68.
- Immunosuppressive therapy in homotransplantation. K. Nonza, V.I. Gornillo. *Khirurgiya* 44 no. 1:132-133 Ja '68.
- Leningradskii nauchno-issledovatel'skii institut gigiyeny (trud i profilaktika). [Transactions of the Scientific Section of the Leningrad Scientific Research Institute of Occupational Hygiene and Diseases, devoted to the 40th anniversary of the Great October Socialist Revolution and the work results of 1967]. *Trudy Nauchno-issledovatel'skogo nauchno-issledovatel'skogo instituta gigiyeny (trud i profilaktika)*, posviashchenno 40-letiovozhdeniya Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii po logum raboty za 1957 god. Leningrad, 1968. 247 p.
- [Little medical encyclopedia]. *Malaya meditsinskaya entsiklopediya*. Otv. red. V. Kh. Vasilchenko. Moskva, "Sov. entsiklopediya," 1968.
- T. 9. [Repellents - Ergot] Repellents - Sporyn'ta. 1968. 101 columns.
- Modernization of the "Urat-2" electronic digital computer for the processing of medical information. I.U. K. Asatkov, F.M. Kozlov, M.I. Stepanov. *Vest. AMN SSSR* 23 no. 5:87-91 '68.
- Oxidative phosphorylation and ultrastructure of liver mitochondria in rats with acute by-avitaminosis. L.A. Lup'ian and others. *Dokl. AN BSSR* 12 no. 7:650-658 Ji '68.
- Solution of diagnostic problems by means of electronic computers. M.I. Dykhovskii. *Vest. AMN SSSR* 23 no. 5:41-52 '68.
- Some characteristics of primary corpora quadrigemina syndrome: clinical and morphological comparisons. O.N. Sokolova, V.V. Grekhov. *Trudy TSU* 92:103-206 '68.
- [Union list of new foreign books, received by the libraries of the U.S.S.R. Series A: Natural sciences, medicine, agriculture, technology] *Svod. bibliogr. nov. knig, postup. v bibl. SSSR*. Ser. A: Est. nauk, med. i sel'. knoz., tekhn. no. 2 '68.

616.00 Morbid processes. Lesions

- Basic principles of modern surgery on malignant tumors. A.I. Rakov. *Khirurgiya* 44 no. 1:1-7 Ja '68.
- Case of a combination of lymphadenitis with rhabdomyosarcoma. R.S. Chernova, F.I. Lokshina. *Probl. gemat. i perel. krovi* 13 no. 2:43 P '68.
- Combination of cancer of the breast with carcinoma of other localizations. L.V. Lagunova. *Khirurgiya* 44 no. 1:88-90 Ja '68.
- Combination of lympholeukemia with a malignant tumor of the large intestine. M.S. Aleinikova. *Probl. gemat. i perel. krovi* 13 no. 2:44 P '68.
- Experience in x-ray therapy of inflammatory diseases. M.B. Shtaskii. *Med. rad.* 13 no. 7:30-33 Ji '68.

- [Malignant tumor of malignant tumor] *Gormonoterapiya zhlochastivnykh opukhoлей*. Pod red. N.I. Lazareva. Moskva, "Meditsina," 1968. 216 p.
- Myeloplasia in patients with tuberculosis. N.M. Semenov. *Probl. tub.* 45 no. 4:38-43 '68.
- Paravenous injection of paraminosalicylic acid solution in compound treatment of lung tuberculosis patients. I.V. Kikvidze. *Soob. AN Gruz. SSR* 47 no. 3:735-740 '67.
- M.A. Likhovitskiy on her 80th birthday. *Probl. tub.* 46 no. 3:32-33 '68.
- Malignant degeneration of long-lasting non-healing ulcers, pathological cleavages and walls of osteomyelitic fistulas. V.N. Levenets, A.D. Litvinenko, G.L. Enelis. *Khirurgiya* 44 no. 1:113-119 Ja '68.
- Results of clinical study of the antitubercular antibiotic rubomycin. S.S. Akopyants. *Antibiotiki* 13 no. 2:846-850 S '68.
- Significance of the determination of sulphydryl groups in the blood serum in burn disease. H.M. Pavlov, V.L. Zolotarev. *Sov. med.* 31 no. 4:105-112 Ap '68.
- Specific antigens in organs and tissues following experimental BCG vaccination. V.I. Litvinov. *Probl. tub.* 45 no. 3:51-56 '68.
- Stability of the signs of close-range shots from the "PM" pistol and "AK" submachine gun. L.I. Gliko. *Sud. med. ekspert.* 11 no. 3:10-13 Ji '68.
- Surgical intervention in compound treatment of lymphogranulomatosis. M.Kh. Arapetian. *Khirurgiya* 44 no. 1:111-113 Ja '68.
- Treatment of abscesses and lymphadenitis in swine. V.K. Matyushko. *Veterinariya* 45 no. 5:55-58 My '68.
- Use of punched cards in the study of the epidemiology of rheumatism. B.G. Laites and others. *Sov. med.* 31 no. 4:133-135 Ap '68.
- [Wounds. Materials of the 10th Enlarged Plenum of the Board of the Society of Surgeons of the Kazaki S.S.R. dedicated to the 50th anniversary of the Great October Socialist Revolution. May 25-28, 1968]. Rany. Materialy X sessii plenuma Prav. Ova khirurgov Kaz. SSR, posviashch. 50-letiu Velikoi Oktobr'skoi sots. revoliutsii. 25-28 maya 1968 g. Alma-Ata, "Nauka," 1968. 105 p.

616.00(471.232).--Leningrad City

- Tuberculosis infection rate and its dynamics in Leningrad. G.K. Al't, M.K. Ivashchenko, E.V. Levonova. *Probl. tub.* 46 no. 3:1-6 '68.

616.00(574).--Kazaki S.S.R.

- [Materials of the anniversary joint scientific conference of the Kirgiz Scientific Research Institute of Oncology and Radiology and the Kirgiz Scientific Society of Oncologists, dedicated to the 50th anniversary of Soviet power]. *Materialy jubileynoi nauchnoi konferentsii Kirgizskogo nauchno-issledovatel'skogo instituta onkologii i radiologii, sovmestno s Kirgizskimi nauchnymi obshchestvom onkologov, posviashchennoi 50-letniu Sovetskoi vlasti*. Frunze, 1967. 61 p.

616.089 Surgical, operative technique

- Analysis of the results of surgery on nasocystoma and oligodendroglioma of supratentorial localization. M.V. Gorolysheva, V.A. Tumskoi. *Trudy TSU* 92:207-211 '68.
- Application of skin antiseptics for the treatment of hands of a surgeon and the animal hands of a doctor. T.V. Golodova and others. *Probl. gemat. i perel. krovi* 13 no. 2:43-51 P '68.
- Anterograde study with lyophilized cranial bone. V.V. Vasil'ev. *Trudy TSU* 92:242-48 '68.
- Basic principles of modern surgery on malignant tumors. A.I. Rakov. *Khirurgiya* 44 no. 1:1-7 Ja '68.
- Basic principles of treating tumors of hand bones. V.A. Shupolovskii, G.V. Menzhenko. *Khirurgiya* 44 no. 1:108-111 Ja '68.
- Bleeding tumor of the esophagus and hiatal hernia. A.A. Gukushin and others. *Khirurgiya* 44 no. 1:20-24 Ja '68.
- Bleeding tumors of the trachea. V.G. Chesikh. *Khirurgiya* 44 no. 1:122-123 Ja '68.
- Cores of surgical interventions in acute leukemia. L.T. Maligina, D.B. Kalkshtein. *Probl. gemat. i perel. krovi* 13 no. 2:29-32 P '68.
- Change in blood coagulation in anesthesia. N.M. Izaev, N.K. Kozlov. *Probl. gemat. i perel. krovi* 13 no. 2:32-34 P '68.
- Changes in the breathing in children following removal of tumors of the posterior cranial fossa. N.F. Nikolova. *Trudy TSU* 92:136-140 '68.
- Clinical aspects and diagnosis of teratomas and dermoids of the cranial area. D.S. Musanbayev. *Trudy TSU* 92:235-239 '68.
- Clinical aspects of astrocytomas of the spinal cord. A.A. Shomina, V.A. Tumskoi. *Trudy TSU* 92:62-78 '68.
- Clinical aspects cancer of the thyroid gland. V.A. Bordinov. *Khirurgiya* 44 no. 1:123-124 Ja '68.
- Cobalt metabolism in the organism of dogs following gastrectomy and resection of various regions of the stomach; pathogenesis of agastric hypochromic anemia. N.A. Kozlovskii. *Probl. gemat. i perel. krovi* 13 no. 2:34-36 P '68.
- Decompression of the visual canal in gliomas of the visual nerve. K.I. Oglesnev. *Trudy TSU* 92:287-292 '68.
- Diagnosis and surgical treatment of retroperitoneal tumors. A.S. Komarov, M.S. Valsheina. *Khirurgiya* 44 no. 1:70-73 Ja '68.
- Diagnosis of mitral atherosclerosis in relation with its surgical treatment. O.I. Iasakova, N.P. Korzhentkova. *Sov. med.* 31 no. 4:58-63 Ap '68.

Effect of physical load on the cortical and cerebellar electric activity in desynchronized cats and rabbits. E. N. Klenov, N. G. Savvin, D. I. Popova. *Fiziol. zhur.* 54 no. 124-32 Ja '68.

Effect of surgical intervention on the course of coronary insufficiency in elderly persons. K. F. Vlasov, V. G. Bortsov. *Voen.-med. zhur.* no. 435-38 Ap '68.

General reaction of the organism to surgical intervention in patients with cerebral tumors. M. I. Bratskaya and others. *Vop. neirokhir.* 32 no. 3-1-7 Mye-Je '68.

Histological examination of the bone marrow in autotoxic hypoplastic anemia following splenectomy. I. U. Shcherbko. *Probl. genat. i pered. krovi* 13 no. 3:25-24 F '68.

History of the problem of the mechanism of rupture of the lungs in closed traumas of the chest (L. G. Gusev and his theory). E. A. Mager, A. A. Rosnovskii. *Sov. med.* 31 no. 4:146-148 Ap '68.

Immunorepressive therapy in homotransplantation. K. Nouza, V. I. Gavallo. *Khirurgiya* 44 no. 1:132-139 Ja '68.

Impressed cranial fractures in children. A. A. Artarian. *Trudy TSU* 92:49-53 '68.

Indices to surgical intervention in a concussion-type traumatic disease of the brain. V. A. Tunkol. *Trudy TSU* 92:32-41 '68.

Late results of surgical treatment in cancer of the stomach. K. D. Mikoladze, V. V. Pozhidanov, V. V. Gritchev. *Khirurgiya* 44 no. 1:28-30 Ja '68.

Late results of the clipping of the interoposterior cerebral artery in cases of partial removal of tumors of the cerebellum and the fourth ventricle. A. A. Artarian. *Trudy TSU* 92:181-186 '68.

Life expectancy in patients with pulmonary cancer following pneumonectomy. V. V. Rodionov. *Khirurgiya* 44 no. 1:102-106 Ja '68.

Methodology of percutaneous gastrostomy in clinical practice and experiment. N. S. Makukha, S. A. Nikitchenko. *Khirurgiya* 44 no. 1:55-60 Ja '68.

Neurovascularization and hemodynamics. T. M. Harbintan. *Sov. med.* 31 no. 4:3-7 Ap '68.

Optimization of different stages of surgical treatment of hyperklosterosis by the method of implanted electrodes. N. P. Bekhtereva, A. N. Orlova. *Vop. neirokhir.* 32 no. 3:30-44 Mye-Je '68.

Postoperative complications in primary cancer of the lung. M. F. Karpov. *Khirurgiya* 44 no. 1:95-102 Ja '68.

Pulmonary aspergillosis and its surgical treatment. V. Zhenotaki, B. Vukaki, A. Karas. *Khirurgiya* 44 no. 1:80-93 Ja '68.

Resection of esophagojejunal anastomosis in the recurrence of gastric cancer. A. V. Nikolaev. *Khirurgiya* 44 no. 1:125-128 Ja '68.

Resection of the stomach on the background of myocardial infarct. M. N. Anichkov and others. *Sov. med.* 31 no. 4:82-85 Ap '68.

Results of tracheostomy in respiratory disorders in patients with brain lesions. V. A. Kozirev. *Trudy TSU* 92:101-110 '68.

Some anatomical prerequisites to Billroth type I resection of the stomach for cancer. B. B. Kravets. *Khirurgiya* 44 no. 1:31-36 Ja '68.

Some problems in the diagnosis and surgical treatment of malignant tumors of the head of the pancreas and large duodenal papilla. V. S. Batsenko. *Khirurgiya* 44 no. 1:44-49 Ja '68.

Some problems of methodology and technique in the use of multiple long-term intracerebral electrodes in the neurosurgical clinical practice. T. S. Stepanova, K. V. Grachev, S. L. Laisuk. *Vop. neirokhir.* 32 no. 3:40-53 Mye-Je '68.

State of acid-base balance in surgery on the human locomotor apparatus. N. M. Mensilev and others. *Sov. med.* 31 no. 4:124-127 Ap '68.

Stratification method in neurosurgical anatomy. A. A. Artarian. *Trudy TSU* 92:167-192 '68.

Study of biologically active hydrocortisone in patients with gastric cancer during the operation. I. A. Uvaytova, I. I. Tsiirkov. *Khirurgiya* 44 no. 1:24-27 Ja '68.

Subsanction of the reaction of the pole of the frontal lobe of the subdominant hemisphere as a method of operative approach to basal neoplasms. A. I. Arutunov, N. I. Vasin, A. R. Lurita. *Vop. neirokhir.* 32 no. 3:20-26 Mye-Je '68.

Supratentorial surgical approach to the posterior cranial fossa: experimental study. K. I. A. Oglesnev. *Trudy TSU* 92:270-287 '68.

Surgical anatomy of cerebellar tumors ingrown in the pons and the substantia nigra. K. I. A. Oglesnev. *Trudy TSU* 92:247-258 '68.

Surgical interventions in acute leukemia. T. N. Stronova, G. K. Kurchavov. *Khirurgiya* 44 no. 1:118-121 Ja '68.

Surgical intervention in compound treatment of lymphogranulomatosis. M. Kh. Atrapetian. *Khirurgiya* 44 no. 1:111-113 Ja '68.

Surgical treatment of bilateral neurofibromas of the eighth nerve in Recklinghausen's disease. A. A. Artarian. *Trudy TSU* 92:187-192 '68.

Transduodenal papillotomy in cancer of the large papilla of the duodenum. B. M. Shubin, E. S. Futorian. *Khirurgiya* 44 no. 1:60-63 Ja '68.

Twenty years of experience in surgical treatment of cancer of the rectum. A. M. Aminov, S. A. Rodkin. *Khirurgiya* 44 no. 1:14-10 Ja '68.

Use of dacron in treating injuries to the abdominal wall in animals. M. V. Maslov. *Veterinariia* 45 no. 5:63-65 My '68.

616.1 Circulatory, cardiovascular and blood diseases

Aneglad, V. Kh. [Arterial atherosclerosis. (Ultraviolet photography, fluorescence and histochemical analyses)] *Atherosclerosis arterii. (Ultravioletovoe fotografirovanie, fluoresentsenyy i gistsokhim. analizy).* Kishinev, "Karila moldovenaske," 1967. 160 p.

Alaxo-telangiectatic syndrome in Rendu-Osler disease. E. F. Davidenkov, M. S. Kustomarov. *Zhur. nevro. i psikh.* 66 no. 6:809-812 '68.

Belkin, V. S. [Specialized first medical aid in myocardial infarct] *Spetsializirovannaya skoraya meditsinskaya pomoshch' bol'nym infarktom miokarda.* Moskva, "Meditsina," 1958. 132 p.

Bredt, E. H., and I. F. Ostapchuk. [Methods of functional diagnosis of diseases of the cardiovascular system. Method of functional diagnosis of atherosclerosis and its complications. 2-e ispr. 1 dop. izd. Moskva, "Zdorov'ia," 1968. 278 p.

Cases of surgical interventions in acute leukemia. L. T. Kalugin, D. B. Elikhtsin. *Probl. genat. i pered. krovi* 13 no. 2:29-32 F '68.

Change in blood coagulation in anesthesia. N. M. Rzaev, N. K. Nazieva. *Probl. genat. i pered. krovi* 13 no. 2:32-31 F '68.

Changes in the arterial system in diseases of the veins of the lower extremities. V. I. Vasilukov. *Sov. med.* 31 no. 4:14-19 Ap '68.

Characteristics of the course of disorders of cerebral blood circulation in diabetes mellitus. I. U. S. Martynov, I. A. Suchkova. *Zhur. nevro. i psikh.* 66 no. 7:972-978 '68.

Characteristics of the general regional cerebral blood circulation in arteriovenous aneurysms of the brain according to reoencephalographic data. V. I. Anzimi-rov, H. M. Filinov. *Vop. neirokhir.* 32 no. 3:31-39 Mye-Je '68.

Compound treatment of myocardial infarct. L. S. Stevarts, L. I. Gofman. *Sov. med.* 31 no. 4:31-33 Ap '68.

Correlation of the blood circulation in both internal carotid arteries and in the vessels of the vertebral system in cerebral tumors. I. U. A. Zuzulita. *Vop. neirokhir.* 32 no. 3:7-11 Mye-Je '68.

Corticotherapy of Verbi's disease in children. A. V. Muzum. *Sov. med.* 31 no. 4:76-81 Ap '68.

[Current problems of cardiovascular pathology. Materials of a conference] *Aktual'nyye problemy kardiotsirkulyatsionnoy patologii. Materialy konferentsii.* Baku, 1967. 131 p.

Diagnosis of mitral stenosis in relation with its surgical treatment. O. I. Iankova, N. P. Kuznetsova. *Sov. med.* 31 no. 4:58-61 Ap '68.

Diagnostic calculations and preparation of medical information in the diagnosis of some vascular diseases of the brain. K. I. Molodtsov, V. V. Vasev. *Vost. AMN SSSR* 23 no. 5:82-97 '68.

Dynamics of zero changes of oxygen tension in the myocardium in local myocardial ischemia under conditions of chronic experiment. N. V. Samokhata. *Fiziol. zhur.* 54 no. 1:55-63 Ja '68.

Early cerebral atherosclerosis in intellectual and physical workers. M. G. Gofman and others. *Zhur. nevro. i psikh.* 66 no. 7:972-984 '68.

Effect of diuretics on gas exchange in patients with pneumothorax and cardiac insufficiency. V. A. Krepachov. *Sov. med.* 31 no. 4:27-33 Ap '68.

Effect of intracranial hypertension on the epileptic syndrome in tumors of the brain. I. V. Sidorova, V. A. Tunkol. *Trudy TSU* 92:240-246 '68.

Effect of surgical intervention on the course of coronary insufficiency in elderly persons. K. F. Vlasov, V. G. Bortsov. *Voen.-med. zhur.* no. 435-38 Ap '68.

Electrocardiographic changes in pneumoconiosis. N. M. Saksonova, G. E. Ezhkov, R. V. Kolokoladze. *Trudy Tadz. med. inst.* 73:43-52 '65.

An electrocardiogram over the telephone. G. Ziglilin and others. *Pront. Aini.* 10 no. 7:77 '60.

Electroencephalogram in Takayasu's syndrome and disease. R. Shiba, M. Jarubek. *Zhur. nevro. i psikh.* 66 no. 7:995-997 '68.

Experience in programming the universal electronic computer to establish electrocardiographic diagnosis of myocardial infarction. T. B. Kornovskaya, L. A. Savchenko. *Vost. AMN SSSR* 23 no. 5:66-62 '68.

Experience in the use of pyrogenal in the treatment of vascular diseases of the lower extremities. V. D. Kargin, K. N. Klimov, I. S. Damakov. *Sov. med.* 31 no. 4:19-23 Ap '68.

Experimental lousella of mice fed with lousella materials. B. V. Goran. *Trudy VNIIM* no. 18:154-171 '67.

Functional state of the adrenal cortex in the early period of cerebral atherosclerosis and its change under health resort treatment at Kislovodsk. I. I. Volkov, I. U. I. Kishikov. *Sov. med.* 31 no. 4:53-58 Ap '68.

Functional state of the blood coagulation system in juvenile hemorrhages. I. S. Soliarova. *Sov. med.* 31 no. 4:37-41 Ap '68.

Functional state of the organs of external respiration in the early stages of the development of hypertension. I. V. Khotov. *Sov. med.* 31 no. 4:128-129 Ap '68.

Gu'fand, V. B., and L. D. Krymshik. [Neurological changes in congenital cardiac defects and their dynamics following surgical treatment] *Nevrologicheskie izmeneniya pri vrozhennykh porokakh srtsa i ikh dinamika posle khirurgicheskoy tekhniki.* Moskva, "Meditsina," 1967. 112 p.

MBCo

Histological examination of the bone marrow in autotoxic hypoplastic anemia following splenectomy. I. U. Shcherbko. *Probl. genat. i pered. krovi* 13 no. 3:25-24 F '68.

Kurgenov, N. V. [Clinical significance of urogenital re-nous plexus] *Klinicheskoe znachenie urogenital'nogo plexusa.* Kishinev, "Zdorov'ia," 1968. 116 p.

Mathematical modeling of a cardiovascular system. Biological control. I. P. Smirnov, M. A. Shavlovskii. *Vost. AMN SSSR* 23 no. 5:40-41 '68.

Normalizing arterial embolisms. A. A. Grinberg, V. A. Kuznetsov. *Sov. med.* 31 no. 4:7-19 Ap '68.

Neurovascularization and hemodynamics. T. M. Harbintan. *Sov. med.* 31 no. 4:3-7 Ap '68.

Oxyhemometric examination in schizophrenia and reactive psychosis during the process of treatment with neuroleptics. N. N. Timolev, V. T. Kondrashenko, N. I. Nemtseva. *Zhur. nevro. i psikh.* 66 no. 6:605-613 '68.

Pathogenesis of the opticopapillary syndrome in occlusions of the carotid artery. D. I. Atanov. *Zhur. nevro. i psikh.* 66 no. 6:837-843 '68.

Physiocardiological indices in rheumatic heart disease in young persons. L. D. Karpylovskii. *Voen.-med. zhur.* no. 430-42 Ap '68.

Potassium, calcium, sodium and iodine content in the blood serum of a rabbit in experimental hypothyroidism. A. I. Bolvadze. *Sov. AMN Gruz. SSR* 47 no. 3:725-728 '67.

Preparation of data on cardiovascular diseases for processing on electronic computers. T. B. Postova. *Vost. AMN SSSR* 23 no. 5:56-60 '68.

Terminal form of myocardial infarct in a 91-year-old female patient. M. M. Solov, D. S. Legak. *Sov. med.* 31 no. 4:121-122 Ap '68.

Regulation of the course of schizophrenia complicated by atherosclerosis, and the characteristics of treatment. V. F. Demiatnikov. *Sov. med.* 31 no. 4:68-75 Ap '68.

Resection of the stomach on the background of myocardial infarct. M. N. Anichkov and others. *Sov. med.* 31 no. 4:82-85 Ap '68.

Results of using fibrinolysin in chronic lymphatic leukemia. R. A. Mokkova, V. S. Zimarev, N. E. Rybakova. *Sov. med.* 31 no. 4:100-102 Ap '68.

Role of the disorders in the cardiac rhythm in the pathogenesis of tachycardia in reoencephalography. I. I. S. Ginzburg. *Zhur. nevro. i psikh.* 59 no. 7:967-968 '68.

Significance of the determination of antihydroly groups in the blood serum in brain disease. I. U. A. Zuzulita. *T. I. Zozov. Sov. med.* 31 no. 4:100-112 Ap '68.

Some indices of the blood coagulation system in pneumoconiosis. K. A. Kinnanova and others. *Trudy Tadz. med. inst.* 73:29-33 '65.

Splenectomy in acute form of Weil's disease complicated by cerebral hemorrhages. V. V. Lashvili. *Probl. genat. i pered. krovi* 13 no. 2:43-46 F '68.

State of brain matter reserved in collateral blood supply. R. N. Gusevskii, E. N. Koshinskaya. *Zhur. nevro. i psikh.* 66 no. 7:964-972 '68.

State of lymph vessels of the lower extremities in some venous diseases based on lymphographic data. L. S. Rozenshteyn, I. A. Duglarenov. *Sov. med.* 31 no. 4:114-117 Ap '68.

State of the coagulation and anticoagulation systems of the blood in patients with occlusion of the arteries. S. Z. Gofman, T. E. Podlaskale, I. A. Smirnov. *Sov. med.* 31 no. 4:83-88 Ap '68.

Study of biologically active hydrocortisone in patients with gastric cancer during the operation. I. A. Uvaytova, I. I. Tsiirkov. *Khirurgiya* 44 no. 1:24-27 Ja '68.

Study of the mechanism of the origin of vascular fibrillation in myocardial infarct by means of mathematical modeling on hybrid computers. B. A. Rogan and others. *Vost. AMN SSSR* 23 no. 5:13-28 '68.

Surgical interventions in acute leukemia. T. N. Stronova, G. K. Kurchavov. *Khirurgiya* 44 no. 1:118-121 Ja '68.

Treatment of hemolytic patients with the hypophyseal preparation erythropoietin. T. A. Chernikova and others. *Sov. med.* 31 no. 4:26-30 Ap '68.

Treatment of oxygen deficiency of the brain tissue in the acute stage of cerebral infarct. Effect of the inhalation of oxygen and carbon dioxide mixture on cerebral gas exchange. E. I. Ruzumov, A. E. A. Kaseik. *Zhur. nevro. i psikh.* 66 no. 7:1002-1008 '68.

Urgent problems of practical cardiology. V. S. Smolenskii. *Sov. med.* 31 no. 4:40-50 Ap '68.

Use of progesterone in the treatment of disorders of water-salt metabolism in cardiac insufficiency. A. E. Morozov, T. M. Kononova. *Sov. med.* 31 no. 4:68-72 Ap '68.

616.2 Respiratory diseases

Amalgam properties of Actinomyces isolated in patients with fibrocavernous pulmonary tuberculosis. H. N. Nikiforin. *Probl. tub.* 40 no. 3:61-65 '68.

Benign tumors of the trachea. V. G. Chesikh. *Khirurgiya* 44 no. 1:122-123 Ja '68.

Changes in the bone marrow in practically healthy miners and those with pneumoconiosis. K. A. Kravonov. *Trudy Tadz. med. inst.* 73:19-28 '65.

Changes in the breathing in children following removal of tumors of the posterior cranial fossa. N. P. Nitsaeva. *Trudy TSU* 92:136-146 '68.

Changes in the function of the adrenal cortex in pneumoconiosis. V. A. Gal'kev. *Trudy Tadz. med. inst.* 73:65-69 '65.

Clinical aspects and treatment of rounded tuberculosis in children. M. P. Pokhitonova, V. A. Firsova, O. A. Uvarova. *Probl. tub.* 40 no. 3:12-18 '68.

Comparative evaluation of macro- and microscopical study of the lungs in infants and young children following their sudden death. A. V. Pormakov, S. F. Churakova. *Sud.-med. ekspert.* 11 no. 3:6-7 Ji-S '68.

- Course and outcome of primary pulmonary tuberculosis in young children in connection with the nature of bronchial lesions. S. V. Rakhinskiy, I. A. Dolobol'skaya. *Probl. tub.* 46 no. 3:19-23 '68.
- Death caused by a suppurative emphysema of the mediastinum. V. N. Ovsyannikov. *Sud.-med. ekspert.* 11 no. 3:49-50 JI-S '68.
- Disorders in the central regulation of respiration in supratentorial tumors of the brain. V. A. Kozlov. *Trudy TSU* 92:111-128 '68.
- Effect of diuretics on gas exchange in patients with myocardial and cardiac insufficiency. V. A. Kizachev. *Sov. med.* 31 no. 3:27-33 Ap '68.
- Electrocardiographic changes in pneumoconiosis. N. M. Saksonova, G. E. Ezikov, R. V. Kolontadze. *Trudy Tadzh. med. inst.* 73:43-52 '65.
- Effusion in pneumoconiosis. E. P. Derbentsova. *Trudy Tadzh. med. inst.* 73:80-84 '65.
- Foreign body in the bronchia. M. V. Shesterina. *Probl. tub.* 46 no. 3:79-80 '68.
- Functional state of the liver in pneumoconiosis. A. A. Pisanova. *Trudy Tadzh. med. inst.* 73:63-66 '65.
- Functional state of the organs of external respiration in the early stages of the development of hypertension. I. U. V. Khalev. *Sov. med.* 31 no. 3:128-129 Ap '68.
- Functional state of the respiratory apparatus in practically healthy minors and in those with pneumoconiosis. E. P. Derbentsova. *Trudy Tadzh. med. inst.* 73:34-42 '65.
- Glycocorticoid function of the adrenal glands in patients with pulmonary tuberculosis and diabetes mellitus. T. F. Smirnova. *Probl. tub.* 46 no. 3:32-38 '68.
- History of the problem of the mechanism of rupture of the lungs in closed trauma of the chest (L. Gasselen and his theory). E. A. Vagner, A. A. Romanovskiy. *Sov. med.* 31 no. 4:146-148 Ap '68.
- Hypophysectomy and adrenal hormones in treating tuberculosis. O. V. Glebovich, G. I. Chernitskiy. *Voen.-med. zhur.* no. 4:42-48 Ap '68.
- Lesions of the bronchi in children in a chronic course of primary tuberculosis. K. M. Guseva, M. I. Bugaeva. *Sov. med.* 31 no. 4:102-105 Ap '68.
- Life expectancy in patients with pulmonary cancer following pneumonectomy. V. V. Rodionov. *Khirurgiya* 44 no. 1:102-106 Ja '68.
- Liver function disorder according to data of a radioisotope study in children and adolescents with pulmonary tuberculosis. L. N. Bondarenko, L. A. Iudin. *Med. rad.* 13 no. 7:15-21 JI '68.
- Materials of a symposium on the problems of prevention and treatment of silicosis and silicotuberculosis. V. I. Solov'ova, K. P. Molekhanov. *Probl. tub.* 46 no. 3:89-92 '68.
- Materials of the 14th International Conference on Tuberculosis. F. V. Shabanov and others. *Probl. tub.* 46 no. 3:83-89 '68.
- Mineral metabolism in pneumoconiosis. I. A. Bobokhodzhayev. *Trudy Tadzh. med. inst.* 73:60-64 '65.
- Micromia in lesions of the brain. V. A. Kozlov. *Trudy TSU* 92:212-222 '68.
- Postoperative complications in primary cancer of the lung. M. F. Karpov. *Khirurgiya* 44 no. 1:95-102 Ja '68.
- Pulmonary aspergillosis and its surgical treatment. V. Zhelezovskiy, B. Vullskiy, A. Koras. *Khirurgiya* 44 no. 1:60-65 Ja '68.
- Pulmonary edema in lesions of the brain. V. A. Kozlov. *Trudy TSU* 92:184-189 '68.
- Results of tracheostomy in respiratory disorders in patients with brain lesions. V. A. Kozlov. *Trudy TSU* 92:91-110 '68.
- Esipova, I. K., and O. I. A. Kaufman. [Postnatal reconstruction of the pulmonary circulation and aortic arch in newborn infants]. *Postnatal'naya perestroika malogo kruga krovoobrascheniya i aorty u novorozhdennoy.* Leningrad, "Meditsina," 1968. 223 p.
- Sanatorium treatment of military personnel with tuberculosis. V. Kh. Bodarev. *Voen.-med. zhur.* no. 4:47-62 Ap '68.
- Some criteria of the activity of tuberculosis in children during primary tuberculosis. K. I. Nigmatov, S. D. Paporish. *Probl. tub.* 46 no. 3:23-26 '68.
- Some indices of the blood coagulation system in pneumoconiosis. K. A. Khasanova and others. *Trudy Tadzh. med. inst.* 73:29-33 '65.
- Some problems of the pathogenesis of suppurative metastases of the brain. L. D. Zhuchenko, V. A. Kozlov. *Trudy TSU* 92:268-285 '68.
- Thorapeutic problems in pneumoconiosis. I. A. Bobokhodzhayev, V. A. Gal'tsov, R. V. Kolontadze. *Trudy Tadzh. med. inst.* 73:70-78 '65.
- Radiographic examination of the radices pulmonis in tuberculous children using the transverse spread method. Z. V. Landa, E. P. Pekurovskiy, I. V. Shvartsev. *Probl. tub.* 46 no. 3:28-32 '68.
- Use of phase oxymyography with a brief breathing suppression during exhalation in neurosurgical clinical practice. V. A. Kozlov. *Trudy TSU* 92:147-153 '68.
- 616.2 (574)—Kazakh S. S. R.
- Contingents of patients with far advanced forms of tuberculosis and ways of reducing their number. D. Z. Borokhov, A. N. Il'iazov, I. B. Shefer. *Probl. tub.* 46 no. 3:7-11 '68.
- 616.3 Digestive system. Gastroenterology. Deficiency diseases. A. V. Martynov operates on I. P. Pavlov, I. V. Bogorad, V. L. Nazarova. *Khirurgiya* 44 no. 1:149-160 Ja '68.
- Antineoplastic drug therapy in cancer of the large intestine. A. P. Bazhenova, L. D. Ostrovskiy. *Khirurgiya* 44 no. 1:7-14 Ja '68.
- Bakhtin, A. G. [Gastrointestinal diseases in swine]. *Zhurnal dlya vyshcheyshchey bolezni sviney.* Pod red. P. I. Pritulina. Moskva, "Kolos," 1967. 109 p. (B-ka prakt. vet. vracha).
- Benign tumor of the esophagus and hiatal hernia. A. A. Gukasyan and others. *Khirurgiya* 44 no. 1:20-21 Ja '68.
- Borokhov, S. A. [Operations on the liver. (Clinical and experimental substantiation)] *Operatsii na pecheni.* (Kliniko-eksperimental'noe substantirovaniye). Moskva, "Meditsina," 1968. 212 p.
- Burchalkin, G. I., and V. E. Kushnir. [Peptic ulcer. (Conservative treatment)] *Lazvennaya bolezni.* (Konservativnoe lecheniye). Kiev, "Zdorov'ya," 1968. 154 p. (B-ka prakt. vracha).
- Cancer of the vermiform appendix and cecum in connection with appendicitis. B. I. Chulanov. *Khirurgiya* 44 no. 1:83-88 Ja '68.
- Cases of surgical intervention in acute leukemias. I. T. Katagina, I. B. Kalkashin. *Probl. gemat. i perel.* knozh 13 no. 2:23-32 Fe '68.
- Characteristics of the course of disorders of cerebral blood circulation in diabetes mellitus. I. S. Martynov, I. A. Suckova. *Zhur. nev. i psikh.* 68 no. 7:972-978 '68.
- Clinical classification of chronic gastritis of functional disorders of the stomach. I. I. Fishchenko-Ryssa. *Voen.-med. zhur.* no. 4:31-35 Ap '68.
- Cobalt metabolism in the organism of dogs following gastrectomy and resection of various regions of the stomach. Pathogenesis of gastric hypochlorhydria. N. A. Kovtunich. *Probl. gemat. i perel.* knozh 13 no. 2:34-38 Fe '68.
- Combination of lympholeukemia with a malignant tumor of the large intestine. M. S. Alekseyeva. *Probl. gemat. i perel.* knozh 13 no. 2:44 Fe '68.
- Cremol tumors of the abdominal wall. V. A. Uzirov. *Khirurgiya* 44 no. 1:24-27 Ja '68.
- Diagnosis and surgical treatment of retroperitoneal tumors. A. S. Komarov, M. S. Vainichenko. *Khirurgiya* 44 no. 1:70-73 Ja '68.
- Effect of isolation of the pylorus on the discharge of bile into the duodenum. E. N. Matrosov. *Fiziol. zhur.* 54 no. 1:81-89 Ja '68.
- Enlishov, V. A. [Recurring aphthous stomatitis]. *Relativno-izmenchivaya aftoznyi stomatit.* Tashkent, "Meditsina," 1968. 72 p.
- Functional state of the liver in pneumoconiosis. A. A. Pisanova. *Trudy Tadzh. med. inst.* 73:53-68 '65.
- Hemangiomas of the rectum. K. V. Luzhkov. *Khirurgiya* 44 no. 1:127-130 Ja '68.
- Hemobilia in malignant lesions of the biliary tract. L. V. Avdey. *Khirurgiya* 44 no. 1:126-127 Ja '68.
- Kharzhanov, A. I. [Functional tests in the diagnosis of diseases of the liver]. *Funktsionalnye probny v diagnostike zabolevaniy pocieni.* Moskva, "Meditsina," 1968. 404 p. (B-ka prakt. vracha).
- Late results of surgical treatment in cancer of the stomach. K. D. Alkeldze, V. V. Pozhdenova, V. V. Girkov. *Khirurgiya* 44 no. 1:28-30 Ja '68.
- Liver function disorder according to data of a radioisotope study in children and adolescents with pulmonary tuberculosis. L. N. Bondarenko, L. A. Iudin. *Med. rad.* 13 no. 7:15-21 JI '68.
- Methodology of pancreaticogastroscopy in clinical practice and experiment. N. S. Makolka, S. A. Nikitenko. *Khirurgiya* 44 no. 1:66-69 Ja '68.
- Neurosislike states in pathology of the liver. E. V. Malkova. *Zhur. nev. i psikh.* 68 no. 7:953-956 '68.
- Polyps and polyposis of the rectum and large intestine in amoebiasis. N. A. Enilov. *Khirurgiya* 44 no. 1:68-80 Ja '68.
- Radiometric assessment of the liver function in experimental application of cyclophosphamide. N. F. Zarkovitch, Z. P. Dzhikina, V. P. Pivulch. *Med. rad.* 13 no. 7:33-36 JI '68.
- Resection of esophagojejunal anastomosis in the recurrence of gastric cancer. A. V. Nikolov. *Khirurgiya* 44 no. 1:126-128 Ja '68.
- Resection of the stomach on the background of myocardial infarct. M. N. Antelkov and others. *Sov. med.* 31 no. 4:82-85 Ap '68.
- Rollular carcinoma of the stomach. V. I. Shastikov. *Khirurgiya* 44 no. 1:37-43 Ja '68.
- Some anatomical prerequisites to Billroth type I resection of the stomach for cancer. I. B. Kravets. *Khirurgiya* 44 no. 1:31-36 Ja '68.
- Study of biologically active hydrocortisone in patients with gastric cancer during the operation. I. A. Usynova, L. I. Tsvirkov. *Khirurgiya* 44 no. 1:24-27 Ja '68.
- Some problems in the diagnosis and surgical treatment of malignant tumors of the head of the pancreas and large duodenal papilla. V. S. Datsenko. *Khirurgiya* 44 no. 1:44-49 Ja '68.
- Transcutaneous intrahepatic cholangiography in tumors of the pancreatoduodenal zone. N. A. Tishchenko, I. S. Sukovatykh. *Khirurgiya* 44 no. 1:49-55 Ja '68.
- Transduodenal papilloscopy in cancer of the large papilla of the duodenum. B. M. Shubin, E. S. Futorian. *Khirurgiya* 44 no. 1:60-63 Ja '68.
- Twenty years of experience in surgical treatment of cancer of the rectum. A. M. Amisov, S. A. Rodkin. *Khirurgiya* 44 no. 1:14-19 Ja '68.
- Use of antimicrobial preparations against dyspepsia in calves. B. I. Antonov. *Velarmeriya* 45 no. 5:62-63 My '68.
- 616.4 Hemopoietic, lymphatic, endocrine systems. Changes in the bone marrow in practically healthy miners and those with pneumoconiosis. K. A. Khasanova. *Trudy Tadzh. med. inst.* 73:19-28 '65.
- Changes in the function of the adrenal cortex in pneumoconiosis. V. A. Gal'tsov. *Trudy Tadzh. med. inst.* 73:65-72 '65.
- Changes in the kidneys and endocrine glands in animals affected with P₂₁₀ and treated with hormones. V. N. Strel'tsova, Z. I. Polubotarinova. *Med. rad.* 13 no. 7:40-46 JI '68.
- Changes in the osmotic resistance of the erythrocytes in adrenalectomized and hypophysectomized rats having been exposed to high mineral conditions. Z. I. Barbasheva, G. I. Grigor'ova. *Probl. kuzm. biol.* 8:181-188 '64.
- Clinical aspects of cancer of the thyroid gland. V. A. Berdakov. *Khirurgiya* 44 no. 1:123-124 Ja '68.
- Endocrine and humoral disorders in neurosis. V. F. Radchenko. *Zhur. nev. i psikh.* 68 no. 7:1027-1031 '68.
- Functional state of the adrenal cortex in the early period of cerebral atherosclerosis and its change under health resort treatment at Kislovodsk. I. I. Volkov, I. I. Koshkova. *Sov. med.* 31 no. 3:53-58 Ap '68.
- Glycocorticoid function of the adrenal glands in patients with pulmonary tuberculosis and diabetes mellitus. T. F. Smirnova. *Probl. tub.* 46 no. 3:32-38 '68.
- Histological examination of the bone marrow in subacute hypoplastic anemia following splenectomy. I. D. Shchepetov. *Probl. gemat. i perel.* knozh 13 no. 2:25-28 Fe '68.
- Kahak, I. A. M. [Laboratory manual of endocrinology. Basic methods of experimental endocrinological studies]. *Praktikum po endokrinologii. Osnovnye metody eksperimental'noy endokrinologii.* Tashkent, Izd. 2-c, dop. Moskva, Izd. Mosk. un-va, 1968. 276 p.
- Potassium, calcium, sodium and iodine content in the blood serum of a rabbit in experimental hypothyroidism. A. I. Bolokvaizov. *Sob. AN Gruz. SSR* 47 no. 3:725-728 '67.
- Purkinje cytology of regional lymph nodes in the diagnosis of cancer of the breast. N. I. Nikulina, K. A. Agamova. *Khirurgiya* 44 no. 1:77-79 Ja '68.
- Role of hormonal disorders in the etiology of some neoplasms. M. A. Shalagin. *Vop. neirokhir.* 32 no. 3:11-15 My-Jy '68.
- Splenectomy in acute form of Werthoff's disease complicated by cerebral hemorrhage. V. V. Iasvili. *Probl. gemat. i perel.* knozh 13 no. 2:19-41 Fe '68.
- State of lymph vessels of the lower extremities in some venous diseases: based on lymphographic data. L. S. Rozental'trauh, I. A. Degtyareva. *Sov. med.* 31 no. 4:11-14 Ap '68.
- State of the coagulation and anticoagulation systems of the blood in patients with ophiophthalmia of the extremities. S. Z. Gorkhovich, E. E. Polubotarinova, L. A. Smirnova. *Sov. med.* 31 no. 4:83-88 Ap '68.
- Tuberculin in chemotherapy of patients with tuberculosis of peripheral lymph nodes. K. A. Shastikov. *Probl. tub.* 46 no. 3:43-51 '68.
- Use of thyroidal preparations for reducing the radioresistance to toxic sulfur in treatment with I¹³¹. I. U. E. Livogant, N. G. Sushina. *Med. rad.* 13 no. 7:9-11 JI '68.
- 616.5 Dermatology. Clinical and electromyographic studies in scleroderma and dermatomyositis. E. B. Nankovskiy, I. S. Aleev, R. L. Kazukovich. *Zhur. nev. i psikh.* 68 no. 7:979-983 '68.
- Experience in the treatment of pharyngeal and palmar psoriasis. G. K. Anshitsan. *Sov. med.* 31 no. 4:112-115 Ap '68.
- Nosov, S. D. [Infectious diseases in children]. *Infektsionnyye bolezni detskoy.* Moskva, "Znanie," 1968. 70 p. (Rus. un-iv. Fak. zdorov'ya. 3).
- Treatment of hypoparathyroidism with Gordoov-2 paste and fluid. I. U. K. Shastikov, I. N. Vinokurov. *Sov. med.* 31 no. 4:127-128 Ap '68.
- 616.6 Urology. Changes in the kidneys and endocrine glands in animals affected with P₂₁₀ and treated with hormones. V. N. Strel'tsova, Z. I. Polubotarinova. *Med. rad.* 13 no. 7:40-46 JI '68.
- Detection of spermatozoa in sperm stains by means of paper electrophoresis. L. Bares. *Sud.-med. ekspert.* 11 no. 3:40-47 JI-S '68.
- Effect of corticosteroid hormones on the morphological structure of bladder wound healing in vitro. A. G. Gannazov. *Sob. AN Gruz. SSR* 47 no. 3:747-752 '67.
- Kurenko, N. V. [Clinical significance of urogenital venous plexus]. *Klinicheskoe znachenie mouchelovogo venoznogo splekna.* Kiev, "Zdorov'ya," 1968. 116 p.
- Mechanism of therapeutic effect of the serum from a brain convalescent on the renal functions following thermic burn. I. V. Nedoshivina, I. K. Korotkina. *Probl. gemat. i perel.* knozh 13 no. 2:38-42 Fe '68.
- Solution of uric acid. I. M. Lipshits, N. V. Martynov. *Sov. med.* 31 no. 4:42-45 Ap '68.
- Tatogenetic significance of aculea renal insufficiency in criminal abortion. O. A. Zakharova, R. E. Bakhtinskaya. *Sud.-med. ekspert.* 11 no. 3:18-20 JI-S '68.
- 616.69 Sex life and disorders. Kochetkov, V. D. [Neurological aspects of impotence]. *Nevrologicheskiye aspekty impotentsii.* Moskva, "Meditsina," 1968. 260 p. (B-ka prakt. vracha).
- 616.7 Diseases of the locomotor (skeletal) system. Basic principles of treating tumors of hand bones. V. A. Shlapoberskiy, G. V. Menzhinskaya. *Khirurgiya* 44 no. 1:108-111 Ja '68.

- Bone dystrophy in cattle. D. D. Poloz, V. S. Postnikov, A. I. Noskov. Veterinarina 45 no. 5:60-61 My '68.
- Clinical and electromyographic studies in scleroderma and dermatomyositis. N. R. Nankovskii, I. S. Aleev, R. L. Karskevich. Zhur. nevro. i psikh. 68 no. 7:978-983 '68.
- External compressive osteosynthesis in fractures and pseudarthrosis of long tubular bones. O. V. Gudzhauri, O. V. Ognestian. Voen.-med. zhur. no. 4:22-26 Ap '68.
- Indications for use of intracerebral osteosynthesis. T. N. Firman. Voen.-med. zhur. no. 4:20-28 Ap '68.
- Intracerebral osteosynthesis method and prospects for its use in field conditions. L. M. Kotelnikov, V. V. Cherkashin. Voen.-med. zhur. no. 4:20-30 Ap '68.
- Khersonskaya, R. S. (Osteoarticular tuberculosis. (Manual for students of medical institutes and physicians of the general medical network) Kuznetsov, sustavnykh tuberkulez. (Rukovodstvo dlia studentov meditsinskikh institutov i vrachei obshchego meditsinskogo seti). Kishinev, "Karta moldoveniaske," 1967. 143 p. (DNLN)
- Modeling myotonia in rats by diethylamine salt of 2,4 dinitrophenylacetic acid. I. A. E. Kenigsberg. Dokl. AN SSSR 12 no. 5:473-475 My '68.
- Pathogenesis of the Babin syndrome. R. A. Karpov and others. Zhur. nevro. i psikh. 68 no. 8:828-832 '68.
- Rheumatoid factor in the synovial fluid of children with infectious rheumatic polyarthritides. O. V. Chizhov, R. P. Khodorova. Sov. med. 31 no. 4:73-75 Ap '68.
- Some problems of clinical aspects, pathogenesis, and treatment of an acute severe cranio-cerebral trauma and one of medium gravity. A. A. Shlykov and others. Trudy TSU 02:22-31 '68.
- Symposium "Late sequelae in lesions caused by osteotropic endonucleides. I. U. I. Khskatev. Med. rad. 13 no. 7:59-74 Ji '68.
- Topography of stresses in the costal circle in static loads. G. T. Buguev. Sud.-med. ekspert. 11 no. 3-8-10 Ji '68.
- Two rare cases of malignant synovias. V. S. Oglenko. Khirurgiya 44 no. 1:120-131 Ji '68.
- 818.8 Neurology. Neuro- and psychopathology
- Algeic membrane syndrome in supratentorial neuro-ectodermal tumors. V. A. Tumskol, Trudy TSU 02:230-234 '68.
- Analysis of the results of surgery on astrocytomas and oligodendrogliomas of supratentorial localization. M. V. Goretshova, V. A. Tumskol, Trudy TSU 02:237-241 '68.
- Astrocystoma of the superior vermis cerebelli in children. K. I. A. Oglenov, Trudy TSU 02:179-186 '68.
- Ataxo-toleraemic syndrome in Rendu-Osler disease. E. F. Davidovskaya, M. S. Kostomarov. Zhur. nevro. i psikh. 68 no. 8:808-812 '68.
- Autocranoplasty with lyophilized cranial bone. V. V. Vasiliev, Trudy TSU 02:42-48 '68.
- Anomalous analysis of cerebral cells. S. M. Blinov, G. R. Ivanitskii, Vest. AN SSSR 23 no. 5:84-86 '68.
- Change in cerebral gas metabolism in tumorous lesions. V. A. Kozyrev, Trudy TSU 02:130-137 '68.
- Changes in the breathing in children following removal of tumors of the posterior cranial fossa. E. F. Nikolaeva. Trudy TSU 02:133-140 '68.
- Changes in the osmotic resistance of the erythrocytes in adrenalec-tomized and hypophysectomized rats having been exposed to high mountain conditions. Z. I. Barbasheva, G. I. Grigor'eva. Probl. koosm. biol. 0:181-188 '68.
- Characteristics of the course of disorders of cerebral blood circulation in diabetes mellitus. I. U. S. Mityayev, I. A. Sushkova. Zhur. nevro. i psikh. 68 no. 7:972-978 '68.
- Characteristics of the general regional cerebral blood circulation in arteriovenous aneurysms of the brain according to reoencephalographic data. V. I. Anzintsev, I. U. M. Filatov. Vop. neirokhir. 32 no. 3:34-39 My '68.
- Classification of cranio-cerebral traumas. V. A. Tumskol, Trudy TSU 02:12-21 '68.
- Clinical aspects and diagnosis of teratomas and dermoids of the chiasmatic area. D. S. Musanulov. Trudy TSU 02:235-238 '68.
- Clinical aspects and treatment of severe cranio-cerebral traumas accompanied by hemorrhages into the cerebral ventricle. A. A. Artyukh, N. D. Lobzon. Trudy TSU 02:7-11 '68.
- Clinical aspects of astrocytomas of the spinal cord. A. A. Shonina, V. A. Tumskol, Trudy TSU 02:62-78 '68.
- Combined action of small carbon monoxide concentrations and hypoxia on the visual analyzer. A. N. Zolotarevskii. Voen.-med. zhur. no. 4:80-84 Ap '68.
- Comparative evaluation of contrast examining methods in the diagnosis of volumetric processes in the brain hemispheres in children. Z. N. Pollanker, T. G. Mareeva. Vop. neirokhir. 32 no. 3:30-32 My '68.
- Concerning F. F. Ognestian's article "Controversial problems of the mechanism of the development of tension symptoms in acute lumbosciatica." Krivosheev. Zhur. nevro. i psikh. 68 no. 6:948-949 '68.
- Decompression of the visual canal in gliomas of the visual nerve. K. I. A. Oglenov. Trudy TSU 02:267-268 '68.
- Dependence of the compensation of function on the quantity of neurons. S. M. Blinov, M. V. Pishillo. Vop. neirokhir. 32 no. 3:16-20 My '68.
- Diagnostic calculations and preparation of medical information in the diagnosis of some vascular diseases of the brain. N. I. Nolaeva, V. V. Usav. Vest. AN SSSR 23 no. 5:62-67 '68.
- Disorders in the central regulation of respiration in supratentorial tumors of the brain. V. A. Kozyrev. Trudy TSU 02:111-128 '68.
- Different forms of ingrown tumors of the posterior cranial fossa in the foramen of the cerebellar tent. K. I. A. Oglenov. Trudy TSU 02:79-80 '68.
- Disturbance of the asthenic syndrome of different etiology. D. A. Ginzburg, A. A. Loev. Zhur. nevro. i psikh. 68 no. 7:987-995 '68.
- Dreams in lesions of the visual analyzer. V. N. Kaniukin. Zhur. nevro. i psikh. 68 no. 8:820-824 '68.
- Dynamics of some neuropathological symptoms under the effect of hypnotic suggestive therapy. I. I. Shogam. Zhur. nevro. i psikh. 68 no. 8:813-816 '68.
- Early cerebral atelectasies in intellectual and physical workers. M. G. Goldshteyn and others. Zhur. nevro. i psikh. 68 no. 7:992-994 '68.
- Effect of amiazolaz on some characteristics of the higher nervous activity in hysteria. M. M. Trunova. Zhur. nevro. i psikh. 68 no. 7:1057-1063 '68.
- Effect of intracranial hypertension on the epileptic syndrome in tumors of the brain. I. V. Smirnova, V. A. Tumskol. Trudy TSU 02:240-246 '68.
- Endocrine and humoral disorders in neoplasms. V. T. Bekker. Zhur. nevro. i psikh. 68 no. 7:1027-1031 '68.
- Electroencephalogram in Takayasu's syndrome and disease. B. A. A. A. Janoušek. Zhur. nevro. i psikh. 68 no. 7:935-937 '68.
- Etiology of amyotrophic lateral sclerosis. Kh. L. Bel'man. Sov. med. 31 no. 4:33-36 Ap '68.
- Experiments Zhukovskii Tron: an obituary. Vop. neirokhir. 32 no. 3:59-60 My '68.
- Extragenital supratentorial cerebral epinymomas. A. P. Romodanov, B. A. Fel'te, T. P. Verkhovskiy. Vop. neirokhir. 32 no. 3:26-36 My '68.
- Function of the cerebellar nuclei: experimental study. A. A. Artarhin, M. V. Pishillo. Trudy TSU 02:274-278 '68.
- General reaction of the organism to surgical intervention in patients with cerebral tumors. N. I. Dushakina and others. Vop. neirokhir. 32 no. 3:17-21 My '68.
- Hydrocephalus in patients with tuberculosis. M. M. Senonova. Probl. tub. 46 no. 3:38-43 '68.
- Hyperkinesia in tumors of the posterior cranial fossa. A. A. Artarhin, Trudy TSU 02:173-178 '68.
- Impressed cranial fractures in children. A. A. Artarhin, Trudy TSU 02:18-23 '68.
- Indices to surgical intervention in a convulsion-type traumatic disease of the brain. V. A. Tumskol. Trudy TSU 02:32-41 '68.
- Late results of the clipping of the inferior posterior cerebellar artery in cases of partial removal of tumors of the cerebellum and the fourth ventricle. A. A. Artarhin, Trudy TSU 02:161-166 '68.
- Levodopa therapy in treatment of sleep disorders. V. M. Shtak, R. N. Vinogradova. Sov. med. 31 no. 4:85-89 Ap '68.
- Limited astrocytic gliomas of the brain hemisphere in X-ray pictures. I. U. S. Mityayev. Vop. neirokhir. 32 no. 3:33-34 My '68.
- Manual of the neuropathologist and psychiatrist [Spravochnik novopatologa i psikhiatra. Pod obshch. red. N. I. Greshchenkova i A. V. Svezhikovskogo. Izd. 2-e. Moskva, "Meditsina," 1968. 580 p.
- Meningeal syndromes in the clinical practice of urgent neuro-pathology. I. U. S. Mityayev and others. Zhur. nevro. i psikh. 68 no. 8:862-869 '68.
- Mental disorders in typical trigeminal neuralgia and other forms of prosopalgia. L. E. Krutikina. Zhur. nevro. i psikh. 68 no. 7:1031-1036 '68.
- Mental state in prolonged hypokinesia. I. A. Maslov. Zhur. nevro. i psikh. 68 no. 7:1031-1034 '68.
- Model of the dyskinesic syndrome. I. N. Diakonov and others. Zhur. nevro. i psikh. 68 no. 8:805-809 '68.
- Optimization of different stages of surgical treatment of lymphoblastomas by the method of implanted electronics. N. P. Bekkerova, A. M. Ostova. Vop. neirokhir. 32 no. 3:35-43 My '68.
- Pathogenesis of the Babin syndrome. R. A. Karpov and others. Zhur. nevro. i psikh. 68 no. 8:828-832 '68.
- Pathogenesis of the optic-nerve syndrome in occlusions of the carotid artery. D. I. Manov. Zhur. nevro. i psikh. 68 no. 8:837-843 '68.
- Pneumonia in lesions of the brain. V. A. Kozyrev. Trudy TSU 02:213-222 '68.
- Prevention of disability in cranial traumas. I. U. D. Artyukhin. Trudy TSU 02:54-61 '68.
- Professor V. T. Pokrovskii's contribution to the development of Russian neurology: on the 100th anniversary of his birth. L. I. Zhukovskii. Zhur. nevro. i psikh. 68 no. 4:916-917 '68.
- Pulmonary edema in lesions of the brain. V. A. Kozyrev. Trudy TSU 02:164-166 '68.
- Relationship of the stability in vertical position with the respiration in patients with focal cerebral lesions of different localization. V. S. Garkina, A. M. Fel'te. Zhur. nevro. i psikh. 68 no. 7:1013-1018 '68.
- Report on the Vollov-Soviet Symposium on Neurogenetics. I. V. Val'd, Zhur. nevro. i psikh. 68 no. 7:1013-1015 '68.
- Results of tracheostomy in respiratory disorders in patients with brain lesions. V. A. Kozyrev. Trudy TSU 02:91-100 '68.
- Role of hormonal disorders in the etiology of some neoplasms. M. A. Satazkin. Vop. neirokhir. 32 no. 3:11-15 My '68.
- Role of the cerebral cortex in the formation of extrapyramidal hyperkinesias. O. A. Laponogov, T. G. Garkina. Zhur. nevro. i psikh. 68 no. 8:801-806 '68.
- Role of the disorders in the cardiac rhythm in the pathogenesis of ischemic infarct: rheoencephalographic data. S. E. Ginzburg. Zhur. nevro. i psikh. 68 no. 7:997-1002 '68.
- Role of the limbicocortical structures of the brain in the organization of mnemonic processes. A. M. Volin, B. I. Kamenskaya. Zhur. nevro. i psikh. 68 no. 8:843-848 '68.
- Significance of prolonged clinostatic hypodynamic in the clinical practice of neural diseases. T. U. Krupina, A. A. Tizul. Zhur. nevro. i psikh. 68 no. 7:1016-1019 '68.
- Significance of the permeability of the hemato-encephalic barrier for penicillin sodium salt in the treatment of experimental suppurative meningitis. N. K. Mos. i. Zhur. nevro. i psikh. 68 no. 8:837-841 '68.
- Some characteristics of primary corpus callosal syndrome: clinical and morphological comparisons. O. N. Sokolova, V. V. Grekhov. Trudy TSU 02:192-206 '68.
- Some characteristics of the spatial distribution of biopotentials in the cerebral cortex of patients with obsessive neuroses. A. S. Aslanov. Zhur. nevro. i psikh. 68 no. 7:1010-1026 '68.
- Some problems of clinical aspects, pathogenesis, and treatment of an acute severe cranio-cerebral trauma and one of medium gravity. A. A. Shlykov and others. Trudy TSU 02:22-31 '68.
- Some problems of methodology and technique in the use of multiple long-term intracerebral electrode arrays in neurosurgical clinical practice. T. S. Shepina, K. V. Grachev, S. L. Litsuk. Vop. neirokhir. 32 no. 3:40-53 My '68.
- Some problems of the pathogenesis of suppurative metastases of the brain. L. D. Zhuchenko, V. A. Kozyrev. Trudy TSU 02:288-295 '68.
- Spinal neuropathology during 50 years. M. K. Belykh. Zhur. nevro. i psikh. 68 no. 7:953-959 '68.
- Spinelectomy in acute form of Wertheim's disease complicated by cerebral hemorrhages. V. V. Litsuk, B. I. Garmat, I. P. Krov. Zhur. nevro. i psikh. 68 no. 7:945-946 '68.
- Stimulation method in neurosurgical practice. A. A. Artarhin. Trudy TSU 02:187-192 '68.
- State of liquid matter reversed to collateral blood supply. D. N. Kozlovskii, E. N. Kuznetsovskii. Zhur. nevro. i psikh. 68 no. 7:964-972 '68.
- Study of the focus of intracerebral destruction following local freezing with liquid nitrogen: experimental, morphological study. T. M. Vukobrat and others. Vop. neirokhir. 32 no. 3:45-48 My '68.
- Sudden death caused by enormous hemangioma of the choroid plexus. G. A. Shurshin. Sud.-med. ekspert. 11 no. 3:10-11 Ji '68.
- Supratentorial surgical approach to the posterior cranial fossa: experimental study. K. I. A. Oglenov. Trudy TSU 02:270-287 '68.
- Surgical anatomy of cerebellar tumors ingrown in the pectonion formation, and the substitution of incision for a supratentorial surgical approach. K. I. A. Oglenov. Trudy TSU 02:247-256 '68.
- Surgical treatment of bilateral neurinomas of the eighth nerve in Recklinghausen's disease. A. A. Artarhin. Trudy TSU 02:167-172 '68.
- Surgical Gekharovich Akhundov: on his 60th birthday: 143rd anniversary of medical, actualized clinical investigations. Zhur. nevro. i psikh. 68 no. 7:1013-1015 '68.
- Transcending of a scientific conference and symposium on the problem "Morphological expression of the reactivity of the nervous system under normal and pathological conditions." Trudy nauchnoy konferentsii i simpoziuma po probleme "Morfologicheskoe simptomno reaktivnosti nervov i sistemy v normal'nykh i patologicheskikh usloviyakh." Baku, Izd. Akad. Nauk Azerbaidzhan'skoi SSR, 1967. 215 p. (DNLN)
- Treatment of oxygen deficiency of the brain tissue in the acute stage of cerebral infarct: effect of the inhalation of oxygen and carbon dioxide mixture on cerebral gas exchange. L. I. Randan, A. T. A. Krasnik. Zhur. nevro. i psikh. 68 no. 7:1002-1008 '68.
- Two cases of diagnostic dyspraxia by the Akolaki's method: disorders of interhemispheric relationships. E. P. Kok, I. U. M. Filatov. Zhur. nevro. i psikh. 68 no. 8:833 '68.
- Use of correlative and spectral analysis for the evaluation of the changes in EEG in focal lesions of the brain. O. M. Garkina, O. N. Politykova, A. I. Artarhin. Vest. AN SSSR 23 no. 5:71-84 '68.
- Use of phase oxymetry with a brief breathing suppression during exhalation in neurosurgical clinical practice. V. A. Kozyrev. Trudy TSU 02:147-163 '68.
- Use of preparations with anticholinesterase action for complex disorders of the higher nervous activity caused by some psychodimetics. G. I. Mikhaleva. Zhur. nevro. i psikh. 68 no. 8:813-816 '68.
- Work ability and job placement for patients following surgery on parasagittal and convex meningiomas. V. A. Vashina. Trudy TSU 02:223-228 '68.
- 818.89 Psychiatry. Psychopathology. Mental disorders. Insanity
- Attitude of mental patients to their illness. V. M. Banskikh, I. A. Mitrushin, I. A. P. Frumkin. Zhur. nevro. i psikh. 68 no. 8:871-875 '68.
- Characteristics of the clinical aspects of reactive states in inhibited psychopathic persons: catatonic state. V. K. Olenov. Zhur. nevro. i psikh. 68 no. 7:1013-1014 '68.
- Characteristics of the clinical aspects of repeated reactive states: data of clinical and catamnestic observations. B. P. Kalchev. Zhur. nevro. i psikh. 68 no. 7:1047-1052 '68.
- Clinical aspects of reflex hallucinations. M. T. Kuznetsov. Zhur. nevro. i psikh. 68 no. 8:895-898 '68.
- Criteria of neurotic development. N. D. Lakotina. Zhur. nevro. i psikh. 68 no. 8:880-885 '68.
- Demarcation of supervaluable jealous ideas in psychopaths from closely related, by their content, delirious ideas in schizophratics. B. V. Shostakovich. Sud.-med. ekspert. 11 no. 3:39-43 Ji '68.
- Dmitrii Dmitriyevich Fedotov: on his 60th birthday. Zhur. nevro. i psikh. 68 no. 7:1011-1012 '68.

- Effect of amiazine on some characteristics of the higher nervous activity in hysteria. M. M. Trunova. Zhur. nevr. i psikh. 68 no. 7:1057-1063 '68.
- Fourth Annual Conference of the Society of Medical Psychotherapy at Bad Ems, German Democratic Republic, June 5-7, 1967. R. A. Zuchovitski. Zhur. nevr. i psikh. 68 no. 8:913-947 '68.
- Mature disorders originating under conditions of a medical expertise in the capacity for work. G. S. Voznesenskaya. Zhur. nevr. i psikh. 68 no. 7:1012-1017 '68.
- Index of books on neuropathology, psychiatry and related disciplines received at the State Central Scientific Medical Library during March 1968. E. A. Akbulin. Zhur. nevr. i psikh. 68 no. 8:840-841 '68.
- Index of books on neuropathology, psychiatry and related disciplines received at State Central Scientific Medical Library in April 1968. E. A. Akbulin. Zhur. nevr. i psikh. 68 no. 7:1089-1091 '68.
- Index of some dissertations on neuropathology, psychiatry and related disciplines received at State Central Scientific Medical Library during the first quarter of 1968. M. I. Vilsenskaya. Zhur. nevr. i psikh. 68 no. 7:1091-1092 '68.
- First scientific session of the Institute of Psychiatry of the Academy of Medical Sciences of the U.S.S.R. and Institute of Psychiatry, named after Avenitov, at the Ministry of Public Health of the Georgian S.S.R. devoted to the problem of schizophrenia: September 11-17, 1967. T. I. B. N. N. N. Zhur. nevr. i psikh. 68 no. 7:1095-1107 '68.
- Mental disorders in typical trigeminal neuralgia and other forms of neuropathia. I. E. Erokhina. Zhur. nevr. i psikh. 68 no. 7:1014-1018 '68.
- Method for restoring written speech. R. Rachev. Tsv. Goleva. Zhur. nevr. i psikh. 68 no. 8:846-852 '68.
- Neurosis-like states in pathology of the liver. T. V. Zhukova. Zhur. nevr. i psikh. 68 no. 7:1063-1066 '68.
- Nikolai Vladimirovich Vinogradov: on his 70th birthday. Zhur. nevr. i psikh. 68 no. 8:842 '68.
- Oxymoronic examination in schizophrenia and reactive psychoses during the process of treatment with neuroleptics. N. M. Timofeev, V. T. Kondraschenko, N. I. A. N. Zhur. nevr. i psikh. 68 no. 6:908-913 '68.
- Present state of studies on psychopathology: a review of foreign research over 10 years. V. A. Gur'eva, V. I. A. Gur'eva. Zhur. nevr. i psikh. 68 no. 7:1064-1069 '68.
- Regularity of the course of schizophrenia complicated by atherosclerosis, and the characteristics of treatment. V. I. Desiatnikov. Sov. med. 31 no. 4:89-95 Ap '68.
- Role of the limbicorectal structures of the brain in the organization of mastic processes. A. M. Volin, B. I. Kamenetskaya. Zhur. nevr. i psikh. 68 no. 8:843-849 '68.
- Socially dangerous actions of mental patients determined by morbid experiences in Kandinskii-Clerambault syndrome. O. E. Frolov. Sud.-med. ekspert. 11 no. 3:34-39 Ji-S '68.
- Some characteristics of the spatial distribution of leptomeningitis in the cerebral cortex of patients with cerebral neoplasms. A. S. Andarov. Zhur. nevr. i psikh. 68 no. 7:1010-1020 '68.
- Serious psychiatriy during 50 years. Z. N. Serebrnikov. Zhur. nevr. i psikh. 68 no. 7:1059-1063 '68.
- State of initial confusion. N. I. Belon'kaya. Zhur. nevr. i psikh. 68 no. 8:878-880 '67.
- Study of syndromes of paraneoplastic delirium and similar states. A. A. Portnov, I. U. A. Buntov, B. I. Lyukov. Zhur. nevr. i psikh. 68 no. 8:880-885 '68.
- Two cases of diagnostic dyspraxia by the Akelaitis method: disorders of luteinophilic correlations. E. P. Kok, I. M. Filatov. Zhur. nevr. i psikh. 68 no. 8:833 '68.
- Variations in the dynamics of the symptoms of increased inhibition; entomologic data. M. I. Bolanov. Zhur. nevr. i psikh. 68 no. 8:885-890 '68.
- 616.99 Infectious diseases**
- Chemotherapeutic study of ampicillin in experimental infections. M. A. Petrova, E. K. Buzina, V. I. Chavdarova. Antibiotiki 13 no. 9:815-820 S '68.
- Comparative evaluation of the methods of treatment of coccidiosis in chicks. V. I. Koshkina. Veterinarita 45 no. 5:43-46 My '68.
- [Coarse instructions of modern methods for the treatment of basic helminthiases] Kratkaya instruktsiya po sovremennym metodam lecheniya osnovnykh gol'vintozov. Kishinov, "Kartia mudovalnitsko," 1967, 10 p.
- Contamination of dry abomasums of calves with Salmonella. M. A. Khelife, V. S. Zakordonets. Veterinarita 46 no. 5:82 My '68.
- Current questions in the further reduction of infectious diseases among soldiers. V. I. Agafonov. Voen.-med. zhur. no. 4:3-7 Ap '68.
- Disinfection of polar fox cages and dog houses against toxascariasis. F. N. Iatizov. Veterinarita 45 no. 5:84-88 My '68.
- [Epidemiology] Epidemiologia. Pod red. I. I. Etkina. Izd. 2-e, pererabot. Moskva, "Meditsina," 1968, 431 p. Experience in the sanitation of farms from swine ascaridiasis. M. V. Mal'kul. Veterinarita 46 no. 5:47-48 My '68.
- Galiev, I. V. [Pathogenic bacterial enzymes] Patogennye fermenty bakterii. Moskva, "Meditsina," 1968, 116 p.
- Gudzhabidzo, G. Sh. [Prevention of helminth diseases] Profilaktika gl'vnykh zabolovani. Moskva, "Meditsina," 1968, 24 p. (Nauch.-popul. med. literatura).
- Iamshchikov, P. M. [Trichinosis and its prevention] Trichinellez i ego preduprezhdenie. [Minsk, "Urozhai," 1967] 67 p.
- Ioffe, V. I. [Clinical and epidemiological immunology] Klinicheska i epidemiologicheskaya immunologiya. Leningrad, "Meditsina," 1968, 373 p.
- Modeling the relationship between epidemic and infectious processes. L. A. Rachev. Vost. ANU SSSR 23 no. 5:34-37 '68.
- New method of studying natural fecality of leptoepizoots; natural labeling with radioactive phosphorus. E. V. Karsova, V. I. Litvin. Zool. zhur. 47 no. 3:444-450 Mr '68.
- Nosov, S. D. [Infectious diseases in children] Infektsionnye bol'zn u detei. Moskva, "Znanie," 1968, 70 p. (Kor. un-t. Fak. zdorov'ia, 31).
- Pathogenicity of resistance and aspartate transaminase for rabbits and chicks. O. I. Reftakova, P. I. Shlapak, B. A. Kozlov. Probl. zsh. 46 no. 3:58-60 '68.
- Pathogenicity of experimental allergic encephalomyelitis. L. S. Zinushko, A. L. Leonovich, M. P. Kravtsov. Dokl. AN BSSR 12 no. 5:469-472 My '68.
- Plagiotypes and serotypes of Listeria. M. K. Shcheglova. Veterinarita 45 no. 5:22-21 My '68.
- Salmonella carrier state during fascioliasis. I. S. Zagrevalskii. Veterinarita 45 no. 5:30-31 My '68.
- Some epidemiological experiments conducted on electronic computers. O. V. Ivanov, L. A. Rachev. Vost. ANU SSSR 23 no. 5:32-31 '68.
- State of hemato-encephalic barrier in experimental allergic encephalomyelitis dynamics. A. L. Leonovich, T. P. Stozhenko. Dokl. AN BSSR 12 no. 6:568-569 Je '68.
- Thacker, P. G. [Bacterial dysentery] Bakterial'naya dizenteriya. Moskva, "Meditsina," 1957, 84 p. (B-ka sred. meditsionnaya).
- Use of ibuprofen in the treatment of sheep foot rot. Kh. A. Abduragimov, P. A. Malikov. Veterinarita 45 no. 5:57 My '68.
- Use of hexachloroparaxylene fiteolofa of swine. A. D. Kuznetsov. Veterinarita 45 no. 5:47 My '68.
- Use of the fluorescent microagglutination method for detecting listeria organisms. N. S. Zhuravov. Veterinarita 45 no. 5:104 My '68.
- 616.9(471.323)—Kursk Province**
- Properties of Listeria obtained from sheep on Kursk Province farms. A. V. Rybakova. Veterinarita 45 no. 6:105-100 My '68.
- 616.9(470.24)—Azerbaijan S. S. R.**
- Salnova, Z. M. [Hemorrhagic encephalitis in Azerbaijan] Gonorrhagicheskiy encefalit v Azerbaidzhane. Baku, Azerneshr, 1968, 118 p.
- 616.98 Specific infections**
- Emergency prevention of toxemia. G. I. Kromlov. Voen.-med. zhur. no. 4:52-55 Ap '68.
- Interregional traveling seminar of the International Health Organization for plague control. V. M. Noronov, E. A. Ved'mina. Zool. zhur. 47 no. 4:653-665 Ap '68.
- Method of preparation of fluorescent antibodies for the diagnosis of anthrax. M. A. Goltsov, P. I. Khukhualishvili. Veterinarita 45 no. 6:103 My '68.
- The role of eggs in the spread of respiratory mycoplasmas of poultry. G. A. Grashova and others. Veterinarita 45 no. 5:41-42 My '68.
- Some characteristics of the course of anthrax infection in swine. N. G. Ipatenko. Veterinarita 45 no. 6:38-40 My '68.
- Treatment of animals for necrobacillosis. I. M. Golosov and others. Veterinarita 45 no. 6:35-38 My '68.
- 616.988 Virus infections**
- Clinical signs and pathomorphology of complications after foot-and-mouth disease in cattle. N. G. Tolstova-Paritskaya and others. Veterinarita 45 no. 6:27-30 My '68.
- Comparative resistance of the foot-and-mouth disease virus to formalin and hydroquinone. E. E. Nikitin and others. Veterinarita 45 no. 6:21-22 My '68.
- Economic effectiveness of measures to control foot-and-mouth disease on sheep farms. G. A. Bashkurov. Veterinarita 45 no. 6:33-35 My '68.
- Economic evaluation of veterinary measures in the eradication of foot-and-mouth disease. N. I. Gushchik. Veterinarita 45 no. 5:30-33 My '68.
- Pregnation and control of variant sera to the type O virus of foot and mouth disease. A. I. Sobko and others. Veterinarita 45 no. 5:101-103 My '68.
- Proteins and glycoproteins in chick blood serum after immunization against Newcastle disease. Iosang-van-tian. Veterinarita 45 no. 5:25-28 My '68.
- Significance of Polpa corpus in the horse encephalitis foci. V. A. Dolgov and others. Zool. zhur. 47 no. 7:1105-1110 Ji '68.
- 616.986(471.342)—Kirov Province**
- Study of immunological processes in animals under natural conditions; observations on tagged animals. N. A. Nikitina, A. A. Pchelina, I. I. Kovalovskaya. Zool. zhur. 47 no. 5:748-755 My '68.
- 617 Surgery**
- Application of new hemostatic drugs in the surgery of parenchymatous organs. A. M. Oguz. Soob. AN Gruz. SSR 47 no. 3:729-734 '67.
- Borovkov, S. A. [Operations on the liver. (Clinical and experimental substantiation)] Operatsii na pecheni. (Kliniko-eksperiment. osnovaniya). Moskva, "Meditsina," 1968, 212 p.
- Disorders in the central regulation of respiration in supratentorial tumors of the brain. V. A. Kozlov. Trudy TSU 82:111-129 '66.
- Evgolov, Iur'evich Kramarenko: on the 10th anniversary of his death. I. I. Tshinskii. Khirurgia 44 no. 1:160-161 Ja '68.
- Fifth Scientific Conference on the Problem of Burns. K. M. Krylov, N. I. Kucheyev. Khirurgia 44 no. 1:180-184 Ja '68.
- Hyperkinesia in tumors of the posterior cranial fossa. A. A. Artarinn. Trudy TSU 92:173-178 '68.
- In memory of Andrei Andreevich Arendt. Trudy TSU 92:3-4 '60.
- In memory of Doctor B. A. Landa. A. P. Biezins, Ezerits, Khirurgia 44 no. 1:152 Ja '68.
- In memory of M. V. Sviridov: an obituary. Sov. med. 31 no. 4:155-156 Ap '68.
- In the name of man. A. Sukharevskii. V mire knig 7 no. 8:13 '67.
- Iudin, S. S. [Reflections of a surgeon] Razmysleniya khirurga. Moskva, "Meditsina," 1968, 387 p.
- [Pelvic operative surgery] Operativnaya khirurgia dolgovozrastia. Pod red. E. M. Margolina. Izd. 2-e, dop. 1 pererabot. Leningrad, "Meditsina," 1967, 510 p. (DNLN).
- Relicocarcinoma of the stomach. V. I. Shashkov. Khirurgia 44 no. 1:37-43 Ja '68.
- 22d Congress of the International Society of Surgeons. Vienna, September 2-9, 1967. A. A. Vishnevskii, B. A. Petrov, P. N. Nupnikov. Khirurgia 44 no. 1:153-166 Ja '68.
- Valeriy Pavlovich Radushkevich: on his 60th birthday. Khirurgia 44 no. 1:147-148 Ja '68.
- Work ability and job placement for patients following surgery on paranasal and convex meningiomas. V. A. Vasilina. Trudy TSU 92:223-229 '68.
- 617.3 Orthopedics**
- External compressive osteosynthesis in fractures and pseudarthrosis of long tubular bones. O. N. Gushchikov, O. V. Opatovskii. Voen.-med. zhur. no. 4:22-26 Ap '68.
- Indications for use of intraseptal osteosynthesis. T. N. Lirman. Voen.-med. zhur. no. 4:26-28 Ap '68.
- Intraosseous osteosynthesis method and prospects for its use in field conditions. I. M. Kozlov, V. V. Cherkashin. Voen.-med. zhur. no. 4:29-30 Ap '68.
- 617.7 Ophthalmology. Eye diseases**
- Brovkin, A. F. [Primary tumors of the orbit. (Characteristics of the clinical picture)] Perвичnye opukholi orbity. (Osobennosti kliniki). Kartiny. Moskva, 1968, 22 p.
- Decompression of the visual canal in gliomas of the visual nerve. K. I. A. Ogleznov. Trudy TSU 92:257-262 '66.
- 618 Gynecology. Obstetrics**
- Characteristics of lesions of the breast based on pathohistological data. A. A. Kuklina. Khirurgia 44 no. 1:82-86 Ja '68.
- Combination of cancer of the breast with carcinoma of other localizations. L. V. Iagunova. Khirurgia 44 no. 1:88-90 Ja '68.
- Degree of cleanliness and the bacterial flora of vaginal contents in textile workers. V. D. Braginova. Trudy Tshch. med. inst. 73:100-103 '65.
- Estrogen excretion in female gynecologists and X-ray technicians. K. D. Golashvili. Med. rad. 13 no. 7:3-8 Ji '68.
- Evaluation of the probability of the malignant nature of mammary gland tumors based on radiometry with P32. I. P. Melenchuk and others. Med. rad. 13 no. 7:24-30 Ji '68.
- Functional state of the blood coagulation system in juvenile hemorrhages. L. S. Stoliurova. Sov. med. 31 no. 4:37-41 Ap '68.
- Punctate cytology of regional lymph nodes in the diagnosis of cancer of the breast. N. I. Nikitina, K. A. Agamova. Khirurgia 44 no. 1:77-79 Ja '68.
- Some pathomorphological data on the state of the vaginal mucous membrane under the effect of cotton dust. V. D. Braginova. Trudy Tshch. med. inst. 73:104-107 '65.
- Tanalogous significance of acute renal insufficiency in criminal abortion. O. A. Zakharova, R. I. Bakulinskaya. Sud.-med. ekspert. 11 no. 3:18-26 Ji-S '68.
- Topchilova, O. I. [Histological diagnosis based on endometrial scrapings] Gistologicheskaya diagnostika po oskobam endometriia. Leningrad, "Meditsina," 1967, 136 p. (B-ka prakt. vracha).
- Use of electrocoagulation and emission spectrography for the determination of live birth. V. M. Smol'nikov, G. A. Pashurin, Z. M. Marsimov. Sud.-med. ekspert. 11 no. 3:3-5 Ji-S '68.
- X-ray diagnosis of benign diseases of the breast. N. P. Pushkarova, E. V. Pines. Khirurgia 44 no. 1:86-82 Ja '68.
- 619 Comparative pathology. Veterinary medicine**
- Analysis of cases of animal poisoning. A. M. Nakhmanov. Veterinarita 45 no. 6:68-51 My '68.
- Bakhina, A. G. [Gastrointestinal diseases in swine] Zheludochno-kishchnyye bol'znai svini. Pod red. P. I. Prutina. Moskva, "Kolos," 1967, 169 p. (B-ka prakt. vol. vracha).
- Cases of animal poisoning by tetramethylthiuram diathide. G. M. Bormatov, G. F. Kozhlov. Veterinarita 45 no. 5:56-56 My '68.

Check-tests for the evaluation of feed and management conditions on pregnant sows. N. A. Oksogov. Veterinaria 45 no. 5:76-77 My '68.

Clinical signs and pathomorphology of complications after foot-and-mouth disease in cattle. N. G. Tolstova-Pavlovskaya and others. Veterinaria 45 no. 5:27-30 My '68.

Combined effect of chlorophors and 3-trichloromethylphosphates on the animal organism. R. Sh. Nurmatov. Veterinaria 45 no. 5:58-59 My '68.

Comparative evaluation of the methods of treatment of coccidiosis in chicks. V. I. Koshkina. Veterinaria 45 no. 5:43-45 My '68.

Comparative resistance of the foot-and-mouth disease virus to formalin and hydroxylamine. E. E. Nikitin and others. Veterinaria 45 no. 5:21-22 My '68.

Compound method of sanitizing bee colonies against foul brood. A. M. Smirnov, Z. G. Chaynshev. Veterinaria 45 no. 5:88-89 My '68.

Contamination of dry abomasums of calves with Salmonella. M. A. Kheifets, V. S. Zakordoneis. Veterinaria 45 no. 5:92 My '68.

Determination of residual phosphamides in meat and milk. T. G. Abbasov. Veterinaria 45 no. 5:97-98 My '68.

Disinfection of polar fox cages and dog houses against toxocarriasis. F. N. Iafizov. Veterinaria 45 no. 5:84-86 My '68.

Economic evaluation of veterinary measures in the eradication of foot-and-mouth disease. N. I. Gushchin. Veterinaria 45 no. 5:30-33 My '68.

Effect of plukitlin R on the conception rate and fertility of sows. A. G. Bliznuchenko. Veterinaria 45 no. 6:75-78 My '68.

Electron microscope study of the pathogens of experimental foot-and-mouth disease. G. A. Krasnikov. Veterinaria 45 no. 5:19-21 My '68.

Experience in the sanitation of farms from swine ascaridiasis. M. V. Mal'kov. Veterinaria 45 no. 5:47-48 My '68.

Hold the banner of competition higher. Veterinaria 45 no. 5:8-12 My '68.

I. Anshchikov, P. M. [Trichinosis and its prevention] Trichinellosis ego prevyazhenie. [Minsk, "Urozhai," 1967]. 67 p.

Importance of hand stripping of cows after mechanical milking. N. M. Khil'kevich. Veterinaria 45 no. 6:67-69 My '68.

Information and chronicle. Veterinaria 45 no. 5:119-125 My '68.

Jurda, A. [Traumatism in domestic animals] Majdzivniku trauma. Ilga, "Liesma," 1966. 140 p. [in Latvian].

Maestria in sleep. V. I. Nikitin. Veterinaria 45 no. 5:72-74 My '68.

Method of preparation of fluorescent antibodies for the diagnosis of anthrax. M. A. Gullov, P. I. Khukhushishvili. Veterinaria 45 no. 5:103 My '68.

Pathomorphological diagnosis of different sheep diseases. I. S. Egoshin and others. Veterinaria 45 no. 5:51-53 My '68.

Phagotypes and serotypes of Listeria. M. K. Shcheglova. Veterinaria 46 no. 5:22-24 My '68.

Preparation and control of variant sera to the type O virus of foot and mouth disease. A. I. Sobko and others. Veterinaria 46 no. 5:101-103 My '68.

Properties of Listeria obtained from sheep on Kursk Province farms. A. V. Rybakova. Veterinaria 46 no. 5:105-106 My '68.

Proteins and glycoproteins in chick blood serum after immunization against Newcastle disease. Hong-vauten. Veterinaria 45 no. 6:25-26 My '68.

A rapid method of qualitative determination of peroxides in lung and fat. I. U. G. Kostenko. Veterinaria 45 no. 5:93-94 My '68.

The role of eggs in the spread of respiratory mycoplasmosis of poultry. G. A. Grosheva and others. Veterinaria 45 no. 6:41-42 My '68.

Salmonella carrier state during fascioliasis. I. S. Zagayevskii. Veterinaria 45 no. 5:90-91 My '68.

Secretion of chlorophors and 3-trichloromethylphosphates in milk. D. K. Polnikov, U. I. A. Usakov, A. M. Notselski. Veterinaria 45 no. 5:95-97 My '68.

Sensitivity of reagents for the diagnosis of cow mastitis. I. I. Arkhangelski, N. K. Oksaminiy. Veterinaria 45 no. 6:69-70 My '68.

Some characteristics of the course of anthrax infection in swine. N. G. Ipatenko. Veterinaria 45 no. 6:36-40 My '68.

A test to determine the meat from animals slaughtered during agony and from dead animals. N. G. Kozhminskii, N. E. Ivanov, V. I. A. Ivanova. Veterinaria 46 no. 5:93 My '68.

Testing phenothiazine against helminth infestation turkeys. M. V. Protasevich. Veterinaria 45 no. 5:48-49 My '68.

Thank you, Doctor. V. V. Strokolev. Veterinaria 45 no. 5:17-18 My '68.

Toxic and lethal properties of oxazolidinone. A. D. Timchenko. Veterinaria 45 no. 5:63-64 My '68.

Treating skin wounds of sheep against fly maggots. V. M. Aleksandrova. Veterinaria 45 no. 6:63-64 My '68.

Treatment of abscesses and lymphadenitis in swine. V. K. Malushko. Veterinaria 45 no. 6:65-66 My '68.

Treatment of animals for necrobacillosis. I. M. Golosov and others. Veterinaria 45 no. 5:35-36 My '68.

Twenty-eighth World Veterinary Congress. Veterinaria 45 no. 5:108-118 My '68.

Use of antimicrobial preparations against dyspepsia in calves. B. I. Antonov. Veterinaria 45 no. 6:62-63 My '68.

Use of dicron in treating injuries to the abdominal wall in animals. M. V. Maslov. Veterinaria 45 no. 5:63-65 My '68.

Use of dihydromycin in the treatment of sheep foot rot. Kh. A. Abduragimov, P. A. Mal'kov. Veterinaria 45 no. 5:57 My '68.

Use of hexachloroparaxylene fasciolosis of swine. A. D. Khabalov. Veterinaria 45 no. 5:47 My '68.

Use of oxytocin against cow mastitis. I. N. Anisimov and others. Veterinaria 45 no. 6:71 My '68.

Use of the fluorescent microagglutination method for detecting listeria organisms. N. S. Zhumayev. Veterinaria 45 no. 5:104 My '68.

[Veterinary encyclopedia] Veterinarnaya entsiklopediya. Glav. red. K. I. Skribin. Moskva, "Sov. entsiklopediya." (Entsiklopediya Stovari Spravochniki) [T. 1. [A - Virological technique] A - Virusologicheskaya tekhnika. 1966. 1088 columns.

[Veterinary medicine] Veterinaria. 1968. Moskva, 1968. 124 p. (Ilogi nauki. Seriya "Biologiya").

We will not permit the spread of infectious diseases during the pasture period! Veterinaria 45 no. 5:4-7 My '68.

819(471.311)—Moscow Province

We are raising healthy offspring. A. N. Shilavina. Veterinaria 45 no. 5:61-62 My '68.

819(471.64)—Kabardino-Balkar A. S. S. R.

In the interests of production. M. A. Tilor. Veterinaria 45 no. 5:15-16 My '68.

819(574)—Kazakh S. S. R.

Thoughts of the future. I. A. S. Kamyshanskii. Veterinaria 45 no. 5:12-15 My '68.

62 ENGINEERING AND TECHNOLOGY

Aesthetic level of the manufacturing environment. A. G. Ushakov. Mashinostroitel' no. 2:4-7 F '68.

Art and technology. G. Sinagin. Tekh. est. 5 no. 3:9-14 My '68.

Bellows seals of transmissions under high pressure. A. V. L'gubina. Vest. mashinost. 48 no. 2:30-38 F '68.

Centralized informational materials on technological aesthetics and industrial design by branches. B. Iulin. G. Kuchinskaya. Tekh. est. 5 no. 3:31-32 My '68.

Conference of machine building industry workers. Mashinostroitel' no. 2:1-3 F '68.

Contactless position indicators. L. I. Zeleniseva. Mekh. stroit. 23 no. 10:22-23 O '68.

Determining frequencies of natural vibrations of rods by the method of parametric averaging. I. M. Vaisubid. Vest. mashinost. 48 no. 2:10-22 F '68.

Distribution of energy radiated by the base of a cylinder on the lateral surface. Report No. 1. V. D. Ilumatsov. I. D. Esmikhin. Izv. vuzov, ucheb. zad. i reshenia, 11 no. 6:150-153 F '68.

Double fixing mechanism. I. E. Ivanov, V. V. Kol'chuk. Vest. mashinost. 48 no. 2:46-47 F '68.

Electrophysiological methods of equipment evaluation. T. P. Kovalevskii. Mashinostroitel' no. 2:17-18 F '68.

Experimental investigation of deceleration of pneumatic drive at the end of a piston stroke. L. V. Gerts, I. U. G. Vorobeychuk, A. A. Parol. Avt. prom. 34 no. 3:32-34 My '68.

Fiber glass felt materials. Kh. R. Parkashina, I. A. S. Proskurnykh, A. M. Khatkin. Mashinostroitel' no. 2:31 My '68.

From the history of technological aesthetics in Russia. F. Zagorskii. Tekh. est. 5 no. 3:27-29 My '68.

Functional painting. V. V. Blokhin. Mashinostroitel' no. 2:11-13 F '68.

Graphic displays in the shop. I. U. S. Lapin. Mashinostroitel' no. 2:7-10 F '68.

The hope of mankind. Mashinostroitel' no. 5:1 My '68.

Hydraulic pressurized branch for dismantling tractor parts. A. A. Orlov. Mekh. stroit. 24 no. 6:24-25 Je '67.

In the Military of the Machine-tool and Cutting-tool industry. Vest. mashinost. 48 no. 2:67 F '68.

Industrial interior. V. A. Glukin. Mashinostroitel' no. 2:21-23 F '68.

Information bulletin of new foreign books, received by the Lenin Library. Series I: Inform. bul. nov. knizh. knig, postup. v BIBL. im. V. I. Len. Ser. 1 no. 13 nos. 26-27 S '68.

Issuing bonuses for technological innovations. Sots. trud. 13 no. 5:142-148 My '68.

Long-range forecasting of scientific and technical progress. S. I. Popovskiy, F. Khyluk. Ekon. Razv. Ukr. 10 no. 4:47-55 Ap '68.

Machine tool construction at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. Kostin. Vest. mashinost. 48 no. 2:84-85 F '68.

Modern design as a historic form of integration of art and technology. I. Gotsenskiy. Tekh. est. 5 no. 3:14-16 My '68.

Modern requirements of product design. G. A. Tarzimanov. Mashinostroitel' no. 2:29-30 F '68.

Muscle and production. I. U. N. Trifonov. Mashinostroitel' no. 2:31-32 F '68.

The nature and characteristics of the scientific and technological revolution. I. U. S. Motashchenko. Vop. filos. 22 no. 7:13-21 '68.

[New foreign books. Series B: Technology] Nov. knizh. rub. Ser. B: Tekh. 12 no. 6 Ag '68.

New helical gear design. I. U. P. Grigor'ev. Mashinostroitel' no. 6:30 My '66.

On the methods of science and technology. Prom. Arm. 10 no. 7:73-74 '68.

Our experience in introducing industrial aesthetics. B. I. Ashkinazi, G. M. Stetslavskii, M. G. Shpanik. Mashinostroitel' no. 2:26-29 F '68.

Perfectioned mechanism. I. K. Emel'yanov. Mashinostroitel' no. 5:37 My '68.

Pneumatic vibration device. P. M. Chernovol. Mashinostroitel' no. 5:30 My '68.

Preparatory course of the Higher Artistic and Technical School and of the Higher Artistic and Technical Institute. L. Martis. Tekh. est. 5 no. 2:31-34 F '68.

Problems of the present-day scientific and technological revolution. Vop. filos. 22 no. 7:25-28 '68.

Production and aesthetics. N. Shekhov. Mashinostroitel' no. 2:3-4 F '68.

Received mail. E. Nurmatov. Tekh. est. 5 no. 2:15 F '68.

A rigid machine tool support. V. V. Kaminskii, E. G. Lomov. Mashinostroitel' no. 5:30-37 My '68.

Scientific basis for industrial design education. A. V. P. Tekh. est. 5 no. 3:20-23 My '68.

Stukharovskii, B. M. [Incentives in industry and economic aspects of socialism. (Problems of theory and practice)] Stimulirovaniye proizvodstva i ekonomika sostaniyama. (Voprosy teorii i praktiki). Moskva, "Ekonomika," 1968. 84 p. (Khoz. reforma [Problems of econ. reform]).

Technology and artistic creation in the modern world. Tekh. est. 5 no. 3:1 My '68.

Technology, art, and design. A. Dorogov. Tekh. est. 5 no. 3:2-3 My '68.

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series A: Natural sciences, medicine, agriculture, technology] Svod. bul. nov. knizh. knig, postup. v bibl. SSSR. Ser. A: Est. nauki, med., sel'. Khaz. tekhn. no. 2 '68.

Vibrations of the motor-body system. S. I. Sinitsin. Vest. mashinost. 48 no. 2:22-21 F '68.

62(479.103)—Communist countries of the world

Industry of the socialist countries: cooperation and progress. A. Ivanov, I. U. Semenov. Mashinostroitel' 15 no. 6:48-67 '68.

62(431)—German Democratic Republic

New devices at the Leipzig Fair. Mashinostroitel' no. 6:32-33 My '68.

62(479.26)—Armenian S. S. R.

News from plants, factories and construction sites. Prom. Arm. 10 no. 7:10-11 '68.

62(62)—Japan

Review of information on the scientific and technological achievements of Japan. L. S. Prudnikov. NTI. Ser. 3 no. 5:36-37 '68.

620.1 Materials testing

Apparatus for testing filling. B. V. Bakholdin. Mekh. stroit. 24 no. 6:17-18 Je '67.

Correlation of manganese and its compounds with the cathodic process during electrolysis. M. A. Sivak, D. P. Zolotarevich. Ukr. khim. zhur. 31 no. 5:581-575 '68.

Device for combined measurements of the breaking load and fiber thickness. G. I. Sheps. Tekh. prom. 28 no. 6:61-62 My '68.

Device for determining the resistance of carbon bodies to snagging. Z. A. Torkunova. Tekst. prom. 28 no. 6:73-75 Je '68.

Device for evaluating the adhesive properties of parentals. I. K. Lukashuk. Avt. dor. 31 no. 3:48-49 My '68.

Efficiency of acceptance control in single sampling. I. K. Bolinov, I. A. P. Lumen'skii. Zav. lab. 34 no. 5:571-578 '68.

Estimating the anisotropy of mechanical material properties. P. G. Mikulay, I. A. B. Fridman, L. I. A. Votzova. Zav. lab. 34 no. 5:591-592 '68.

Fifth international conference on nondestructive testing methods. P. K. Oshchepkov, L. G. Dubitskii. Zav. lab. 34 no. 5:632-634 '68.

[Machinery and instruments for materials testing. (Collected articles from the periodical "Zavodskaya laboratoriya") Mashiny i pribory dlya issledovaniya materialov. (Sbornik nauch. zhurn. "Zavodskaya laboratoriya"). Moskva, "Metallurgiya," 1968. 288 p.

Measurement of the dormant period of response to excitation in microelectrode studies of neurons of the central nervous system. A. N. Pokrovskii. Avtomatika no. 1:116-120 Ja-F '68.

Measuring high and medium values of the tangent of the angle of losses using the coaxial resonator method. A. M. Koksharov. Zav. lab. 34 no. 5:561-562 '68.

Self-recording of strength-deformation diagrams in mechanical material testing. L. A. Bozpal'ko, L. D. Rozenberg. Zav. lab. 34 no. 5:620-621 '68.

Stand for testing plastics for prolonged and momentary loading effect. V. G. Andriyevskii. Zav. lab. 34 no. 5:611-612 '68.

Study of rubber puncturing with a hard indenter. M. M. Raznikovskii, M. S. Dozorisev, V. M. Lipskerov. Khim. i razv. 27 no. 7:60-62 '68.

Ultrasonic detection of flaws in the joints between precast and cast-in-place members of a hydraulic structure. A. M. Filonov, V. B. Safonov. Khim. stroit. 38 no. 7:10-13 Ji '68.

High-speed clamping mechanism. N. I. Evitkhevitsh.
Prom. Bol. 9 no. 6:47 Je '68.

620.16 Suitability, serviceability, quality testing

Carbon graphite materials. V. P. Sosodov, I. I. Farberov, A. S. Fialkov, Khim. i vel. topl., no. 2:4-38 Mr-Apr '78.
Certain regularities of brittle failure. G. V. Zhemchuzhnikov, V. S. Girenko, Avtom. svyaz, 20 no. 4:5-10 Ap '67.

Distribution of longitudinal brittle crackings in cross-section welds. I. P. Trochun, V. M. Proshchuk, I. M. Zil'kova, Avtom. svyaz, 20 no. 4:11-15 Ap '67.

Methods of determining the porosity of hardened cement paste. O. P. Medvedev-Petrov, D. A. Litichuk, Nauch. soob. NITSEmentia no. 21:34-42 '66.

Use the petrographic method for the quality control of clinker. T. V. Kuznetsova, K. L. Soboleva, R. T. Krivoborodov, Nauch. soob. NITSEmentia no. 19:40-44 '65.

620.17 Measurement of mechanical properties. Strength and deformability tests, etc.

Ageev, N. P., and S. I. Karashin. [Mechanical testing of metals at high temperatures and brief application of stress] Mekhanicheskie ispytaniya metallov pri vysokikh temperaturakh i kratkovremennom nagruzhenii. Moskva, "Metallurgiya," 1986. 280 p.

Application of microhardness methods to the study of the effect of radiation on prestressed areas of a crystal. B. G. Strelkov, A. A. Shpunt, O. A. Nabinovskaya, Zav. lab. 34 no. 5:507-508 '68.

Certain problems in determining dynamic stresses and endurance of rolling-mill main lines. A. N. Kozhevnikov, V. I. Bol'shakov, Trudy Dnepr. inst. cher. met. 27:116 '67.

Compressive resistance of brittle, porous materials in uniaxial tension. I. I. Cherkasov and others. Osv. i fund. i mekhaniz. 9 no. 8:10-11 '67.

Conditional and physical yield point. M. P. Markovets, Metalloved. i term. obr. mot. no. 4:67-68 Ap '68.

Deformability of certain high-melting metals. V. M. Izolov, A. V. Krupin, I. M. Pavlov, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:54-58 '68.

Dependence of the adhesive strength of gluing compounds on the tention concentration in specimens. A. S. Freidlit and others. Plast. massy no. 3:57-61 '68.

Determining the cyclic plasticity in programmed load and temperature changes. V. A. Strizhalo, D. P. Shtavitski, Zav. lab. 34 no. 5:589-590 '68.

Determining the porosity of refractory materials without destruction. A. T. Balink, G. M. Lavrukevich, V. N. "Nauch. Otkrytiya" 33 no. 1:8-11 Ap '69.

Determining the strength of an electrophoretic deposit. A. T. Kavorin and others, Zav. lab. 34 no. 6:605-605 '68.

Determining the strength of tool steel. I. U. E. Sedov, I. U. A. Gellor, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:117-121 '68.

Device for estimating the breaking strength of building materials. A. P. Parfenov, V. E. Zelenitski, V. E. Gorokhov, Stroitel. 13 no. 7:34-35 Ji '67.

Effect of oxidation of short-term overlappings on contact endurance of improved steels. D. N. Reutov, I. K. Gaidich, Vest. mashinost. 48 no. 2:1-16 F '68.

Effect of silicic acid on the impact toughness of low-alloy steel at subfreezing temperatures. L. L. Platinova, L. M. Kuznetsova, V. A. Nikolskaya, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:120-124 '68.

Effect of ultrasonic vibrations on the yield limit in metals during cold extrusion. V. P. Severdakov, V. A. Labunov, Dokl. AN SSSR 12 no. 7:614-617 Ji '68.

Elastic deformation of work rolls during the cold rolling of pipe. K. M. Bil'din, I. U. F. Shevkin, TSvet. met. 41 no. 5:78-80 My '68.

Electroinductive control during fatigue tests. A. V. Markovitch, Zav. lab. 34 no. 6:604 '68.

Estimating the properties of 36GS steel following thermomechanical treatment. M. V. Pridantsov, E. M. Kotik, P. P. Kosholov, Zav. lab. 36 no. 6:603-605 '68.

Evaluation of particle adhesion. A. D. Zimen, Koll. zhur. 24 no. 6:683-685 N-D '67.

Experience in the use of nondestructive methods for checking metal structure and mechanical properties of metal. D. K. Kan, Energetik 16 no. 7:16-17 Je '68.

High strain gauges with high capacity transformers. A. A. Dolinskii, S. N. Kurochkin, Trudy SotuzMORNIProekt no. 19:16-20 '68.

Influence of stress concentration on chemical properties of titanium and its alloys at low temperatures. S. I. Gudkov, D. V. Lobodov, B. M. Ovsianikov, Metalloved. i term. obr. mot. no. 4:25-27 Ap '68.

Influence of the preforming heating temperature on the plasticity, structure, and mechanical properties of 3Kh13 steel. M. P. Braun, L. G. Mar'ushkin, M. A. Akulinn. Metalloved. i term. obr. mot. no. 4:71-72 Ap '68.

Installation for studying external friction and materials wear under extrametal conditions. A. A. Arlamonov, I. U. G. Tkachenko, Zav. lab. 34 no. 6:609-610 '68.

Installation for studying stress relaxation at a variable temperature. V. A. Vinokurov, V. V. Nikolaev, Zav. lab. 34 no. 6:607-608 '68.

Interaction of alumina with carbon at high temperatures. V. P. Elufin and others, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:5-10 '68.

Low carbon high-strength structural steel containing a high amount of manganese. I. V. Palsov, L. G. Shoyakov, Metalloved. i term. obr. mot. no. 4:66-67 Ap '68.

Measuring possibilities of ailing transformers. A. P. Severov, Trudy SotuzMORNIProekt no. 10:71-75 '68.

Measuring strains inside a blank during transverse forging with the help of a strain gauge. V. P. Severdenko, B. A. Kaledin, Dokl. AN SSSR 12 no. 6:510-512 Je '68.

Mechanical properties of austenitic steel welds at 20-280°C. V. A. Il'ichev and others, Metalloved. i term. obr. mot. no. 4:23-24 Ap '68.

Method of measuring the hardness of materials in the ultrasonic field. V. I. Girenko, F. K. Gorskii, Prom. Bol. 9 no. 6:23-30 Je '66.

Methods of measuring by electroviscometric methods the elastic-plastic deformation in zones with a high stress gradient. A. B. Zlochevskii, Zav. lab. 34 no. 5:584-588 '68.

Minin, A. D., and V. A. Faleev. [Using radioengineering methods for automating the quality control of building materials] Avtomatizatsiya kontrolya kachestva stroitel'nykh izdelii radioelektronicheskimi metodami. Leningrad, 1967. 21 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Stroitel. materialy i konstruktsii").

Model of an ideally stochastic solid. E. G. Kononov, V. A. Kulchikov, V. I. Molochko, Dokl. AN SSSR 12 no. 7:618-619 Ji '68.

Numerical method of determining deformation during upsetting. I. V. Kerskii, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:28-31 '68.

Optimum conditions for increasing wear resistance of machine parts by turning and burnishing. P. G. Alekseev, Vest. mashinost. 48 no. 2:54-57 F '68.

Parametric stabilization of statistical characteristics of a random load in fatigue tests. L. I. Vozniuk, V. G. Tatali, Vest. mashinost. 48 no. 2:11-11 F '68.

Prestrained cylindrical strain gauge. A. A. Dolinskii, I. U. F. Shevkin, E. I. Bedrizov, Trudy SotuzMORNIProekt no. 19:20-21 '68.

Principles of the simultaneous evaluation of reliability and durability of machines and apparatus. B. N. Trefor, Dokl. AN SSSR 12 no. 6:617-621 Je '68.

Relation between the hardness according to Vickers and the strength limit during rupture. I. U. A. Kisolev, Zav. lab. 34 no. 6:588-597 '68.

Selection of mechanical tests in the control of welded joints. T. A. Vashnitskii, V. M. Lozinskii, Zav. lab. 34 no. 6:593-595 '68.

Self-balancing loading device for testing concrete samples for axial tension. A. F. Zelenkova, Stroitel. 13 no. 7:35-36 Ji '67.

Short-period creep of chromium stainless steels. Y. A. S. Ginzburg, A. I. Ginzburg, A. G. Dobrov, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:122-123 '68.

Stability of hardened strain-hardened austenites after low-temperature mechanical treatment. O. A. Prokoshkin, A. G. Vasil'ova, B. A. Prusakov, Metalloved. i term. obr. mot. no. 4:64-68 Ap '68.

Strength of structural elements of the SPSH-200 roller mill drill in carrying out auxiliary operations. E. A. Podkiyakov and others, Trudy Svor. gor. inst. no. 40: 43-47 '67.

Structure and mechanical properties of silicon-free chromium-manganese iron. G. M. Chubinda, F. N. Tavazdo, Metalloved. i term. obr. mot. no. 4:55-59 Ap '68.

Studying the shear strength of concrete along construction joints of dams. I. A. Uvarov, I. P. Proektin, Otd. stroit. 38 no. 7:23-26 Ji '68.

Thermal stabilization of the mechanical properties of welded joints of axial alloys. S. N. Kisolev and others, Avtom. svyaz, 21 no. 5:31-37 My '68.

Using different modularly models for the study of stressed state. I. U. M. Matveev, V. G. Andreev, Zav. lab. 34 no. 5:604-605 '68.

Using NaCl crystals as a standard hardness measure. P. G. Strelkov, A. A. Shpunt, O. A. Nabinovskaya, Zav. lab. 34 no. 5:599-601 '68.

Using the method of refracted waves in the acoustic testing of marine hydraulic engineering structures. V. M. Buelov, Trudy SotuzMORNIProekt no. 17:81-84 '67.

620.18 Investigation of structure. Metallography. Equivalent study of nonmetals

Automatic blowthrough of boilers. V. K. Gaidik, Khim. i term. prom. 13 no. 6:24 Je '68.

Behavior of sulfur in cast iron during its treatment with magnetism. V. P. Pavlov, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:135-141 '68.

Certain regularities of crystallization and the structure of an ingot produced by electron beam smelting. V. M. Ushakov and others, Stvor. irod. TSNIICHM no. 50:80-87 '67.

Complex methods of studying deformed state with the use of the X-ray examination method. I. M. Chizhikov, S. E. Kondratyev, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 6:112-115 '68.

Connection between defects in crystal structure and the hardening of Fe-Co alloys during deformation. G. M. Vorob'ev, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:103-107 '68.

Determining the movement of magnetization in the domain boundary in thin ferromagnetic films. V. I. Petrov, N. N. Sedov, G. V. Spivak, Izv. AN SSSR, Ser. fiz. 32 no. 7:1185-1191 Ji '68.

Direct electron-microscopic study of the fine structure and deformation mechanism in ring spherulites of polyethylene. B. S. Kasatkina, V. D. Grishuk, A. L. Gaidarenko, Dokl. AN SSSR 130 no. 8:1344-1348 Je '68.

Distribution and forms of existence of hydrogen in cast iron. L. I. Levi and others, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 7:146-150 '68.

Domain structure of barium titanate films in the rhombo phase. V. V. Shakhmatov, G. V. Spivak, Izv. AN SSSR, Ser. fiz. 32 no. 7:1204-1205 Ji '68.

Effect of aluminum on scale resistance and structural state of chromium-manganese steel. P. E. Nizel'skii, M. D. Pilyuk, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 6:126-128 '68.

Effect of cold deformation on the structure and properties of the V7T5 alloy. I. I. Novikov and others, TSvet. met. 41 no. 5:83-85 My '68.

Effect of conditions of cold rolling on the texture and magnetic properties of silicon steel. S. N. Rabinovich, G. M. Vorob'ev, N. M. Chukov, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 6:116-121 '68.

Electrical staining of microinhomogeneities and of p-n transitions in silicon at optical and electron microscopic levels. E. V. Blinikova-Viazovskaya and others, Izv. AN SSSR, Ser. fiz. 32 no. 7:1247-1251 Ji '68.

Electron microscopic investigation of the substructure of austenite after tractional hot deformation. I. A. Vintkov, I. M. Ulevskii, Izv. AN SSSR, Ser. fiz. 32 no. 7:1269-1274 Ji '68.

Electron microscopic study of ultrathin cuts on magnetic tapes. N. K. Iakubov, Izv. AN SSSR, Ser. fiz. 32 no. 7:1265-1270 Ji '68.

Electron microscopy in the study of the structure of austenite in the Fe-Ni-Ti alloy following precipitation hardening and aging. A. I. Kovalev, L. M. Ulevskii, Fiz. i khim. obr. mat. no. 2:60-71 Mr-Apr '68.

Influence of the preforming heating temperature on the plasticity, structure, and mechanical properties of 3Kh13 steel. M. P. Braun, L. G. Mar'ushkin, M. A. Akulinn. Metalloved. i term. obr. mot. no. 4:71-72 Ap '68.

Interaction of dislocations and its characteristics appearing in electron microscopic investigations of thin foils. A. A. Prokoshkin and others, Izv. AN SSSR, Ser. fiz. 32 no. 7:1232-1241 Ji '68.

Knudsen of the isothermal dissolution of austenite in cast nickel steel. E. N. Pogrebnik and others, Metalloved. i term. obr. mot. no. 4:7-9 Ap '68.

Machine biology. (Automation of microscopic studies). G. M. Frank, Vest. AN SSSR 38 no. 3:24-30 Mr '68.

Nonuniformity of deformation and the structure of ferrite and austenite during the rolling of two-phase steel. V. S. Berkovskii and others, Fiz. i khim. obr. mat. no. 2:43-47 Mr-Apr '68.

Phase composition of diffusion layers during the surface saturation of steel with rare earth metals. N. N. Popova and others, Metalloved. i term. obr. mot. no. 4:74-76 Ap '68.

Role of crystal transport in the diminution of aluminum structure by low-frequency vibration. D. L. Leichkin, N. V. Mikhailov, P. A. Reindor, Dokl. AN SSSR, 179 no. 6:1314-1317 Ap '68.

Styloscopic electron microscopy. G. V. Spivak and others, Izv. AN SSSR, Ser. fiz. 32 no. 7:1098-1101 Ji '68.

Structural changes in stainless austenitic steel depending on temperature and degree of deformation. V. I. Grigor'kin and others, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 6:122-125 '68.

Structural changes in the decay of a solid solution in an Al alloy with 10% by weight of zinc. M. I. Zakharova, N. A. Khatunova, Izv. AN SSSR, Ser. fiz. 32 no. 7:1257-1261 Ji '68.

Structure and mechanical properties of silicon-free chromium-manganese iron. G. M. Chubinda, F. N. Tavazdo, Metalloved. i term. obr. mot. no. 4:55-59 Ap '68.

Structure and some properties of thin films of tin chalcogenides. O. I. Mykolachuk and others, Ukr. fiz. zhur. 13 no. 4:684-688 Ap '68.

Structure formation during steel heating up to the critical range. I. E. Pan'alin, V. P. Bondarenko, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 6:143-145 '68.

Structure of iron and 1Kh18N9T steel following ultrasonic heating in vacuum. I. U. F. Balalaev, Fiz. i khim. obr. mat. no. 2:119-121 Mr-Apr '68.

Studying isolation processes in the N36Kh7TU alloy. V. F. Sukhovarov and others, Metalloved. i term. obr. mot. no. 4:47-49 Ap '68.

Studying structural imperfections in metals by autoradiography of high resolving power. S. Z. Dokshin and others, Dokl. AN SSSR, 179 no. 6:1309-1310 Ap '68.

Studying the size and distribution of lead inclusions in cast LC63-3 brass. A. M. Kala, M. V. Pukhov, R. A. Bakhtiarov, TSvet. met. 41 no. 5:81-83 My '68.

Target type X-ray diffraction analysis of microstructures in a standard chamber. S. A. Pikulin, S. M. Oloshnevich, Zav. lab. 34 no. 5:554-556 '68.

Ultrasonic flowmeter. F. D. Trolan, Prom. Bol. 9 no. 6:25-27 Je '68.

Viscosity and mineralogical composition of natural fluo- containing high-magnesia slag. N. I. Zhilo and others, Izv. vyz. ucheb. zav.; Chern. met. 11 no. 6:30-34 '68.

Visualization of the domain structure of triglycine sulfate on the electron microscopic level. G. I. Distler and others, Izv. AN SSSR, Ser. fiz. 32 no. 7:1252-1256 Ji '68.

620.19 Defects and deterioration in materials. Corrosion and erosion

[Anticorrosive coatings of rolled metal. (List of patents of England, West Germany, United States, France, Japan)] Antikorroziivnye pokrytiya prokatsnogo metalia. (Perechen' patentov Anglii, FRG, SSHA, Frantsii, Japonii). Kiev, 1967. 58 p.

Application of anticorrosion mastics. I. E. Putinaev, A. D. Denilov, V. A. Shestakov, Mekh. stroit. no. 10:10-11 O '66.

Automatic device for measuring the partial pressure of the components of an aggressive gas mixture. R. S. Timchenko, N. E. Mal'nev, V. M. Skolozub, Prib. i stat. upr. no. 3:62-63 Mr '68.

620.10 (Continued)

- Tests of leather shoe grading by defects in the external appearance. A. V. Pavlin, I. A. Kozlov. Izv. vys. ucheb. zav., tekhn. prog., no. 3:109-115 '68.
- Cavitation resistance of white chromium cast iron. L. I. Levi and others. Vest. mashinost., 48 no. 2:65-67 '68.
- Chemical cleaning of heat exchangers manufactured from copper alloys. B. K. Gromskii, A. S. Shcherbinin. Khergetik, 18 no. 7:27-28 '68.
- The collimation-spectrometry method in gamma-detectors. P. L. Gruzina, L. I. Kosarev. Zav. lab., 34 no. 5:546-548 '68.
- Corrosion testing of a number of polymers. A. Shakhrazarian, A. Sharnin, N. Altan. Prom. Arm., 10 no. 7:27-29 '68.
- Defects in pipe skelp. R. A. Mashkovtsev, O. P. Nosenko. Nauch. trudy DMI, no. 52:142-145 '67.
- Determining the parameters of deep grounding electrodes of anti-corrosion units. A. A. Spirin and others. Za tekhn. prog., 8 no. 5:16-18 '68.
- Effect of conditions of heating for hardening and quenching on the mechanical properties of steels 40 and 20Kh. N. N. Lipshin, L. A. Efimova. Izv. vys. ucheb. zav., chern. met., 11 no. 6:12-13 '68.
- Effect of the concentration of chlorides and oxygen in the water on corrosion cracking of austenitic stainless steel. V. V. Gerastimov, A. I. Gromova, A. A. Sablin. Teploenergetika, 15 no. 6:40-41 '68.
- Effect of the conditions of cooling of high strength converter ingots on high strength reinforcement steel, on reducing defects because of end cracks. I. E. Haimin and others. Izv. vys. ucheb. zav., chern. met., 11 no. 6:132-134 '68.
- Effect of temperature on the electrochemical behavior of aluminum and its alloys in hard and soft sea water. M. S. Trilov, G. M. Akimov, S. A. Lognova. Za tekhn. prog., 8 no. 7:33-35 '68.
- Effect of the salt content of soil on the polarization characteristics of steel. M. F. Shuglov. Za tekhn. prog., 8 no. 7:27-30 '68.
- Eliminating the damage to synthetic fibers in the process of production. L. A. Luvitska. Tekst. prom., 28 no. 6:21-23 '68.
- Fatigue defects in the track frame of a passenger train electric locomotive. M. P. Pakhomov, I. S. Nikiforov. Nauch. trudy OIMT, 69:66-94 '67.
- Film coating and increasing the durability of structures. A. S. Kobels. Trudy Soluz-MorNIProekt, no. 17:112-114 '67.
- Interaction of refractaria with scale and oxidizing steel. N. V. Pituk, T. A. Anan'eva. Khimproy, 33 no. 4:23-28 '68.
- Investigating the reaction diffusion in metal - complex gas systems. Part I: Analysis of thermodynamic equilibrium conditions. V. N. Konev, R. A. Levina. Uch. zap. IrGU, no. 50:132-135 '68.
- Local states and the delay effects. V. I. Sagakov. Opt. i spekt., 24 no. 4:477-488 '68.
- Method of producing cavitation in a stationary volume of liquid. S. P. Kozlov. Zav. lab., 34 no. 6:601-602 '68.
- Methods for determining the carbide inhomogeneity of high-speed steel. G. A. Khasin, V. G. Chikina, T. N. Popova. Zav. lab., 34 no. 6:552-554 '68.
- Microstructure and mechanical properties of furnace and air seals. U. V. Goncharov. Nauch. trudy DMI, no. 52:203-220 '67.
- Model cavitation tests of bottom outlet tailer gates at the Krasnyyarsk Hydroelectric Power Station. U. A. Chirina. Khim. svetl., 37 no. 8:23-26 '67.
- Once more about the regulation of the driver's training. L. Kononko. Avt. transp., 46 no. 2:50 '68.
- Plastic coatings for the protection of underground communications. K. A. Aliev, I. N. Bahramova. Azerb. nef. khoz., 47 no. 6:41-42 '68.
- Polymer materials in hydraulic engineering structures. V. V. Shil'nikov. Trudy Soluz-MorNIProekt, no. 17:114-117 '67.
- Protection of pipelines against wear during the conveying of solid materials. A. V. Ustin, L. A. Arkhipova. Trudy IGD(Sverd.), no. 15:127-141 '67.
- Protection of reinforcement against corrosion in light-weight concrete. S. H. Alekseev, V. F. Stepanov. Bet. i bet. bet., 14 no. 5:26-28 '68.
- Study of the acoustic tract of an oblique probe in ultrasonic defectoscopy. I. N. Ermolov. Zav. lab., 34 no. 5:643-646 '68.
- Studying the electric parameters of steel pot-cum pipe lines used as communication channels. I. A. Kuliev, R. Z. Khasimov. Izv. vys. ucheb. zav., nef. i gaz, 11 no. 2:71-74 '68.
- Studying general corrosion conditions of extended underground pot-cum pipelines in somali regions. A. A. Gira, A. A. Spirin. Izv. vys. ucheb. zav., nef. i gaz, 11 no. 3:80-84 '68.
- Studying the inhibiting action of some aromatic sulfides. F. I. Gassanov and others. Azerb. nef. khoz., 47 no. 8:30-40 '68.
- Using enamel coatings for the protection of marine piping. A. I. Kozlovskii. Trudy Soluz-MorNIProekt, no. 17:50-51 '67.

620.2 Commercial materials, wares (quality, workmanship, etc.)

820.2(471.62)—Krasnodar Territory

Krasnodar Territory production for foreign trade.

M. Chervyashov. Vneshtorg., 46 no. 10:23-25 '68.

620.4 Power stations

First results, first problems. M. Bremer. Zhil. i kom. khoz., 18 no. 2:7 '68.

620.9 General economics of energy

Improving the indices of power management of a chemical enterprise having adopted the use of general-purpose computers. Sh. S. Dzhangirov, B. I. Samoilovich, T. A. Aliev. Za tekhn. prog., 6 no. 5:9-11 '68.

621 Mechanical and electrical engineering. Machinery

- Approximation of the objects of control by aperiodical second order members. A. S. Ruzhentsov. Izv. vys. ucheb. zav., tekhn. prog., no. 1:149-151 '68.
- Calculation and planning of hard transmission to appliances. V. V. Chislosov. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 8:145-146 '67.
- Determination of flywheel masses and of the power of electric drive for some shock-action machines. Report No. 1. G. A. Shvartsman. Izv. vys. ucheb. zav., tekhn. prog., no. 1:121-131 '68.
- Determining estimated labor input norms for products in designing shops with universal equipment. K. 2. Khasanov. Vest. mashinost., 48 no. 2:60-62 '68.
- Determining time periods needed for developing technological documentation for assembling work in machinery construction. V. P. Zemanin. Vest. mashinost., 48 no. 2:82-84 '68.
- Determining the length of thread on the beam roll. I. A. Kuchavin. Tekst. prom., 28 no. 5:47-49 '68.
- Distribution of tears of the well thread over the width of the threading area of a loom. I. P. Blinov, V. A. Gordeev. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 6:73-78 '67.
- Effect of some factors on the wear of shuttles of high-speed sewing machines. V. V. Roshch, V. V. Siniavskiy. Izv. vys. ucheb. zav., tekhn. prog., no. 3:150-154 '68.
- Effect of the duration of the resting contact on the wear of friction pairs. I. M. Sadykov, M. I. Khudykh. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 6:134-137 '67.
- Effect of uneven stretching of worsted warp yarn on STB-2-330 looms and its bearing in the process of weaving. T. F. Speranskaya, S. G. Gorkavskiy. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 6:79-83 '67.
- Establishing norms for the working capital of industrial enterprises. G. Salrai. Fin. SSSR, 42 no. 7:30-37 '68.
- Estimating the cost of operating machinery used by municipal management. A. Zvezdov. Zhil. i kom. khoz., 18 no. 2:20-21 '68.
- Exhibits of achievements in Ukrainian machine building. G. I. Poguchko, V. P. Siedko. Mashinostroi, no. 5:42-45 '68.
- For the chemical industry of the Democratic Republic of Georgia. B. Loginov. Vneshtorg., 46 no. 9:51 '68.
- Generalized method for the calculation of energetic characteristics of multi-effect evaporators. G. N. Kostenko, T. M. Popova. Izv. vys. ucheb. zav., tekhn. tekst. no. 2:113-116 '68.
- Improving operating conditions for papermaking machinery. K. N. Mazimov. Dni. prom., no. 7:14 '68.
- Machines for cutting soft fluff containing raw material. A. Manderzhievskiy. Mas. ind. SSSR, 39 no. 6:30-31 '68.
- Machinery and technology of the production of knit underwear. S. V. Babitskiy, L. G. Sinitina. Tekst. prom., 28 no. 5:32-35 '68.
- Machinery needed for the production of knit underwear products. S. V. Babitskiy, N. A. Golovanova. Tekst. prom., 28 no. 5:44-47 '68.
- Mechanization of the sheet board impregnation process. A. A. Ravevskiy. Dni. prom., no. 7:13 '68.
- Mechanized paper storage. Dni. prom., no. 7:10-16 '68.
- Mechanology of comparative testing of cinemaking, emulsifying, and packing machines. G. A. Zhdanovich, V. D. Emel'tyanov, L. L. Gelfgar. Trudy NIIV "Mashgostek" 35:43-20 '67.
- Modern looms ITMA-871. M. A. Onkov. Tekst. prom., 28 no. 6:80-82 '68.
- Now universal automatic brake for the wearing beams. U. F. Erokhin. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 8:84-89 '67.
- Performance of a flexible roller. V. M. Spitsin. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 6:138-141 '67.
- Polyamide runners of spinning and twisting machinery. S. L. Dlinova, N. T. Nysen'ko. Tekst. prom., 28 no. 5:17-18 '68.
- Practice in the use of 5-17 diffusers. V. M. Porovozov. Sakh. prom., 42 no. 1:43 '68.
- Pressure-booms with a convex surface decreasing thread breakage during spinning. S. V. Sokolov. Tekst. prom., 28 no. 6:20-23 '68.
- Principles of the simultaneous evaluation of reliability and durability of machines and apparatus. B. N. Trelov. Dni. SSSR, 42 no. 6:67-621 '68.
- Problems of technological progress and the organization of production in the machinery industry. I. I. Zhurav. Vop. tekhn. prog. i org. prozv. v mashinost. no. 8 '68. Predmetnyi khatatol' za 1967 g.
- Processing of synthetic staple fibers on equipment of the cotton-spinning type. A. M. Vanchikov. Tekst. prom., 28 no. 6:31-35 '68.
- Protection of drawings by a liquid film in a copybook setup. P. I. Dmitriev. Vest. mashinost., 48 no. 2:84 '68.
- Shvets, I. T., and M. F. Kirakova. Fundamental of mechanical engineering. Osnovy mashinostroyeniya. Vyd. 2-e, dop. i pererab. Kyiv, "Rad. shkola," 1967. 427 p.
- Some characteristics of the use of ebontlo and ebontlo-like materials in valves. Z. D. Orlov, O. M. Kochanov, D. B. Dobrushkin. Nauch. i rez., 27 no. 7:38-41 '68.
- Soviet equipment in Paris. N. Okonechnikov. Vneshtorg., 46 no. 8:36-37 '68.

- Soviet equipment on the markets of African countries. I. Andreev. Vneshtorg., 46 no. 10:7-9 '68.
- Study of hydrodynamic processes in the peripheral chamber of separators. I. U. P. Ivin, V. I. Sushchik. Sakh. prom., 42 no. 6:63-65 '68.
- Studying the parameters of the technological process of weaving on shuttles STB-2-330 looms. A. V. Kulligin. Izv. vys. ucheb. zav., tekhn. tekst. prom., no. 6:60-72 '67.
- Taking into consideration the quantity and quality of norms. A. Gal'tsov. Sots. trud., 13 no. 5:16-18 '68.
- Tenders for equipment. A. Zmeev. Vneshtorg., 46 no. 10:27-30 '68.
- Textile machinery at the 5th International Exhibition in Basel. P. I. Aristov. Tekst. prom., 28 no. 5:72-77 '68.
- Use of production equipment in the enterprises of machinery industry ministries. Vses. sta., no. 7:88-98 '68.
- Wool spinning machinery. D. M. Stetsovich. Tekst. prom., 28 no. 5:77-81 '68.

621(433)—Federal Republic of Germany

Competitive struggle of machinery manufacturing production in the Federal Republic of Germany. M. I. Ch. skit. Vneshtorg., 46 no. 9:53-55 '68.

621(4/8.104)—Capitalist countries of the world

Specialization in machinery manufacturing and international trade in machinery and equipment. A. K. Rillov. Vneshtorg., 46 no. 10:35-51 '68.

621(41)—United Kingdom and Northern Ireland

Designing and competitiveness. A. Khachaturov. Vneshtorg., 46 no. 10:40-42 '68.

621(471.232)—Leningrad City

Scientific organization of labor in a workshop. A. Domashko. Sov. protokoly, 24 no. 12:12-13 '68.

621(471.310)—Moscow City

New types of serrate belts for the rollers of cotton carding machines. Z. S. Pervukhina, A. B. Aikhanova. Tekst. prom., 28 no. 5:23 '68.

Practice in operating STB-2-330 looms. I. M. Pashchenko. N. G. G. Tumanov. Tekst. prom., 28 no. 6:40-41 '68.

621(471.314)—Vladimir Province

How to modernize the RK-160 winding machine. G. S. Kalashnikov. Tekst. prom., 28 no. 5:23-25 '68.

621(471.315)—Ivanovo Province

Performance of the PK-100 spinning and twisting machines. V. F. Larin, B. A. Volkov. Tekst. prom., 28 no. 5:18-20 '68.

621(471.323)—Kuzek Province

In the trade union group of Tamara Kankelshera. A. Zimina. Sov. protokoly, 24 no. 11:10-12 '68.

621(476)—White Russian S. S. R.

Economic efficiency resulting from increased reliability of automated equipment. L. G. Brum, Prom. Dni, no. 6:6-7 '68.

Establishing work norms for hourly workers. M. Korotkiy, A. Krik, N. Kuznetsova. Sots. trud., 13 no. 5:125-134 '68.

621(477)—Ukrainian S. S. R.

Continuous operation planning for the marketing of products. N. Piliptukh. Fin. SSSR, 42 no. 7:43-46 '68.

Increase in reft leakages on automatic looms. M. A. Pankratov. Tekst. prom., 28 no. 6:42-43 '68.

Norm research work in a plant. E. Sobolev. Sots. trud., 13 no. 2:109-116 '68.

Universal thermal unit. G. Bolanov and others. Mash. ind. SSSR, 39 no. 6:8-9 '68.

621(477.6)—Donets Basin

A party group of shift. I. Shchekolov. Part. zhizn', no. 44-45 '68.

621.00 Machinery details

Determining the optimum life of machines allowing for their reliability. (R. D. Tarshis, N. M. Zorjkin, Vest. mashinost., 48 no. 2:74-77 '68.

621.003 Valve gear parts. Valve motion

Valve converters on thyristors for electric driving of rotary drills. N. K. Kotov. Trudy Sver. gr. inst., no. 49:48-55 '67.

621.004 Form and shape of products

Effect of wire orientation on the mechanical properties of mesh for reinforced materials. L. R. Botvina and others. Fiz. i khim. obr. nat., no. 2:127-131 '68.

Studying by the method of secondary ion-ion emission the composition of the surface layer in components of a nickel-copper bimetal. A. D. Abramovskiy and others. Fiz. i khim. obr. nat., no. 2:111-116 '68.

- 621.008 Operation control and regulation
Determining number of adjusters with the aid of the queueing theory. V. Lapshik, M. Stukhinov. *Sets, trudy*, 13 no. 2:117-125 P '68.
- 621.007 Servicing, maintenance, assembly, protection and safety devices
621.007(471.232)—Leningrad City
Task assignment for the repair of equipment. P. Ivinskii. *Sets, trudy*, 13 no. 5:135-137 My '68.
- 621.007(471.61)—Rostov Province
Way to determine the number of filters repairing dies and attachments. S. Osher. *Sets, trudy*, 13 no. 6:121-124 P '68.
- 621.01 Mechanical engineering theory and principles. Design and construction of machinery
[Collection of articles on design and research costs in construction] *Sbornik state na proektirovaniye i issledovaniye* valny dlya stroitel'stva. Lzd. of the Moscow, Stroyizdat. Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochnykh chertezhech. Izd. 13. [Machinery industry] Mashinostroitel'naya promyshlennost'. Uiv. 28/III 1967 p. 1967, 8 p.
- Grachey, B. V., and V. P. Varlamov. [Automatic control in drilling and exploiting of wells] Avtomaticheskii kontrol' v skvazinnikh pri khoronit i eksploatatsii. 2-e izd., ispr. i dop. Moskva, "Mekh.," 1968. 327 p.
- [Materials in machinery manufacture. Selection and use. Handbook. In 5 volumes] Materialy v mashinostroenii. Vybór i primeneniye. Spravochnik. V 5-ti t. Pod obshch. red. I. V. Kuchavskoy. Moskva, "Mashinostroitel'noe," 1967. 304 p.
- 621.01 Theory, principles and practice of automation. Automatic control
Abramov, F. A., and V. A. Bolko. [Automation in mine ventilation. (Theoretical principles and technical means)] Avtomatizatsiya privoizvanniya slukht. (Teoret. osnovy i tekhn. sredstva). Kiev, "Naukova dumka," 1967. 310 p.
- Analysis of the system for controlling semiautomatic and automatic machinery of the drilling industry. S. I. Polynov, N. V. Samarkov, I. I. Kapustin. *Svein. prom.* no. 3:16-19 My-Je '68.
- [Automatic control and computer technology] Avtomaticheskoye upravleniye i vychislitel'naya tekhnika. Moskva, "Mashinostroitel'noe," 1968. 304 p.
- Vyp. 9. [Optimization of control systems] Optimizatsiya sistem upravleniya. 1968. 364 p.
- Automatic control of the blast-furnace process with the help of computer control; experimental diagram. V. N. Timokhin and others. *Sborn. nauch. trudy VNIIMT* no. 14: 220-228 '68.
- Automatic control of the equipment for the preparation of clay waste. I. N. Vasil'kov. *Otkrytiya* 33 no. 4: 19-19 Ap '68.
- [Automatic control, remote control, and computer technology] Ref. zhur.: *Avtom. i telemekh. i vych. tekhn.* no. 9 p '68.
- Automatic control system for operational conditions of Pilgrim mill feeding mechanisms. A. V. Prudnikov and others. *Trudy Dnepr. inst. cher. met.* 27:176-180 '67.
- Automatic measurement of the coefficients of characteristic equations of linearized objects using an adaptive model. A. O. Egorshin. *Avtomatika* no. 1:26-31 Ja-F '68.
- Automatic system for roll setpoint. N. V. Pasochnyi, Zh. A. Rotenberg, N. N. Sofomolochka. *Trudy Dnepr. inst. cher. met.* 27:160-175 '67.
- Automated construction work. A. A. Izmailov. *Mekh. stroit.* 25 no. 7:2-3, 11 '68.
- Automation and control of inclined screw-type S-17 diffusers. I. N. Karyevskaya. *Sakh. prom.* 42 no. 1: 31-37 Ja '68.
- [Automation in ship handling] Avtomatizatsiya sudovozhdeniya. Moskva, "Transport," 1967. 304 p.
- Automation of the fodder yeast growing process. A. I. Polov, I. S. Pashorina. *Gidroliz. i leasodim. prom.* 21 no. 3:31 '68.
- Automatized feed distribution. B. Nazarov. *Tekhn. v sol'khov.* 28 no. 6:29-31 '68.
- Basic regularities of the unsteady process of reduction in a counterflow. B. A. Bokovikov. *Sborn. nauch. trudy VNIIMT* no. 14:38-58 '68.
- Blending of cotton by means of automatic bale-loosening units. M. P. Medkova. *Tekst. prom.* 28 no. 5:15-17 My '68.
- Certain problems in the dynamics of the driving mechanism of E89-16 walking excavators. I. P. Marasov. *Trudy Svor. gor. inst.* no. 49:5-11 '67.
- Characteristics of the transfer functions of a controlling device. P. V. Nadezhdin. *Avtom. i telemekh.* no. 5:35-45 My '68.
- Classification of methods for the regulation of rolling processes, and ways for the automation of continuous high-acidification mills. S. D. Grinberg, O. N. Kukul'skikh, I. P. Karpinski. *Trudy Dnepr. inst. cher. met.* 27: 60-69 '67.
- Conditions of stability of a diffusion system with nonlinear feedback. P. K. S. Yang. *Avtom. i telemekh.* no. 5: 10-23 My '68.
- Conference on the automation of technical processes in food chemistry. *Gidroliz. i leasodim. prom.* 21 no. 3: 2-3 '68.
- Construction of switching characteristics using the sum of functions series. I. I. Akhmetgaleev. *Trudy KAI* no. 75:73-77 '67.
- Conversion of continuous information to discrete information by the representation of a variable by a numerical series. M. V. Kadzharov. *Sborn. AN Gruz. SSR* 47 no. 3:675-680 '67.
- Cybernetics of today and tomorrow. E. P. Popov. *Radio* no. 5:6-9 My '68.
- Determination of influence functions for the calculation of improving variations of control functions and parameters of dynamic systems with discontinuous right parts. O. O. Mel'nik. *Avtom. i telemekh.* no. 5:24-34 My '68.
- Economic significance of optimizing the fuel and power balance in metallurgical plants. V. A. Romanets, A. A. Fedotov, K. I. Perlov. *Izv. vye. ucheb. zav.; chem. met.* 11 no. 7:176-182 '68.
- Effect of quadrature winding of a transducer on the errors of a self-sensory transformer system. R. K. Panfilov. *Elektricheskoye* no. 6:37-45 Je '68.
- Electronic analog for studying an automatic control system of unflow wire drawing machines. M. V. Bogdanov, V. M. Pasyutikov. *Izv. AN Kazakh. SSR, Ser. fiz.-mat. na.* 6:21-26 N-11 '67.
- Electronic modeling of certain regulators. E. V. Prokof'ev, V. M. Arashinskiy. *Trudy Svor. gor. inst.* no. 49:105-116 '67.
- Electronic modeling of the automatic control system for roller bit drills. A. E. Trop and others. *Trudy Svor. gor. inst.* no. 49:27-33 '67.
- Electronic modeling of three-phase self-saturating magnetic amplifiers. M. G. Pivinskoy. *Trudy Svor. gor. inst.* no. 49:98-104 '67.
- [Engineering cybernetics in the U. S. S. R.] Tekhnicheskaya kibernetika v SSSR. Moskva, "Mishin," 1968. 271 p. [Sovetskaya nauka i tekhnika za 50 let. 1917-1967].
- Equipment for the control of speed conditions during continuous and endless rolling. A. N. Chernyshev and others. *Nauch. trudy DMI* no. 52:28-35 '67.
- Experience in the automation of changing balls into ball mills. B. A. Gromovskiy and others. *Gor. zhur.* 143 no. 3:6-9 My '68.
- Feed mode of self-adjustment in an optimizing control system with asynchronous detection. I. I. Baltunas, A. A. Niamura. *Trudy AN Lit. SSR, Ser. B* no. 1:67-74 '68.
- Hybrid digital converters. E. G. Dulepov, A. S. Kaspov. *Avtom. i telemekh.* no. 5:174-176 My '68.
- Investigating automatic control systems for power loops on electronic models. O. N. Kukul'skikh. *Trudy Dnepr. inst. cher. met.* 27:87-99 '67.
- Investigating waste rock conveyors of continuous-buckel dredges as the object of automation. A. E. Trop, O. A. Bagat'nikov, V. A. Meshcherjakov. *Trudy Svor. gor. inst.* no. 49:65-72 '67.
- Iterative principles of constructing multichannel automatic control systems. P. P. Osolovskiy. *Dokl. AN SSSR* 161 no. 1:39-41 Ji '68.
- Mechanics of gear mechanism with superimposed additional motion. I. I. Golovko. *Izv. vye. ucheb. zav. fizich. tekhn.* no. 1:127-131 '68.
- Krivosel'skiy, I. I. [Design of nonlinear automatic control systems] Raschet nelineynykh avtomaticheskikh sistem. Lzd. 2-e, ispr. i dop. Kiev, "Tekhnika," 1968. 341 p.
- Language, grammars, and abstract automatic models. Part 2. L. A. Ousev, I. M. Saitnova. *Avtom. i telemekh.* no. 5:73-84 My '68.
- Multichannel description of heat and mass exchange phenomena in blast furnaces. V. N. Timokhin, B. A. Bokovikov, K. M. Babushkin. *Sborn. nauch. trudy VNIIMT* no. 14:5-18 '68.
- Mechanized production-line for the assembly and assembling of cable hood. Z. Azadchi, M. M. Gvozdeva. *Mosk. ind. SSR* 39 no. 5:25-29 My '68.
- Method for decomposition of finite automata. A. K. Grigorov. *Avtom. i telemekh.* no. 5:101-109 My '68.
- Methods and results of investigating the influence of rod boring on the carrying capacity of rock walls of a borehole by the method of modeling with equivalent materials. G. I. Kravchenko, A. K. Belov. *Vop. gor. dovi.* no. 23:2-81 '66.
- Methods of determining the economic efficiency of scientific research. V. I. Krivov. *Trudy TSNIIMT* 13 no. 64:8-24 '67.
- Multichannel automatic optimizer with varying frequency of modulating actions. S. N. Makarovskiy. *Avtom. i telemekh.* no. 5:124-129 My '68.
- Minimization of external solutions in optimal control problems. V. V. Laricheva, M. V. Reim. *Dokl. AN SSSR* 180 no. 6:1303-1311 Je '68.
- Natural coupling of channels and operating capacity of a two-channel optimizing control system. I. I. Baltunas, A. A. Niamura. *Trudy AN Lit. SSR, Ser. B* no. 1: 55-65 '68.
- New automatic looms. I. P. Sidorov. *Tekst. prom.* 28 no. 7:49-60 Ji '68.
- Normal sequences and finite automata. V. N. Agafonov. *Dokl. AN SSSR* 179 no. 2:265-250 '68.
- Optimal arrangement of programs of control and administration of production. E. I. Bakovitch, E. A. Trakhtengerts. *Avtom. i telemekh.* no. 5:135-144 My '68.
- Optimality criteria of geometric parameters of capacitive sensitive elements. A. I. Kapul'skaya. *Trudy AN Lit. SSR, Ser. B* no. 1:85-91 '68.
- Optimal control of an electromechanical system with two control signals and limitation of coordinate. I. U. A. Bychkov. *Izv. vye. ucheb. zav.; prib.* 11 no. 4:50-54 '68.
- Optimal two-stage random control procedure in industry. I. U. A. Sindler. *Zav. i sb.* 31 no. 5:576-581 '68.
- Optimization of the heating of the checkerwork on a blast furnace air preheater. V. M. Malkin, F. R. Shkhar, R. P. Chakira. *Sborn. nauch. trudy VNIIMT* no. 13:239-265 '67.
- Paylov, V. V. [Logical-type control devices] Logicheskie ustroystva logicheskogo tipa. Moskva, "Energiya," 1968. 80 p. (B-2a po avtomatike. Vvp. 270).
- Preliminary mathematical processing of information supplied to a computer on the chemical composition of iron ore and coke raw materials. S. A. El'kin, N. M. Batushkin. *Sborn. nauch. trudy VNIIMT* no. 14:93-101 '68.
- Problem of the construction of stable linear control systems. E. I. A. Snurnov. *Avtom. i telemekh.* no. 5:5-9 My '68.
- Problem of the synthesis of optimum control with phase constraints limitations and the speed of change of the control action. V. P. Chepuravov. *Trudy KAI* no. 75: 91-100 '67.
- Phase system of the programmed control of temperature. S. I. Lopatin, V. M. Lopatina. *Izv. GAO* 34 no. 6:255-268 '67.
- Quorum element and its application in information and control systems. D. A. Brashlavskiy and others. *Prib. i stat. upr.* no. 3:25-28 Ji '68.
- Regularization of the rendezvous of motions problem. K. K. Kravoskiy. *Dokl. AN SSSR* 179 no. 2:300-303 '68.
- Relationship between certain quality indices in linear steady-state controlled systems. I. S. Gromskiy. *Ukl. AT SSSR* 161 no. 1:35-48 Ji '68.
- Results of pilot tests of remotely controlled and self-propelled hydraulic plants. V. M. Alenichev. *IU. M. Shkharov, I. P. Semochkin. Trudy IGD Sverd.* no. 15: 79-84 '67.
- Scaling with a Teflon base for measuring and automatic control instruments. I. K. Kadyshkin. *Prib. i stat. upr.* no. 3:43-45 Ji '68.
- Second International Symposium of the International Federation of Automatic Control on Control in Outer Space, Underwater, and Underground. I. N. Vasil'ev. *Avtom. i telemekh.* no. 5:176-184 My '68.
- Semiconductor radiometric analyzer of iron ores. N. U. Onuchin, A. E. Trop. *Trudy Svor. gor. inst.* no. 49: 90-95 '67.
- Simplification of sensitivity models in the construction of self-adjusting and adaptive systems. M. P. Sakharov. *Avtom. i telemekh.* no. 5:58-63 My '68.
- Simulation of a system of mutually connected control of an electric drive for multiple-stand four-type wire drawing machines. N. I. Sakulov, I. G. Grinnan. *Izv. AN Kazakh. SSR, Ser. fiz.-mat.* no. 6:36-40 Ji '67.
- Soldatnikov, V. A. [Electronic models] Elektricheskiye modeli. Moskva, "Znanie," 1968. 32 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Radioelektronika i svyaz" 16).
- Some problems of dynamics in a two-channel optimizing control system. I. I. Baltunas, A. A. Niamura. *Trudy AN Lit. SSR, Ser. B* no. 1:35-48 '68.
- Stability of adaptive systems with stabilization of frequency characteristics. V. I. Kukhtenko, V. E. Mikhurina, V. A. Orlov. *Avtom. i telemekh.* no. 5:46-57 My '68.
- Stability of an adaptive model in the form of a "line" with weight coefficients. A. A. Niamura, E. D. Sorokin. *Trudy AN Lit. SSR, Ser. B* no. 1:75-84 '67.
- Stability of an automatic control system for a unflow wire drawing machine. A. T. Akhmediev, V. M. Pustil'nikov. *Izv. AN Kazakh. SSR, Ser. fiz.-mat.* no. 6: 64-71 N-D '67.
- Study of hydraulic servo drive for thrusters using electronic models. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 27:158-165 '67.
- Synthesis of a nonlinear system of variable structure. K. K. Zil'nikov, P. A. Ilyukhin, A. V. Landskayn. *Dokl. AN SSSR* 181 no. 2:295-300 Ji '68.
- Technological and technical problems of automating special conditions during continuous and endless rolling. A. P. Chekmarev, A. N. Chernyshev, A. N. Silich. *Nauch. trudy DMI* no. 52:5-11 '67.
- Testing the mechanism for the pressure of rolls of fabric on automatic looms. V. I. Ushakov. *Izv. vye. ucheb. zav.; tekhn. tekhn. prom.* no. 6:150-151 '67.
- [Theory of automatic control] Teoriya avtomaticheskogo upravleniya. Pod obshch. red. A. V. Nelushila. Moskva, "Vyssh. shkola," 1968. 424 p.
- Transfer functions of automatic speed control systems with integral-type transducers. B. M. Tolmachev, I. P. Smol'nikov. *Izv. vye. ucheb. zav.; prib.* 11 no. 4:47-49 '68.
- [Transistor automatic control networks. Design and calculation] Transistornyye skhemy avtomaticheskogo upravleniya. Proektirovaniye i raschet. Pod red. I. U. A. Korovin. Moskva, "Sov. radio," 1967. 280 p. (Radioelektronnyye skhemy na poluprovodnikovyykh priborakh. Proektirovaniye i raschet).
- Use of semiconductor elements for the automation of furnace loading. V. N. Kaulkin, V. M. Kundin, A. B. Gusekov. *Sakh. prom.* 42 no. 6:19-24 Je '68.
- Ways of optimizing expenditures for the production of coke for pig iron smelting. A. A. Kozlov, I. S. Solomakhin. *Izv. vye. ucheb. zav.; chem. met.* 11 no. 7:183-186 '68.

Zaitsev, G. F. [Analysis of automatically controlled linear discrete systems]. *Analiz lineynykh impul'snykh sistem avtomaticheskogo regulirovaniya i upravleniya*. Kiev, "Tekhnika," 1967. 183 p.

621.011(471.232)—Leningrad City

Introducing mechanization and automation in Leningrad enterprises. A. K. Rusakov. *Mekh. i avtom. prom.* 22 no. 1:14-17 '68.

821.011(471.311)—Moscow Province

Automation system of the fermentation and dough-pretreatment departments. A. K. Stepanov, A. I. Bellasov. *Khleb. i kond. prom.* 12 no. 6:26-27 Je '68.

621.011(478)—Moldavian S.S.R.

Mechanization of the preparation of lime for gas furnaces and automation of their operation. I. P. Solov'uk, I. R. Duvril. *Sakh. prom.* 42 no. 6:35-32 Je '68.

621.033 Physical engineering and technological principles [Laboratory manual on hydraulics and hydraulic machines (pumps)] *Laboratorynyi praktikum po gidravlike i gidravlicheskim mashinam (nasosam)*. Pod obshch. red. I. A. Kovalova i I. A. M. V. V. Izd. 2-e, pere-rabot. 1 dop. Minsk, "Vysheish. shkola," 1967. 184 p. Theoretical reasons for the use of the ultrasonic method of activating cement paste. S. P. Zubrilin. *Trudy L'VT* no. 104:35-42 '67. Ultrasonic generator of aerosols. S. M. Gorodinski and others. *Koll. zhur.* 29 no. 6:878-882 N-13 '67.

821.033 Nuclear technology. Nuclear and atomic energy Existence and uniqueness of a passive solution for a critical reactor equation. S. H. Smikhov, L. K. Shakhov. *Zhur. vych. nat. i mat. fiz.* 8 no. 3:654-650 My-Je '68. Great achievement in the matter of peace. V. Shestov. *Mezhdunar. zhurn.* 15 no. 3:12 '68. Radiation method for the production of a self-settled polyethylene film. V. E. Blashchuk and others. *Vlast. mash.* no. 4:39-40 '68. Special features of the design of nonmetallic radioisotope pickups. B. P. Gasmachkin. *Prib. i ust. opr.* no. 3:53-54 Mr '68. Use of radioactive tracers in geophysical studies for the needs of Buryat industry. V. S. Dorzhiev. *Krat. soob. BKNII* no. 2:33-37 '60.

621.1 Steam power. Engines. Boilers Adjustment and testing of DKV and DKVr boilers equipped with gas mixer burners. S. D. Ponomarev. *Energetika* 16 no. 4:27-29 Ap '68. Analytical investigation of the dynamics of the natural circulation contour. V. V. Zhirnov. *Sbor. trud. CIPI* no. 38:34-43 '66. Analytical investigation of the steadiness of processes in unflooding steam generators. I. I. Morozov, V. A. Gertiga. *Sbor. trud. CIPI* no. 38:22-33 '66. Automation of phosphate cleaning operations in blocks with drum boilers. K. G. Zeldin. *Teplotenergetika* 15 no. 6:35-37 Jo '68. Boring of the connecting pipes of boiler drums. A. K. Golberg, A. N. Golobin, L. M. Lenin. *Energetika* 16 no. 7:14-15 Je '68. Brief survey of the operation of power generating blocks with 150, 200, and 300 Mw. ratings for 1966 and the first half of 1967. L. I. Kudrashova. *Energetika* 16 no. 4:36-37 Ap '68. Burning of high sulfur mazut with small excess of air. G. A. Zaitsev. *Energetika* 16 no. 4:24-25 Ap '68. Calculating coefficients of dynamics equations. V. N. Nakhonin. *Sbor. trud. CIPI* no. 38:62-82 '66. Calculation of thermal loads and selection of boilers. V. Zuev. *Tekhn. v sel. khoz.* 28 no. 6:87-88 '68. Cooling of a once-through boiler and steam pipes of a 150 Mw. block. G. I. Mosyev, A. A. Finkov, F. L. Kuchukhin. *Elek. sta.* 39 no. 4:22-28 Ap '68. Consideration of the contamination of radiational heating surfaces. K. S. Karaman. *Teplotenergetika* 15 no. 8:14-18 Je '68. Consultation. I. Molokoshin. *Mias. ind. SSSR* 39 no. 6:33 Je '68. Design of a boiler for operation on different modes using a method of increments with electronic digital computers. M. D. Panasonko. *Teplotenergetika* 15 no. 8:10-14 Jo '68. Determination of economically optimum speed of gases in convective surfaces with checkboard distribution of pipes. A. V. Znachinski. *Teplotenergetika* 15 no. 6:18-21 Jo '68. Determination of the concentration of citrates and citric acid in industrial solutions. V. I. Rykova. *Energetika* 16 no. 4:29-30 Ap '68. Determining the areas of steady performance in steam generators. V. A. Gertiga, I. I. Morozov. *Sbor. trud. CIPI* no. 38:44-61 '66. Developing a electrocontact wavegraph-level gauge for recording parameters of sea waves in the water areas of offshore oil fields of the Caspian Sea. A. M. Ibragimov, B. K. Nazirov. *Za tekhn. prog.* 6 no. 3:35-37 Mr '68. Device for machining clampers and terminating pipes of thermal power equipment. N. N. Stepanov. *Energetika* 16 no. 4:20 Ap '68. Dynamics of delayed readings of the TSKTI saltometer. I. A. Kokoshkin. *Elek. sta.* 39 no. 4:38-39 Ap '68. Effect of steam moisture on the characteristics of a velocity stage. V. V. Plakhin, A. Y. Pavlovskii. *Teplotenergetika* 15 no. 6:44-48 Je '68.

Effect of the relative step of the lattices of cascades on the efficiency of peripheral cuts in a stage with long blades. R. N. Alekseeva. *Teplotenergetika* 15 no. 8:41-44 Je '68. Electrical system of the speed protection of turbomachines. V. A. Golovin. *Teplotenergetika* 15 no. 6:48-51 Je '68. Equations of steam generator dynamics. V. A. Gertiga, I. I. Morozov. *Sbor. trud. CIPI* no. 38:5-21 '66. Evaluation of the effectiveness of heat consumption changes from the takeoff in a steam turbine. V. I. Brazhnikov. *Izv. vys. ucheb. zav. i energ.* 11 no. 8:82-85 Ag '68. Experience in the use of nondestructive methods for checking microstructure and mechanical properties of metal. D. E. Kana. *Energetika* 16 no. 7:15-17 Je '68. Experimental investigation of steadiness. V. A. Mal'kov, V. P. Kaz'min, G. D. Smirnov. *Sbor. trud. CIPI* no. 38:98-109 '68. Experimental study of operating conditions with short-term interruptions in the feed of the TPP-110 once-through type boiler. B. I. Smirnov and others. *Teplotenergetika* 15 no. 6:2-6 Je '68. Heating of the housing of the shaft valve of the K-200-130 turbine. A. Sh. Leizerovich, E. R. Plotkin. *Elek. sta.* 39 no. 4:28-32 Ap '68. Hydraulic design of a chemical water purification system during its reconstruction. B. H. Podlash. *Prom. energ.* 23 no. 3:32-33 Mr '68. Improvement of a system signaling alev level in a clarifier. III, I. Ponomarev, A. K. Shirokobodov. *Energetika* 16 no. 4:29 Ap '68. Improvement of the operation of deaerators. A. P. Dzyubko, V. N. Irazhinski. *Energetika* 16 no. 4:30-31 Ap '68. Increasing the operational reliability of condensers and regenerative heaters in connection with stepped-up requirements for water conditions of the blocks. S. A. Zykov, N. M. Manoin. *Teplotenergetika* 15 no. 6:7-10 Je '68. Increasing the reliability of steam-heater insulation of boilers. E. O. Chibrikov. *Energetika* 16 no. 7:15 Je '68. Local thermal treatment of boiler drums after repair welding operations. I. K. Kuchinski. *Energetika* 16 no. 7:12-14 Je '68. Mathematical model of a once-through boiler and turbine block. V. A. Ivarov and others. *Izv. vys. ucheb. zav. i energ.* 11 no. 8:50-61 Ag '68. New regulator of the economy. Yu. G. Kornilov, D. K. Levin. *Izv. vys. ucheb. zav. i plishch. tekhn.* no. 2:128-129 '68. Oil separators. A. I. Shvachov. *Khol. tekhn.* 45 no. 6:35-37 Jo '68. Operation of oil filled seals of turbogenerators using polyurethane resin. G. I. Vlodavich. *Energetika* 16 no. 4:25-26 Ap '68. Operation of the mazut pumping station of a boiler room. I. P. Podolko, A. M. Mal'nev, S. T. Chibrikov. *Prom. energ.* 23 no. 3:19-21 Mr '68. Paddle machine for grinding the comb segments of labyrinth seals of steam turbines. S. N. Cherdynsev. *Energetika* 16 no. 7:10 Je '68. Protection of exhaust fan blades of 300 Mw. blocks from fly ash wear. U. N. Novikov. *Energetika* 16 no. 4:10-20 Ap '68. Pumps for industrial and central heating boiler systems. *Prom. energ.* 23 no. 3:44-46 Mr '68. Removal of ammonia from water during steam bubbling. I. I. Otker. *Teplotenergetika* 15 no. 6:37-40 Je '68. Repair of the steam box of the "Vamag" turbine. S. V. Savkin, M. S. Zharovskii. *Energetika* 16 no. 4:10-10 Ap '68. Replacement of surface-type steam coolers with injection types. A. I. Vintikh, G. G. Khadzhinov, K. A. Zil'berg. *Prom. energ.* 23 no. 3:43-35 Mr '68. Restoration of the drum of the DKZ-210-145 PT boiler. E. N. Buevko, V. A. Karamushko, A. Sh. Krol'. *Energetika* 16 no. 4:11-14 Ap '68. Requirements of the characteristics of large power generating blocks operating in the varying portion of the load graph of a power system. F. M. Zaimorgind, S. V. Ilyshev. *Teplotenergetika* 15 no. 6:30-34 Jo '68. Selecting the type of an exhaust device for vacuum deaerators of heating system boilers. L. A. Trub, Z. S. Gridneva. *Vod. i san. tekhn.* no. 6:22-25 '68. Solving problems of steadiness on electronic computers. A. T. Zolotnikov, V. N. Nakhonin. *Sbor. trud. CIPI* no. 38:63-65 '66. Stand method for studying ash clogging of the heating surfaces of mazut fired boilers. K. I. Ivarov, K. E. Zegor, V. M. Gukov. *Teplotenergetika* 15 no. 9:21-25 Jo '68. Standardization of central heating and industrial boiler systems with DKVr boilers. E. I. Andreev, V. S. Strass. *Prom. energ.* 23 no. 3:28-30 Mr '68. Start of a boiler with supercritical pressure and hot steam pipes. A. P. Deresnev and others. *Elek. sta.* 39 no. 4:18-22 Ap '68. Study of pipes with loop-wire fins in a longitudinal air current. V. N. Sochenov, V. I. Evanko, N. V. Zozulin. *Izv. vys. ucheb. zav. i energ.* 11 no. 8:82-83 Ag '68. Study of the effect of M and Re numbers on the characteristics of an annular turbine lattice with great clearance. B. M. Troianovskii, L. E. Kleev, Kuvar Lal Ladan. *Teplotenergetika* 15 no. 6:74-76 Je '68. Study of the hydraulic base of feed pumps. I. E. Chegurko, A. N. Turkin. *Elek. sta.* 39 no. 4:32-35 Ap '68. Survey of magazine articles on boilers. *Teplotenergetika* 15 no. 6:93 Jo '68. Technology of the replacement of air preheater blocks in BKZ-160/100 boilers. I. I. Kostenko. *Energetika* 16 no. 4:14 Ap '68.

Temperature conditions of the drum of the TP-80 boiler. O. M. Baldina, I. N. Komarschik, D. F. Peterson. *Teplotenergetika* 15 no. 6:63-73 Je '68. Transients in a single steam generating conduit. M. I. Korukov. *Sbor. trud. CIPI* no. 38:110-125 '66. Use of a standard plug and socket coupling. E. A. Chirsimov. *Energetika* 16 no. 4:21 Ap '68. Use of ultrasonic vibrations in cleaning heat exchangers. I. A. Klimashin and others. *Prom. energ.* 23 no. 3:12-14 Mr '68.

621.1(498)—Romania

Symposium on central heating of the member countries of the Council for Mutual Economic Aid held in the Rumanian Socialist Republic. E. A. Seckey, N. M. Zinger. *Teplotenergetika* 15 no. 8:81-82 Je '68.

621.22 Water power. Utilization of hydraulic energy Additional power losses in smoothly changing flows. V. M. Makarov. *Gid. stroi.* 36 no. 6:48-52 Je '68. Determination of effective specific surface of extrinsic raw material based on hydraulic resistance of layer. T. A. Zumerova. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4:495-498 '68. Dynamics of a hydraulic motor with nonlinear damping characteristics (small self-oscillations during operation on "creeping" speeds). V. M. Prokofiev. *Atom. i tolm.* no. 6:110-123 My '68. Energy dissipation in a flow with continuous axial discharges along its course. M. F. Skladov, G. K. Strin. 36 no. 6:50-51 Je '68. Hydraulic causes of vibrations in a hydraulic bubble block. K. A. Shramkov. *Gid. stroi.* 36 no. 9:43-44 S '68.

621.22(471.5)—Ural regions

Power engineering in the (18th and 19th centuries) old industrial Ural. V. S. Gvozdev. *Vop. khoz. i g. i. uraln.* no. 1:73-88 '61.

621.23(671.51)—Krasnoyarsk Territory

Hydraulic engineering in the Krasnoyarsk Hydroelectric Power Station. M. I. Gup'perin. *Gid. stroi.* 37 no. 9:13 Ag '67.

821.3 Electrical engineering

Address to all workers of electric power plants, electric power and heating systems, construction and assembly organizations, enterprises, design, research and other organizations of the system of the Ministry of Power Engineering and Electrification of the U.S.S.R. G. A. Strol. 37 no. 12:3-4 D '68. [Analysis of electrical networks and electromagnetic systems] *Analiz elektricheskikh i elektromagnitnykh sistem*. Kiev, "Naukova dumka," 1967. 148 p. [Resp. mozhved. sbornik, Khimicheskii i vychisl. tekhnika]. Anomalous kinetic phenomena during measuring of the contact difference of potentials by means of a vibrating reedometer. I. I. Bogdanovskii, V. R. Margulis. *Elektrotekhnika* 1 no. 6:103-108 Ag '68. Antistatic continuous-action proportioning devices and study of their operation. V. I. Marov, M. M. Gai Mekh. i avtom. prom. 22 no. 1:30-32 '68. Antinutic cycle with an electronic-mechanical device indicating the breaking moment of yarn. O. A. Stepi. *Izv. vys. ucheb. zav. i tekhn. i khim. prom.* no. 6:125-128 '67. Calculation of losses in electrical steel. A. A. Mazurek. *Izv. vys. ucheb. zav. i energ.* 11 no. 8:110-122 Ag '68. Calculation of periodic operation of nonlinear electrical networks. V. M. D'm. *Izv. vys. ucheb. zav. i energ.* 12 no. 8:44-60 Ag '68. Comparison of two methods of redundancy. A. V. Ponomarev, R. A. Mironov. *Prib. i ust. opr.* no. 3:21-25 Mr '68. Conventional symbols for electrical schematics. *Tekhn. v sel. khoz.* 28 no. 6:43-47 '68. Depolarizing action of thiorure during electroreduction of zinc ions and its effect on the structure of a deposit. A. T. Vagrumin, V. N. Tilova. *Elektrotekhnika* 1 no. 6:108-122 Ag '68. Determination of the dielectric constant and coefficients of the growth of thin films of tantalum pentoxide obtained by electrochemical anodizing. V. K. Reiz, E. O. Pliarenko. *Ukr. khim. zhur.* 34 no. 6:503-554 '66. Device for preventing short circuits in the inductor of an induction-hardening unit. Sh. A. Samad-zade, R. G. Gudzhev. *Za tekhn. prog.* 8 no. 7:11-12 Ji '68. Digital measuring converter with a bipolar-metric transducer. N. T. Kovaleva, L. Z. Izraelova. *Izv. vys. ucheb. zav. i ust. i gaz* 11 no. 3:90-102 '68. Discoveries and inventions. *Prom. energ.* 23 no. 3:42-42 Mr '68. Economic efficiency of the automation of production in petroleum refining and the petrochemical industry. G. R. Shirinov, B. I. Samoilovich, Sh. S. Dzhangirov. *Prib. i ust. opr.* no. 3:42-43 Mr '68. Effect of circuit parameters on the stability of the burning of high-pressure mercury lamps. A. G. Alikhanli, V. S. Ivanov. *Svetotekhnika* 14 no. 8:17-20 Je '68. Effect of the composition and concentration of electrolyte on the characteristics of nickel oxide electrodes from spent active masses. A. M. Kozlovskii, T. F. Rudina, L. L. Kuz'mina. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4:461-464 '68. Effect of thermal treatment on the quality of halophosphate luminophors. F. M. Gurovich. *Svetotekhnika* 14 no. 8:7-10 Je '68.

- 621.315 (Continued)
- Standardization of technical regulations on GTS municipal telephone cables with plastic insulation and sheathing. A. N. Galyeva, N. E. Ermeeva, D. I. Sharif. Vest. svyazi 28 no. 2:12 F '68.
- Stochastic model of damage states of electric power transmission lines. V. G. Kadetshvili. Izv. vys. ucheb. zav., energ. 11 no. 8:24-29 Ag '68.
- Study of thermal stability of condenser paper. V. T. Rumee, Z. A. Allahverdiyev. Elektricheskoye stroitel'stvo 16 no. 7:24-25 Fe '68.
- Studying the reliability of inter-system electric power transmission lines. M. N. Aliev, E. M. Parkhadzade. Za tekh. prog. 9 no. 7:18-20 Ji '68.
- Switching of equalizing currents in 35 kv. network using disconnecting switches. N. N. Plutko. Energetik 16 no. 7:24-25 Fe '68.
- Transistor sine wave power oscillator. A. A. Albulayev, G. A. Ali-Zade, A. I. Poyarkov. Za tekh. prog. 10 no. 7:5-7 Mr '68.
- 621.318 Distribution and control. Switchgear, etc.
- Analysis of the operation of the network of a parametric voltage stabilizer with pulsed current feed. I. U. Fa. Rzende. Avtom. i telemekh. no. 5:170-173 My '68.
- Approximate evaluation of the decrease of the sensitivity of protection from short circuits to ground in 110 kv. and 220 kv. overhead lines with spur lines. M. A. Shkoda. Elektr. sta. 39 no. 4:80 Ap '68.
- Calculation of thermal compensation of Hall transformers based on thin indium antimonide films. A. T. Balanov, G. P. Krasitskiy, I. I. Seleznev. Izv. tekhn. na 2:48-51 F '68.
- Concerning A. A. Filatov's article "One of the safety engineering rules." I. U. Fa. Tsykhanskiy. Elektr. sta. 39 no. 4:93 Ap '68.
- Concerning the article "Lightning surge waves permissible for the internal insulation of power transformers." Z. M. Belitskiy, R. P. Daluk, N. N. Beliakov. Elektr. sta. 39 no. 4:96-98 Ap '68.
- Concerning the article "Reliability of electric power supply networks of enterprises." N. A. Kazak, E. P. Shchepchenko. Prom. energ. 23 no. 3:24-26 Mr '68.
- Current transformers for the protection of generators. I. U. Fa. Kalugin. Izv. vys. ucheb. zav., energ. 11 no. 8:1-6 Ag '68.
- Determination of comparative reliability of electrical networks. I. U. Fa. Egorov. Izv. vys. ucheb. zav., energ. 11 no. 8:18-23 Ap '68.
- Determining the parameters of deep grounding electrodes of anti-corrosion units. A. A. Spirin and others. Za tekh. prog. 8 no. 5:16-18 My '68.
- Device for checking complex protection systems. V. A. Gerasimov, D. G. Purin. Elektr. sta. 39 no. 4:80-87 Ap '68.
- Drozhdov, A. D., and V. V. Platonov. [Differential protection relays for elements of power systems] Role differentsial'nykh zashchit elementov energosistemy. Moskva, "Energiya," 1968. 110 p.
- Economic advisability of the complication of main hooking networks of regional electric power plants. I. I. Dvorkin and others. Elektr. sta. 39 no. 4:73-84 Ap '68.
- Electronic modeling of certain regulators. E. V. Prokof'ev, V. M. Arshinkiy. Trudy SVVO, gor. inst. no. 40:105-110 '67.
- Experimental study of different networks for parallel-capacitive compensation. A. M. Sapozhenko. Nauch. Trudy OMIIT 71:100-110 '67.
- Iovlev, V. I., and A. G. Karagin. [Construction of enclosed 8-10 kv. power distribution systems] Montazh zakrytykh raspredelitel'nykh ustroystv 8-10 kv. Moskva, "Energiya," 1968. 57 p. (B-ka elektromontera. Vyp. 252).
- Increasing the response and efficiency of shell-type electromagnets. G. S. Puzryshkiy, A. G. Shvinskaya. Elektricheskoye stroitel'stvo no. 6:65-68 Je '68.
- Lightning surge waves permissible for the internal insulation of power transformers. A. V. Spozhnikov, S. D. Lizonov. Elektr. sta. 39 no. 4:50-66 Ap '68.
- Logical method for selective signaling of single-phase short circuits to ground in closed-loop networks. A. P. Chmurov. Izv. vys. ucheb. zav., energ. 11 no. 6:13-17 Ag '67.
- [Long-distance power transmission systems. Translation of reports of the International Conference on Electrical Systems (CIGRE 1968)] Dal'nie elektropriemodachi. Por. doklady Mezhdunar. konfrentsii po elektr. sistemam (CIGRE 1968 g.) Pod red. S. S. Rokotiana. Moskva, "Energiya," 1968. 294 p.
- Mechanization of the replacement of the quenching elements of MKP-220 cutouts. L. S. Bolen'kiy, M. S. Smolitskiy. Energetik 16 no. 4:22-23 Ap '68.
- Modeling of a current transformer using an analog computer. V. I. Novash, A. A. Tishchenko. Izv. vys. ucheb. zav., energ. 11 no. 8:115-119 Ag '68.
- Overvoltages during partial phase operation of unloaded transformers with insulated neutral. V. I. Gavrilkov and others. Elektr. sta. 39 no. 4:69-73 Ap '68.
- Helpful electrical data on three-phase 380 v. stabilizers for lighting networks manufactured domestically in 1958. A. I. Koles. Svetotekhnika 14 no. 6:28 Je '68.
- Problems of control of grounding devices. V. P. Korabov. Prom. energ. 23 no. 3:9-11 Mr '68.
- Protection from single-phase short circuits to ground in 6 kv. networks in mines. V. F. Bukhtolov. Prom. energ. 23 no. 3:4-8 Mr '68.
- Raikel'skiy, L. A. [Handbook on lighting systems] Spravochnik po osvetleniyu selam. 1zd. 2-o, ispr. i dop. Moskva, "Energiya," 1968. 319 p.
- Reactive four-terminal shaping devices. E. I. Tsvetov, I. I. Stasler. Radiotekhnika 23 no. 4:18-24 Ap '68.
- Reliability of electric power supply of petroleum refineries. A. A. Spirin and others. Izv. vys. ucheb. zav., energ. 11 no. 8:30-34 Ag '68.
- Response to A. M. Manilov and D. I. Rozinskii's article "Mechanical blocking in simplified substations." R. M. Rudkova. Elektr. sta. 39 no. 4:91-92 Ap '68.
- Rule for thermal compensation of transformer converters using constant wire. E. I. Neldandzi, N. G. Tlapko. Izv. tekhn. na 11:44-46 N '68.
- Selecting optimal capacities of capacitors. Sh. A. Vilashevskiy, V. V. Naumchenko. Za tekh. prog. 6 no. 3:6-9 Ag '66.
- Semi-automatic machine for winding the coils of magnetic starters. V. I. Rybin. Prom. energ. 23 no. 3:14-15 Mr '68.
- Seis of high-voltage distributive starting devices for drilling rigs based on small-scale high-voltage capacitors. V. N. Shilov. Za tekh. prog. 6 no. 3:18-20 Fe '68.
- Study of automatic phase frequency control using an asymptotic method. S. I. Evmenov. Radiotekhnika 23 no. 4:109-106 Ap '68.
- Synthesis of problems of the design and construction of electric networks and substations of industrial enterprises. V. D. Mikhelberg. Prom. energ. 23 no. 3:21-23 Mr '68.
- Threshold logic functions and their use in the optimization of the logic of relay protection and automatic equipment. V. E. Paliukh, G. M. Poskurin, V. I. Sulep'nikov. Izv. vys. ucheb. zav., energ. 11 no. 8:7-12 Ag '68.
- [Transformers. Translations and abstracts of reports of the International Conference on Large Electrical Systems (CIGRE) in 1964 and 1966] Transformatory. Peredyi teletaty doklady Mezhdunar. konfrentsii po bol'shim elektr. sistemam (CIGRE) 1964 i 1966 gg. Pod red. S. I. Babynovitsa. Moskva, "Energiya," 1968. 204 p.
- Truck mounted telescopic electric crane. V. N. Ivgen'ev. Energetik 16 no. 3:21-23 Ap '68.
- Variable sign of the static error of voltage stabilizers. I. U. Fa. Desyatitskiy. Avtom. i telemekh. no. 5:130-134 My '68.
- 621.317 Measurements. Instruments and indicators
- Accuracy of the relation of the frequency of oscillations using a group of generators. V. F. Lubentsov. Izv. tekhn. na 11:66-70 N '68.
- Amplifier effect on the errors of multibranch bridges. R. I. Kato. Prikl. statist. no. 3:7-8 Mr '68.
- Asymmetrical phase meter for studying autonomous electric processes in acousto-optics. E. I. Adirovich and others. Dokl. AN SSSR 191 no. 1:72-75 Fe '68.
- Automatic comparators for measuring complex transfer factors of transformers. P. P. Oralskiy, I. U. Fa. Skripnik. Avtomatika no. 1:68-70 Ja-F '68.
- Automatic device for measuring and signaling the inter-lace level of two liquid media. V. P. Avdeev, V. G. Kozlov. Izv. vys. ucheb. zav., prib. 11 no. 4:44-48 '68.
- Automatic 10-channel device for measuring the active potassium transport in the skin of a frog. V. V. Ivanov, I. U. Fa. Nalochin. Fiziol. zhur. 34 no. 1:122-125 Ja '68.
- Calculation of accuracy of electronic circuits. V. I. Antanov. Izv. vys. ucheb. zav., prib. 11 no. 4:5-10 '68.
- Calculation of error in the measurement of the average value of fluctuating quantities by different frequency transducers. V. I. Sorogeev, A. V. Ivanov. Izv. vys. ucheb. zav., prib. 11 no. 4:27-31 '68.
- Calculation of permissible currents in the braces of measuring devices. Z. A. Timoleeva, L. B. Zhernumarskiy. Izv. tekhn. na 11:83-85 N '68.
- Calculation of the transmission band of the computer of a digital voltmeter. B. I. Belon'kiy. Izv. tekhn. na 2:48-48 F '68.
- Capacitance meter. R. Irashin. Radio no. 5:41-45 My '68.
- Comparison of lightning current amplitude distribution curves using measurement data from different countries. S. Sidor. Elektricheskoye stroitel'stvo no. 6:12-16 Je '68.
- Compensation method for the measurement of coefficients of signal expansion by orthogonal functions. N. A. Rubichev. Izv. tekhn. na 2:82-83 F '68.
- Construction of a generator for the measurement of pulse currents and high frequency currents. I. U. Fa. Chuchashin. Izv. tekhn. na 2:86-87 F '68.
- Construction of parallel voltage dividers. N. I. Samoilov. Izv. tekhn. na 11:40-60 N '68.
- Conversion coefficient of a dynamic capacitor during electrometry of low d. c. voltages. M. I. Lavrov. Izv. tekhn. na 2:44-46 F '68.
- Data processing in electric measuring instruments in systems (brief review and summary). G. G. Maluskiy, M. P. Tsapenko. Avtomatika no. 1:89-100 Ja-F '68.
- Determination of dynamic parameters of electromechanical devices. P. N. Shevelov. Izv. tekhn. na 2:51-61 F '68.
- Determination of electrical homogeneity of conductive platelets. M. I. Kurdiani, M. I. Topchashvili. Izv. tekhn. na 2:68 F '68.
- Device for measuring complex impedances. V. I. Sokolov. Nauch. Trudy OMIIT 71:71-78 '67.
- Device for measuring impedances. K. Kharchenko. Radio no. 5:17-18 My '68.
- Device for measuring the capacitance of varactor diodes at liquid nitrogen and helium temperatures. I. U. Fa. Lurov, N. A. Rozanov. Izv. tekhn. na 11:93-94 N '68.
- Device for measuring the parameters of FM devices of radio relay systems. G. I. Rabinovich, N. I. Lebedeva. Vest. svyazi 28 no. 2:2-3 F '68.
- Elimination of the ambiguities of the characteristics of converters with regulated inductance. L. A. Zhuk. A. M. Luchuk. Avtomatika no. 1:47-51 Ja-F '68.
- Equipment for the manufacture, calibrating, and testing of transformers with low-resistance transformers. V. I. Bostrov, I. U. Fa. Rudzhev, V. V. Andreev. Trudy Sovetsk. NII Proekt no. 19:31-34 '68.
- Errors of functional relationship IIII for the design of linear curves of magnetically hard materials. V. N. Seleznev, V. I. Zingerman, G. K. Lagoda. Izv. tekhn. na 2:50-60 F '68.
- Errors of the measurement of the noise spectra of two and four-terminal networks. I. U. Fa. Karpov, I. S. Karpova. Izv. vys. ucheb. zav., prib. 11 no. 4:11-16 '68.
- Errors of two-channel phase measuring systems due to the action of noise. A. P. Ivanova, S. E. Tkach. Avtomatika no. 1:80-88 Ja-F '68.
- Experimental determination of the phase errors of high accuracy wattmeters. M. A. Bykov, A. M. Ljubarskaya. Izv. tekhn. na 11:52-55 N '68.
- Factors limiting the sensitivity and accuracy of small current measuring devices with dynamic condensers. A. V. Prokhorov. Izv. tekhn. na 11:50-52 N '68.
- For higher quality of electronic measuring devices. A. P. Volosov, V. I. Terentov. Izv. tekhn. na 2:7-8 F '68.
- Formulas for determining the rest of inertial measuring instruments. I. N. Popov. Izv. tekhn. na 11:58-60 N '68.
- Test flow generator. I. V. Novikov, B. I. Bakum, I. U. Fa. Iakhlakov. Prikl. statist. no. 3:16-17 Mr '68.
- High-speed digital tracking automatic balance using binary decimal reverse numbers. T. M. Aliev, N. G. Bibuev. Prikl. statist. no. 3:14-14 Mr '68.
- [Instruction 100-83 on the testing of automatic potentiometers] Instruktia 100-83 po proverke avtomaticheskikh potentsiometrov. 1zd. ofits. [Moskva] Izd. standartov, 1967. 60 p.
- Instrumentation for transducers with low-resistance transformers. A. A. Dolinskiy, N. I. Rudzhev, V. V. Kharin. Trudy Sovetsk. NII Proekt no. 19:12-15 '68.
- Isaev, G. A., Integritas, V. M. Batzav, A. I. Ilyukovich. Izv. tekhn. na 2:9-15 F '68.
- Magnetization of mechanisms with infrared magnets. F. S. Erimov. Izv. tekhn. na 11:86-87 N '68.
- Measurement of the characteristics of ferrite cores in induction parameters. V. V. Onishchenko. Izv. tekhn. na 2:89-90 F '68.
- Measurement of the magnetic parameters of magnetic circuits with air gaps. M. A. Balikov and others. Izv. tekhn. na 2:11-61 F '68.
- Method for measuring "residual" parameters of film resistors. M. S. Mikhlin. Izv. tekhn. na 2:54-55 F '68.
- Method of single-frequency measurement of the pyroelectric coefficient and dielectric constant of ferroelectric substances. M. B. Kladkevich, L. S. Khmunchinskaya, A. P. Malin'ev. Ukr. fiz. zhur. 13 no. 4:630-631 Ap '68.
- Methodology for analyzing static errors of quasi-balanced measuring circuits. P. A. Velichkov, K. M. Sobolevskiy. Avtomatika no. 1:52-60 Ja-F '68.
- Methods for measurement of magnetic inclination. V. K. Polynikova. Ucheb. zap. Pomn. gus. no. 105:54-60 '67.
- Multichannel translator oscillograph with a semi-automatic processing of the information. V. P. Buzalov, I. U. Fa. Lazhnev. Fiziol. zhur. 34 no. 1:126-130 Ja '68.
- Natural fluctuations in a quartz oscillator. A. N. Malakhov. Izv. vys. ucheb. zav., radiofiz. 11 no. 6:850-855 '68.
- New design of a coil for measuring the contact potential difference. I. U. Fa. Rulov. Khim. ind. 9 no. 2:159-159 Mr-Apr '68.
- Nuclear magnetometers with remote control. I. U. Fa. Denisov, S. A. Ivanovskiy. Izv. tekhn. na 2:56-57 F '68.
- Optical-acoustic receiver of microwaves and its use for qualitative gas analysis. V. L. Rulin. Opt. i teplekt. 24 no. 4:602-607 Ap '68.
- Optimal relationship of the masses of the moving parts of electric measuring devices with braces. G. D. Lomov, M. N. Frolov. Izv. tekhn. na 11:87-88 N '68.
- Quasi-optimizing automatic modulating a. c. bridges. F. R. Grinevich. Avtomatika no. 1:61-67 Ja-F '68.
- Sensing elements with wound tensometric transformers. E. V. Shalagov, E. N. Krivtsova. Trudy Sovetsk. NII Proekt no. 19:34-40 '68.
- Sensitivity threshold of parametric displacement transducers. L. D. Gik. Avtomatika no. 1:32-40 Ja-F '68.
- Studying errors of supply transformer in a self-compensating device for measuring impedances. T. I. Dvornik-Zade. Za tekh. prog. 8 no. 5:4-10 My '68.
- System for registration and collection of information on qualitative conditions and operational reliability of tested measuring instruments. V. N. Voskresenskiy. Izv. tekhn. na 2:87-70 F '68.
- Testing the voltage level indicators. A. G. Polotinkin. Izv. tekhn. na 2:85-86 F '68.
- Time marker for portable magneto-electric oscillographs. V. P. Obradov. Izv. tekhn. na 11:90-91 N '68.
- Transducer of the control of reinforcement toning. A. A. Dolinskiy, N. I. Rudzhev, V. F. Sierjakov. Trudy Sovetsk. NII Proekt no. 19:22-24 '68.
- Use of d. c. amplifiers in the measurement of active resistances. I. I. Volgin. Izv. vys. ucheb. zav., prib. 11 no. 4:32-37 '68.
- Use of a phase discriminator in a block system registering equipotentials in mathematical modeling of fields. G. A. Matelevskiy. Elektricheskoye stroitel'stvo no. 6:84-85 Je '68.
- 621.317(437)—Czechoslovakia
- Palfest Instrument set. Avi. transp. 46 no. 2:62 F '68.
- 621.318 Applied magnetism. Materials and apparatus
- Calculation of inductances and spurious capacitances of single-layer coils. E. I. Borovokov. Vest. svyazi 28 no. 4:7-8 Ap '68.

- Calculation of losses in electrical steel. A. A. Mazurenko, Izv. vys. ucheb. zav.; energ. 11 no. 8:119-123 Ag '68.
- Calculation of the stray capacitance of shielded inductance coils with single-layer winding. E. I. Borovkov, Radiotekhnika 23 no. 4:98-99 Ap '68.
- Drozdev, A. D., and V. V. Platonov. [Differential protection relays for elements of power systems] Role differentsial'nykh zashchit elementov energosistemi. Moskva, "Energiya," 1968, 110 p.
- Electronic level relay with increased stability based on a self-oscillator. V. I. Voroskolevskii, V. A. Smirnov, Prikl. i teoret. fiz. no. 3:14-15 Mr '68.
- Increasing the response and efficiency of shield-type electromagnets. G. S. Puzrytskii, A. G. Silivskaya, Elektricheskoye no. 8:65-68 Je '68.
- Magnetization of mechanisms with ultrafine magnets. F. S. Erlum, Izv. tekhn. no. 11:66-67 N '68.
- Progressive technology for making coils. A. L. Kogranadman, Za tekhn. prog. 5 no. 7:21 Ji '68.
- 621.319 Applied electrostatics
- Assembly line for ceramic condensers. I. A. Budkin, V. Sh. Bruchichin, S. G. Izraelovich, Nakh. i avtom. prozv. 22 no. 4:19-20 '68.
- Cadmium-nickel storage batteries. V. T. Kozlovskiy, M. Levi, G. Drachev, Radio no. 6:57-59 Je '68.
- Capacitance meter. B. Ivaikin, Radio no. 5:44-45 My '68.
- Conversion coefficient of a dynamic capacitor during electrostatics of low d. c. voltages. M. D. Lavrov, Izv. tekhn. no. 2:44-46 F '68.
- Design of a single-phase capacitor motor. B. M. Plushch, D. I. Neifman, Elektricheskoye no. 8:26-29 Je '68.
- Effect of asynchronous motors on the distribution of the spectra of low-frequency components of noise. I. F. Ogorydnichuk, I. A. Zhuraviev, V. P. Solokha, Elektricheskoye no. 8:76-78 Je '68.
- Losses in film capacitor plating. V. E. Prozorovskii, Radiotekhnika 23 no. 4:90-93 Ap '68.
- One special problem in the theory of a film condenser with transversely floating plates. A. P. Nasekovskii, Izv. vys. ucheb. zav.; prib. 11 no. 4:22-26 '68.
- Study of thermal stability of condenser paper. V. T. Reruev, Z. A. Alakiverdiev, Elektricheskoye no. 6:69-71 Je '68.
- Transducers for electromagnets. Radio no. 5:37-38 My '68.
- 621.32 Electric lighting equipment. Lamps
- Characteristics of xenon ball lamps from the viewpoint of shaping and calculation of the light beam of a device. V. I. Ilyukhov, I. S. Sokolov, Radiotekhnika 14 no. 6:11-13 Ju '68.
- Fluorometer with a short-wave ultraviolet illuminator. D. P. Ficherov, S. A. Volnov, Prom. khim. i tekhn. i osn. chisl. veshch. no. 8:249-252 '67.
- Fluorimetry. M. I. [What one should know about gas-discharge lamps] Chto znachit znanie o gazozaryadnykh lampakh. Moskva, "Energiya," 1968, 121 p. (B-kh. i elektromotory, Vyp. 258).
- Mechanism of the start processes on the electrodes of fluorescent lamps. V. S. Litvinov and others, Svetotekhnika 14 no. 6:1-4 Ju '68.
- Principal electrical data on three-phase 390 v. ballastors for lighting networks manufactured domestically in 1968. A. A. Kots, Svetotekhnika 14 no. 6:20 Ju '68.
- 621.329 Lasers
- Characteristics of a mode-locked laser. S. D. Kallmazov, Dokl. AN SSSR 160 no. 8:1331-1332 Ju '68.
- Development of the field of generation of giant pulses by a ruby laser with saturating filter in a spherical resonator. A. M. Leontovich, M. N. Popova, M. A. Shchegolev, Izv. vys. ucheb. zav.; radiotekhn. 11 no. 8:945-947 '68.
- Duration of the single pulse in a spherical laser resonator with a passive shutter. E. G. Derzang and others, Opt. i spekt. 24 no. 4:621-622 Ap '68.
- Emission of a xenon plasma of high-pressure lamps in the far infrared region of the spectrum. O. K. Filippov, E. V. Ukhov, Opt. i spekt. 24 no. 4:646-656 Ap '68.
- Heating of thin films by laser radiation and their failure. M. N. Libonson, Fiz. i khim. chisl. mat. no. 2:3-11 Mr '68.
- Intensity distribution in an OKG-12 laser beam. V. I. Saprykin, D. N. Mukhametshina, Izv. AN Kazakh. SSR Ser. fiz.-mat. 6 no. 2:80-84 Mr '68.
- Lasers operating on solutions of organic dyes subject to excitation by flash lamps. A. N. Rubinov, V. A. Mostovnikov, Dokl. AN SSSR 12 no. 7:602-605 Ji '68.
- Nonlinear transmission of light from a ruby laser by chlorophyll solutions. O. L. Lebedev, I. M. Griznov, A. A. Chaslov, Opt. i spekt. 24 no. 4:622-623 Ap '68.
- Production of inverse population in double-ionized oxygen by optical pumping of ionized helium with resonance radiation. N. A. Razmadze and others, Opt. i spekt. 24 no. 4:616-619 Ap '68.
- Selection of transverse oscillation modes in a laser with convex mirrors. I. A. Anan'ov, N. A. Sventitskaya, V. E. Sherstobitov, Dokl. AN SSSR 170 no. 6:1304-1306 Ap '68.
- Studying the temperature behavior of the active bodies in pulsed type lasers with temperature-dependent thermophysical characteristics. B. R. Bolotolakh, L. I. Kuchinshov, N. I. Men'shikh, Dokl. AN SSSR 12 no. 6:405-408 My '68.

Study of the process of fabric cutting with CO₂ laser rays in the clothing industry. G. P. Bafuk and others, Shvein. prom. no. 3:12-15 My-Jo '68.

621.33 Electric traction

- Alekseyev, A. E. [Electric traction machinery and converters] Tsiyovaya elektricheskaya mashina i preobrazovatel. Leningrad, "Energiya," 1967, 432 p.
- Approximate determination of steady-state modes in nonlinear electric networks. A. P. Milutin, Trudy MIIT no. 238:125-124 '67.
- Automatic control of the braking of an interurban train. V. A. Taternikov, B. D. Filatov, I. U. V. Buslenko, Trudy TSNII MPS no. 335:26-36 '67.
- Booster operation on a d. c. traction substation. V. A. Kisilakov, Trudy MIIT no. 238:139-143 '67.
- Calculating frequencies of natural vertical vibrations of an electric locomotive taking into account resistance forces in the spring suspension. V. P. Bogdanov, Nauch. trudy OMIIT 89:52-58 '67.
- Calculating transient processes in a rectifying installation taking into consideration regulating devices. V. M. Bataeva, Trudy MIIT no. 238:110-118 '67.
- Constrained vibrations of an electric locomotive caused by rail joints. G. I. Davydov, Nauch. trudy OMIIT 89:58-69 '67.
- Determining the reliability characteristics of transistors by results of accelerated tests. V. S. Khalikov, Trudy TSNII MPS no. 336:338-340 '67.
- Device for determining the magnitude and the difference sign of binary numbers. B. D. Filatov and others, Trudy TSNII MPS no. 336:37-41 '67.
- Devices for determining the distances to damaged areas in a. c. overhead contact network of electric railroads. V. A. Zimakov, G. M. Levin, Trudy TSNII MPS no. 336:102-114 '67.
- Differential protection of transformers in traction substations. I. N. Shalov, Trudy TSNII MPS no. 338:75-90 '67.
- Effect of electrical characteristics of reinforced connections on the performance of rail circuits. N. F. Koltshenko, I. G. V. Scholov, Trudy MIIT no. 86:56-62 '66.
- Effect of nonregulated braking devices of traction substations on the volume of current of direct sequence and on the power factor. A. N. Zavarzina, Trudy MIIT no. 238:76-81 '67.
- Effect of resistance forces on the vibrations of a traction motor with a carrying axle hanger. S. V. Eliseev, V. P. Bogdanov, Nauch. trudy OMIIT 89:70-77 '67.
- Efficiency of electric braking in AC electric locomotives. B. N. Khaimov and others, Zhel. dor. transp. 50 no. 2:47-61 F '68.
- Electric relays for active and reactive current. V. I. A. Ovtchuk, A. I. Tarnavov, Trudy TSNII MPS no. 336:97-102 '67.
- Energy hides for electric driving of rotary drills. M. K. Kotov, Trudy Svor. gor. ind. no. 40:58-61 '67.
- Equivalent circuit of a subway traction network representing a short circuit mode. E. I. Bykov, V. N. Popylin, Trudy MIIT no. 238:17-21 '67.
- Error of a method utilizing the shaping characteristics of a short-circuited line. G. M. Levin, Trudy TSNII MPS no. 336:115-120 '67.
- Exponential definition of reverse sequence currents of a. c. traction substations. A. N. Zavarzina, Trudy MIIT no. 238:72-75 '67.
- Experimental investigation of parameters of a d. c. open arc in a subway traction network. E. I. Bykov and others, Trudy MIIT no. 238:22-26 '67.
- Experimental investigation of vibration processes in the truck frame of a ChSS electric locomotive. I. S. Nikiforov, Nauch. trudy OMIIT 89:78-83 '67.
- Experimental study of PVP-500/6 ignitrons with ceramic screen. M. L. Porosovskii, V. P. Golovnikov, Trudy TSNII MPS no. 312:98-102 '66.
- Fatigue defects in the truck frame of a passenger train electric locomotive. M. P. Pakhomov, I. S. Nikiforov, Nauch. trudy OMIIT 89:98-94 '67.
- Improving methods for calculating current distribution in the system rail-ground-underground structure. N. G. Sorogov, L. F. Tokarev, Trudy MIIT no. 238:88-99 '67.
- Increasing operational reliability of contactless elements in "large" system blocks. O. K. Pysin, Trudy TSNII MPS no. 336:127-130 '67.
- Increasing the efficiency of dependent invertors with the help of thyristors. S. N. Zashorin, G. S. Kasatkina, V. V. Fedotov, Trudy MIIT no. 238:29-37 '67.
- Increasing the temperature stability of a time relay. V. I. Ovtchuk, I. A. Branova, Trudy TSNII MPS no. 336:71-75 '67.
- Modern systems of remote control of power supply to electric railroads and trends in their development. A. V. Pavlov, N. D. Sukhopudskii, V. I. Ovtchuk, Trudy TSNII MPS no. 338:170-184 '67.
- Numerical probability characteristics of values determining the operating conditions of traction power supply equipment taking into account equalizing current. I. A. Chernov, Trudy MIIT no. 238:38-45 '67.
- Operating conditions of auxiliary voltage machines. O. A. Nekrasov, R. I. Allosluchenko, Trudy TSNII MPS no. 319:74-77 '66.
- Performance of series-parallel connected thyristors in circuits of rectifying systems. V. A. Golovanov, O. I. Novikov, Trudy TSNII MPS no. 312:65-75 '66.
- Power recovery point in the power dispatcher's network analyzer. N. N. Privezentsov, Trudy MIIT no. 238:11-18 '67.
- Problem of automating the parallel work of a. c. traction substations for the purpose of lowering the volume of equalizing current. I. A. Chernov, Trudy MIIT no. 238:46-48 '67.

- Programmed control of an interurban train. V. A. Taternikov, B. D. Filatov, Trudy TSNII MPS no. 336:14-26 '67.
- Regulation of batteries for transverse-capacitive compensation of a. c. traction substations. L. A. German, Trudy MIIT no. 238:100-108 '67.
- Remote aligning of critical magnitudes of voltage and current in traction substations. A. A. Negarov, Trudy TSNII MPS no. 336:204-211 '67.
- Results of testing an experimental model of a power dispatcher's network analyzer. M. F. Kreshin, N. N. Privezentsov, Trudy MIIT no. 238:4-10 '67.
- Selection of basic parameters of a specialized device for testing into the "Ural-2" digital computer the information types of an MIIT automatic digital recording device. B. A. Beskov, Trudy MIIT no. 238:62-85 '67.
- Selection of means for regulating voltage and reactive power in a. c. traction networks. A. I. Rykachev, Trudy MIIT no. 238:56-71 '67.
- Smooth regulation of rectified voltage in electric locomotives with thyristors. B. N. Tikhmenev, V. A. Golovanov, I. U. A. Basov, Trudy TSNII MPS no. 312:16-22 '66.
- Smooth regulation of rectified voltage in electric trains with thyristors. L. D. Kapustin, Trudy TSNII MPS no. 312:33-47 '66.
- Smooth regulation of voltage in traction motors of electric open phase d. c. rolling stock with thyristors. B. M. Tikhmenev, V. A. Golovanov, L. D. Kapustin, Trudy TSNII MPS no. 312:5-17 '66.
- Some principles of the design of transistor power directional relays. V. I. Ovtchuk, V. A. Bykov, Trudy TSNII MPS no. 336:42-53 '67.
- Some problems of operational work of a power dispatcher, quantitative analysis. E. F. Pokhev, Trudy TSNII MPS no. 336:105-120 '67.
- Stability of small-signal parameters of series-parallel connected thyristors. V. M. Abramov, V. S. Kozlov, Trudy TSNII MPS no. 336:150-160 '67.
- Study of currents and voltage of a transient operation in a. c. traction networks. R. I. Kosarev, Trudy MIIT no. 238:131-136 '67.
- Study of operating conditions of reducing gear housings of traction motors of the VL8 electric locomotive. M. P. Pakhomov and others, Nauch. trudy OMIIT 89:47-51 '67.
- Study of new electric equipment elements in a. c. electric locomotives. O. A. Nekrasov and others, Trudy TSNII MPS no. 312:103-125 '66.
- Supply of power to nontraction consumers of electrified railroads using a two-wire-rail system. A. I. Korovin, Trudy MIIT no. 238:125-130 '67.
- System for automatic reclosing of transmission lines of d. c. traction substations. V. A. Zimakov, Trudy TSNII MPS no. 336:121-126 '67.
- System for the conversion of direct current into electric locomotives. V. E. Rosenfeld and others, Elektricheskoye no. 8:1-7 Je '68.
- Thyristor control system in adjustable power installations of the electric rolling stock. O. I. Novikov, Trudy TSNII MPS no. 312:48-64 '66.
- Thyristor frequency converters for feeding asynchronous motors of a. c. electric locomotives. M. I. Abramov, G. I. Danilov, A. A. Sakovich, Trudy MIIT no. 239:156-162 '67.
- Transistor flip-flop relay network with different connections. V. I. Ovtchuk, G. K. Chigarkov, S. A. Popov, Trudy TSNII MPS no. 336:66-70 '67.
- Unseen sections in wheels of electric locomotives arising during the process of operation. M. P. Pakhomov, I. S. Nikiforov, Nauch. trudy OMIIT 89:37-48 '67.
- Unit for the automatic control of nonaligned voltage using compensating condenser batteries. V. A. Bykov and others, Trudy TSNII MPS no. 336:31-36 '67.
- Use of transistor comparison networks in protective relays and automatic equipment. V. I. Ovtchuk, V. E. Bykov, V. S. Medynichev, Trudy TSNII MPS no. 312:64-65 '67.
- Ways of improving voltage regulating equipment on d. c. railroads. A. A. Sakovich, G. F. Danilov, G. M. Votchkov, Trudy MIIT no. 238:144-155 '67.
- Working principle and effectiveness of an "automatic pilot". O. V. Fominskii, Trudy TSNII MPS no. 316:6-13 '67.

621.33(477)—Ukrainian S. S. R.

- Dual protection of outgoing lines. V. Zhikov, S. Rytkin, Zhil. i kom. khoz. 10 no. 2:20 F '68.
- 621.35 Applied electrochemistry. Cells. Batteries. Electrolysis, etc.
- Ammonium fluorosulfate electrolyte for cadmium plating. N. P. Gushin, V. A. Baranov, Izv. SO AN SSSR no. 11. Ser. khim. nauk no. 8:127-129 Ag '67.
- Determination of standard parameters for desalination electrolysis apparatuses. L. D. Ushakov, Vod. i res. tekhn. no. 3:30-23 '68.
- Electrostatic precipitator for continuous cleaning. M. A. Trof'lov, S. I. Khitrik, Strol. mat. 14 no. 8:12-13 Ag '68.
- Galvanizing parts with the help of ultrasonic waves. I. A. Timoshenko and others, Prom. Bel. 3 no. 6. 23.25 Je '68.
- Gas permeability of prog membranes in electrolytic cells for magnesium production. G. N. Svalov, Otkrytyy 33 no. 4:50-52 Ap '68.
- Mechanical properties of bright copper coatings. G. P. Gudzuk, V. L. Kisileva, Izv. vys. ucheb. zav.; khim. i tekhn. 11 no. 5:577-581 '68.
- Sisal plating. S. Krasnianskaya, Tekhn. i vooruzh. 26 no. 5:20 My '68.
- Steel plating of bearing seals. I. Vodianik, S. Toropynin, Tekhn. i sel. khoz. 28 no. 5:72-74 '68.
- Thermodynamic reasons for certain features of corrosion behavior of copper in acids. V. P. Bogdanov, M. I. Kadraiov, L. V. Kvialkovskii, Dokl. AN Tadzh. SSR 11 no. 2:37-39 '68.

621.39 (Continued)

Periodicals as an important form of documentary information on radioelectronics. V. S. Blaginin. NTI Ser. 1. no. 5:17-18 '68.
[Price list for assembling equipment] TSENK na montazh oborudovaniya, Izd. ofits. Moskva, Strizhbal. No. 32. [Equipment of enterprises of the electronic and radio industry] Oborudovanie predpriyatiy elektronnoy i radiopromyshlennosti, 1968. 62 p.
Rate of growth of aviation electronics increases. L. Kurlov. Av. kosm. no. 8:39-42 Ap '68.
Reference sheet. Radio no. 5:55-59 My '68.
Soldatnikov, V. A. [Electronic models] Elektronnye modeli. Moskva, "Znanie", 1968. 32 p. (Novoe v zhizni, nauke, tekhnike. Seriya "Radioelektronika i svyaz" 8).

621.38(471.6)—Northern Caucasus

There is a need for immediate solution. N. Pereverzev. Mat. tekhn. snabzhen. 1 no. 189:10 Ja '68.

621.382 Semiconductor devices

Calculation of thyristor switches operating into a motor rotor. V. V. Anfrushchuk, V. V. Andrushchuk. Izv. vys. uch. zaved. fiz. priro. II no. 4:55-59 '68.
Design of heat sinks for diodes and transistors. A. Agerv. Radio no. 6:17-18 Je '68.
Development of negative resistance in factory-made germanium and silicon diodes. I. I. Pivarskiy, S. A. Bekasov. Vestnik AN BSSR. Ser. fiz.-mat. nauk. no. 1:37-41 '68.
Devices for measuring the capacitance of varactor diodes at liquid nitrogen and helium temperatures. U. A. Lur'e, N. A. Rozanov. Izv. tekhn. no. 11:93-94 N '68.
Inactivation of impurity atoms with diffusion proceeding in several stages. M. A. Bryanskikh. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk. 12 no. 2:51-55 '68.
Effect of the control and protection circuits of a transistor on its operating mode and output characteristics in transistor switching circuits of ignition systems. A. A. Rudkovskiy, I. N. Kolesnikov. Av. prom. 31 no. 3:23-29 Fe '68.

Majorov, S. A. [Design and manufacture of modules and micromodules] Proektirovaniye i proizvodstvo modulei i mikromodulei. Moskva, "Mashinostroyeniye", 1968. 168 p.

Markova, V. N., and N. A. Goshenko. [Miniature transistors] Maloliki PT. (2e izd.) Kiev, "Naukova dumka", 1967. 107 p. (Nauka, popul. literatura).
On the nature of the negative resistance in silicon diodes. G. M. Ayvakants, I. R. Altunyan, T. S. M. Altunyan. Dokl. AN Arm. SSR. 45 no. 4:152-156 '67.
Pevzner, I. M., and N. N. Tolmuyev. ["Vecer" and "Val's" television receivers using electron tubes and transistors] Lampovo-poluprovodnikovyye televizory "Vecer" i "Val's". Moskva, "Svyaz", 1968. 129 p. (B-k "Televiz. priemi." Vyp. 43).

Photodiodes with p-n heterojunctions on the base of cadmium selenide films. V. M. Komaritskiy, H. A. Fedotkin. Izv. fiz. zhur. 13 no. 1:88-90 Ap '68.
Properties of film-type Hall transducers from indium arsenide in a high constant magnetic field at the temperature of liquid helium. B. G. Lazarev and others. Dokl. AN BSSR. 191 no. 3:351-353 J '68.

Sizhin, N. P. [Development of the metallurgy of rare metals and semiconductor materials in the U. S. S. R.] Razvitiye v SSSR metallurgii i tekhnologii metallov i poluprovodnikovyykh materialov. Moskva, 1967. 136 p.

Study of the reliability of contactors obtained by a thermal compression method. N. N. Burova and others. Izv. vys. uch. zaved. fiz. priro. II no. 4:130-133 '68.

Use of semiconductor thermal regulators in agriculture. V. N. Andrianov and others. Prikl. tekh. fiz. no. 3:4-7 Mr '68.

Volt-ampere characteristics of electron-hole transistors in alpha and beta modifications of SiC. Sh. A. Mirzagalov, V. V. Morozkin. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk. 12 no. 2:46-50 '68.

621.383 Photoelectric tubes, cells, image converters

Cooling of photomultiplier tubes. G. M. Barenboim, A. N. Dananskii, V. F. Solonin. Prom. khim. reakt. i osobo hist. veshch. no. 8:253-262 '67.

Manykin, A. N., A. A. Krupelchuk, and I. I. Zavislovich. [Semiconductor devices in photoelectric regulation and control] Poluprovodnikovyye ustroystva fotoelektricheskogo kontrolya i upravleniya. Minsk, 1967. 38 p.

Photocells with p-n heterojunctions on the base of cadmium selenide films. V. M. Komaritskiy, H. A. Fedotkin. Izv. fiz. zhur. 13 no. 4:288-290 Ap '68.

Photoelectric unit for recording characteristics of weak fluorescence. G. M. Barenboim and others. Prom. khim. reakt. i osobo hist. veshch. no. 8:263-273 '67.

Testing of F-5 acid-activated cesium photocell in discharge lighting. G. I. Kabanov. Svetotekhnika 14 no. 6:21-23 Je '68.

621.384 Production of active rays, corpuscular beams

Attachment for the AI-100 apparatus for recording time-dependent Mössbauer spectra. U. M. Vysotskiy, A. P. Fedorov. Vestnik AN BSSR. Ser. fiz.-mat. nauk. no. 1:119-121 '68.

Effect of geometric parameters of a triode electron gun on the magnitude of the autoresonance potential. A. N. Kabanov, A. A. Kufurov, E. P. Starostin. Izv. AN BSSR. Ser. fiz. 32 no. 7:1192-1194 J '68.

Increasing the sensitivity of an MKH1303 mass-spectrometer in analyzing materials. A. A. Kravchenko. Zav. lab. 34 no. 6:622-624 '68.

Linear proton accelerator with 2.5 Mev. on thin wave. M. E. Krasovskiy, I. M. Ulanov, P. M. Zhelezitskiy. Izv. AN BSSR. Ser. fiz. 32 no. 4:553-556 Ap '68.

1.063 billion electron volt cybernetic acceleration. A. I. Mints, P. I. Piroda. no. 4:8-15 Ap '68.

Plasma electron source at the base of a glow cathode. F. M. Dolginov, S. I. Babakov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1252-1256 J '68.

Possibility of using sources of infrared rays in ship remote sensing. E. V. Sorokin. Trudy Svyaz' i Radioelektronika. 17:54-56 '67.

Vapor composition over lead oxide. E. K. Kazenas, D. M. Chizhikov, I. U. V. Tsvetkov. Dokl. AN BSSR. 181 no. 1:158-159 P '68.

Zhelezitskiy, G. I. [High-voltage electron beams] Vysokovoltovyye elektronnyye puchki. Moskva, "Energiya", 1968. 240 p.

621.384(479.25)—Armenian S. S. R.

Arus, the Armenian accelerator. A. Alkhanian. Prom. Arm. 10 no. 7:3-6 '68.

621.385 Electronic discharge tubes

Condenser of the electron microscope with a condenser objective lens. U. S. Vorogin, V. N. Verzhner. Izv. AN BSSR. Ser. fiz. 32 no. 7:1153-1157 J '68.

Contrast of electric micropoles in an electron microscope not having objective aperture. N. N. Selov and others. Izv. AN BSSR. Ser. fiz. 32 no. 7:1140-1145 J '68.

Determining the limiting requirements for the stability of the accelerating voltage potential and currents of electron microscope lenses. A. V. Izrael, V. V. Polkovnikov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1157-1160 J '68.

Development of the theory of forming image contrast of a p-n transition in a scanning microscope. G. V. Spivak and others. Izv. AN BSSR. Ser. fiz. 32 no. 7:1124-1129 J '68.

Effect of construction characteristics of the mechanism of object shifting on the mechanical stability of an electron microscope. P. A. Soloviyev. Izv. AN BSSR. Ser. fiz. 32 no. 7:1147-1156 J '68.

Effect of dielectric poles on the phase velocity of spatial harmonics in a delay system with periodic structure. L. N. Loshakov. Radiotekhnika 23 no. 4:85-89 Ap '68.

Electromagnetic signalizer of the objective of an electron microscope. R. A. Steinhilber and others. Izv. AN BSSR. Ser. fiz. 32 no. 7:1116-1119 J '68.

Emulsion microscope with gas-liquid pumping system. A. V. Dzhintov, A. A. Isakov, N. S. Korotkov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1275-1278 J '68.

Local parameters of cathode materials. B. B. Shchukin, G. V. Spivak, V. M. Pumpyr. Izv. AN BSSR. Ser. fiz. 32 no. 7:1169-1174 J '68.

Measuring the magnetic micropoles according to their representation in an electron microscope. G. V. Spivak and others. Izv. AN BSSR. Ser. fiz. 32 no. 7:1154-1158 J '68.

Objective lens of an electron microscope with large magnification factor. P. A. Steinhilber, V. V. Mosolov, D. B. Titkov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1124-1129 J '68.

Pulse magnetron tester. K. Dillman, L. Panchenko, V. Serovskiy. Tekhn. i teoret. 26 no. 2:41-45 P '68.

Representation of magnetic micropoles in an electron microscope with objective aperture. N. N. Selov, G. V. Spivak, V. G. Dinkov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1134-1139 J '68.

Shchukin, E. L., R. U. Vasserman, and L. S. Malozol. [Work in chemical technology in the manufacture of electronic and vacuum devices] Tekhnologicheskaya rabota v khimicheskoy promyshlennosti. Moskva, "Vyssh. shkola", 1967. 352 p.

Simple leak detector for an electron microscope. I. A. Razumov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1101-1103 J '68.

Shielded oxide cathode with a nickel layer. Part 2. I. A. Mosolov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk. 12 no. 2:83-85 '68.

Solution of an inverse problem on the contrast of micropoles in an electron microscope. N. N. Selov. Izv. AN BSSR. Ser. fiz. 32 no. 7:1175-1184 J '68.

Studying certain properties of a vidicon at a variable readout rate as applied to a television-computing device. Ch. A. Efendiev. Izv. AN Az. SSR. Ser. fiz.-tekh. i nat. nauk. no. 2:12-16 '68.

Transistor sine wave power oscillator. A. A. Alkhafayev, G. A. Ali-Zade, A. I. Pogudin. Za tekhn. prog. 6 no. 3:5-7 Mr '68.

Use of shutters with deflecting plates in avroscopic electron microscopes. G. V. Spivak and others. Izv. AN BSSR. Ser. fiz. 32 no. 7:1111-1114 J '68.

Verification of the theory of the formation of the image contrast of magnetic micropoles in an electron reflecting microscope. G. V. Spivak and others. Izv. AN BSSR. Ser. fiz. 32 no. 7:1211-1216 J '68.

621.386 X-ray tubes and accessories

A thin germanium monochromator for X radiation. N. M. Sitova, M. M. Olekhovich. Vestnik AN BSSR. Ser. fiz.-mat. nauk. no. 1:111 '68.

621.387 Gas-filled tubes, counters, thyristors

Efficiency of a pulsed diode detector. M. A. Strizhenov, and others. Izv. fiz. zhur. 13 no. 4:547-552 Ap '68.

Preparation of scintillation p-counterphosphor. V. F. Poduzhatko and others. Prom. khim. reakt. i osobo hist. veshch. no. 8:65-67 '67.

Scintillation detector for Gamma-radiation monitoring in a wide energy range. S. P. Voroshnina, G. P. Zayatschenko, I. A. Tshirina. Prom. khim. reakt. i osobo hist. veshch. no. 8:274-276 '67.

Testing a thyristor. V. Makarov. Tekhn. i teoret. 26 no. 5:9 My '68.

621.389 Other electronic apparatus

For higher quality of electronic measurements. V. I. Volynov, V. I. Terentov. Izv. tekhn. no. 1:1-3 P '68.

621.39 Telecommunication

Competition for the title "Best Telecommunication Enterprise." N. M. Gurikov. Vest. aviaz. 24 no. 4:21-22 Ap '68.

Intercommunication workers. Vest. aviaz. 24 no. 7:25-27 J '68.

[Price list for assembling equipment] TSENK na montazh oborudovaniya, Izd. ofits. Moskva, Strizhbal. No. 32. [Equipment of enterprises of the electronic and radio industry] Oborudovanie predpriyatiy elektronnoy i radiopromyshlennosti, 1968. 62 p.

[RF cables] Kabeli radiochastotnyye. GOST 11324-12-61. GOST 11328. 69-87. Izd. ofits. Moskva, [Izd. i razrab. 1961]. 1060. 66 p. (Gos. standarty SSSR).

621.391 General electrical (communication) problems. Kolesnik, V. D., and E. T. Mironchikov. [Prilozheniya k tsiklicheskoy kolektse] Delovennyye funktsionnyye kolektse. Moskva, "Svyaz", 1968. 251 p.

Measurement of transmission and reflection coefficients of microwave crystal converters. A. I. Alkhafayev, G. V. Spivak. Izv. tekhn. no. 11:88-90 N '68.

Possibility of using iterated codes for transmission of metric information in industrial radio systems. E. A. Karanov. Za tekhn. prog. 6 no. 5:1-3 My '68.

Self-synchronization of discrete communication systems. D. M. Dmitriyev. Radiotekhnika 23 no. 4:109-116 Ap '68.

Signal correlation and signal spectrum of a multi-channel communication system. A. P. Bikhshin. Izv. tekhn. no. 23 no. 4:39-43 Ap '68.

Signal envelope and some of its properties. V. I. Kolesnik. Radiotekhnika 23 no. 4:11-18 Ap '68.

Special features of elements consisting of a wideband filter, narrow band stage, frequency divider, and a filter. I. M. Davydov. Radiotekhnika 23 no. 4:11-18 Ap '68.

Study of the stability of two-channel systems with asymmetric cross coupling. I. I. Alkhafayev, G. V. Spivak. Izv. tekhn. no. 11:88-90 N '68.

Vysokomolodnaya konfertsia po informatsionnoy teorii i statisticheskoy teorii. [Vysokomolodnaya konfertsia po informatsionnoy teorii i statisticheskoy teorii]. 31. Moskva, 1968. [Izd. i razrab. 1968]. 1060. 66 p. (Gos. standarty SSSR).

Nonlinear Systems and Self-Organization and Their Applications. In four volumes. Trudy Vsesoyuznogo nauchnogo tsentra po teorii i praktike avtomaticheskogo upravleniya. Moskva, 1968. 1060. 66 p. (Gos. standarty SSSR).

T. 3. [Automatic reading equipment] Avtomaticheskoye chitaniye dokumentatsii. Trudy Vsesoyuznogo nauchnogo tsentra po teorii i praktike avtomaticheskogo upravleniya. Moskva, 1968. 1060. 66 p. (Gos. standarty SSSR).

621.394 Telephony

Automatic switching-in of standby apparatus. V. A. Zharinov. Vest. promyshl. nauk. no. 7:17-18 Je '68.

Design of electronic telephony receiving apparatus. V. A. Zharinov, V. A. Zharinov, V. A. Zharinov. Vest. aviaz. 24 no. 6:61-64 N '68.

Method for determining the accuracy of transmission of voice-frequency telephony channels. V. A. Zharinov. Vest. aviaz. 24 no. 6:13-14 N '68.

A telephony machine. V. Mikhaylov. Av. kosm. no. 3:4-7 Mr '68.

621.395 Telephony

Control and measuring stations in long-distance telephone lines. V. B. Verzhner, K. K. Nikol'skiy. Vest. aviaz. 24 no. 2:8-10 P '68.

Experience in adopting coupling and signaling systems for multiple lines. V. A. Andrianov, V. I. Terentov. Izv. tekhn. no. 11:88-90 N '68.

Influence of potentials in increasing the profitability of telephone exchanges. N. E. Polupryva. Izv. tekhn. no. 11:88-90 N '68.

Improved transceiver of KRR-30 apparatus. V. A. Zharinov, B. A. Kuznetsov. Vest. aviaz. 24 no. 5:10-11 M '68.

Leading communication centers of technical equipment. Vest. aviaz. 24 no. 4:28-30 Ap '68.

Organization of work in the telephone department in long-distance telephone exchanges. I. A. Sitova. Vest. aviaz. 24 no. 2:23-24 P '68.

Power systems in dredge mining of placer deposits for transmission of information. A. F. Il'yushkin, A. F. Il'yushkin, A. F. Il'yushkin. Trudy Svyaz' i Radioelektronika. 17:54-56 '67.

The quality of rural telephone systems should be raised to that of the municipal ones. E. M. Tunk. Vest. aviaz. 24 no. 2:16-18 P '68.

Some correlations for magnetic induction waves. N. A. Nartov, D. A. Grochinskiy, V. G. Rygalin. Trudy Svyaz' i Radioelektronika. 17:54-56 '67.

Standardization of technical regulations on GFR for telephone cables with plastic insulation and sheathing. A. N. Gallova, N. E. Eroseeva, D. L. Sharik. Vest. aviaz. 24 no. 2:12 P '68.

Application of automated pneumatic elements of the universal system of elements of industrial refrigeration in coal mines. A. S. Lazovskiy, A. S. Kol'yakh, I. E. Larin. Mekh. i avtom. prozv. 22 no. 128, 15, 1966.

Assembly of process and manifold piping in the compressed stations of the gas pipelines from Soviet Central Asia to Central Russia. I. N. Spektor and others. Stroitel'stvo, 13 no. 5:27-29 May '68.

Automated ammonia compressors. I. G. Shumel'skiy and others. Khim. tekhn. 45 no. 3:4-7 May '68.

Automatic control of the cooling capacity of freon compressors. V. S. Shcherbakov. Khim. tekhn. 45 no. 3:10-13 May '68.

Automatic regulation of temperature conditions of ammonia compressors. L. K. Vasserman and others. Mekh. i avtom. prozv. 22 no. 4:4-6 '68.

Casualty refrigerating machinery. A. G. Gafarov. Khim. tekhn. 45 no. 6:53-55 May '68.

Cherkaesskiy, V. M., T. M. Romanova, and R. A. Kavil'. [Pumps, compressors, and fans] Kasosy, kompressory, ventilatory. Izd. 2-e, pererabot. i dop. Moskva, "Energiya," 1968, 304 p.

Cold storage warehouses built on heaving grounds. V. I. Pirogov. Khim. tekhn. 45 no. 6:31-33 May '68.

Continuous-action pumps for transporting morlar. E. M. Koganovich. Mekh. stroit. 25 no. 8:28-27 Aug '68.

Cooling of photoluminescent tubes. G. M. Barenboim, A. N. Domanskii, V. F. Solomatin. Prom. khim. reak. i osoba chist. veshch. no. 8:253-262 '67.

Determining indicators of polytropic compression and gas expansion in cylinders of piston compressors. N. B. Radinov. Za tekhn. prog. 8 no. 7:27-28 May '68.

Economic operation of the refrigeration equipment of refrigerator railway cars. N. V. Dom'tan'kov, M. I. Lyayenko, V. R. Puzlov. Khim. tekhn. 45 no. 3:18-23 May '68.

Effect of physical properties of gas and design parameters of the cylinder on the performance of piston compressors. N. B. Radinov. Za tekhn. prog. 8 no. 7:30-33 May '68.

Effect of pipelines and air pressure on the operation of electropneumatic distributors. V. F. Pecheat. Trudy Dnepr. Inst. cher. met. 27:181-185 '67.

Experimental study of a chamber with an air-radiative system for intensive chilling of meat. M. A. Gerasimov, D. N. Mal'tsevskiy. Khim. tekhn. 45 no. 3:37-42 May '68.

Heat pumping unit for dairy and stock farms. R. I. Danilov, G. A. Derjokova, I. I. Gura. Khim. tekhn. 45 no. 3:35-37 May '68.

Improve the planning of cold storage warehouses of meat combines. I. P. Rykuzinnko. Khim. tekhn. 45 no. 6:1-3 May '68.

[Journal of abstracts: Manufacture of pumps and compressors] Ref. zhur.: Nabosoini i kompressoini. no. 8 Aug '68.

Industrial air pneumatic. P. E. Sushakov, S. A. Zanevskiy, IU. V. Lavronov. Vest. vuz. shkoly 26 no. 7:71-82 May '68.

Merkulov, A. P. [With the brain of man and the muscles of automatic machines] Iznuzheno cheloveka, umskulami avtomaticheskikh mashin. Moskva, "Mashinostroenie," 1967, 108 p.

Method for telecontrolling the performance of KVG-5 and 1-KVG-6 compressors. I. Sh. Kuvlov. Za tekhn. prog. 8 no. 7:4-6 May '68.

Oil separators. A. I. Shvartov. Khim. tekhn. 45 no. 6:56-57 May '68.

Primary Conference of the 12th International Congress on Refrigeration. D. G. Il'mov, I. M. Gindlin. Khim. tekhn. 45 no. 3:52-56 May '68.

Pneumatic gauges for checking the noncircularity of openings. P. S. Dorus. Izv. tekhn. no. 11:75-76 N '68.

Pneumatic vibration device. V. M. Chernovol. Mashino-stroitel' no. 5:30 May '68.

Problems of increasing the reliability of thermoelectric lattices. V. A. Efimov, S. S. Lyapunov, I. I. Mandzik. Khim. tekhn. 45 no. 3:16-16 May '68.

Problems of the methanol cycle for calculating the cost of paraffin recovery by electric submersible pumps. TS. A. Khizhina, I. A. Kaban'vich. Izv. vuz. uchib. zav. i nef't' i gaz 9 no. 2:100-111 '68.

Questions and answers. I. S. Baily'tsev, I. M. Gindlin. Khim. tekhn. 45 no. 3:40 May '68.

Raise the technical level of refrigeration in the meat and dairy industry. Khim. tekhn. 45 no. 3:1-3 May '68.

Report of Commission 5 of the 12th International Congress of Refrigeration. I. M. Gindlin. Khim. tekhn. 45 no. 6:49-53 May '68.

Selection of working conditions for automatic temporary regulators. P. I. Lazarev. Khim. tekhn. 45 no. 3:13-15 May '68.

Seminar conference on basic trends in planning modern cold storage warehouses for fruit storing. Khim. tekhn. 45 no. 6:44-45 May '68.

Some problems of operating from refrigerating machinery. A. G. Gashov. Khim. tekhn. 45 no. 6:41 May '68.

Studying the coefficient of heat transfer of split fin. A. G. Tkachov, I. I. Strizhev. Khim. tekhn. 45 no. 3:24-27 May '68.

Testing refrigerating compressor friction pairs lubricated with different oils. G. V. Ikhvat'kiy, V. P. Berlud, V. I. Klomenn. Khim. tekhn. 45 no. 6:4-6 May '68.

Two-stage compression ammonia refrigerating units with rotary buster-compressors. V. S. Shumov. Khim. tekhn. 45 no. 3:50-61 May '68.

Two-system feed of the shell-and-tube from evaporator according to superheat. V. S. Uzhanskiy. Khim. tekhn. 45 no. 3:7-10 May '68.

Use of coupling boxes in the production of refrigerating units. L. G. Lushnikov, N. N. Filimonov, M. E. Malinovsky. Khim. tekhn. 45 no. 3:43-45 May '68.

Use of refrigerating machinery for cooling powerful electric generators. L. M. Rozent'fild and others. Khim. tekhn. 45 no. 6:6-9 May '68.

Small block-type refrigerating units manufactured in the Czecho-Slovakia S. S. R., V. Skrivan, Khol. tekhn. 45 no. 3:57-59 Mr '68.

621.5 (471.311)—Moscow Province

Large cold storage warehouse with a department for fruit processing, V. F. Kokaruk, Khol. tekhn. 45 no. 6:27-38 Je '68.

621.5 (474.2)—Estonian S. S. R.

Automation of low ground air colors of the Tallin Meat Canning Co. Ltd., H. I. Kolodt and others, Khol. tekhn. 45 no. 6:34-35 Je '68.

621.5 (476)—White Russian S. S. R.

Unit for testing of assembly parts of household compression refrigerators, A. D. Maltcharchuk, V. G. Usenko, Khol. tekhn. 45 no. 3:46-48 Mr '68.

621.5 (575.1)—Uzbek S. S. R.

New cold storage warehouse in Tashkent, Khol. tekhn. 45 no. 6:30-31 Je '68.

621.6 Fluid distribution. Storage containers. Pipes. Pumps

All-Union economic conference and economic reform in construction, I. A. M. Kuiperman, Stroitel'stvo, 13 no. 7:6-7 Ji '68.

Applying insulation to 1220 mm. pipes, Stroitel'stvo, 13 no. 5:35-36 My '68.

Assembly of process and manifold piping in the compressor stations of the gas pipeline from Soviet Central Asia to Central Russia, I. B. Spokor and others, Stroitel'stvo, 13 no. 5:27-29 My '68.

Automatic control of drainage pump units and purifying rotary screens, E. S. Naushakov and others, Za tekhn. prog. 6 no. 3:1-4 Mr '66.

Automatic line for cutting and chamfering pipes, E. P. Verger, R. D. Kats, Mekh. i avtom. proizv. 22 no. 4:1-2 '68.

Automation and remote control of deep pumping - out in hydraulic engineering, A. M. Veselov, Gidr. stroit. i inzh. 1:39-41 Ja '68.

Calculating closed cylindrical non-circular shells (pipes), G. A. Meidter, Za tekhn. prog. 8 no. 7:31-33 Ji '68.

Calculating nonisothermal rectilinear above-surface pipelines taking into account the spatial form of axial bending, P. P. Burdakov, L. I. Bykov, Izv. vuz. mash. stav. i inzh. 1:62 II no. 2:75-80 '63.

Calculating the plane shutter of a valve gate for nitrogenness, taking into account the effect of self-heating, R. A. Ruzhantsev, P. L. Karoslavskii, Azerb. neft. khuz. 47 no. 6:43-44, 47 Je '68.

Calculating the resistance of pipelines to brittle failures, L. S. Leshchis, Stroitel'stvo, 13 no. 3:18-20 Mr '68.

Causes for the appearance of cracks in prefabricated foundations of gas turbine units, V. N. Samoilenko, G. I. Gitman, Stroitel'stvo, 13 no. 5:20-22 My '68.

Causes of pipe cracking during rolling, A. P. Chikanarev, L. I. Vukin, V. B. Kucherenko, Nauch. i inzh. Dali no. 32:338-344 '67.

Control for welding and insulating pipe sections with diameters up to 1400 mm, I. T. Zinov, N. F. Pochanovskii, Stroitel'stvo, 13 no. 5:24-27 My '68.

Compressorless sprayer, N. V. Ponomarev, B. S. Pashkovich, Stroitel'stvo, 13 no. 5:34 My '68.

Construction specifications and regulations, Stroitel'stvo i inzh. 1: pravila, izd. ofits. Moskva, Stroizdat.

Ch. 3, Razd. D. Gl. 10. [Main pipelines. Regulations for the construction work of organization, execution of work, and acceptance of completed work] Organizatsiya i inzh. stroitel'stvo. Pravila organizatsii i stroitel'stva, proizvolstva i rabot i priemki v ekspluatatsii, SN i P III-D. 10-02, Uv. 28/V 1004 g. 1008, 24 p.

Construction work in the gas industry should be carried out by permanent highly qualified personnel, N. V. Gromov, Stroitel'stvo, 13 no. 7:1-3 Ji '68.

Control system for water flow regulation in irrigation systems, V. M. Plotnikov, I. V. Kupetski, Prikl. i stat. inzh. no. 3:30-32 Mr '68.

Cutting underwater trenches with the use of a powerful hydraulic dredge, V. M. Tsvetkov, Stroitel'stvo, 13 no. 7:29-31 Ji '68.

Designing communication tunnels in prepared territories, V. V. Ivanov, G. L. Vinnitskii, I. S. Dubinskii, Stroitel'stvo, 13 no. 7:18-22 Ji '68.

Determining the wear of flat frictionless pairs of hydraulic pumps, V. S. Grinov, I. U. L. Skangol', V. G. Shulakov, Trudy MFT no. 232:87-93 '68.

Developing equivalent lengths calculation method of a round conduit, V. L. Abramov, Gidr. stroit. 38 no. 7: 64 Ji '68.

Development of the enterprises in the construction industry in the current decade, N. I. Vovchenko, Stroitel'stvo, 13 no. 7:8-10 Ji '68.

Economic effectiveness of using asbestos cement pipes for gas pipelines, F. L. Davydova, V. Sh. Rabinovich, Stro. mat. 13 no. 6:20-21 My '67.

Effect of surface wettability, the magnetic field and an electrostatic charge on the resistance in smooth pipes, M. B. Krovoshina, Izv. VNIIG 76:243-252 '64.

Effect of the gap on the stressed state of the thread root, L. F. Aliev, Za tekhn. prog. 8 no. 6:28-31 My '68.

Effect of the structure of gas-liquid mixtures on porous dynamic diagrams of deep-well pumps, E. M. Mamedov, N. N. Repta, G. A. Babalina, Azerb. neft. khuz. 47 no. 6:26-28 Je '68.

Efficiency of automatic pumping stations under various operating conditions, O. P. Mikhayev, Vod. i san. tekhn. 5:22-26, 15v '67.

svaynye, GOST 107104-83 - GOST 10707-83, Izd. chita. Moskva, [Izd. standartov], 1967. 20 p. (Gos. standarty SSSR).

Expanded competitions for fulfilling the five-year plan ahead of time. Strel. truboprov. 13 no. 1-3 17 Mr '68.

Flow of a two-component viscous fluid past a cylindrical body situated in a vertical pipe column. Zh. A. Zaritskiy, I. S. Gurbayev. Izv. vys. ucheb. zav., nef'ti i gaz II nn. 2:63-66 '68.

For the good of our country. Strel. truboprov. 13 no. 4:5 Mr '68.

Heat transfer and aerodynamic resistance of elements of tubes with transverse spill fins. V. B. Kuznetsov, M. M. Lokshinov. Khim. tekhn. 45 no. 6:14-18 Ju '68.

High-pressure normal hydraulic pump. R. V. Veksel's, S. I. Ilyin. 39 no. 3:42-43 Mr '66.

Dynamic evaluation of working conditions in the operation of pipeline machines. N. Kh. Gutarskiy. Strel. truboprov. 13 no. 7:34-37 Ju '68.

Improvement in pipeline construction. P. Korotkiy, R. Ivanov. Neftnik 13 no. 6:31 Ju '68.

Improving the technology and equipment of the remote welding of 1220 mm. pipes of the Ukhla - Torzhok gas pipeline. A. A. Bekker and others. Strel. truboprov. 13 no. 5:24-25 Mr '68.

Increasing the reliability of the reserve of wash water and picking water pumps. Energetik 16 no. 7:26 Ju '68.

It is necessary to put in order specifications for design and building gas pipelines. A. A. Blokhin, M. A. Zarkava, N. A. Skafimov. Strel. truboprov. 13 no. 3:48-39 Mr '68.

Journal of abstracts: Manufacture of pumps and compressors. Tekhn. i Nazosost. i kompressorsost. no. 8 Ag '68.

Laboratory manual on hydraulics and hydraulic machines (pumps). Laboratorniy praktikum po gidravlike i gidravlicheskim mashinam (nasosam). Pol ot st. red. I. A. T. Kovaleva i I. A. M. Vilkova. Izd. 2-ye, pereizd. 1 dop. Minsk, "Vysheish. shkola," 1967. 34 p.

Laminar flow of Keroson media inside a circular tube and in a space between parallel plates. A. M. Sklyar. Izv. vys. ucheb. zav.; fizich. tekhn. no. 2:178-177 '68.

Laying an underwater pipeline having a diameter of 1,220 mm. with a smaller number of joints. N. A. Golovin. Strel. truboprov. 13 no. 3:28-20 Mr '66.

Maintenance of machines on pipeline routes. V. I. Politskov, I. A. Dmitriyevskiy. Strel. truboprov. 13 no. 5:11-16 My '68.

Methodology for the calculation of the heat transfer coefficient of liquid condensation on a cluster of horizontal tubes. G. N. Danilova, O. P. Ivanov, S. V. Khilarskiy. Khim. tekhn. 45 no. 6:10-14 Ju '68.

Mobile station pumping unit. A. Sokolov, A. Korotkiy, S. Fisenko. Tekhn. v sel'khoz. 28 no. 6:41-42 '61.

Modern methods of pump regulation in water supply systems. V. S. Puzov. Vod. i san. tekhn. no. 2:18-19 My '67.

New gas and petroleum pipelines. Strel. truboprov. 13 no. 3:4-7 Mr '68.

New process for phosphatizing lost joint threads of drill pipes. I. F. Kuznetsov and others. Za tekhn. prog. 4 no. 5:31-32 My '68.

Pipe-fittings for general use. Return, lift, sleeve, and flange valves for P_y 10-40 kgf/cm². Armatura truboprovodnaya obshchego naznacheniya. Klapyary upravlyayemyye pod'emnyye i spusknyye i flansovyye na P_y 10-40 kgf/cm². GOST 11616-60 - GOST 11623-66. Izd. ofits. Moskva, [Izd. standartov], 1968. 51 p. (Gos. standarty SSSR).

Pipe-fittings for general use. Shut-off valves made of malleable cast iron. Armatura truboprovodnaya obshchego naznacheniya. Ventili zapornyye iz kachestvogo chuguna. GOST 11440-65 - GOST 11450-65. GOST 11461-65 - GOST 11471-65, GOST 5761-65. GOST 4000-66. Izd. ofits. Moskva, [Izd. standartov, 1967]. 100 p. (Gos. standarty SSSR).

Pipe-fittings for general use. Shut-off flange valves made of stainless steel for P_y 10 kgf/cm². Armatura truboprovodnaya obshchego naznacheniya. Ventilizapornyye flansovyye iz korrozionnostoikiy stal na P_y 16 kgf/cm². GOST 12865-67 - GOST 12880-67, GOST 12117-67. Izd. ofits. Moskva, [Izd. standartov, 1968]. 22 p. (Gos. standarty SSSR).

Pipeline joints with pipe unions. Soedinitelnyye truboprovodnyye soynnyye mutfily GOST 11112-67 - GOST 11121-67. Izd. ofits. Moskva, [Izd. standartov], 1968. 42 p. (Gos. standarty SSSR).

Possibility of decreasing the amount of steel in the construction of oil tanks. S. R. Kofman. Strel. truboprov. 13 no. 3:9-11 Mr '68.

Problems of design and use of superhigh-pressure pipes. T. M. Zharitskiy. Vest. mashinost. 48 nn. 2:3-7 F '68.

Relation of the coefficient of local resistance to the Reynolds number in the flow of paraffin-based paraffins. D. E. Shikhinskaya. Izv. vys. ucheb. zav., nef'ti i gaz II nn. 2:59-62 '68.

Displacement of metal plungers and seal fillers of control valves with polytetrafluoroethylene resin ones. A. M. Furtsikhin. Energetik 16 no. 4:20-21 Ap '68.

Redesigning of the thrust bearings of 12KSV-303 pumps. V. I. Mindin. Energetik 16 no. 7:19-20 Ju '68.

The SNP-500/10 mobile pumping station. I. S. Ishkov. Tekhn. v sel'khoz. 28 no. 6:39-40 '68.

Socialist obligations of the workers of the Ministry of the Gas Industry for ahead-of-schedule fulfillment of the five-year plan and assignments in 1968 in honor of the centennial of the birth of V. I. Lenin. Strel. truboprov. 13 no. 5:6-10 My '68.

Some conclusions and recommendations based on experience in building the northern part of the Ural-Balyk-Omsk petroleum line. G. E. Lavrov, A. P. Ushakov. Strel. truboprov. 13 no. 3:4-7 Mr '68.

52.6 (Continued)

- Stress parameters of superlarge gas pipelines. A. M. Zil'berstein, I. P. Petrov. *Stroitel'stvo*, 13 no. 7:10-13 JI '68.
- Stability of thin-walled cylindrical shells. V. M. Kulakov. *Stroitel'stvo*, 13 no. 3:21-23 Mr '68.
- Static optimization of operating conditions of annular gas collectors. D. B. Bataevov, Z. A. Korimov. *Izv. AN Azerb. SSR. Ser. fiz.-tekh. i nat. nauk* no. 2:17-21 '68.
- Study of the hydraulic base of feed pumps. L. E. Chegurko, A. N. Turkin. *Elek. sta.* 39 no. 4:32-35 Ap '68.
- Test-drain stuffing-box cocks made of brass for 10 kgf/cm². Krany prubno-spusknye sal'nikovye lalunye na Py 10 kgf/cm². GOST 8730 - 67, GOST 13212 - 67. Izd. ofits. Moskva, [Izd. standartov], 1968. 28 p. (Gos. standarty SSSR).
- Testing prestressed elements of a tank of liquefied gases. B. A. Kalashnikov, V. A. Yanayev. *Stroitel'stvo*, 13 no. 1:15-18 JI '68.
- Total and component capacitances of the immersion motor of an electric pump when pumping an oil-water-gas mixture. A. M. Pogorelskiy, R. V. Babayev. *Za tekh. prog.* 6 no. 6:12-13 My '68.
- Typical designs of open air pumping stations with axial flow pumps. A. L. Polovets. *Trudy Giprovdokhoda* no. 21:21-33 '62.
- Use of models in planning the organization of construction work. V. D. Slapirko. *Stroitel'stvo*, 13 no. 5:16-18 My '68.
- Welding and filling operations in laying a pipeline with a 1,227 mm diameter. *Stroitel'stvo*, 13 no. 3:34-36 Mr '68.
- Welding and sealing small diameter sections on a centralized base. M. Kh. Khushnulinov. *Stroitel'stvo*, 13 no. 7:27-28 JI '68.
- Work program for the creation of super-powerful fields and gas pipelines. *Stroitel'stvo*, 13 no. 5:11 My '68.
- Water hammer in pipelines originating under certain conditions during start. N. P. Yakovlev. *Trudy VNIIM* 43:65-95 '65.
- Water tower management. P. Dovgich. *Tekhn. v sel'sk. khoz.* 28 no. 5:50-51 '68.

621.6(471.13)—Komi A. S. S. R.

- Studying the performance of pipelines in the northern regions. V. V. Spiridonov, A. S. Gokhman. *Stroitel'stvo*, 13 no. 3:14-15 Mr '68.

621.6(471.41)—Tatar A. S. S. R.

- Result of using capital assets on the indices of labor management. V. I. Kirichenko. *Stroitel'stvo*, 13 no. 3:26-28 Mr '68.

621.6(471.62)—Tashkent A. S. S. R.

- Optimum depth for running pipes with protective coating into the soil. V. A. Rasakozov and others. *Notoprom. slo* no. 6:24-27 '68.

621.6(477)—Ukrainian S. S. II.

- Flat standard-stock closer for pipes. I. I. Dardak. *Stroitel'stvo*, 13 no. 3:37 Mr '68.

621.6(571.12)—Tyumen' Province

- Preparing for the construction of the Mesenayakh-Budinka - Norilsk gas pipeline. V. V. Viktorov. *Stroitel'stvo*, 13 no. 5:12-14 My '68.
- Studying the performance of pipelines in the northern regions. V. V. Spiridonov, A. S. Gokhman. *Stroitel'stvo*, 13 no. 3:14-15 Mr '68.

621.6(574)—Kazakh S. S. R.

- Efficient methods of laying pipelines through salines. R. M. Ikonnikov, V. V. Leonov. *Stroitel'stvo*, 13 no. 3:7-9 Mr '68.

621.6(576)—Central Asia

- Preventing sand blowouts in the construction of pipelines in deserts. V. P. Cherevichnikov. *Stroitel'stvo*, 13 no. 7:13-14 JI '68.

621.6(576.4)—Turkmen S. S. II.

- Efficient methods of laying pipelines through salines. R. M. Ikonnikov, V. V. Leonov. *Stroitel'stvo*, 13 no. 3:7-9 Mr '68.

- 621.7 Workshop practice. Plastic working, forming Application of molybdenum disulfide coatings. A. P. Babichov, I. U. Andriushchenko. *Mashinostroitel' no. 5:23-24 My '68.*

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Repair of calorifier tractor undercarriage parts by casting. V. Stapanov, I. Lovliskil. *Tekhn. v sel'sk. khoz.* 28 no. 5:70-72 '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- [Machine parts. Design and construction. Handbook] Detail machine. *Ruschet i konstruirovaniye. Spravochnik. Pod red. N. S. Acherkani. Izd. 3-e, pereizdat. Moskva, "Mashinostroenie."*

- T. I. 1968. 440 p.

- Pressure-working of metals. P. Aslakhov. *Tekhn. v sel'sk. khoz.* 28 no. 5:76-77 '68.

- [Problems of the development of the technology of machine manufacture] Problemy razvitiya tekhnologii mashinostroyeniya. Pod red. E. A. Stetskiy. Moskva, "Mashinostroenie," 1968. 592 p.

- Stretching of iron-graphite compositions in endogas atmosphere. A. P. Lebedev, V. P. Antishina. *Prom. Met.* 9 no. 6:61-62 Je '68.

- Use of ultrasonic vibrations in cleaning heat exchangers. I. A. D. Kishinich and others. *Prom. energ.* 23 no. 3:14-16 Mr '68.

- Utilization and repair of DSS diffusers. A. I. Nakonechniy. *Sakh. prom.* 42 no. 1:32-33 Ja '68.

621.7(471.232)—Leningrad City

- [History of the Leningrad Metal Plant named after the 22d Congress of the CPSU] Leningradskiy metallicheskiy zavod. Istorika Leningradskogo metallicheskogo zavoda imeni XXII s'ezda KPSS. [Leningrad, "Mashinostroenie," 1967. 480 p.]

- T. I. Sergeev, N. S. [Metallworkers] Metallisty. 1967. 480 p.

621.7(471.53)—Perm Province

- [A plant on the Kama River] Zavod na Kame. Perm', Kn. izd., 1967. 214 p.

621.7(476)—White Russian S. S. R.

- By the plastic deformation method. I. P. Ageev. *Prom. Met.* 9 no. 6:47-48 Je '68.

- How turnover funds are being used. M. I. Chernovskaya. *Prom. Met.* 9 no. 6:5-6 Je '68.

621.73 Forges. Forge and hammer work

- Consolidated time norms for milling coupling die grooves. E. R. Gorbunov, A. N. Ilyov. *Stroitel'stvo*, 13 no. 3:35-36 Mr '68.

- Diamond-machining of hard-alloy cold upsetting tools. L. N. Kabanovskiy, V. K. Pulevko, G. Sh. Levina. *Mashinostroitel' no. 2:39 F '68.*

- Flashless die forging of high-speed tool blanks. A. Maslov, B. Tselin. *Stroitel'stvo*, 13 no. 3:31-32 Mr '68.

- Measuring strains inside a blank during transverse forging with the help of a strain gauge. V. P. Sovorodko, B. A. Katolin. *Dokl. AN BSSR* 12 no. 8:510-512 Je '68.

- Modeling the process of ingot reduction under different conditions. V. I. Zaleskiy and others. *Izv. vys. ucheb. zav.; chern. met.* 11 no. 7:73-78 '68.

- Numerical method of determining deformation during upsetting. V. K. Korotkiy. *Izv. vys. ucheb. zav.; chern. met.* 11 no. 7:70-81 '68.

- Surface camber following semiautomatic calibration. V. I. Zaleskiy, V. V. Bogomolov. *Izv. vys. ucheb. zav.; chern. met.* 11 no. 7:82-84 '68.

- Thermal conditions of blank and die during hot extrusion. V. P. Sovorodko, K. V. Broshov. *Dokl. AN BSSR* 12 no. 6:424-427 My '68.

621.74 Foundries. Foundry work

- The art of production in a foundry. N. N. Erman. *Mashinostroitel' no. 2:29-27 F '68.*

- Calculating the basic parameters of rotary ingot molds for continuous casting. V. A. Kuprianov, I. M. Erekhov, P. I. Sofitskiy. *TSvet. met.* 41 no. 5:87-88 My '68.

- Device for determining pressure, compaction and separation of a casting material. E. I. A. Bolkov, L. A. Zemtseva. *Izv. tekh. no. 11:80-81 N '68.*

- Klochev, N. I. [Foundry properties of cast iron] Litsynaya volatila chuguna. Moskva, "Mashinostroenie," 1968. 132 p.

- Mechanization of the drying and cooling of sand in a pneumatic conveyor. P. F. Parashuk. *Mekhn. i avtom. protzv.* 22 no. 4:11 '68.

- Productive capacity of cyclone-type smelting furnaces. V. A. Emel'yanov. *Izv. vys. ucheb. zav.; energ.* 11 no. 8:71-78 Ae '68.

- Repair of calorifier tractor undercarriage parts by casting. V. Stapanov, I. Lovliskil. *Tekhn. v sel'sk. khoz.* 28 no. 5:70-72 '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Repair of calorifier tractor undercarriage parts by casting. V. Stapanov, I. Lovliskil. *Tekhn. v sel'sk. khoz.* 28 no. 5:70-72 '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- 621.75 Toolmaking. Gauging. Fitting. Assembling Assembly of stabilizer columns by 130-ton ladders. Z. I. Avinezer, A. V. Aulakhov. *Stroitel'stvo*, 13 no. 5:30-31 Mr '68.

- Work and plants of machine-tool manufacturers. I. Andriushchenko. *Selsk. khoz. 13 no. 2:59-68 F '68.*

621.77 Rolling

- Automatic control system for operational conditions of Pilgrin mill feeding mechanisms. A. V. Pradnikov and others. *Trudy Dnepr. inst. chern. met.* 27:178-180 '67.

- Automatic system for roll setup. N. V. Pasochnyi. *Zh. IA. Rotenberg, N. N. Solomachenko. Trudy Dnepr. inst. chern. met.* 27:166-175 '67.

- Backward slip motion during longitudinal die rolling. A. P. Cherkasov, A. F. Smol'taninov, V. A. Kozlovskiy. *Izv. vys. ucheb. zav.; chern. met.* 11 no. 6:80-85 '68.

- Calculating forces during pipe rolling on mandrels. I. A. Vaitin, V. M. Brulov. *Nauch. trudy DMI no. 52:156-161 '67.*

- Calculating the temperature of a strip during its rolling in a continuous group of sheet mills. M. M. Saffian and others. *Nauch. trudy DMI no. 52:52-60 '67.*

- Causes of pipe cracking during rolling. A. P. Cherkasov, I. A. Vaitin, V. R. Kozlovskiy. *Nauch. trudy DMI no. 52:110-111 '67.*

- Causes of the low resistance of rolls for rolling GAZ-51 (in sections). I. A. Maslovskiy, G. G. Skolodak, V. I. Kuznetsov. *Nauch. trudy DMI no. 52:230-237 '67.*

- Centrifugal lining of pipes. I. V. Akhrameev. *Proektirov. 16 no. 4:23-24 Ap '68.*

- Coriolis problems in determining dynamic stresses and endurance of rolling-mill main lines. S. N. Kozhevnikov, V. I. Bol'shakov. *Trudy Dnepr. inst. chern. met.* 27:11-18 '67.

- Certain problems in the theory of efficiency of reversing reduction mills. P. I. Skichko. *Trudy Dnepr. inst. chern. met.* 27:5-10 '67.

- Classification of methods for the regulation of rolling processes, and ways for the automation of continuous light-section mills. S. D. Grinberg, O. N. Kuznetsov, I. U. P. Karpinskiy. *Trudy Dnepr. inst. chern. met.* 27:65-69 '67.

- Certain regularities of the kinematics of the center of deformation during continuous rolling with increase in width. A. P. Cherkasov, I. I. Odolchenko. *Nauch. trudy DMI no. 52:15-27 '67.*

- Comparative analysis of the performance of shock absorbers on thrust bearings. V. F. Lezhai, A. F. Krasnov, I. N. Nozomov. *Trudy Dnepr. inst. chern. met.* 27:215-220 '67.

- Complex methods of studying deformed state with the use of the X-ray examination method. I. U. M. Chelchikov, S. F. Kozlovskiy. *Izv. vys. ucheb. zav.; chern. met.* 11 no. 6:112-115 '68.

- Contact temperature problem for the drawing of billets with a screw-down device. N. N. Azarkovich, I. A. F. Iutner, B. F. Trakhtenberg. *Fiz. i khim. obr. mat.* no. 2:23-29 Mr-Apr '68.

- Defects in pipe shells. I. A. Maslovskiy, O. P. Nosenko. *Nauch. trudy DMI no. 52:142-149 '67.*

- Design and principles of calculating ball spirals of a new type for driving the working rolls of fast rolling mills. A. A. Dinik and others. *Nauch. trudy DMI no. 52:16-46 '67.*

- Determining the coefficient of average drawing and the rate of strip delivery from the rolls during irregular reduction rolling. A. P. Cherkasov, I. F. Maslovskiy. *Nauch. trudy DMI no. 52:106-104 '67.*

- Determining the optimum high-speed mode of operation for a 1100 blooming mill. P. I. Skichko, E. I. Podkovyrtin, V. A. Skumsk. *Trudy Dnepr. inst. chern. met.* 27:35-44 '67.

- Determining the friction coefficient during rolling by the induced strip delaying method. A. P. Grudev. *Nauch. trudy DMI no. 52:105-108 '67.*

- Determining the geometric parameters of the deformation center during ingot rolling. N. M. Samko. *Nauch. trudy DMI no. 52:203-207 '67.*

- Determining the geometrical parameters of the center of deformation in diagonal rolling mills. A. P. Cherkasov, I. A. Vaitin, V. N. Umerenkov. *Nauch. trudy DMI no. 52:142-141 '67.*

- Determining the length of the arc of contact taking into account the elastic compression of rolls and the strip being rolled. A. A. Dinik. *Nauch. trudy DMI no. 52:221-231 '67.*

- Mechanization of the position of maximum speed in relation to deformation during rolling. V. N. Umerenkov. *Nauch. trudy DMI no. 52:191-201 '67.*

- Determining the rate of strip biting on mills with control-bale speed. V. I. Khomichov. *Izv. vys. ucheb. zav.; chern. met.* 11 no. 6:82-84 '68.

- Determining the specific pressure during the rolling of metal thickness wide strip. A. I. A. Semenova. *Nauch. trudy DMI no. 52:118-123 '67.*

- Device for coiling springs. A. A. Timmerman. *Mashinostroitel' no. 5:33 My '68.*

- Distribution of torque and flexure during the rolling of a strip in various conditions of external friction on the rolls. V. P. Chelchikov, A. A. Dinik, V. I. Prokofiev. *Nauch. trudy DMI no. 52:240-254 '67.*

- Dynamic characteristics of electric drive systems on continuous mills during the rolling of metal with tension. V. I. Loshkarev. *Trudy Dnepr. inst. chern. met.* 27:81-86 '67.

- Dynamic effect of cutting stress application in flying shears. S. N. Kozhevnikov, V. M. Loboda. *Trudy Dnepr. inst. chern. met.* 27:114-116 '67.

- Dynamics of cutting cam gears on flying shears. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. chern. met.* 27:110-124 '67.

- Dynamics of electromechanical drive systems for stands of high-speed continuous mills. S. D. Grinberg, V. I. Loshkarev. *Trudy Dnepr. inst. chern. met.* 27:65-61 '67.

- Dynamic interaction between the electric drive and a mechanical system with elastic connections. V. I. Bol'shakov. *Trudy Dnepr. inst. cher. met.* 27:17-25 '67.
- Dynamics of the electromechanical system of mechanisms for emitting flying shear cuts. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 27:125-132 '67.
- Effect of conditions of cold rolling on the texture and magnetic properties of silicon steel. S. N. Kozhevnikov, G. M. Vorobeyev, M. M. Chukha. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:16-18 '68.
- Effect of increase in width on the mean specific metal pressure on rolls during hot rolling. U. S. Zytov. *Nauch. trudy DMI no. 52:153-158 '67.*
- Effect of initial parameters on the kinematics of the rotary rolling process. A. P. Cherkashin, I. A. L. Vukin, M. I. Khannin. *Nauch. trudy DMI no. 52:183-189 '67.*
- Effect of pipelines and air pressure on the operation of electropneumatic distributors. V. F. Peskar. *Trudy Dnepr. inst. cher. met.* 27:181-185 '67.
- Effect of the size and weight of ingots on blooming mill efficiency. N. I. Haimov. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:16-18 '68.
- Elastic deformation of work rolls during the cold rolling of pipe. K. M. Iltisim, U. V. Pnevakin. *Tsvet. met.* 11 no. 5:78-80 Nov '68.
- Equation of movements and electronic modeling of mechanical systems with gaps and resilient couplings. V. I. Bol'shakov. *Trudy Dnepr. inst. cher. met.* 27:200-214 '67.
- Equipment for the control of speed conditions during continuous and endless rolling. A. N. Chernyshev and others. *Nauch. trudy DMI no. 52:28-35 '67.*
- Estimating the cyclic strain of rolls in cold rolling on millions. V. P. Polukhin, A. K. Teresko. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:15-17 '68.
- Experimental investigation of maximal angles of bite in the stabilized rolling process. A. P. Cherkashin and others. *Nauch. trudy DMI no. 52:79-87 '67.*
- Experimental testing of cold-rolling pipe mills equipped with an installation for ingot heating before rolling. A. A. Shvedchenko and others. *Trudy Dnepr. inst. cher. met.* 27:205-208 '67.
- Experimental verification of the formula for determining the rolling moment in square and diamond passes. V. N. Yudin, I. A. Harkov. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:16-18 '68.
- Forces in shape forming through forming dies. V. V. Shvachkin, U. A. Popovtsev. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:15-17 '68.
- Forward slip during rolling with smooth rolls. A. A. Dinnik, I. I. Chernoguzov. *Nauch. trudy DMI no. 52:278-285 '67.*
- Geometry of the center of deformation during pipe rolling in round passes on a long mandrel. I. A. L. Vukin and others. *Nauch. trudy DMI no. 52:165-174 '67.*
- Hydrodynamic bearings of rolling mill rolls. G. I. Gleditskiy. *Nauch. trudy DMI no. 52:165-174 '67.*
- Improving conditions of metal feed in pipe rolling on Pilgrim mills. I. A. L. Vukin and others. *Nauch. trudy DMI no. 52:153-158 '67.*
- Increasing the operational smoothness of the stands of cold-rolling pipe mills. A. S. Tkachenko, A. A. Shvedchenko, B. M. Klimkovskii. *Trudy Dnepr. inst. cher. met.* 27:191-193 '67.
- Influence of inertia on the dynamic accuracy of four-link cutters. S. N. Kozhevnikov, V. M. Loboda. *Trudy Dnepr. inst. cher. met.* 27:105-113 '67.
- Influence of the rate of rolling on the deflection of the roller product between the stands of continuous light-section mills. V. A. Chigrinaki, A. N. Chernyshev, A. N. Silich. *Trudy Dnepr. inst. cher. met.* 27:70-80 '67.
- Interaction between the ingot and blooming mill rolls. I. I. Leepa. *Trudy Dnepr. inst. cher. met.* 27:45-51 '67.
- Investigating automatic control systems for power loops on electronic models. O. N. Kukushkin. *Trudy Dnepr. inst. cher. met.* 27:87-89 '67.
- Investigating fixed and variable expenditure on pipe manufacture. V. I. Leliovich and others. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:182-185 '68.
- Investigating the piercing process of steel ingots in a container. U. F. Shevkin, A. M. Rytkov, B. V. Mandzjuk. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 7:85-89 '68.
- Investigating the rolling process on a continuous small-section mill with uncoordinated speeds. S. S. Mufey and others. *Nauch. trudy DMI no. 52:61-67 '67.*
- Investigation and modernization of mechanisms on the 200 pipe rolling mills. A. V. Pranzhatkov and others. *Trudy Dnepr. inst. cher. met.* 27:221-227 '67.
- Method of determining critical angles of deviation in tension winding of small-section rods on unfurged drum rolls. A. V. Litvin. *Trudy Dnepr. inst. cher. met.* 27:138-143 '67.
- Methods of experimental metal induction of forward slip in relation to reduction and deformation between stands of continuous mills. S. A. Oldizievskii, V. K. Zvonarev. *Nauch. trudy DMI no. 52:308-312 '67.*
- Methods of measuring forward and backward flows in rolling of metals on continuous mills. P. I. Skichko, A. V. Makov, I. I. Leepa. *Trudy Dnepr. inst. cher. met.* 27:92-95 '67.
- Modeling a mechanical system with friction clutches. A. N. Lonskii, V. I. Bol'shakov. *Trudy Dnepr. inst. cher. met.* 27:144-163 '67.
- Modernization of conduction rods on cold-rolling pipe mills. B. M. Klimkovskii, A. S. Tkachenko, U. I. Chereviki. *Trudy Dnepr. inst. cher. met.* 27:194-196 '67.
- New methods for applying lubricants on the surface of rolling stock. V. A. Gamershtein. *Mekh. i avtom. proizv.* 22 no. 4:10 '68.
- Nonuniformity of deformation and the structure of ferrite and austenite during the rolling of two-phase steel. V. S. Berkovskii and others. *Fiz. i khim. obr. nat.* no. 2:43-47 Mr.-Ap '68.
- Possibility of using electromechanical transmissions for the drive of metallurgical machines. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 27:154-157 '67.
- Power and force parameters of rolling on a shape mill. V. I. Lutsenko and others. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:103-113 '68.
- Production of OT4-1 titanium alloy slabs. A. P. Khramchikov and others. *Tsvet. met.* 11 no. 5:76-78 May '68.
- Pulsed melted for rolling pipes. G. F. Nikitenko, I. M. Koslin, B. A. Kolokolov. *Energetik* 16 no. 7 5-6 Jr. '68.
- Rolling capacity and the loading of engines on a 425 strip mill. N. A. Chelnyshov and others. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:100-103 '68.
- Selecting the optimum shape of roll grooves. A. P. Cherkashin and others. *Nauch. trudy DMI no. 52:175-182 '67.*
- Smirnov, V. S. [Theory of rolling] *Teoriya prokati. Moskva, "Metallurgiya," 1957. 460 p.*
- Specific pressure and specific friction during rolling in a circular pass. P. I. Klimenko, V. M. Drunov. *Nauch. trudy DMI no. 52:105-117 '67.*
- Specific pressure during longitudinal hot rolling. A. P. Cherkashin, G. I. Lebedev, V. S. Likhanskii. *Nauch. trudy DMI no. 52:253-262 '67.*
- Sticking zone limits. A. A. Buzak, I. I. Chernoguzov. *Nauch. trudy DMI no. 52:219-245 '67.*
- Stress state and strength of rolls during forced flexure in the rolling process. V. P. Polukhin, G. K. Kravtchik, V. S. Polukhin. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 7:57-62 '68.
- Stressed state of the metal during rolling in the gaps between stands of continuous billet mills. I. I. Leepa, P. I. Skichko. *Trudy Dnepr. inst. cher. met.* 27:52-54 '67.
- Study of hydraulic servo drive for thrusters using electronic models. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 27:156-165 '67.
- Studying power consumption during different methods of rolling channel bars. V. T. Zhadan, V. E. Sidorov. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 7:63-67 '68.
- System of regulating terminal outlets of light-section mills operating under conditions of endless rolling. V. S. Egorov, B. I. Mitroshchichko, A. V. Pranzhatkov. *Trudy Dnepr. inst. cher. met.* 27:100-104 '67.
- [Technical progress in rolling mill practice. Materials of the 3rd International Symposium on Metallurgy, dedicated to the 800th anniversary of the Leipzig Fair] *Tekhnicheskii progress v prokatinom proizvodstve. Materialy Mezhdunar. 3-go simpoziuma po metallurgii, posvyashch. 800-letiu Leipzigskego larnarki. Moskva, "Metallurgiya," 1968. 253 p.*
- Technological and technical problems of automating special conditions during continuous and endless rolling. A. P. Cherkashin, A. P. Chernyshev, A. N. Silich. *Nauch. trudy DMI no. 52:5-14 '67.*
- Technology of the deformation of a sheet blank by conical plans on a reduction press in a wheel rolling mill. S. M. San'ko, A. A. Zinkovskii, V. I. Shevchenko. *Nauch. trudy DMI no. 52:261-270 '67.*
- Theory of asymmetric rolling of thick blanks in smooth rolls. Report No. 1. V. P. Korzh and others. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 7:68-72 '68.
- Torque distribution between rolls in the presence of gaps in the mill mill line. A. P. Cherkashin and others. *Nauch. trudy DMI no. 52:68-76 '67.*
- Torque distribution between rolls of a four-high mill set with preliminary clamp-down. S. M. Sorlan, U. I. Kuznetsov, I. P. Sukhobius. *Nauch. trudy DMI no. 52:89-94 '67.*
- Unit for straightening reinforcing rods. M. N. Gorbolovs. *Mekh. stroit.* 23 no. 7:25-31 '68.
- Velocities in the center of deformation during the cold rolling of tubes. V. I. Skolodovskii, A. G. Chelnyshov. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:70-74 '68.
- Vibration of the elements of mill lines of rapid continuous mills and its effect on bearing supports and the quality of the production output. A. A. Dinnik and others. *Nauch. trudy DMI no. 52:47-51 '67.*
- Vibrations of the working stand of a 1160-type (NK312) slabbing mill with driving engine for vertical rolls mounted on its top crossbeam. I. A. N. Usakin, A. N. Chernyshev, E. V. Zaitseva. *Nauch. trudy DMI no. 52:253-307 '67.*
- Ways of improving the performance of roll drives on cold-rolling pipe mills. A. S. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 27:188-190 '67.
- Yield stress during the hot deformation of carbon and alloyed steels. A. A. Izant. *Nauch. trudy DMI no. 52:277-288 '67.*
- 621.77(477)—Ukrainian S. S. R.
- Force-distribution conditions regarding thin-stock rods of the Krivoy Rog Metallurgical Plant. S. N. Kozhevnikov and others. *Trudy Dnepr. inst. cher. met.* 27:133-137 '67.
- Investigating the complex of mechanisms of a 1100 blooming mill at the Yenakiyev Metallurgical Plant. P. I. Skichko, E. I. Podkovyrin, A. L. Chordichenko. *Trudy Dnepr. inst. cher. met.* 27:28-34 '67.
- 621.78 Heat treatment
- Conditions regarding the heat treatment of two-layer sheets with a plating layer of OKh17T and Kh25T high-chromium stainless steels. S. A. Golovanenko and others. *Metalloved. i term. obr. met.* no. 4:66-70 Ap '68.
- Devices for preventing short circuits in the inductor of an induction-hardening unit. Sh. A. Samed-zade, R. G. Gadzhiev. *Za kash. prog.* 8 no. 7:11-12 31 '68.
- Effect of heat treatment on the fatigue strength of rail cuttings by the weaving are treated. L. I. Lomskii and others. *Stroitel'stvo i avtom.* 13 no. 3:19-17 Mr '68.
- Effect of high-temperature mechanical treatment on the thermal fatigue of 40Kh12N8CuBd steel. K. K. Sokolov. *U. P. Surkov. Fiz. i khim. obr. nat.* no. 2:125-127 Mr.-Ap '68.
- Efficiency of heat treating of the hard-faced steel 35Kh3 steel. R. A. Maslitskiy and others. *Nauch. trudy DMI no. 52:286-289 '67.*
- Hardened state occurring as a result of thermomechanical treatment. A. A. Kachapin, I. N. Kidin, U. V. Puzos. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 7:113-114 '68.
- Heat treatment of castings with a high-chromium alloy layer. A. M. Mikhatov, G. S. Akhmedov, V. N. Nikolaev. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 1:142-145 '68.
- High-temperature thermomechanical treatment of rail steel. D. M. Khali, A. N. Savchenko. *Metalloved. i term. obr. met.* no. 4:72-73 Ap '68.
- High-temperature thermoplastic treatment of heat-resistant Fe20 steel. M. P. Braum, B. V. Vinskiy, N. I. Maloshenko. *Fiz. i khim. obr. nat.* no. 2:121-124 Mr.-Ap '68.
- Improving the organization of the flame in castings with heating from the center of the bottom. A. A. Pavlov, P. Z. Javoslin, V. P. Kuzov. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:165-168 '68.
- Inefficient use of ammonia during nitriding. U. M. Tel'muk. *Metalloved. i term. obr. met.* no. 4:16-19 Ap '68.
- Kinetics of magnetic aging in low-carbon austenitic steels. N. M. Bonenson, Z. I. Popova. *Metalloved. i term. obr. met.* no. 4:30-38 Ap '68.
- Klinglin, D. N. [Sulfidizing of nonferrous metals] *Plinifikatsiya legirovannykh metallov. Moskva, "Metallurgiya," 1968. 212 p.*
- Lelkani, M. S. [Vacuum-type electric furnaces (resistance and induction)] *Vakuumnye elektricheskie pechi (soprotivleniya i induktsionnye). Moskva, "Energiya," 1968. 320 p.*
- Local thermal treatment of boiler drums after repair welding operations. I. K. Kuridzhakov. *Tsvet. met.* 11 no. 7:12-14 Jr '68.
- Low-temperature cyanidation of structural steels and alloyed steels. V. V. Bogdanov and others. *Metalloved. i term. obr. met.* no. 4:10-14 Ap '68.
- Machine for hardening lateral band surfaces. S. F. Soloviyuk. *Metalloved. i term. obr. met.* no. 3:14-15 Jr '68.
- Mechanical properties of austenitic steel welds at 20-(-200)°C. V. A. Leliovich and others. *Metalloved. i term. obr. met.* no. 4:23-24 Ap '68.
- Methods of hardening fillets by surface case hardening. V. M. Bystavskii. *Vest. mashinostro. i avtom. 1968. 51 p. '68.*
- Phase composition of diffusion layers during the surface annealing of steel with rare earth metals. N. P. Papis and others. *Metalloved. i term. obr. met.* no. 4:24-27 Ap '68.
- State of recovery of the steel during tempering. U. M. Lomskii, I. O. Chazayev. *Izv. vys. ucheb. zav.; Chern. met.* 11 no. 6:131-132 '68.
- Synthesis on the automation of chemical heat treatment processes. R. P. Shubin. *Metalloved. i term. obr. met.* no. 4:77-78 Ap '68.
- Soroka, V. A., and A. E. Erinov. [Local heating of steel] *(Abstracts) Mestnyi nagrev izdelii. (Referativnyi sbor).* Kiev, "Naukova dumka," 1968. 33 p.
- Structure of iron and H010NDT steel following direct heating in vacuum. U. F. Balashov. *Fiz. i khim. obr. nat.* no. 2:119-121 Mr.-Ap '68.
- Studying heating processes for cold-formed steel by measuring the amplitude-dependent internal friction. M. I. Doroshenko and others. *Metalloved. i term. obr. met.* no. 4:2-7 Ap '68.
- Studying the aging of austenitic steels with nitrogen and carbon. V. D. Voronov and others. *Fiz. i khim. obr. nat.* no. 2:72-78 Mr.-Ap '68.
- Thermocomplexes for controlling high-temperature salt baths. V. I. Malshuk. *Metalloved. i term. obr. met.* no. 4:70 Ap '68.
- 621.79 Various other kinds of metalwork
- Chemical cleaning and phosphate coating of steel in conditions of slurry repair plants. G. I. Neeov. *Trudy Solov'NorNIProekt* no. 17:51-53 '67.
- Chuv, V. A., and T. P. Zakharova. [Chemical and mechanical method for treating coupling components providing easy screw action after electrophilizing] *Khimiko-mekhanicheskiy spozob obrabotki krepel'nykh detalей v obospechenii svyachivaniya posle galvanicheskikh pokrytiy. Leningrad, 1967. 16 p. (Leningrad. nauch. tekhn. promyslov. Seriya "Uchebno-kachestva, povyschenie nadezhnosti i dolgozhechnosti mashin, priborov, elektronnol i radioelektronnoi apparatury").*
- Improving the quality of copper soldering in a centrifugal oven. G. V. Bakin. *Avtom. svac.* 34 no. 3:31 Mr '67.
- Investigating fatigue strength of wheels welded in carbon dioxide gas. V. I. Shilin, N. A. Zharov. *Avtom. svac.* 34 no. 3:20-28 Mr '68.
- Mechanization of bottling of aggressive fluids. V. A. Gonal, G. V. Ratushenko. *Mekh. i avtom. proizv.* 22 no. 1:18-20 '68.
- 621.791 Welding and allied techniques
- Adjustable flooring mechanism of welding wires. A. M. Naidenkov. *Avtom. svac.* 20 no. 4:30-31 Ap '67.

- The ANK-5 ceramic flux for mechanized near-resistant laser welding. D. M. Kuznetsov, I. V. Likhovaya, Avtom. svar., 20 no. 3:58-61 Apr '67.
- Arc-resistant flash cutting of ferrous and nonferrous metals. N. S. Kabanov, A. V. Pashchuk, Avtom. svar., 20 no. 3:71-73 Apr '67.
- Are resistance welding of pipes made from the strength of steel. A. A. Abdullatov, T. N. Kornev, Zn tekhn. prog., 6 no. 6:21-24 May '68.
- Calculating conditions of welding and hard facing. L. N. Koptevan, Trudy LITV no. 105:37-44 '67.
- Calculating welded aluminum structures for endurance. E. E. Kozlovskaya, Avtom. svar., 21 no. 5:33-41 May '68.
- Carbon boron welding. Increasing the resistance of the electrode wire end. V. B. Pordalov, Avtom. svar., 21 no. 5:60-70 May '68.
- Center for welding and insulating pipe sections with carriers up to 163 mm. I. T. Zhov, N. F. Pechanek, I. Strel'tsin, Izv. VNIIT, 13 no. 5:24-27 May '68.
- Ceramic characteristics of metal melting in the submerged arc pulsation welding. V. A. Rukonov, Avtom. svar., 21 no. 5:45-49 May '68.
- Certain problems related to the economic efficiency of hard facing of metals. V. G. Gromskiy, Avtom. svar., 21 no. 5:65-67 May '68.
- Ceramic regalia of a brittle layer. G. V. Zhemchuzhnikov, V. S. Gromskiy, Avtom. svar., 21 no. 4:6-10 Apr '67.
- Characteristics of forming and mechanical properties of dissimilar metal joints in zirconium, titanium and niobium alloys made by argon arc welding. V. S. Novosadov, M. Yu. Shorshorov, Fiz. khim. obr. mat., no. 2: 92-100 Apr '68.
- Continuous fusion welding of 98H steel. I. A. Petrov, S. I. Kuchuk-Ishchenko, Avtom. svar., 21 no. 5: 43-26 May '68.
- Determining diffusion parameters in intermetallic phases formed during welding. L. N. Likhovaya, Avtom. svar., 21 no. 5:68-69 May '68.
- Determining the fusion strength in pressure hard facing of steel alloys. V. N. Tashchev, R. M. Fritsman, Avtom. svar., 21 no. 4:14-15 Apr '67.
- Determining the temperature and the cooling speed of weld metal. K. M. Gusevskiy, Avtom. svar., 21 no. 5: 1-5 May '68.
- Diffusion bonding of cerium compounds with metals. M. I. Pestunov, N. F. Kazakov, E. I. Kupritanov, Avtom. svar., 21 no. 5:53-54 May '68.
- Diffusion bonding of titanium and copper alloys. G. V. Gromskiy and others, Avtom. svar., 20 no. 4:76 Apr '67.
- Distribution of longitudinal brittle cracking in growing cracks. I. P. Trushin, V. M. Priduchenko, I. M. Zhukov, Avtom. svar., 20 no. 4:11-15 Apr '67.
- Distribution of temperatures in a liquid bath during pulsation arc welding of the Al-Mg alloy with consumable electrodes. G. I. Chugrinov, P. Z. Tsvetkov, Avtom. svar., 20 no. 4:14-15 Apr '67.
- Distribution of the current over the plate in arc welding. M. I. Pechanek, Avtom. svar., 21 no. 4:10-22 Apr '67.
- Effect of heat treatment on the fatigue strength of metals built-up by the weaving arc method. L. L. Levin and others, Strel'tsin, 13 no. 3:16-17 May '68.
- Effectiveness of electric buildup welding of wear-resistant parts. I. D. Dmitriyevskiy, Mekh. stroi., 25 no. 7:23-31 '68.
- Electric arc welding with a modulated current. L. I. Zakharenko and others, Avtom. svar., 21 no. 5:70 May '68.
- Electron beam welding of impregnated cathodes for electronic vacuum devices. V. V. Andreyev, V. P. Iermyev, M. K. Kuzakova, Avtom. svar., 20 no. 4:65-67 Apr '67.
- Elimination of embrittlement in the weld-affected zone of high-strength steel. M. P. Braun and others, Avtom. svar., 21 no. 5:6-10 May '68.
- Equipment for controlling melting processes in resistance butt welding. V. P. Kilyanova, V. G. Kilyanova, A. A. Gialazov, Avtom. svar., 21 no. 6:71-72 May '68.
- Equipment for stabilizing the depth of penetration in the automatic welding with a thin wire in carbon dioxide. N. K. Kuznetsov and others, Avtom. svar., 21 no. 5:10-17 May '68.
- Factors, A. I. U. [Some typical cases of determining the economic efficiency of technical solutions in welding] Nekotoryye tipovyye sluchaiy opredeleniya ekonomicheskoy effektivnosti tekhnicheskikh resheniy v svarachnom proizvodstve. Leningrad, 1967. 16 p. (Leningr. inzh. nauch. tekhn. propagand. Seriya "Ekonomika i planirovaniye proizvodstva").
- Fatigue strength of copper spiral welded joints made with ultrasonic welding. S. K. Ginzburg, I. V. Kholopov, A. S. Sviridov, Avtom. svar., 20 no. 4:78 Apr '67.
- Forming of weldments during welding without flashing. B. S. Kasevkin, G. N. Korshak, Avtom. svar., 20 no. 4: 33-38 Apr '67.
- Friction welding of vinyl plastic pipes. V. E. Bukhin, Mont. i spets. rab. v stroi., 30 no. 8:23-26 Aug '68.
- Hard facing with consumable tip electrodes. I. I. Lytko, I. I. Sushchuk, Silusarenko, Avtom. svar., 20 no. 4:77-78 Apr '67.
- Hard facing with a composite electrode under flux. A. F. Garkushin, V. A. Romanov, Avtom. svar., 21 no. 5:73 May '68.
- Heat balance of welding with pulse low-current arcs. I. M. Esiblan, B. I. Shneider, Avtom. svar., 20 no. 4: 16-18 Apr '67.
- Improving the technology and equipment of the rotation welding of 1220 mm. pipes of the Ukhta - Torzhok gas pipeline. A. I. Bekker and others, Strel'tsin, 13 no. 5:23-24 May '68.
- Input resonator for apparatus of electric arc and electric slag welding. V. E. Paton and others, Avtom. svar., 20 no. 4:68-70 Apr '67.
- Increasing the durability of dredger rotors operating in gravel ground. E. I. Lefmashuk, V. M. Mozok, Avtom. svar., 21 no. 5:80-82 May '68.

- Increasing the productivity of welding machines in making wired panels. E. F. Gurelov, K. V. Sedukh, Mekh. i avtom. proizv., 22 no. 4:52-53 '66.
- Increasing the service life of mixer parts by hard facing. I. D. Myasnikov, H. A. Hlavenko, Avtom. svar., 21 no. 5:72-73 May '68.
- Influence of an electric current frequency on the efficiency of melting processes. V. S. Lisitskiy, O. S. Papkov, G. S. Petrov, Avtom. svar., 21 no. 5:21-22 May '68.
- Influence of the localized heating during pressure nitriding on the quality of weldments in microsystems. A. P. Lashuk, I. I. Sushchuk, Avtom. svar., 21 no. 5: 52-53 May '68.
- Influence of plastic deformations and residual stresses on the steel resistance to rupture at low temperatures. V. A. Gromskiy, M. K. Kuznetsov, Avtom. svar., 20 no. 4:4-5 Apr '67.
- Influence of the conditions of welding on the alloyed metal on the surface of metal-bearing metal alloys. V. A. Gromskiy, Avtom. svar., 20 no. 4:74 Apr '67.
- Investigating the electrochemical behavior of weld joints with the aid of the static potential method. N. A. Lavayev, N. A. Savitskiy, A. S. Malashenko, Avtom. svar., 20 no. 4: 23-25 Apr '67.
- Investigating the influence of transient processes on metal spatter during welding in carbon dioxide. V. K. Lebedev, N. F. Mikhalevich, Avtom. svar., 21 no. 5:10-15 May '68.
- Kazakov, M. F. [Diffusion welding in vacuum] Diffuzionnaya svarka v vakuumе. Moskva, "Mashinostroyeniye," 1968. 332 p.
- Mechanical properties of austenitic steel welds at 20-1200°C. V. I. A. Rukonov and others, Metallurg. i term. obr. met., no. 4:23-24 Apr '68.
- Mechanized buildup welding of flat surfaces of equipment parts. I. A. Ulin, G. I. Sushchenko, Avtom. svar., 21 no. 5:6-14 May '68.
- A method of controlling transformer stresses. V. R. Lebedev, V. A. Troitskiy, I. D. Pechanek, Avtom. svar., 21 no. 5:71 May '68.
- The NKM-1 multielectrode contact machines for welding refrigerators. V. A. Detskyan, I. P. Voskresenskiy, S. A. Smolov, Avtom. svar., 20 no. 4:11-14 Apr '67.
- Nayvoltskiy, D. I. [Design of welding joints taking into account stress concentrations] Raschet svarnykh soedineniy s uchetom koncentracii napravlenniy. Leningrad, "Mashinostroyeniye," 1968. 171 p.
- A new type of power supply for electron beam welding. I. I. Zolotarev, V. I. Skafagin, Avtom. svar., 21 no. 5: 21-26 May '68.
- Nonferrous metal processing. A. Morozov, Tekh. i stroit., 26 no. 12:10-15 '67.
- Powder wire for the mechanized welding of low-carbon steel ship structures. S. R. Frumkin, Trudy LITV no. 105:10-23 '67.
- Prakhov, N. N. [Physical processes in metals during welding] Fizicheskiye protsessy v metallakh pri svarkе. Moskva, "Metallurgiya," 1968. 695 p.
- T. I. [Physical elements of metals and the crystallization process] Fizicheskiye elementy metallov i protsessy kristallizatsii. 1968. 695 p.
- Reconditioning damaged parts of ships on underwater wires. R. L. Blokh, Trudy LITV no. 105:24-29 '67.
- Reconditioning of alloy and nonferrous metal ship forgings by electric slag welding. V. N. Smirnov and others, Avtom. svar., 20 no. 4:53-54 Apr '67.
- Selection of mechanical tests in the control of welded joints. T. A. Vladimirovskiy, V. N. Loshchik, Zav. lab., 34 no. 5:693-695 '68.
- Solubility of hydrogen in liquid metal. N. N. Kalitusk, V. I. Lashuk, Avtom. svar., 20 no. 4:26-29 Apr '67.
- Strain gauge for measuring temporary weld deformations in the weld-affected zone. M. I. Zhukov, I. I. Korshakov, V. I. Volkov, Avtom. svar., 21 no. 5:71-74 May '68.
- Stuzuev, S. M. [Soldering tips on ceiling tools] Napavka plastinok na rezhebnikovyye instrumenty. Moskva, "Vysch. shkola," 1968. 60 p.
- Strength of weldments with a thin soft interlayer. G. K. Kharchenko, A. I. Ignatenko, Avtom. svar., 21 no. 5: 31-33 May '68.
- Strip deformation during its heating with a flat, moving heat source. K. M. Gusevskiy, Trudy LITV no. 105:45-53 '67.
- Structures and materials in the weld zone of tanks welded butt to butt. I. A. N. Malinichka and others, Avtom. svar., 21 no. 5:50-51 May '68.
- Study of the arc in welding with tungsten electrode. D. M. Bolkin, O. N. Ivanova, Avtom. svar., 21 no. 5:16-20 May '68.
- Studying a plasma arc used for the build-up welding of an aluminum alloy. A. I. Kallor, V. B. Khmolevskaya, Trudy LITV no. 105:9-15 '67.
- Studying heat cycles in the heat-affected zone during slag welding with lamellar electrodes. F. F. Bonua, A. I. Kallor, Trudy LITV no. 105:3-8 '67.
- Studying the weldability of 25Kh4G8T cavitation-resistant steel. A. V. Kartyshov, S. R. Frumkin, Trudy LITV no. 105:30-36 '67.
- Studying the effect of joints made by ultrasonic welding on applicable to ship structures. M. V. Bruk, Trudy LITV no. 105:54-59 '67.
- Thermal stabilization of the mechanical properties of welded joints of axial alloys. S. N. Kiselev and others, Avtom. svar., 21 no. 5:34-37 May '68.
- Two-arc welding of gaseous double Z-forming beams. V. S. Voronin, V. I. Krut'ev, Avtom. svar., 20 no. 4: 46-47 Apr '67.
- Vacuum-tight welds made by the coldwelding method. K. K. Khrenkov and others, Avtom. svar., 21 no. 5:56-57 May '68.
- Waterproofing of electrode coatings of the calcium fluoride type. A. A. Pashchenko and others, Avtom. svar., 20 no. 4:62-64 Apr '67.

- Wear-resistant hard facing of press antirolls for textile engineering. L. I. Likhovaya, A. I. Gromskiy, Avtom. svar., 20 no. 4:50-52 Apr '67.
- Welded pistons from Simul for D10 diesel locomotives. I. I. Vorobikh, N. S. Lyubchikov, R. M. Sushchenko, Avtom. svar., 20 no. 4:11-14 Apr '67.
- Welding and sealing small diameter sections on a centrifugal base. M. Kh. Kuznetsov, Strel'tsin, 13 no. 5:27-28 May '68.
- Welding antenna for the television tower in Oskunkino. R. G. Sushchenko, K. V. Likhovaya, A. A. Gromskiy, Mont. i spets. rab. v stroi., 30 no. 8:10-21 Aug '68.
- Welding butt plates from high-strength steels. B. I. Shneider and others, Avtom. svar., 20 no. 4: 3-12 Apr '67.
- Welding technology at the international exhibition in London. A. I. Gromskiy, I. D. Pechanek, Avtom. svar., 21 no. 5:71-77 May '68.
- Welding technology. S. I. Gromskiy and others, Avtom. svar., 21 no. 5:63-65 May '68.
- Work of the Seminar on the "Physics and Chemistry of Working Materials with Concentrated Flows of Energy." V. V. Brudkovskiy, A. A. Ugllov, Fiz. khim. obr. mat., no. 2:134-136 Apr '68.

621.791(471.6)—Ural regions

- Sixth Scientific Technical Conference of Workers of the Western Urals. I. V. Lavayev, Avtom. svar., 20 no. 4:10 Apr '67.

621.793 Metallization

- Cherkov, A. P. [Polymers used in anticorrosion procedures] Polimery v antikorrozionnoy tekhnike. Kiev, "Radivertnyk," 1968. 128 p.
- [Heat-resistant protective coatings. Transactions of the 3d Seminar on Heat-Resistant Coatings] Temperaturonostoichivyye zaschitnyye pokrytiya. Trudy III seminar po zharostoiokim pokrytiyam, Leningrad, 27-31 maya 1966 g., Leningrad, "Nauka," 1968. 354 p.

621.798 Packaging

- Automatic wrapping machines with belt feed mechanisms. V. I. Lutsyk, Mekh. i avtom. proizv., 22 no. 4:22-25 '68.
- Automation of the packaging of loose materials. P. P. Sidorovskiy, Mekh. i avtom. proizv., 22 no. 4:6-8 '68.
- Determination of efforts spent for the folding of a cardboard box on a VFA-type machine. G. A. Marshalkin, V. G. Pechanek, Strel'tsin, 13 no. 6:14-15 June '68.
- Device for sealing the operating container. T. E. Kufarov, Zn tekhn. prog., 8 no. 5:10-20 May '68.
- Lichuk, V. M. [Automatic machinery for the production of carcases and their filling with milk] Avtomatizatsiya izdelaniya bunnazhnykh pakolov i napolneniya ih molokom. Moskva, "Mishchemiya prom-sti," 1967. 98 p.
- New material for packaging sensitive precision instruments. O. E. Dubov, I. Z. Smolantseva, Mekh. i avtom. proizv., 22 no. 4:20-31 '68.
- Saving lumber in the manufacturing and using of composites. I. Polok, G. Kozlov, G. Pechanek, Mat. i tekhn. analit., 3 no. 10:6-7 Jan '68.

621.798(470)—White Russian S. S. R.

- On the recurrent use of composites. I. V. Kozlov, M. Gromskiy, Mat. i tekhn. analit., 3 no. 1:71-72 Jan '68.

621.8 Power transmission. Materials handling. Mechanical fix-

- ing, attachment. Lubrication
- Change of the hovering speed of particles under constrained conditions. G. F. Koslitskiy, Izv. vuz. uch. i nauch. tekhn. no. 2:167-172 '68.
- Double stage hydrodynamic transformer. A. S. Gornitskiy, M. I. Natovich, M. F. Ivanovskiy, Trudy MIIT no. 232: 78-80 '66.
- Dynamics of transducers of power compensation allowing for typical nonlinearity. A. A. Gornitskiy, Trudy MIIT no. 232:104-103 '66.
- Effect of paddle shaping on the characteristics of a TP-100 torque converter. A. S. Gornitskiy, V. G. Klekov, M. F. Ivanovskiy, Trudy MIIT no. 232:50-55 '66.
- Experimental determination of allowable errors in profiles and angles of working wheel paddle assemblies of a GT-NH torque converter. V. G. Klekov, V. V. Kravitskiy, Trudy MIIT no. 232:42-40 '66.
- Experimental investigation of ventilation losses in directed torque converters. L. A. Kapanadze, V. V. Kuznetsovskiy, V. G. Milskevich, Trudy MIIT no. 232:21-27 '66.
- Hydraulic pressure losses in torque converter axle grids. V. V. Kravitskiy, Trudy MIIT no. 232:28-34 '66.
- Investigation of flow in the working chamber of a torque converter with a centrifugal turbine. M. I. Natovich, V. G. Klekov, Trudy MIIT no. 232:72-73 '66.
- Investigation of unsteady operational processes of controlled torque converters. GT-N and GT-NR. L. A. Kapanadze, Trudy MIIT no. 232:62-71 '66.
- Reliability of long-distance superhigh-voltage electric current transmission. M. V. Kosenko, Vest. AN SSSR no. 3:64-68 Mar '68.
- Synthetic technological aqueous lubricants. E. S. Serpchenko and others, Mat. i tekhn. analit., 3 no. 6:23-24 June '68.

621.81 Machine elements

- Correlation equations of wear. I. B. Tarkovskiy, Vest. mashinost., 48 no. 2:8-11 Feb '68.

- Improving the moisture resistance of machine parts made from pressed iron by the use of fillers. V. A. Helyi, V. F. Anisimov. *Vest. mashinost.* 48 no. 2:41-45 F '68.
- Improving the stove-shaker. A. Bondarzhenskii. *Mash. i avtom. protov.* 39 no. 5:21-27 Mr '68.
- Installation of equipment on vibration-insulated supports without foundations. B. I. Shilovskii, L. A. Mirkes. *Sten. i inst.* 39 no. 3:6-8 Mr '68.
- Machine tool for electric erosion machines. V. E. Orlov, I. A. Zikunov. *Vest. mashinost.* 48 no. 2:44-45 F '68.
- Machine-tool for boring of bushings. A. Lysov. *Avi. protov.* 46 no. 9:55 Mr '69.
- A mechanical anode machine with a tubular tool electrode. P. A. Iklimov, A. I. Tencenko, V. N. Semennov. *Sten. i inst.* 39 no. 3:15 Mr '68.
- New machine tool. *Sten. i inst.* 39 no. 3:43-44 Mr '68.
- New machine crushing and grading plants for gravel. B. I. Kiselev, A. A. Dudko. *Sten. i inst.* 13 no. 5:7-9 Mr '67.
- Obtaining high precision in machining on machine-tool cells. V. A. Kruglov. *Mekh. i avtom. protov.* 22 no. 4:31-34 '68.
- Operative control in internal grinding of parts. S. S. Kostukovich, I. D. Kovalev. *Prom. Rel.* 9 no. 6:51-57 Je '68.
- Reduction machine for grinding the comb segments of a turbine seal of steam turbines. S. N. Chernykhov. *Energetika* 10 no. 7:18 Je '68.
- Present state and development prospects in the manufacture of mechanized and manual construction instruments. A. E. Volkova. *Mekh. i avtom. protov.* 23 no. 10:23-24 O '68.
- Quality occupies the center of attention of machine-tool manufacturers. P. Anton, *Vnech. izv.* 48 no. 10:19-21 '68.
- Machine gear with interlocking pawls. N. N. Orlov, V. S. Sivakov, N. V. Mamontov. *Sten. i inst.* 39 no. 3:1-3 Mr '68.
- Recent achievements in the production of machine tools and their attachments. (Annotated bibliography of literature.) *Svesheno doshtatentov v oblasti proizvodstva i obrabotki rezhuushchikh stankov i ikh prisoobrazovaniy. (Annotirovanniy bibliograficheskiy ukazatel' literatury).* Erevan, 1967. 204 p.
- Special features of the machine of loose-link joints in loaded mixers. V. V. Porosin, V. V. Sirel'tov. *Izv. vuzov. zav. i khim. i tekhn. tokh.* 11 no. 4:500-503 '68.
- Study of physicochemical changes on the surface of electrodes after treatment with an electric instrument. Report No. 1. I. V. Barakova, N. K. Barakova. *Izv. vuzov. zav. i tekhn. tokh. prom.* no. 3:90-101 '68.
- This can be used in your enterprise. *Mashinostroitel'* no. 2:24-25, 27 F '68.
- Tools for automated production. Vladimir Rozok. *Sten. i inst.* 39 no. 3:37-38 Mr '68.
- Use for straightening of blocking casters and taking-off shavers and ball bearings from electric rollers. V. S. Ilin. *Mash. i avtom. protov.* no. 5:27-28 Mr '68.
- Use of planar surface strain for finishing machine parts. I. I. Lashchuk, V. I. Serbintov. *Vest. mashinost.* 48 no. 2:54-56 F '68.
- Using blueprints for the input of initial information to machine tools with programmed control. E. D. Morozov. *Tekhn. i avtom. protov.* no. 9:19-23 '67.
- Wage rates for machine tool operators and their ratings. *Sots. trud* 13 no. 8:147 Je '68.
- 621.9(430)—Hungary**
- Designing machine tools at the Budapest International Fair. *Mashinostroitel'* no. 2:44-46 F '68.
- 621.9(476)—White Russian S.S.R.**
- High-speed clamping mechanism. N. I. Vilkovskii. *Prom. Rel.* 9 no. 6:47 Je '68.
- 621.9(477)—Ukrainian S.S.R.**
- Reconstruction of the bottom of the Zashchiv Sugar Factory. I. I. Ilnitski, I. N. Tikhonchuk, A. Kh. Mur'lanichuk. *Sakh. prom.* 42 no. 6:27-34 Je '68.
- 621.91 Roughing, planing, shaping, slotting. Milling. Filing. Rasping. Broaching**
- Calculating sawing brackets for gear milling machines. N. A. Shchukov. *Mashinostroitel'* no. 5:27 Mr '68.
- Cold rolling of journal shafts. I. U. G. Proskuriakov, B. A. Molitkov. *Mashinostroitel'* no. 5:24 Mr '68.
- Consolidated time norms for milling roughing die grooves. E. K. Gorbunov, A. N. I. vov. *Sten. i inst.* 39 no. 3:36-37 Mr '68.
- Dynamics of table feed drive in vertical milling machines. M. M. Semakina. *Sten. i inst.* 39 no. 3:4-8 Mr '68.
- Effect of broaching operating conditions on surface finish. A. M. Rozenberg and others. *Mashinostroitel'* no. 5:21-23 Mr '68.
- General engineering norms for metal-cutting operations to be used in technological standardization of work on machine tools. *Osnovnyye mashinostroitel'nye normaly rozhimov rozanila dia tekhnicheskogo normirovaniya rabot na metallorezhuushchikh stankakh.* Moskva, "Mashinostroenie," 1967. 200 p.
- Ch. 2. [Gear-cutting, boring, thread-rolling, and cutting machines] Zuboroznye, gorizontallye rezachnyye, rezbonaknyye i otreznye stanki. 1967. 200 p.
- High-productivity rough gear milling of wheels from difficult to machine steels. M. P. Anton. *Sten. i inst.* 39 no. 3:16-19 Mr '68.
- In the Ministry of Machine-Tool and Cutting-Tool Industry. *Mekh. i avtom. protov.* 22 no. 1:33 '68.

- Increasing the productivity of gear milling. S. S. Kozlov, V. M. Saludin. *Sten. i inst.* 39 no. 3:20-21 Mr '68.
- Kruglov, G. A. [Machining fastener parts with diamond cutting tools] Obrabotka shchastnykh rezanymi detal' prirobov. Moskva, "Mashinostroenie," 1968. 224 p.
- Logio, M. I. [Conveying and processing of chips] Transporthovka i pererabotka struzhki. Moskva, "Mashinostroenie," 1968. 56 p.
- Machine-tool attachments. Parts and cells. Starochnye prisoobrazovaniya. Detal' i uzly. Izd. ofts. Moskva, [Izd. standartov] (Gos. standardy SSSR). Ch. 5. GOST 4084-68 - GOST 4086-68; GOST 4739-68 - GOST 4743-68; GOST 8325-68 - GOST 8326-68; GOST 9051-68; GOST 9053-68; GOST 9081-68; GOST 13426-68 - GOST 13427-68. 1968. 101 p.
- New face milling cutter. A. B. Gorelov. *Mashinostroitel'* no. 2:42 F '68.
- Strausov, S. M. [Soldering tips on cutting tools] Napalka plastichesk na rezhushchie instrumenty. Moskva, "Vyssh. shkola," 1958. 85 p.
- Systems of part distribution in automatic lines with inched flow. I. V. Kravtsov. *Mekh. i avtom. protov.* 22 no. 4:14-18 '68.
- Thread tapping using a double support. B. Danilov, M. I. Lashchuk. *Mashinostroitel'* no. 5:26-27 Mr '68.
- Tool resistance and surface smoothness in broaching heat-resistant steels. N. I. Zhigalko, N. I. Kozlov, M. V. Lepikov. *Sten. i inst.* 39 no. 3:27-28 Mr '68.
- Vul'fson, I. A., V. C. Znaman, and A. C. Rozinov. [Coding of the information of control programs] Kodirovaniye informatsii upravlyayushchikh programm. Moskva, "Energiya," 1968. 95 p. (B-kh go avtomatike. Vyp. 294).
- 621.92 Abrading, abrading. Grinding, polishing. Grinding, separating and mixing**
- Adjustment of a coal preparation system with gas drying and hammer mills. V. I. Dobrotov. *Tekhnicheskaya* 15 no. 6:26-30 Je '68.
- Advances for tapping gear wheels. V. P. Ershov. *Vest. mashinost.* 48 no. 2:56-60 F '68.
- Antifriction bearings of spindle in surface grinding machines. I. A. Pato. *Sten. i inst.* 39 no. 3:10-11 Mr '68.
- Application of movable nozzles for cooling during the grinding process. I. V. Khudolin. *Sten. i inst.* 39 no. 3:30-32 Mr '68.
- Automatic control of drainage pump rate and purifying rotary screens. I. M. Naizharov and others. *Za tekhn. prog.* 8 no. 8:14-16 Mr '68.
- Comparative testing of T-7 and T-10-60-M flange machines at the Dzhalinskii Coal Preparation Plant. N. G. Bednari, I. N. Orlov, N. G. Sokolov. *Izv. DGT* 52:122-129 '67.
- Crushing and ellipsoidal velocity of iron ore particles in counter-current jet-type mills. I. E. Serp. *Izv. DGT* 52:58-60 '67.
- A device for dressing abrasive disks. E. S. Yikhonov, V. A. Kuznetsov. *Mashinostroitel'* no. 5:34 Mr '68.
- Diamond-machining of hard-alloy cold upsetting tools. L. N. Kabanovskii, V. K. Putnikov, G. Sh. Lovina. *Mashinostroitel'* no. 2:39 F '68.
- Effect of abrasive wheel radius on the accuracy of machining camshaft gears. N. N. Makarov, I. U. M. Valtkov. *Sten. i inst.* 39 no. 3:23-25 Mr '68.
- Effect of oscillation on the productivity of gear honing. V. V. Korotkin, I. U. P. Tarnitski. *Sten. i inst.* 39 no. 3:21-23 Mr '68.
- Effect of the discharge ratio on the quantitative performance indices of a hydrocyclone when removing mineral mechanical impurities from petroleum. B. M. Goltman, A. M. Mustafayev. *Za tekhn. prog.* 8 no. 8:33-35 Mr '68.
- Effect on tool wear of thermoelectric phenomena taking place during the cutting. I. U. M. Korobov. *Sten. i inst.* 39 no. 3:25-26 Mr '68.
- Gas-jet milling of ores. I. Zh. Gorbets, V. I. Gorbets. *Izv. DGT* 52:69-77 '67.
- Grinding a cutting tool bond. E. V. Ivanov. *Mashinostroitel'* no. 5:27 Mr '68.
- Improving the drive of SM-24 fine grinding rollers. G. D. Alerov. *Sten. i inst.* 14 no. 8:16 Ag '68.
- Increasing the effectiveness of materials crumbling in bunkers. V. I. Bykov and others. *Mekh. i avtom. protov.* 22 no. 4:34-35 '68.
- Industrial testings of units of high-duty electroosmotic separators for the dry separation of rare earth metal ores. V. I. Karmazin and others. *Izv. DGT* 52:143-148 '67.
- Investigating the performance of flotation machines with a horizontal tubularerator (FM-GTA). I. U. A. Korolkov, Savitski and others. *Izv. DGT* 52:128-134 '67.
- Korshak, S. M. [Advanced technology and automation of circular grinding] Progressivnaya tekhnologiya i avtomatizatsiya kruglogo shlifovaniya. Moskva, "Mashinostroenie," 1968. 108 p.
- A machine for grinding and polishing. I. M. Chakov. *Mashinostroitel'* no. 5:35 Mr '68.
- Methods for grinding bevel gear wheels. V. A. Komil'min. *Sten. i inst.* 39 no. 3:15-18 Mr '68.
- Methods of reducing the effect of dynamic phenomena in rotary grinding. L. Martirosova. *Prom. Arm.* 10 no. 7:35-36 '68.
- Model OS-12 shavers. Pavel Iosak. *Sten. i inst.* 39 no. 3:38-39 Mr '68.
- Obtaining concentrates with the iron content in excess of 67% at the ore dressing plant of the Krivoy Rog Mining and Ore Dressing Combine. I. P. Belonzhiko and others. *Org. zhur.* 143 no. 5:11-13 Mr '68.

- Operation of an intake unit according to the level of the pulverized coal in the Sh-50 mill. L. M. Borisovskaya, A. A. Shchukin. *Elek. sta.* 33 no. 4:39-41 Ap '68.
- Optimum grinding of internal hollow of milling machines. E. I. Stukenski, I. M. Molotov. *Vest. mashinost.* 48 no. 2:71-72 F '68.
- Preparing the raw material slurry from plastic materials. G. S. Kiykhin. *Nauch. soob. NITsSmeida* no. 2:11-15 '68.
- Repair of ball mills with frictional drives. O. N. Mikhlin. *Energetika* 10 no. 4:14-16 Ap '68.
- Research on methods to increase the efficiency of uniflow cyclones. I. U. Galt. *Zap. IGT* 35 no. 1:85-90 '68.
- Synthetic diamond tool for stone working. G. G. Karluk. B. L. Ostilinski. *Sten. i inst.* 14 no. 8:14-15 Ag '68.
- Theory of the process of gas-jet milling and roasting of ores. L. Zh. Gorbets, V. I. Gorbets. *Izv. DGT* 52:77-85 '67.
- Using highly efficient resonant screens in the block-making Dressing Plant. A. M. Agayev. *Za tekhn. prog.* 8 no. 8:33-34 Mr '68.
- 621.93 Sawing. Saws. Cutters**
- Mining deeply plying seams by wire-rope sawing machines with preliminary boring of individual holes. I. D. Detov and others. *Vop. pri. dav.* no. 24:19-24 '68.
- 621.94 Lathes and lathe work. Turning**
- [Auxiliary tools. Holders for lathes] Instrumenty vspomogatel'ny. Dopolnitel'nye k tokarnym stankam. GOST 13050-67 - GOST 13072-67. Izd. ofts. Moskva, 1968. 56 p. (Gos. standardy SSSR).
- Effect of cutting speed on surface layer conditions in a titanium alloy. I. I. Danilova, I. M. Kashin. *Vest. mashinost.* 48 no. 2:70 F '68.
- Hard alloys for machining heat-resistant materials. G. A. Meerkov and others. *Vest. mashinost.* 48 no. 2:61-62 F '68.
- Highly efficient rotary cutter. E. G. Konovalev, I. A. Gik. *Dokl. AN BSSR* 12 no. 5:428-431 Mr '68.
- Investigating the turning of 40Kh steel. A. Ayakov, N. Ichenko. *Prom. Arm.* 10 no. 7:58-61 '68.
- Machining endless screws on screw cutting lathes. B. A. Ershov. *Mashinostroitel'* no. 5:25-26 Mr '68.
- Multi-tool copying lathe. A. M. Mikhailov, V. S. Anisimov. *Sten. i inst.* 39 no. 3:40-41 Mr '68.
- Mechanism of shape errors in the cross section of a machine part during bracket machining. I. M. Baranovskaya. *Vest. mashinost.* 48 no. 2:72-73 F '68.
- 621.95 Drills and drilling. Reaming. Centering**
- Automatic machine for countersinking nuts. E. G. Lipatov. *Mekh. i avtom. protov.* 22 no. 1:36-37 '68.
- Device for drilling holes. A. M. Lavshin, I. U. Kh. Tsygorkin. *Mashinostroitel'* no. 5:31 Mr '68.
- Effect of errors in fabricating slideways on contact rigidity. O. G. Timonov. *Sten. i inst.* 39 no. 3:1-4 Mr '68.
- Optimum conditions for countersinking and reaming MML-1 and MML-2 steels. A. M. Iuzenber, A. A. Vinogradov, I. U. A. Anisimov. *Vest. mashinost.* 48 no. 2:67-69 F '68.
- 621.95(476.25)—Armenian S.S.R.**
- Electric spark machine for broaching holes. V. Zhifin. *Prom. Arm.* 10 no. 7:67-68 '68.
- 621.96 Forging. Blanking. Shearing. Cleaving**
- Element stamping of parts in a strip. G. S. Syrov. *Prikl. i slus. upr.* no. 3:34-35 Mr '68.
- Kuklov, I. S. [Universal die sets for sheet stamping] Universal'nye boki shtamponov dia listovoi shtamponki. Moskva, "Mashinostroenie," 1967. 111 p.
- Mechanization of the piercing of a billet on a reduction press in a wheel-rolling mill. N. M. Sankin, A. A. Zin'tsovskii. *Nauch. trudy DMI* no. 52:21-27 '67.
- [Tools for the production of bolts, screws, and rivets on automatic cold-heading machines] Instrumenty dia proizvodstva bol'tov, vintov i zaklepek kholodnovyvadochnykh avtomatichesk. GOST 12972-67 - GOST 12994-67. Izd. ofts. Moskva, [Izd. standartov], 1967. 367 p. (Gos. standardy SSSR).
- 621.97 Hammers. Presses**
- High-pressure manual hydraulic pump. I. U. V. Utekhin. *Sten. i inst.* 39 no. 3:42-43 Mr '68.
- Improving press-working of metals. P. B. Kaminov. *Mashinostroitel'* no. 5:36 Mr '68.
- New method of joining metal tubing. L. A. Baryshnikov. *Mekh. i avtom. protov.* 22 no. 8:26 Ag '68.
- Selecting parameters of hydraulic punch presses for shot power strokes. N. S. Dobritskii. *Vest. mashinost.* 48 no. 2:62-65 F '68.
- Semiatomnaya machine for rolling of valves of the "Kam-3" electric pump. I. U. Gubanov. *Mekh. i avtom. protov.* 22 no. 4:18 '68.
- A unit for the pressing of mud. I. A. Chernyshev, A. A. Kholodkin. *Krat. soob. BKN* no. 2:63-65 '68.
- Universal press for repair work. M. I. Kamal'din. *Mekh. i avtom. protov.* 24 no. 8:26 Je '67.
- 621.98 Sheet metal working. Bending machines**
- Combined die for the production of boat back supports. N. A. Korinaki. *Avi. prom.* 34 no. 3:35 Mr '68.
- 621.98(73)—United States of America**
- New shape of a star-type corrugated iron. I. F. Molotov. *Nauch. trudy DMT* no. 62:334-337 '67.

621.99 Screw (thread) cutting

- A check for increased accuracy in cutting threads. A. I. Lebedev, E. M. Berlin. Stan. inst. 39 no. 3:12-14 Mr '68.
- Effect of lubricating emulsion on the thread cutting process. V. N. Katyshev, S. A. Perminov. Stan. inst. 39 no. 3:32-34 Mr '68.
- Interchangeability of external threads of plastic parts. A. D. Musilav, T. A. Radalova. Izv. vyz. ucheb. zav. i nef. i gaz. II no. 3:103-108 '68.
- Quality and efficiency of the threading of pipes for the petroleum industry using the 9V43-type pipe-threading machine. N. M. Agayev. Za tekhn. prog. 5 no. 7:22-24 Ji '65.

622 Mining and mineral dressing

- Avdalov, P. V.** [Mathematical methods of studying mining operations] Matematischeskie metody issledovaniya operatsii v gornom dele. Pod red. A. S. Burchakova. Moskva.
- Razd. 1. [Linear programming] Lineinyye programirovaniye. 1967. 141 p.
- Design of mining enterprises taking into consideration probable characteristics of the deposit. V. M. Ikonnikov, I. G. Shupalev. Gorn. zhur. 143 no. 5:36-40 My '68.
- Functional state of the respiratory apparatus in practically healthy miners and in those with pneumoconiosis. E. P. Berulimova. Trudy Tadzh. med. inst. 73:34-42 '65.
- Improving the wear resistance of mining and ore dressing equipment by using wear-resistant alloys. M. L. Gorbunov and others. Gorn. zhur. 143 no. 5:62-64 My '68.
- [Instructions on organizing the building of enterprises for mineral mining] Ukazaniya po organizatsii stroitel'stva predpriyatiy po dobyche poleznykh iskopaemykh. SN 377-67. Izd. ofts. Ikh. 29/VII 1967 g. Moskva, Stroiizdat, 1968. 25 p.
- [Mining] Ref. zhur.: Gorn. delo no. 8 Ag '68.
- Qualitative changes in the erythrocytes in miners. K. A. Khasanova, N. V. Rusina. Trudy Tadzh. med. inst. 73:14-18 '65.
- Thermochemical method of drilling boreholes for piling foundations in permafrost soil. L. N. Makasova. Mekh. stroy. 24 no. 6:13-17 Je '67.

622(574)—Kazakh S. S. R.

- Improving boring and blasting operations. I. A. Iltor, E. M. Klonitskiy. Stroim. 13 no. 5:10-11 My '67.

622(66)—Southern Africa (including Rhodesia)

- Title is Zambila. S. Kullik. Nov. vrem. 26 no. 33:28-30 Ag '68.

622.1 Preliminary investigation. Exploration. Sampling and analysis

- Explosive properties of sulfide dust arising in exploring workings. P. A. Lyubkov. Zap. IGD 55 no. 1:60-71 '68.

622.2 Mining operations. Exploitation and working of mineral deposits. Oil and gas well drilling

- Accelerating the solidification of plugging mixtures. F. A. Shamalov, V. P. Neradov, A. M. Likhov, Izv. vyz. ucheb. zav.: geol. i razv. II no. 7:142-144 Ji '68.
- Advantages of the transition to hydraulic conveying of slag at the nickel metallurgical plants. L. A. Arkhigova. Trudy IGD Sverd. 1 no. 15:47-62 '67.
- Alluvial dispersions of the Kalan ore field. L. Oganestian, A. Khalafian. Prom. Arm. 10 no. 7:31-33 '68.
- Amount of rock drilled from a mine in one period. I. F. Dol'shakov. Trudy IPI no. 30:238-244 '66.
- Analyzing the configuration and strength of cone bit teeth. V. N. Vinogradov, G. M. Sorokin, V. K. Ushakov. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 2:91-97 '68.
- Application of automated pneumatic elements of the universal system of elements of industrial pneumoconduction in coal mines. A. S. Lazovskiy, A. S. Kol'tchuk, I. U. V. Lavin. Mekh. i avtom. prozv. 22 no. 1:28-30 '68.
- At the "Intergormash-67" mining equipment exhibition. L. G. Mel'nikova. Mekh. i avtom. prozv. 22 no. 1:30-41 '68.
- Automatic recording of the parameters of roller bit drilling. O. M. Popov, N. S. Efremovtsev. Gorn. zhur. 143 no. 3:48-49 Ji '68.
- Axial resistance of bitholes in roller bit boring. R. P. Minnashov. Trudy Sver. gor. inst. no. 40:34-38 '67.
- Boynazy blast and hydraulic construction. A. I. Pevzner, F. A. Avdeev. Mon. i spets. rab. v stroi. 30 no. 8: 0-10 Ag '68.
- Breaking of the linear law of filtration at low pressure gradients. K. I. Korenov, H. V. Antipin. Nekh. khoz. 46 no. 8:26-28 Ag '68.
- Calculating basic parameters of hydraulic conveying in an open channel. P. A. Ivanov. Trudy IGD Sverd. 1 no. 15:123-126 '67.
- Calculating parameters for hydraulic giant removal of rocks in open-pit mines. V. M. Alentchev. I. S. Kuklin. Trudy IGD Sverd. 1 no. 15:64-78 '67.
- Calculating the load-carrying capacity of the film of a viscous fluid in a plate-type vibration damper. V. E. Kopylov, M. A. Skafkina. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 3:27-27 '68.
- Calculating the plano shutter of a valve gate for airtightness, taking into account the effect of self-sealing. R. A. Ramazanov, F. L. Laroslavskiy. Azerb. nef. khoz. 47 no. 6:43-44, 47 Jo '68.

- Certain problems in the dynamics of the driving mechanism of ESh-10/75 walking excavators. I. D. Marasnov. Trudy Sver. gor. inst. no. 49:5-11 '67.
- Characteristics of the use of highly active demulsifiers in the electric demulsification of petroleum. G. M. Panchevskiy, V. V. Papko, A. S. Agapov. Nef. khoz. 45 no. 8:58-59 Ag '68.
- Comparative analysis of the reliability of core and groove samples. L. B. Bulnacev. Trudy IPI no. 30:227-231 '66.
- Complex investigation of the interaction between the rock and cements, metal supports in major mine workings in deep mines. V. T. Gribko. Top. gov. davi. no. 24: 68-71 '66.
- Computation of standardized curves in verifying and analyzing various hydrodynamic well surveying methods. B. A. Bogachev, N. D. Kapellin, I. A. Medvedev. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 3:10-14 '68.
- Core drilling with reverse circulation near the working face. A. F. Beloslavskiy. Trudy IPI no. 30:257-265 '66.
- Cutters for rotary drilling of boreholes and slim holes. E. Papazhan. Prom. Arm. 10 no. 7:68-67 '68.
- Designing a communication channel for telemetering depth parameters in wells exploited by subsurface electric pumps. M. E. Fridman, F. K. Tagiev. Za tekhn. prog. 8 no. 7:8-11 Ji '68.
- Determining the character of stress changes in the broken layer in relation to prescribed law of change of breaking moment. G. M. Stakhmalov, Z. G. Kertimov. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 3:109-111 '68.
- Determining the coefficient of heat conductivity of water-saturated barbed cement of different densities. A. A. Abdukhov, I. A. Selimov. Nef. khoz. 46 no. 8:20-22 Ag '68.
- Determining the coefficient of stress concentration in the shaft of a drill hook. M. T. Verkhin, L. F. Allov. Za tekhn. prog. 8 no. 7:36-37 Ji '68.
- Determining the necessary frequency and duration of the measurements of oil well output. A. A. Abdullayev. Za tekhn. prog. 8 no. 7:8-10 Ji '68.
- Determining the rigidity of turbodrills. Kh. A. Ali-Ezortib. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 3:20-30 '68.
- Determining the temperature of heating in three-zone beds during the drilling process. S. M. Kuliev and others. Za tekhn. prog. 8 no. 7:28-30 Ji '68.
- Determining values of total resistance coefficient of hydraulic brakes. M. D. Fatulov, O. N. Belusov. Za tekhn. prog. 8 no. 5:27-29 My '68.
- [Drilling small-diameter oil and gas wells] Drennye nefitynykh i gazovykh skvazhin malogo diametra. Moskva, "Nedra," 1967. 312 p.
- Economic efficiency of using methods of network planning and management for the organization of mining operations in chambers. E. N. Bogdanov, V. M. Gindl. Gorn. zhur. 143 no. 5:32-34 My '68.
- Effect of metal in the borehole bottom on the wear and breakage of rock bit cutting elements. V. I. Dergunov, A. I. Polko, G. E. Karasik. Za tekhn. prog. 8 no. 5:24-26 My '68.
- Effect of operational conditions on the magnitude of gear ratio on the machine time and capacity of the electric motor of a belt work. A. A. Salayev, V. I. Simonov. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 2:98-102 '68.
- Effect of polymeric additives on the characteristics of turbodrill turbines. D. S. Khamzatov and others. Azerb. nef. khoz. 47 no. 6:17-18 Jo '68.
- Effect of sand factors on the effectiveness of perforation by sand jelling. N. Kh. Musin and others. Neftoprom. delo no. 8:10-13 '68.
- Effect of temperature on the electrochemical behavior of aluminum and its alloys in hard and soft sea water. M. S. Trifol, G. M. Akhmedov, S. A. Logunova. Za tekhn. prog. 8 no. 7:33-35 Ji '68.
- Effect of the formation of magnetic field action on the formation of concretion structure in aqueous suspensions of clay minerals. V. I. Derobchenko and others. Gorn. zhur. 22 no. 6:88-89 Ji '67.
- Effect of the gap on the stressed state of the thread root. L. F. Aliev. Za tekhn. prog. 8 no. 5:29-31 My '68.
- Effect on the graininess of untreating diamonds of bits on the intensity of well deviation. V. E. Kopylov. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 2:20 '68.
- Effect of the size of the flag on the concentration of well cuttings. R. G. Nazarov, A. I. Kuliev. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 1:45-51 '68.
- Effect of the structure of gas-liquid mixtures on performance dynamograms of deep-well pumps. E. M. Mamedov, N. M. Rejha, G. A. Babaljan. Azerb. nef. khoz. 47 no. 6:29-28 Je '68.
- Efficiency in using tools for finishing metal objects from deep wells. B. N. Khakimov, P. P. Tarnavskiy, G. V. Tarnavskiy. Razved. i okh. nef. 32 no. 1:22-24 N '65.
- Electronic modeling of the automatic control system for roller bit drills. A. E. Trop and others. Trudy Sver. gor. inst. no. 40:27-33 '67.
- Energy consumption during ore pebble milling. V. I. Karmazin, A. I. Denisenko, I. A. Salimovich. Izv. DGI 55:36-32 '67.
- Energy criterion of the efficiency of explosives, and its certain effects. L. V. Dubov, I. T. Kolesnichenko. Gorn. zhur. 143 no. 5:60-69 My '68.
- Energy indices for electric driving of rotary drills. N. K. Kotov. Trudy Sver. gor. inst. no. 40:50-61 '67.
- Equipment of luminescence diffusion logging. D. A. Gerasov. Za tekhn. prog. 8 no. 7:6-8 Ji '65.
- Experience in mechanizing underwater mining of titaniferous sands. G. A. Kurok and others. Mekh. i avtom. prozv. 22 no. 1:12-14 '68.
- Experimental study of the character of resistance changes in bit supports. T. R. Mamedov. Za tekhn. prog. 8 no. 3:24-27 Mr '66.

- Experiments in breaking rock samples by pulse waves. V. G. Kuznetsov, I. S. Kuklin. Trudy IGD 55 no. 15:89-97 '67.
- Failure of beads of the 19742-type bearings used in ShV 14-160 antivets. A. A. Alrhan. Za tekhn. prog. no. 7:30-31 Ji '68.
- Field methods for the determination of carbonate rocks. S. N. Kudrin. Trudy IPI no. 30:281-294 '68.
- Fifth International Mining Congress and 11th exhibition of the "Intergormash-67" mining equipment. A. A. Slavovskiy. Osn. iud. i mekhan. 1 no. 6:13-14 '67.
- Flexible drilling tools without boxes and tool joints. E. G. Greenov. Razved. i okh. nef. 32 no. 1:157 '65.
- Flushing boreholes in drilling in frozen ground. A. Riazanov. Trudy IPI no. 30:268-274 '65.
- Formula of the speed of curvature in increase of cutting profiles of practically vertical wells. S. S. Timoshin, V. O. Belusovskiy, O. I. Bergal'tsin. Nekh. khoz. 46 no. 8:7-11 Ag '68.
- Gaseous and hydrodynamic characteristics of the development of flexible by non-Newtonian fluid. A. Kh. Shadrin, A. A. Gerasov and others. Nef. khoz. 46 no. 8:23-26 Ag '68.
- Grachev, I. U. V., and V. P. Varlamov. [Automatic control in drilling and exploiting of wells] Avtomaticheskoye upravleniye pri razvedke i eksploatatsii. Izd. i spri. Moskva, "Nedra," 1968. 327 p.
- Graphic abbreviations. G. G. Arzumanyan. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 3:112-113 '68.
- Improving the computational reliability of the L.C. for an automated electric drill. H. E. M. Lomonosov, L. L. Myskin. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 3:61-65 '68.
- Industrial testing of the use of sulfonic acid esters as emulsifiers in drilling. V. A. Lupton and others. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 2:20-23 '68.
- International exhibition of mining equipment "Intergormash-67." A. I. Slavovskiy. Gid. stroi. no. 1:54-55 Ji '68.
- Investigating performance conditions of rock face in fractured layers during narrow strip mining. N. I. Kuznetsov. Vop. geol. no. 2:4-18 '66.
- Investigating the settling of quartz-pneumolite particles under conditions of the pulp. A. S. Oshchepkov, C. Khramshchikov, G. G. Fedorova. Trudy IGD Sverd. 1 no. 15:120-122 '67.
- Joint with a longitudinal inter and deflecting elements. I. Samoilov. Nekh. khoz. 46 no. 8:30-40 '68.
- Krylov, V. I., and N. A. Sukhin. [Prevention of erosion losses in well drilling. (Prilozheniya) Bopol'nyyatsionnyy pri buril'nykh skvazhin. (Zakrytyy) opyt]. Moskva, "Nedra," 1968. 176 p.
- Laboratory studies of conditions for an effective forced withdrawal of liquids. S. T. Oquarova, R. Korpeyev. Nef. khoz. 46 no. 9:37-39 Ag '68.
- Laboratory studies of the treatment of the "balling" of wells by petroleum solvents. S. A. Vezlov, I. Mel'nik-Ashurov. Azerb. nef. khoz. 47 no. 6:21-23 Jo '68.
- Melt strands of the expansion of hydraulic ratings of flows in open-pit mines. I. S. Kuklin. Trudy IGD 55 no. 15:3-9 '67.
- [Mechanized sloping complexes "Tula." Guide to the arrangement, assembly operation and repair] Osnovnyye mekhanizatsionnyye kompleksoy "Tula." Faktozhitskiy posobie, monografiya, ekspluatatsiya i remont. "Nedra," 1967. 308 p.
- Method and device for determining the exit velocity of petroleum after desalting. R. N. Mikhel'skiy, V. Mikhel'skiy. Nekh. khoz. 46 no. 8:50-52 Ag '67.
- Method for determining the reduction of hydraulic resistance in well head in measurements of average permeability and permeability of the rock. L. A. Likhovskiy, L. S. Shchukin. Za tekhn. prog. 8 no. 3:36-39 Ji '68.
- Method of sampling from drill pipes. V. V. Bol'shakov. Trudy IPI no. 30:281-284 '68.
- Methodology and results of a study of cement mixtures depending on the temperature of the absorption zone and the time length of cement storage. L. I. Rukhovich. Trudy IPI no. 30:276-280 '68.
- Methodology of determining the effect of heterogeneity conditions on the hardness of rocks. N. A. Makhov. Nekh. khoz. 46 no. 8:11-13 Ag '68.
- Methods and results of investigating the influence of boiling on the carrying capacity of rock walls of boreholes by the method of modeling with experimental materials. G. I. Kravchenko, A. I. Ilevov. Vop. stroi. no. 2:72-83 '66.
- Methods of determining consumption standards for repair of materials and spare parts for electric motors of excavators. V. A. Golubev, I. N. Golubev. Trudy Sver. gor. inst. no. 40:12-20 '67.
- Methods of evaluating the resistance of rocks to breaking in open-pit mines. I. S. Kuklin, V. A. Gerasov. Trudy IGD Sverd. 1 no. 15:53-63 '67.
- Mindels, E. O., P. A. Demchik, and V. E. Alekseyev. [Borehole sampling] Zabolka shpurov. Moskva, 1967. 152 p.
- Mineralogical composition of Carboniferous, Permian and Triassic clay rocks in the Intergormash-67 in connection with drilling technology. A. E. L. N. V. Shchukin, A. A. Fedorov. Izv. vyz. ucheb. zav.: nef. i gaz. II no. 2:5-8 '68.
- Mining deeply plying seams by hydro-rope section machines with preliminary boring of individual. I. U. D. Belov and others. Vop. gor. davi. no. 24:24 '68.
- New designs of interchangeable parts of mud pumps. O. I. Verzhin. Nekh. khoz. 46 no. 8:14-15 Ag '68.

- Noted for determining reservoir pressure in deep pumping wells. S. D. Mustafayev. *Neft. khoz.* 46 no. 6:30-32 Ag '68.
- New process for phosphatizing tool joint threads of drill pipes. I. F. Kuznetsov and others. *Za tekhn. prog.* 8 no. 5:31-32 My '68.
- Calculations of roof behavior in direct-protection drilling of steep strata. A. G. Shadrin, G. I. Ponomarev. *Vop. gor. davl.* no. 24:3-5 '66.
- Order and methods of mining steeply pitching contiguous ore bodies in nature of Gornaya Shchiba. V. I. Kuznetsov. *Vop. gor. davl.* no. 24:116-135 '66.
- Placing cement plugs in wells with high reservoir pressure. A. G. Allov. *Az. zh. nefi. khoz.* 47 no. 6:inset:4 Je '68.
- Anti-drift communication equipment for mines. I. G. Vukobratko. *Mekh. i avtom. stroit.* 22 no. 127-28 '68.
- Problems of disintegrating hard-to-wash placers in dredging operations. I. S. Kuklin, I. U. N. Kozlov. *Trudy IGD(Sverd.)* no. 15:85-86 '67.
- Problems of consuming field-geophysical frequency measuring systems with a great number of channels. K. A. Sankovskiy. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:95-97 '68.*
- Features of the methodology for calculating the cost of production recovery by electric submersible pumps. I. S. Khramov, I. A. Rudnitskiy. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 2:103-111 '68.*
- Profile and length of hydraulic plume nozzle. I. S. Kuklin, V. P. Mikhlin. *Trudy IGD(Sverd.)* no. 15:108-115 '67.
- Quality and efficiency of the reconditioning of pipes for the production industry using the OYV-3 type pipe-reconditioning machine. N. M. Agapov. *Za tekhn. prog.* 5 no. 7:22-24 '65.
- Ex-BM improvement of ore mining technology at the Shirokaya. G. M. Mikhlin and others. *Gor. zhur.* 143 no. 5:46-48 My '68.
- Radially cylindrical chamber of water stream in the shaft of hydraulic plume. I. S. Kuklin and others. *Trudy IGD(Sverd.)* no. 15:108-112 '67.
- Radial velocity of the water stream in the shaft of hydraulic plume. I. S. Kuklin, K. M. Shukhtinov, R. G. Kozlov. *Trudy IGD(Sverd.)* no. 15:108-112 '67.
- Resistance of mine in breakdown in drilling. S. M. Kozlov and others. *Izv. AN Azerb. SSR. Ser. nauk o zem. i. 75:80 '68.*
- Results of observations of the settling of fill masses in the pillar system of mining to the mine. G. P. Ponomarev, A. G. Shadrin, I. A. Rudnitskiy. *Vop. gor. davl.* no. 24:126-132 '66.
- Results of observations with regard to the influence of mining operations on the stability of intercalary pillars in the "Tudagol" brown coal deposit. A. A. Baigina and others. *Vop. gor. davl.* no. 24:133-154 '66.
- Results of pilot plant testing of the pillar system of mining to the mine with filling at the "Kukavitsa-1" Mine in the Kuznetsk Basin. A. S. Fedina. *Vop. gor. davl.* no. 24:154-177 '66.
- Results of pilot testings of remotely controlled and self-propelled hydraulic plumes. V. M. Alenichev, I. U. M. Shukhtinov, I. P. Soshchikina. *Trudy IGD(Sverd.)* no. 16:78-84 '67.
- Results of the measurements of broken-down coal in the pillar system of mining to the mine. V. N. Lomov, B. A. Zinkov. *Vop. gor. davl.* no. 24:107-104 '66.
- Selecting a rule for automatic regulation of the excitation of synchronous motors of the drive of submersible pump units. K. N. Kuznetsov, I. E. Khukhri, V. I. Tkatch. *Za tekhn. prog.* 6 no. 6:14-16 My '68.
- Selecting the configuration of slopes in shortwall systems without supports. I. A. Mikhlin. *Vop. gor. davl.* no. 24:112-117 '66.
- Self-mobilization solution of problems of oil flooding in a nonuniform layer with water-oil mixture. M. T. Abasov, S. I. Akhmedov. *Izv. AN Azerb. SSR. Ser. nauk o zem. i. 76:166-174 '68.*
- Self-propelled drilling machines. V. I. Drozdov, G. P. Kirakosyan. *Mekh. stroit.* 25 no. 8:22 Ag '68.
- Sets of high-voltage distributed starting devices for drilling rigs based on small-scale high-voltage converters. V. N. Shilov. *Za tekhn. prog.* 6 no. 3:18-23 '68.
- Setting pit for a more efficient separation of sludge in a rough system. N. Ponomarev. *Neftianik* 13 no. 6:30-31 Je '68.
- Signal indicator of the feed of fluid by a pump unit. M. I. Poyel'shteyn, A. A. Hagimov. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:66-68 '68.*
- Some characteristics of changes in dynamic harmonics of fluctuations under percussive impressing. V. N. Shukhtinov and others. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:21-23 '68.*
- Source of dust formation in boreholes blown out by compressed air. I. U. V. Gull. *Vop. I. GI* 55 no. 1:100-107 '68.
- Stability of mine workings. V. G. Kozhevina, V. N. Man'kov. *Vop. gor. davl.* no. 24:101-60 '68.
- Stability of weighty muds at high temperatures. A. M. Avdeyeva, I. D. Fridman. *Neft. khoz.* 46 no. 8:10-20 Ag '68.
- Strength of structural elements of the BSH-200 roller bit drill in carrying out auxiliary operations. E. A. Podklyayev and others. *Trudy Sverd. gor. inst.* no. 40:43-47 '67.
- Studying the distribution of pressure along the depth of a well during the circulation of water-air mixtures and loams. V. A. Amilian and others. *Neftprom. delo* no. 6:7-10 '68.
- Studying the effect of the depth of wells on the cost of their construction. I. M. Buzanskiy. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 2:101-106 '68.*
- Studying the effect of the specific flow rate of a displacing fluid in uniaxial miscible displacement on the local efficiency. A. K. Nemedov. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:57-60 '68.*
- Studying the performance of jet bits in turbodrilling when using turbochargers. P. F. Osipov, A. K. Kozlov, A. A. Bosenko. *Neft. khoz.* 46 no. 8:1-1 Ag '68.
- Submersible device for studying impulse characteristics of a communication channel of the current supply of an electric drill. F. M. Alshukhov, D. I. Vigorov, M. E. Fridman. *Za tekhn. prog.* 5 no. 7:18-20 Ji '65.
- Symposium on the use of non-Newtonian systems in petroleum production. *Neft. khoz.* 46 no. 8:64-65 Ag '68.
- Tarasevich, V. I. [Principles of increasing the performance of drill rigs] *Osnovy povysheniya proizvoditel'nosti burovoykh ustroystv.* Moskva, "Nedra," 1968. 212 p.
- Technical and economic indices of drilling blastholes in open-pit mine workings. M. G. Abramov, G. M. Ostapov. *Gor. zhur.* 143 no. 5:59-62 My '68.
- [Technology, mechanization and automation of industrial processes in underground mining] *Tekhnologiya, mekhanizatsiya i avtomatizatsiya proizvodstvennykh protsessov podzemnykh razrabotok.* Moskva, "Nedra," 1968. 475 p.
- Telephone device for communications between the driller and the derrick man. I. Samoilov. *Neftianik* 13 no. 8:28 Je '68.
- Theory of hydraulic air rock-breaking percussion drills. I. U. P. Akhmedov. *Trudy Sverd. gor. inst.* no. 40:62-61 '67.
- Total and component capacities of the immersion motor of an electric pump when pumping an oil-water-gas mixture. A. M. Pogoretskiy, R. V. Babayev. *Za tekhn. prog.* 8 no. 6:12-13 My '68.
- Trajectory of the bit in drilling with a turbodrill with a bent submergence. M. P. Gubarev and others. *Neft. khoz.* 46 no. 8:1-2 Ag '68.
- Tricone bit with increased contact surface. N. A. Grigorian, P. I. Turanov, K. S. Guseynova. *Izv. AN Azerb. SSR. Ser. nauk o zem. i. 77:102 '68.*
- Ukrainska nauchno-dobutchebna konferentsiya no temi: 1. Solousisluchivnyy promyslovyy zhidkostnyy i l'nyy nauchnyy razvornik, lat. Kiev, 1968. [First Ukrainian Scientific and Technological Conference on Heat- and Salt-Resistant Drilling Fluids and Grouting Materials. Abstracts of reports and communications] *Tezisy dokladiv i soopshchenniy.* Kiev, 1968. 133 p.
- Use of emulsion clay-carbonate mud in well drilling. G. G. Gubarev, I. U. I. Ilyayev, N. I. Krysin. *Neft. khoz.* 46 no. 8:10-13 Ag '68.
- Use of mathematical methods in the optimum control of petroleum production enterprises. A. A. Abdullayev. *Za tekhn. prog.* 6 no. 7:16-17, 45 Ji '68.
- Use of the mathematical statistics method in estimating the effect of the physicochemical properties of rocks marked to be drilled and the mechanical cutting rate. A. M. Gannabarov. *Izv. AN Azerb. SSR. Ser. fiz.-tekhn. i. 76:111-112 '68.*
- Using methylamine chloride for increasing the efficiency of cone bits. K. F. Puzov, A. P. Akhmedov, K. A. Abramov. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:33-36 '68.*
- Using polymer cement in oil and gas well casing. A. D. Mustafayev, I. U. B. Tegiev. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 2:24-28 '68.*
- Valve converters on thyristors for electric driving of rotary drills. K. K. Kotov. *Trudy Sverd. gor. inst.* no. 40:48-55 '67.
- Vortex vibrations of a drilling line, stopped drilling shaft, and derrick in round-trip operations. S. G. Kalitina. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:10-22 '68.*
- Vibration of a leading drill pipe. I. U. A. Chislov, V. E. Kopylov. *Razved. i otkr.* 32 no. 11:27-28 N '68.
- Vibration of roller bit drills. B. A. Fomel'yanov and others. *Trudy Sverd. gor. inst.* no. 40:39-42 '67.
- Ways of increasing the profitability of operating single-bucket excavators in open-pit mines. G. B. Dabber, I. N. Golomolov. *Trudy Sverd. gor. inst.* no. 40:21-26 '67.

622.2(282.0)—Caspian Sea

- Construction of offshore oil-field structures using keramzit ferroconcrete. G. G. Shukhtinskaya, A. M. Dudova. *Za tekhn. prog.* 5 no. 7:36-37 Ji '65.
- "Khazar" on the eve of a big voyage. A. Perchik. *Neftianik* 13 no. 6:17 Je '68.

622.2(287.8)—Persian Gulf

- Resilience in the Persian Gulf area. V. Bodinnikil. *Az. i Afr. seg.* 12 no. 7:8-10 Ji '68.

622.2(471.13)—Komi A. S. S. R.

- Increasing well yields in the Mzhynaya Orna oil and gas field. P. I. Egorov. *Neftprom. delo* no. 6:18-19 '68.

622.2(471.41)—Tatar A. S. S. R.

- Characteristics of changes in petroleum of the Romashkino field during the process of exploitation. B. B. Valtov, S. Kh. Agislova. *Neft. khoz.* 46 no. 8:45-47 Ag '68.
- The collective labor agreement makes for obligations. S. Sharifullin. *Sov. profsoyuz* 24 no. 13:13-14 Ji '68.
- Flow of the Devonian petroleum of the Romashkino field through a porous medium. I. E. Fomenko. *Neft. khoz.* 46 no. 8:28-32 Ag '68.

Packers for protecting the upper part of casing against the effect of high pressure during the injection of water into oil formations. R. A. Mikhaylov and others. *Neft. khoz.* 46 no. 8:44-44 Ag '68.

622.2(471.44)—Saratov Province

- From success to success. G. Blaznov. *Neftianik* 13 no. 8:15-16 Je '68.
- Workers' dynasty of Votnilenko. O. Shirmakher. *Neftianik* 13 no. 8:15 Je '68.

622.2(471.5)—Ural regions

- Conditions of hydraulic methods of placer mining in the Central and Southern Urals. *Trudy IGD(Sverd.)* no. 15:22-27 '67.

622.2(471.52)—Bashkir A. S. S. R.

- Injecting water with a high content of mechanical impurities into a reservoir. M. K. Krupnov. *Neft. khoz.* 46 no. 8:32-30 Ag '68.
- New demulsifier for dewatering petroleum. G. G. Mustafin, R. S. Khatramov, G. N. Kareva. *Neftprom. delo* no. 6:37-38 '68.
- Optimum depth for running pipes with protective coating into the well. V. A. Tashkayev and others. *Neftprom. delo* no. 6:24-27 '68.
- Tank for preliminary settling of formation water. N. P. Veshchev. *Neftprom. delo* no. 6:34-37 '68.

622.2(471.53)—Perm Province

- Efficiency of hydraulic mining and transportation of polymers from the "Vorkhankanskoye" deposit. I. M. Kuznetsov and others. *Trudy IGD(Sverd.)* no. 15:37-46 '67.
- Using a man-made clay-carbonate mud. N. I. Krysin. *Neftianik* 13 no. 8:26-27 Je '68.

622.2(471.54)—Sverdlovsk Province

- Improving hydraulic mining methods at the Makhovo Sand and Gravel Quarry. N. E. Belov, I. S. Kuklin. *Trudy IGD(Sverd.)* no. 15:28-33 '67.

622.2(471.62)—Krasnodar Territory

- Restoration of inactive wells by side tracking. B. P. Mikhlin. *Neftprom. delo* no. 6:13-16 '68.

622.2(471.68)—Chechen-Ingush A. S. S. R.

- Washing cement plugs away by means of a hydraulic nozzle. T. Gusev. *Neftianik* 13 no. 6:27-28 Je '68.

622.2(476)—White Russian S. S. R.

- Experiences in treating wells with hydrochloric acid in fields of the Oil Field Administration of "Rochlitsa-1." A. D. Koltikov, N. V. Komaritskiy. *Neftprom. delo* no. 6:20-23 '68.

622.2(477)—Ukrainian S. S. R.

- Developing the Dombrova potassium salt deposit by strip mining. N. P. Baranovskiy, N. I. Kokova, T. K. Zaslavskiy. *Gor. zhur.* 143 no. 5:52-53 My '68.
- Full-time averaging of ores at the open-pit mine of the Novo-Krivoyug Mining and Ore Dressing Combine. A. A. Zolotarev and others. *Gor. zhur.* 143 no. 5:49-51 My '68.
- Improving the methods of separation regarding oxidized, underground-mined iron ores of the Krivoyug Basin. G. E. Simbirskiy and others. *Gor. zhur.* 143 no. 5:41-45 My '68.
- Some results of drilling wells by electro- and turbodrills in the Sholokhino field. V. A. Markov, A. V. Kropotov, V. I. Popov. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 3:113-116 '68.*

622.2(477.6)—Donets Basin

- Dismantling of dump mounds in the Donets Basin. A. P. Degtyarev, N. K. Ivanov. *Mekh. stroit.* 23 no. 10:8-9 O '68.
- Effectiveness of the accelerated introduction of oil and gas fields into operation and ahead-of-schedule development drilling in the Dniepor-Donets Lowland. V. I. Zil'berman. *Neft. i gaz. prom.* no. 3:36-37 My '68.
- Improving planning for mining operations in active mines. M. Fordman. *Fin. SSR* 42 no. 8:49-51 Ag '68.
- Use of calcium chloride solutions in prospecting for deep horizons in the Donets Basin. I. U. V. Valtov, V. G. Ermakov, A. P. Akhmedov. *Razved. i otkr.* 32 no. 11:51-53 N '68.

622.2(477.8)—Western Ukraine

- Development of the steep, partially underthrust, north-eastern limb of the Vygodna pool in the Dolina oil field. A. I. Akul'shin, V. P. Vasilchuk. *Neft. i gaz. geol. i geo-fiz.* no. 4:20-31 '68.

622.2(470.24)—Azerbaijan S. S. R.

- Effectiveness of blasting methods in eliminating sticking of tools. V. M. Pigrov, Sh. M. Allov, A. O. Enframova. *Az. i Afr. seg.* 12 no. 6:15-16 Je '68.
- Efficient range for the use of airlift in a slant hole. Sh. M. Allov, I. M. Alekseyeva. *Neftprom. delo* no. 6:27-31 '68.
- Experimental determination of losses and changes in condensate recovery from the Sub-Kirakli series in the Karadag region in a depletion drive. M. S. Razamat and others. *Izv. vuz. ucheb. zav. i nefi. i gaz. II no. 2:37-40 '68.*
- Method for telecontrolling the performance of KVG-5 and 1-KVG-5 compressors. I. Sh. Kuliev. *Za tekhn. prog.* 6 no. 7:4-8 Ji '68.
- Restoring inactive deep wells by side tracking. S. T. Ovnatyanov, K. A. Karapetov. *Neftprom. delo* no. 6:31-33 '68.

522.2 (479.24) (Continued)

Spontaneous combustion as an agent for the prevention of circulation losses in oil well drilling. A. A. Shamshov, N. Kh. Babayev, L. A. Dababratov. *Azerb. nefi. khoz.* 47 no. 6:14-15 Je '68.

Studying carboxymethylcellulose as an intensifier of fluid withdrawal from drowned oil wells. B. M. Mamedov and others. *Azerb. nefi. khoz.* 47 no. 6:23-25 Je '68.

Studying colloidal-chemical properties of some clays in the Kura Lowland. A. M. Balramov and others. *Azerb. nefi. khoz.* 47 no. 6:18-20 Je '68.

622.2(571)—Asiatic R. S. F. S. R.

Characteristics of azimuthal and zenith deflection of boreholes made by shot drilling operations in one of the deposits in Transbaikalia. V. E. Sizorov. *Trudy IPI* no. 30:245-256 '68.

622.2(571.12)—Tyumen' Province

Results of studying injection wells in the Ust'-Balyk field. L. L. Kiselev, V. K. Lazarev, V. P. Maksharov. *Izv. vuz. tekhn. i. nefi. i. gaz. II* no. 3:31-35 '66.

622.2(571.17)—Kemerovo Province

Some technical and economic indices regarding hydraulic methods used in stripping operations at the Nazarovo and Bachalayskiy open-pit coal mines. A. V. Kalashnikova. *Trudy IGD(Sverd.)* no. 15:34-36 '67.

622.2(571.51)—Krasnoyarsk Territory

Some technical and economic indices regarding hydraulic methods used in stripping operations at the Nazarovo and Bachalayskiy open-pit coal mines. A. V. Kalashnikova. *Trudy IGD(Sverd.)* no. 15:34-36 '67.

622.2(571.55)—Chita Province

Study of selective grinding of the ore core in the Baley deposit. I. B. Bulnaev, I. A. Zhuk. *Trudy IPI* no. 30:232-237 '68.

622.2(574)—Kazakh S. S. R.

Economic efficiency of using hydraulic methods in stripping operations at the Sarbay Open-Pit Mine. P. A. Ivanov and others. *Trudy IGD(Sverd.)* no. 15:17-21 '67.

Hydraulic method of overburden removal at the Sarbay Open-Pit Mine. I. S. Kuklin and others. *Trudy IGD(Sverd.)* no. 15:9-18 '67.

Testing a hydraulic conveying unit at the Sarbay Open-Pit Mine. G. N. Khushchikov and others. *Trudy IGD(Sverd.)* no. 15:116-119 '67.

622.2(73)—United States of America

Economic indices of the stimulation of petroleum production by means of cyclic steam pumping. V. S. Ivanov. *Neftprom. dokl.* no. 6:40-42 '68.

Use of submersible pneumatic permeation tools for oil well drilling in the United States. G. A. Sorokov. *Neft. khoz.* 46 no. 6:65-67 Ag '68.

622.3 Mining of specific minerals, ores, rocks, liquid and gaseous minerals

Advantages of the transition to hydraulic conveying of slag at the nickel metallurgical plants. I. A. Arkhivnaya. *Trudy IGD(Sverd.)* no. 16:47-52 '67.

Mining for 350 million tons of petroleum. *Neftianik* 13 no. 6:6-9 Je '68.

An algorithm for solving the problem of managing petroleum production enterprises. N. I. Komkov. *Izv. vuz. tekhn. i. nefi. i. gaz. II* no. 2:87-90 '68.

All-Union economic conference and economic reform in construction. I. A. M. Kuperman. *Stroitel'stvo* 13 no. 7:6-7 Ji '68.

Analysis of systems of slicing with slope filling and the effectiveness of their application. Sh. N. Mamedov, G. G. Mukhtarov. *Izv. AN Azerb. SSR. Ser. nauk o zem. no. 1:43-56 '68.*

Approximate computation method for stability analysis of augers. B. V. Nikitin, V. I. Vasil'ev. *Trudy VNITP* no. 27:33-36 '67.

Assembly of stabilizer columns by 130-ton towers. Z. I. A. Avizetov, A. V. Kulikov. *Stroitel'stvo* 13 no. 5:30-31 My '68.

Blood and homopoles in miners of the tungsten mining administration. K. A. Khasanova. *Trudy Tadzh. med. inst.* 73:4-13 '65.

Calculating a cylindrical transmission gear on the "Seim" electronic digital computers. V. G. Alekseev. *Trudy VNITP* no. 27:24-32 '67.

Certain problems in the technology of coal preparation at the mineral dressing factories of by-product coke plants. S. T. Levin, V. I. Komranchik. *Izv. DSI* 52:30-35 '67.

Changes in the bone marrow in practically healthy miners and those with pneumoconiosis. K. A. Khasanova. *Trudy Tadzh. med. inst.* 73:19-28 '65.

Chromatographic method of investigating reducing substances of post-hydrolyzates. G. S. D'achkov, V. A. Lepashkina, V. A. Rostomoshin. *Trudy VNITP* no. 27:71-82 '67.

Collection of articles on design and research costs in construction. *Sbornik tezen na proektnye i issledovatel'skiye raboty dlya stroitel'stva. Izd. ofits. Moskva, Stroitelizdat. Ch. 3. [Costs for the preparation of working drawings] TSheny na razrabotku rabochikh chertezhoi.*

Razd. 5. [Ore mining industry] Gornodubnaya promyshlennost'. *Uv. 16/V 1987 g. 1968. 7 p.*

Construction work in the gas industry should be carried out by permanent highly qualified personnel. N. V. Gurov. *Stroitel'stvo* 13 no. 7:1-3 Ji '68.

Increasing expenditures on the electric power supply of oil fields. V. K. Kotobiev. *Prom. energ.* 23 no. 3:26-28 Mr '68.

Determining moisture conductivity of peat under stable conditions. I. I. Mogilevskii, G. D. Bakhtiarova, S. M. Lait'kina. *Trudy VNITP* no. 27:63-65 '67.

Development of the enterprises of the construction industry in the current decade. R. L. Vochchenko. *Stroitel'stvo* 13 no. 7:8-10 Ji '68.

Digital measuring converter with a biparametric transducer. N. Tokostanov, I. Z. Guseinova. *Izv. vuz. tekhn. i. nefi. i. gaz. II* no. 3:9-10 Je '68.

Distribution of bearing pressure in the zones beneath pillars in mining coaginous seams. I. U. A. Makhmurov, V. F. Tulyayev, V. I. Saba. *Vop. gor. dovl.* no. 24:33-37 '66.

Drilling small-diameter oil and gas wells. Burenie malozhnykh i gazovykh skvazhin malogo diametra. *Moskva, "Nedra," 1967. 512 p.*

Effect of the hot digestion of peat masses on the water-absorbing capacity of peat isolating plates. L. S. Art. *Trudy VNITP* no. 27:63-70 '67.

Estimation of projects based on the ratio of the amount of perforated elements in the general volume of construction elements. S. G. Galatin. *Stroitel'stvo* 13 no. 7:35-39 Ji '68.

Fiftieth anniversary of the decree of the Soviet government on the nationalization of the petroleum industry. A. M. Zhdanov. *Neftprom. dokl.* no. 6:3-6 '68.

Flow of non-Newtonian petroleum in pipes. R. S. Gurbatov. *Azerb. nefi. khoz.* 47 no. 6:28-30, 40 Je '68.

For the good of our country. *Stroitel'stvo* 13 no. 5:1-5 My '68.

Gravitation. Roll-on flow of H₂O₂-iron catalyst. P. D. Bologol and others. *Tsvet. mel.* 41 no. 5:17-19 My '68.

Heating open pits in the winter by introducing salt into the soil. B. P. Il'minskii, A. G. Sushinin. *Stroitel'stvo* 13 no. 7:11-12 Ji '67.

How to determine the efficiency of incentives for increasing labor productivity? H. G. Gushko. *Sala, trudy* 13 no. 6:36-40 Je '68.

Industrializing the construction of field facilities. D. P. Mal'kov, H. G. Anisimov. *Stroitel'stvo* 13 no. 5:32-33 My '68.

Influence of the angle of bite on the resistivity of soil to the digging with CUS plow vams. N. V. Sovetov. *Trudy VNITP* no. 27:18-23 '67.

International conference of petroleum scientists. S. G. Salayev and others. *Azerb. nefi. khoz.* 47 no. 6:48 Je '68.

Intensifying the establishment of scientifically based work norms in the coal industry. H. R. Rukhlyak, B. Eremin, I. D. Dvachenko. *Ekon. kod. Kar.* 10 no. 4:56-60 My '68.

Kaminskii, I. N. [Wages and material incentives in coal mines]. *Zakladnoye platno i material'noe stimulyrovaniye na ugol'nykh shakhtakh. Moskva, "Nedra," 1967. 151 p.*

Kendin, M. D. [Profitable operations of the coal industry]. *Rentabel'naya rabota ugol'noy promyshlennosti. Moskva, "Nedra," 1968. 96 p. (Konkretizatsiya ekonomika dlya gorabotkov).*

Laboratory studies of the treatment of the "bottom zone" of wells by petroleum solvents. S. A. Vozlov, L. S. Molik-Ashanov. *Azerb. nefi. khoz.* 47 no. 6:21-23 Je '68.

Mechanized sloping complexes "Tula." Guide to their arrangement, assembly operation and repair. *Ochisl'nyye instruktsionnyye kompleksoy "Tula." Flukovskoye po ustroystvu, montazhu, ekspluatatsii i remontu. Moskva, "Nedra," 1967. 308 p.*

Method of calculating optimum efficiency of loading equipment. E. N. Ostannin, V. G. Padev. *Trudy VNITP* no. 27:3-12 '67.

Methods for calculating the composition of two-component salts for producing pulp briquets of a given quality. K. E. Potrovskii. *Tor. prom.* 45 no. 6:15-17 '68.

Methods of determining optimum distances between peat storages. G. E. Gal. *Trudy VNITP* no. 27:47-56 '67.

Moltsugu potential as negative presence of water, and its action in drying peat bogs. I. I. Mogilevskii, Z. A. Moshina. *Trudy VNITP* no. 27:97-104 '67.

Most advantageous variant of the transportation of stone blocks from the Karadag stone quarry to the building areas of the Baku Moln Construction Administration. M. A. Mustafazade, L. Z. Bairov, A. S. Gennosov. *Za tekhn. prog.* 5 no. 7:11-13 Ji '65.

Operating reliability of hopper machines for gathering alveolated peat. B. P. Morozov. *Tor. prom.* 45 no. 6:13-15 '68.

Overall intensification of the flotation process of complex metal ores. G. N. Korbetov. *Tsvet. mel.* 41 no. 5:19-21 My '68.

Pave the way for the paymaster for the finished product. V. Dmitriev. *Fin. SSR* 42 no. 6:44-46 Je '68.

Petroleum production from old oil fields. *Azerb. nefi. khoz.* 47 no. 6:18-21 Je '68.

Preparation of scientific and engineering personnel in the Azerbaijan S. S. R. for the petroleum and chemical industries of foreign countries. R. M. Mamedov. *Izv. vuz. tekhn. i. nefi. i. gaz. II* no. 2:112-114 '68.

Problems of automatization of information in the determination of petroleum production costs with the use of computers. A. A. Abdullayev, B. I. Samoilovich, A. A. Muzhuk. *Za tekhn. prog.* 6 no. 3:10-13 Mr '66.

Realization of plans for the industrialization of gas field construction. I. M. Mogilevskii. *Stroitel'stvo* 13 no. 7:32-35 Ji '68.

Regularities of changes in the speed of rotation of the job on the working part of PND post-loading equipment. U. M. Romanov. *Trudy VNITP* no. 27:13-17 '67.

Reliability of electric power supply of petroleum refineries. A. A. Spirtin and others. *Izv. vuz. tekhn. i. nefi. i. gaz. II* no. 6:30-34 Ag '68.

Reliability of peat machinery. G. A. Bolev. *Trudy VNITP* no. 27:37-46 '67.

Results of observations of the settling of mud mass in the pillar system of mining of the floor. G. E. Potrovskii, A. G. Shalhin, I. U. A. Rykshon. *Vop. gor. dovl.* no. 24:105-112 '66.

Results of the measurements of broken-down cell lattice pillar system of mining to the rise. V. M. Kiselev, B. A. Zhukov. *Vop. gor. dovl.* no. 24:107-104 '66.

Sensor demand for automatic regulation of peat production by UMPP machines. V. I. Chalkov. *Tor. prom.* 45 no. 6:26-27 '68.

Sirazuddinov, A. M., and Z. K. Kargazhanov. "Determining the efficiency of the industrial use of complex metal ores." *Chetverdenie effektivnosti promyshlennogo ispol'zovaniya polimetallicheskih rud. Alma-Ata, "Giz," 1967. 50 p.*

Sliding friction between ball peat and steel. G. V. Abakumov. *Trudy VNITP* no. 27:57-59 '67.

Socialist obligations of the workers of the Ministry of the Gas Industry for ahead-of-schedule fulfillment of the five-year plan and assignments in 1968 in order of the centennial of the birth of V. I. Lenin. *Stroitel'stvo* 13 no. 5:8-10 My '68.

Some technical and economic indices regarding hydraulic methods used in stripping operations at the Nazarovo and Bachalayskiy open-pit coal mines. A. V. Kalashnikova. *Trudy IGD(Sverd.)* no. 15:34-36 '67.

Studying carboxymethylcellulose as an intensifier of fluid withdrawal from drowned oil wells. B. M. Mamedov and others. *Azerb. nefi. khoz.* 47 no. 6:23-25 Je '68.

[Technology, mechanization and automation of industrial processes in underground mining] *Tekhnologiya, mekhanizatsiya i avtomatizatsiya proizvodstva podzemnykh razrabotok. Moskva, "Nedra," 1968. 476 p.*

Testing drainage ditch crossing made from asphaltes concrete pipes. V. A. Eryshov, and others. *Tor. prom.* 45 no. 6:13-14 '68.

Transportation of passengers and freight at peat enterprises. A. K. Filippov. *Tor. prom.* 45 no. 5:26-28 '68.

Ukrainskaya nauchno-tekhnicheskaya konferentsiya po teme "Izucheniye i primeneniye v promyshlennosti i stroitel'stve nauki i tekhnologii v razvitiye i razvitiye. Kiev, 1966. First Ukrainian Scientific and Technological Conference: Abstracts and Scientific Reports on the Results of the Work of the Conference. Kiev, 1966. 130 p.

Use of an FM-238 engine in a TU-4 diesel. V. V. Aksenov. *Tor. prom.* 45 no. 6:25-28 '68.

Use of mathematical methods in the optimum control of petroleum production enterprises. A. A. Abdullayev. *Za tekhn. prog.* 6 no. 7:18-17, 45 Ji '68.

Using the inverted T-shaped slides, and combined their spontaneous motion in inclined ramps. I. G. Gorbachev. *Vop. gor. dovl.* no. 24:36-41 '68.

The VPZ-4 motorized potentiometer with precal. I. I. Mogilevskii. *Trudy VNITP* no. 27:105-111 '67.

Work program for the creation of super-petroleum and gas pipelines. *Stroitel'stvo* 13 no. 5:11 My '68.

622.3(479.104)—Capitalist countries (Africa)

The mine and the miner. Lucien Lahrave. *Ustia, prog. dovl.* no. 5:28-31 My '68.

Swaziland has become an independent African state. V. Snytn. *Nov. voprosy* 26 no. 39-30 S '68.

622.3(471.45)—Volgograd Province

Separating layers with nonagglutinate cement and a base of the field-geophysical data. M. G. Zhurav. *Neftprom. dokl.* no. 4:32-34 '68.

622.3(470)—White Russian S. S. R.

Peat industry on the 50th anniversary of the White Russian SSR. I. I. Druzhelovskii. *Tor. prom.* 45 no. 6:24 '68.

Practice in operating the Ust'-Bok peat bog. *Trudy VNITP* no. 27:105-111 '67.

622.3(477)—Ukrainian S. S. R.

Developing the Dombrovo potassium salt deposit in strip mining. V. P. Baranovskii, N. I. Koshov, T. Zadorozhnyi. *Gor. zhur.* 143 no. 5:52-53 My '68.

Efficient flowlines for the beneficiation of exfoliated gneiss ores of the Sukovyl' deposit. I. I. Girzhenko. *Gor. zhur.* 143 no. 5:24-28 My '68.

Radical improvement of ore dressing technology at the Kirov Mine. G. M. Malakhov and others. *Gor. zhur.* 143 no. 5:45-48 My '68.

Using a polyethylene film in field construction. V. I. Dubovitskii, E. M. Mazur. *Stroitel'stvo* 13 no. 3:31-32 Mr '68.

622.3(479.24)—Azerbaijan S. S. R.

From the history of introducing electric energy in the oil fields of Baku. G. G. Tel'murazov. *Izv. vuz. tekhn. i. nefi. i. gaz. II* no. 2:70-76 '68.

Interesting acquaintance. K. Koshin. *Neftianik* 13 no. 6:35-37 Je '68.

Mamedov, Sh. N., G. G. Mukhtarov, and B. A. Osipov. "Efficient working of salt deposits in Azerbaijan." *Ratsional'naya razrabotka mostorozhdeniy kamennolozn. Azerbaidzhana. Baku, Izd. AN Azerb. SSR, 1967. 224 p.*

Thermocatalytic conversion of gasoline fractions of Pechenyay Island petroleum. N. M. Abasova and others. *Azerb. nefi. khoz.* 47 no. 6:31-33 Je '68.

622.7 (Continued)

- Plants of the Niprocua Institute have remodeled the flotation machines Mekhanob-5A and EA to the pneu-momerhanical. T. Milev. Tsvet. met. 41 no. 3:50-51 My '68.
- Selecting the efficient size of grains for autogenous grinding of ores. A. I. Denisenko. Izv. DGI 52 43-50 '67.
- Separation mechanism in the concentration of loose materials in curvilinear flows. I. U. P. Gupalo and others. Dokl. AN SSSR. 180 no. 8:1419-1421 Je '68.
- Scorption of a magnetized anion collector by mineral surfaces. A. J. Klassen and others. Tsvet. met. 41 no. 5: 23-24 My '68.
- Studying the separation process of tin containing ore in heavy suspensions. E. V. Gollakhin. Tsvet. met. 41 no. 5:26-27 My '68.
- Sulfurous iron ore sinter with a magnetite gangue. M. S. Rykov, A. I. Stepanov, A. A. Petrushev. Izv. vsh. ucheb. zap. chern. met. 11 no. 1:26-29 '68.
- Theoretical premises with regard to ore washing processes in lowers. N. A. Maleiskii, E. E. Sengo. Izv. DGI 52 102-108 '67.
- Theory and practice of jigging processes. S. T. Levin, and others. Izv. DGI 52 93-101 '67.
- Theory of the process of gas-jet milling and roasting of ores. L. Zh. Gorobets, V. I. Gorobets. Izv. DGI 52 77-85 '67.
- Thorough heating of a layer of material by gas with a moving front of constant temperature. R. R. Sikkhar, N. M. Babushkin. Sbor. nauch. trud. VNIMT no. 14:172-188 '68.
- To the participants of the 8th International Congress of Mineral Dressing. P. F. Lutsenko, I. P. Kazuets, Gor. zhur. 143 no. 5:3 My '68.
- Use of combined binders for the briquetting of coals. A. G. Sushkier and others. Izv. DGI 52 198-194 '67.
- Use of mathematical methods in planning the experiment for determining optimum parameters of magnetic separation and filtration. V. I. Karmazin, L. P. Shipov. Izv. DGI 52 135-138 '67.
- Use of the random balance method in the comparative analysis of algorithms for separation of significant factors in the flotation process. L. A. Barskii and others. Zav. rab. 34 no. 9:684-500 '68.
- Using highly efficient resonance screens in the Basike-sand Dressing Plant. A. M. Ageev, Zalekh, prig. 6 no. 7:33-34 Mr '68.
- Using methods of cybernetics in mineral dressing. L. P. Shipov. Izv. DGI 52 105-108 '67.

622.7(471.323)—Kursk Province

- Dressing and pelletizing plants of the Lebed and Mikhaylovsk dressing combines. F. U. Vojnov and others. Otr. zhur. 143 no. 5:10-23 My '68.

622.7(477)—Ukrainian S.S.R.

- Comparative findings of FL-7 and FHL-50-M flotation machines at the Dzerzhinskii Coal Preparation Plant. N. G. Bedran, I. N. Grigor'ev, N. G. Sokolenko. Izv. DGI 52 112-128 '67.
- Ore averaging of ores at the open-pit mine of the Novo-Krivoy Rog Mining and Ore Dressing Combine. A. A. Rybchenko and others. Gor. zhur. 143 no. 5:41-44 My '68.
- Magnetic dressing of slimes of the Petrovskii Plant. V. I. Karmazin, A. P. Zhelezinskii. Izv. DGI 52 150-153 '67.
- Multistage flowsheet for the dressing of Krivoy Rog iron ore by the way of improving the quality of concentrates. S. I. Zhuravlev. Gor. zhur. 143 no. 5:14-16 My '68.
- Optimizing concentrates with the iron content in excess of 67% at the ore dressing plant of the Krivoy Rog Mining and Ore Dressing Combine. I. F. Bulonozhka and others. Gor. zhur. 143 no. 5:17-19 My '68.

622.7(470.25)—Armenian S.S.R.

- Reclamation of residual molybdenum and copper from tailings with concurrent manufacture of Portland cement. M. Zurnachian, T. Oslipova. Prom. Arm. 10 no. 7:41-45 '68.

622.7(571.63)—Ingulak Province

- Business accounting in plants and workshops of the Kolesovka Mining and Ore Dressing Combine. G. V. Kolesov. Gor. zhur. 143 no. 5:34-36 My '68.

622.8 Safety and health protection in mines. Accidents. Damage

- Correlation between the dustiness of atmosphere and air temperature and altitude mark of a given mine. V. S. Veprov, V. I. Korotkov. Zap. LCI 55 no. 1:68-83 '68.
- Distribution of bearing pressure in the zones beneath pillars in mining coal-bearing seams. I. A. Maklun'ko, V. P. Tulyatna, V. N. Skuba. Vop. gor. davl. no. 24 33-37 '66.
- Distribution of gas pressure around a borehole in coal seams. N. M. Proskurnikov. Zap. LCI 55 no. 1:91-95 '68.
- Dust collecting during the boring by washing with magnetically treated water. V. I. Klassen, A. R. Sotekii, A. V. Gvozdev. Gor. zhur. 143 no. 5:71-73 My '68.
- Dust formation during coal transportation by belt conveyors. V. I. Korotkov. Zap. LCI 55 no. 1:81-84 '68.
- Dynamics of dust suppression during blasting operations in mines of permafrost areas. N. A. Khokhlov. Zap. LCI 55 no. 1:75-78 '68.
- Explosive properties of sulfide dust arising in exploring workings. P. A. Lysonkov. Zap. LCI 55 no. 1:68-71 '68.
- Influence of coal disbursement on conditions of methane emission. V. I. Gontchov. Zap. LCI 55 no. 1:106-111 '68.
- Influence of mine fire thermal depression on the parameters of ventilation. I. U. V. Grigor'ov. Zap. LCI 55 no. 1:100-104 '68.

Influence of the structure and strength of roofs on bearing pressure parameters in the shield-protected system of mining steeply pitching seams of the Kuznetsk Basin. O. I. Melnikov, O. V. Timofeev, I. U. N. Ogorodnikov. Vop. gor. davl. no. 24 24-33 '66.

Investigating performance conditions of coal face supports in inclined layers during narrow strip mining on the strike with filling. N. I. Kuskov. Vop. gor. davl. no. 24 9-18 '66.

Methods for calculating the composition of two-component shists for producing peat briquets of given quality. E. E. Petrovskii. Torf. prom. 45 no. 6:15-17 '68.

Observation of roof behavior in shield-protected mining of steep seams. A. G. Shadrin, G. E. Pashkov. Vop. gor. davl. no. 24 3-9 '66.

Prognosis of coal dust explosive properties. P. A. Lysonkov. Zap. LCI 55 no. 1:72-74 '68.

Radius of influence of advance boreholes according to gas-dynamics factor. N. M. Proskurnikov. Zap. LCI 55 no. 1:99-98 '68.

Reducing atmosphere dustiness in mines of permafrost areas by controlling heat conditions. V. S. Veprov, N. A. Khokhlov. Zap. LCI 55 no. 1:64-67 '68.

Sensor demand for automatic regulating shredded peat gathered by UMFP machines. V. I. Chalkov. Torf. prom. 45 no. 8:26-27 '68.

Source of dust formation in boreholes blown out by compressed air. I. U. V. Goll, Zap. LCI 55 no. 1:108-109 '68.

622.8(571.58)—Yakut A.S.S.R.

Reducing the dustiness of atmosphere in mines of the Far North by reversal of ventilation current. V. S. Veprov. Zap. LCI 55 no. 1:70-80 '68.

622.8(571.63)—Maritime Territory

Influence of mining technology factors on the outbreak of spontaneous fires in coal mines of the Primorskugol' Combine. I. U. V. Grigor'ev. Zap. LCI 55 no. 1:103-107 '68.

623.4 Ordnance. Guns. Service vehicles. Ammunition. Weapons

- "Brake system of a track train." M. A. Butyrin. Vest. protivovozd. obr. no. 7:66-77 Ji '68.
- Design of a sport rifle. P. Solov'ev, S. Urclick. Voyn. zhurn. 41 no. 7:30-31 '68.
- Portreasures on wheels. K. I. Khachiev, P. I. Larin. Tekh. i voruzh. 26 no. 12:2-3 D '67.
- Loading ammunition. L. Masbhor, M. Zhuravlin. Tekh. i voruzh. 26 no. 1:40-41 '68.

623.4(41)—United Kingdom and Northern Ireland

Chemical and bacteriological weapons for the North Atlantic Treaty Organization. A. Inor, M. Khudunov. zhurn. 15 no. 8:127-128 '68.

623.4(73)—United States of America

Armament of the aggressor. I. Novichenko, A. Koltushkin. Voyn. zhurn. 41 no. 7:12-13 Ji '68.

Decontamination. A. Ivanov, G. Ivanov, E. Semonov. Tekh. i voruzh. 26 no. 12:43-45 D '67.

623.461 Projectiles. Shells. Bombs. Guided missiles

Our nuclear rocket shield. N. Krylov. Tekh. i voruzh. 26 no. 2:3-5 F '68.

Sources of electric power on aircraft. I. I. Krivobokh. Vest. protivovozd. obr. no. 7:68-61 Ji '68.

623.451(73)—United States of America

There, where the war will go on. Morika Wernerska. Nov. vrem. 26 no. 35:22-24 Ag '68.

623.6 Ballistics. Gunnery

- Characteristics of icatons caused by some models of small caliber firearms. V. S. Zhilkov. Sud.-med. ekspert. 11 no. 3:51-62 Ji-S '68.
- Examination of gunshot-caused damage of clothing made of synthetic materials. A. N. Ralnevskii. Sud.-med. ekspert. 11 no. 3:14 Ji-S '68.
- Forensic medical significance and possibilities of detecting traces of metal in the area of lesion. A. review. L. M. Eldin. Sud.-med. ekspert. 11 no. 3:16-18 Ji-S '68.
- Stability of the signs of close-range shots from the "PM" pistol and "AK" submachine gun. L. I. Gliko. Sud.-med. ekspert. 11 no. 3:10-13 Ji-S '68.

624 Civil, structural engineering

- Accelerating the thermal processing of concrete for construction sites in Tyumen Province and the electric heating of a concrete mixture. V. S. Lelrikh, V. A. Gendin, Z. S. Ivarova. Stroitel'stvo. 13 no. 3:11-14 Mr '68.
- Approximate way of determining horizontal suspended systems. G. S. Vedenikov, A. K. Stepanovich. Stroitel'stvo. 13 no. 3:8-8 '67.
- Calculating bridges using statically undefinable base systems. S. A. Pimenov. Stroitel'stvo. 13 no. 3:42-44 '68.

Calculating conical shells beyond elastic limit. A. M. Mikhailov. Stroitel'stvo. 13 no. 3:12-16 '67.

Calculating flexible coverings with large deflection.

Calculating plates resting on statistically non-homogeneous base. Sotolov, D. N., Palans, B. L., Shlein, V. I. Stroitel'stvo. 13 no. 3:24-26 '68.

Calculating pre-cast and poured-in-place prestressed reinforced-concrete structures considering plastic strains (with nonlinear creep). A. D. Dolzko. Sbor. AN Gruz. SSR. 47 no. 3:659-664 '67.

Calculating rib-reinforced shells. A. M. Arakchik, Stroitel'stvo. 13 no. 3:43-45 '67.

Calculating also structures of a heterogeneous plasticity. D. M. Benlaminov, A. A. Drivov, V. D. Razer. Stroitel'stvo. 13 no. 3:16-19 '67.

Calculating the carrying capacity of reinforced shells of revolution on electronic digital computers. K. B. Akhmedov, M. A. Danilashvili. Sbor. AN Gruz. SSR. 47 no. 3:655-658 '67.

Calculation and optimum design of reinforced concrete structures. M. I. Bellman. Stroitel'stvo. 13 no. 3:23-27 '67.

Carrying capacity of arothropic shells. M. Sh. Sharvay, A. S. Dokhtin. Stroitel'stvo. 13 no. 3:17-19 '66.

Carrying capacity of slanting cylindrical shells. V. A. Arakchik. Stroitel'stvo. 13 no. 3:41-43 '68.

Construction of large oil tanks in Japan, the Federal Republic of Germany, and Holland. I. U. S. Lelzikov, B. V. Popovskii. Miroi. i spets. rab. v stroit. 30 no. 8: 20-29 Ag '68.

Construction of offshore oil-field structures using keramzit terracore. G. G. Shakhmatovskaya, A. I. Dindova, Z. I. Khokhlov. 9 no. 7:35-37 Ji '68.

Cylindrical deflection of 3-layer plates with corrugated bearing layer. B. M. Novikov. Stroitel'stvo. 13 no. 3:10-11 '67.

Design of a reinforced concrete beam considering its rigidity changes with time. G. P. Lenkovskii. Sbor. nauch. rab. DVNIS no. 6:69-74 '64.

Determining frequencies of natural oscillations of spherical cupolas with plucked edges. V. S. Novikov. Stroitel'stvo. 13 no. 3:42-44 '68.

Determining normal and shear stress in slanting cylindrical shells. V. V. Dikovich. Stroitel'stvo. 13 no. 3:9-12 '67.

Determining probable characteristics in vibrations of a guy netting. V. A. Ilovich. Stroitel'stvo. 13 no. 3:35-40 '68.

Determining the lower limit of the carrying capacity of shells. B. M. Mirzakov. Stroitel'stvo. 13 no. 3:21-23 '68.

Distribution of stresses in three-dimensional rod structures. G. N. Hagan, V. I. Trofimov. Stroitel'stvo. 13 no. 3:10-14 '68.

Dmitriyev, L. G., and A. V. Knyazev. Guyed roofs (design and construction) (Vostochnye pokrytiya. Raschet i konstruirovaniye). Kiev, "Dobrovol'nyk," 1959, 121 p. [Dynamics of structures] Dinamika sooruzhenii. Tol' red. H. G. Korenova. Moskva, Stroitel'stvo, 1958, 163 p.

Errors committed in designing bridge supports. V. V. Pasok. Stroitel'stvo. 13 no. 3:47-48 '68.

Estimation of projects based on the ratio of the amount of prefabricated elements in the general volume of constructional elements. S. Galatin. Stroitel'stvo. 13 no. 7:39-41 Ji '68.

General method of calculating stresses from elastic-plastic material. A. V. Gornostolov. Stroitel'stvo. 13 no. 3:47-48 '68.

The holiday of construction workers. Mekh. stroit. 25 no. 8:2-3 Ag '68.

In the "Coastal" of the U.S.S.R. O. I. Ignatov and others. Osm. i. ind. i stroit. 30 no. 8:2-3 Ag '68.

Industrializing the construction of field facilities. I. V. Matvov, I. U. G. Anshin. Stroitel'stvo. 13 no. 3:32-33 My '68.

Investigating stresses in the lower part of the Krasnoyarsk Hydroelectric Power Station penstock. A. M. Gaididov, I. A. M. Salitov, S. N. Elgenson. Otd. stroit. 37 no. 8:27-28 Ag '67.

Limiting equilibrium of plates with holes. V. G. Samarin. Stroitel'stvo. 13 no. 3:27-28 '66.

Manufacture of steel welded arc welds from rolled steel. G. V. Raerakhi. Avtom. svar. 21 no. 3:42-45 My '68.

Minion of a torus on an infinitely long beam lying on an elastic foundation. B. G. Konev. Stroitel'stvo. 13 no. 3:27-30 '67.

New equipment for gillows. I. I. Zelenkova. Mekh. stroit. 24 no. 6:24 Ji '67.

Nikolai Stankovskii Stroitel'stvo (1885-1967). Stroitel'stvo. 13 no. 3:47-48 '67.

One criterion of stability of nonlinear systems. A. M. Protsekin. Stroitel'stvo. 13 no. 3:3-4 '67.

The optimal height of concrete fills in gravity dam construction. V. A. Burakov, E. E. Lelkov. Gidrot. 37 no. 8:13-18 Ag '67.

Preventing longitudinal cracks in concrete structures. G. N. Ptsenko, I. N. Shcherbakov, V. I. Ivashin. Avt. 10. no. 3:22-23 Mr '68.

Probability calculation of flexible slanted shell. B. I. Nomi-ovskii. Stroitel'stvo. 13 no. 3:17-21 '68.

Relation between external and internal forces during the pure flexure of nonlinear elastic rods. S. E. Gliko. Trudy SozuzkhorNIPROekt no. 17:68-72 '67.

Rad analogy of the pol poln moishd. S. A. Smirnov. Stroitel'stvo. 13 no. 3:7-10 '68.

Selection of optimal temperature conditions of mass concrete blocks rigidly fastened to their foundation. A. V. Shverlov, V. D. Dublago. Gidr. stroit. 37 no. 12: 38-42 D '68.

Socialist competitions during the anniversary year. Stroitel'stvo. 13 no. 3:42-43 '67.

Some problems of the dynamics of compressible rigid elastoplastic medium. G. A. Gontov. Stroitel'stvo. 13 no. 3:32-35 '68.

- Soil relations in conoid theory. A. M. Kurockin. *Stroitel'mekh. i mash. stroit.* 10 no. 6:45-46 '68.
- Stability of free resting cylindrical shell at axial compression. A. V. Malinov. *Stroitel'mekh. i mash. stroit.* 9 no. 3:31-36 '67.
- Stability of glass-reinforced cylindrical shells. V. V. Avdeyev. *Stroitel'mekh. i mash. stroit.* 9 no. 4:36-38 '67.
- Statistical analysis of flexible pile grouting structures. L. V. Mazurek. *Gidrot. stroit.* 37 no. 12:22-25 '66.
- Temperature requirements for massive concrete blocks. A. V. Molodtsov. *Stroitel'mekh. i mash. stroit.* 9 no. 6:46-49 '67.
- Tearing prestressed elements of a tank of liquid gas. B. A. Kalyuzhnyy, V. A. Tanayev. *Stroitel'mekh. i mash. stroit.* 13 no. 7:15-18 '66.
- Three-dimensional geology systems. Theory and design. E. N. Kuznetsov. *Stroitel'mekh. i mash. stroit.* 9 no. 3:1-5 '67.
- Twisting of soil rods and tubes. Model of material with nonlinear characteristics. N. I. Ibragimov. *Stroitel'mekh. i mash. stroit.* 9 no. 3:21-24 '67.
- Vibrations of an infinite plate on an elastic half-space under the influence of sliding load. R. T. Ibragimov. *Stroitel'mekh. i mash. stroit.* 9 no. 4:30-43 '67.
- Welding antenna for the television tower in Olsankino. R. G. Shreiderov, K. V. Lialin, L. A. Gal'perin. *Mont. i spets. rab. v stroit.* 30 no. 8:19-21 '66.
- Working small ground volumes with the help of suction dredges. A. G. Ioffe, N. P. Kolpashnikov. *Mekh. stroit.* 23 no. 7:13-14 '66.
- E24.1 Earthwork. Foundations. Substructures. Tunneling.**
- Apparatus for testing piling. B. V. Bakholdin. *Mekh. stroit.* 24 no. 6:17-18 '67.
- Automation and remote control of deep pumping - out in hydraulic engineering. A. M. Veselov. *Gidrot. stroit.* 37 no. 12:41 '66.
- Brigging pile-driving units. V. G. Kosogorov. *Mekh. stroit.* 23 no. 7:19-20 '66.
- Calculating a deep foundation wall taking into account the shifting of the deformation modulus of the soil in the foundation bed. K. Gaffarov. *Osn., fund. i mekh. grun.* 9 no. 6:20-32 '67.
- Calculating deeply embedded supports by deformations. R. H. Klakhtorn. *Osn., fund. i mekh. grun.* 9 no. 6:14-17 '67.
- Calculating girder on an elastic base combining the stress-strain characteristics of Winkler's layer and the linearly-determinable medium. L. N. Iupnikov. *Osn., fund. i mekh. grun.* 9 no. 6:4-6 '67.
- Calculating grillage frames on classically yielding and elastically rotating supports. H. A. Shvartsman, L. V. Mazurek. *Trudy SoluzMorNIIProekt* no. 17:50-55 '67.
- Calculating structures made of large diameter shells for the effect of axisymmetric loads. V. I. Nikolov. *Trudy SoluzMorNIIProekt* no. 17:60-67 '67.
- Calculating the elastic foundation wall for horizontal load. Taking into account the breaking in the continuity of the foundation bed. A. H. Ogrunovich. *Osn., fund. i mekh. grun.* 9 no. 6:7-9 '67.
- Calculating the in-the-ground flexure of piles loaded by a horizontal force and moment. L. V. Mazurenko, D. A. Shvartsman. *Trudy SoluzMorNIIProekt* no. 17:72-76 '67.
- Calculating the slope stability of breakwater fill structures. A. V. Elshin. *Trudy SoluzMorNIIProekt* no. 17:133-135 '67.
- Calculation of a monolithic circular tunnel lining. I. A. Buzavskiy. *Gidrot. stroit.* 36 no. 6:31-35 '66.
- Change in the properties of sagging loess with depth after high compaction by saturation or blowing. I. M. Litvinov. *Osn., fund. i mekh. grun.* 9 no. 6:24-25 '67.
- Checking the moisture content in earth fill structures by the heat capacity method. H. D. Vidnecov, B. S. Zil'vadnyy. *Gidrot. stroit.* 37 no. 12:25-28 '66.
- Comparison of sand in foundation fills on heaving ground. N. Ia. Fedorov. *Sov. nauch. rab. DVNIIS* no. 8:117-119 '64.
- Compressibility of heavy chunk fill under big loads. H. L. Kogan. *Gidrot. stroit.* 36 no. 6:21-24 '66.
- Conference on rock foundations of hydraulic structures. I. K. Chumenskii, N. A. Filimonov, S. A. Fribel. *Gidrot. stroit.* 37 no. 8:60-61 '67.
- Conference on the problems of designing and constructing underground structures. K. P. Klavtzev, D. E. Pot'ashin. *Osn., fund. i mekh. grun.* 9 no. 6:34-35 '67.
- Constructing outer shells of a high head dam by placing rockfill material in thin layers with mechanical compaction. G. N. Petrov, L. S. Reftman, K. S. Laitin. *Gidrot. stroit.* 38 no. 7:7-12 '68.
- [Construction specifications and regulations] *Stroitel'nye normy i pravila*. Izd. ofits. Moskva, Stroizdat. Ch. 2. Razd. B. Gl. 6. [Pile foundations. Design specifications.] Svalnye fundamenty. Normy proektirovaniya. SN i P-P-B. 6-67. Uiv. 20/VII 1967 g. 1968. 20 p.
- Ch. 3. Razd. B. Gl. 1. [Earth structures. General regulations on the execution of work and acceptance of completed work.] Zemlianye sooruzheniya. Obshchie pravila proizvodstva i priemki rabot. SN i P-P-B. 1-62. Uiv. 26/XII 1962 g. 1967. 41 p.
- Damming of the Naryn River during the construction of the Toktogul Hydroelectric Power Station. L. A. Tolkachov. *Gidrot. stroit.* 36 no. 6:7-10 '66.
- Deformation calculation of flexible supports embedded in the ground taking into account the longitudinal force. N. K. Shtko, A. N. Shtko. *Osn., fund. i mekh. grun.* 9 no. 6:1-3 '67.
- Deformation dependence of incoherent soil and its possible use. B. N. Barshevskiy. *Gidrot. stroit.* 36 no. 9:24-27 '68.
- Design of the concrete lining for a pressure tunnel with allowance for limited opening of fissures. G. I. Vorlitskiy. *Gidrot. stroit.* 36 no. 12:30-38 '66.
- Earthmoving equipment on wheels. A. I. Saifonov. *Gidrot. stroit.* 36 no. 6:43-45 '66.
- Earthwork in vertical planning of a microdistrict. A. Chereniseva. *Zem. stroit.* 11 no. 5:11-12 '66.
- Effect of foundation beds on the distribution of stresses in reinforced buttress dams. V. N. Lombardo. *Gidrot. stroit.* 36 no. 9:29-32 '66.
- Equation of current function for calculating two-dimensional steady-state percolation in heterogeneous soils. A. I. Mikhail'sevich. *Dokl. AN BSSR* 12 no. 5:453-456 May '68.
- Equipment for determining the resistance of foundation bed soil at the lateral surface of piles and in the plane of their lower ends. A. A. Dolinskii. *Trudy SoluzMorNIIProekt* no. 10:54-56 '68.
- Equipment for enlarging boreholes for piles built in place. A. M. Ibragimov. *Mekh. stroit.* 24 no. 6:21 '67.
- Examination of the underground contour of hydraulic structures regarding overall seepage resistance of the foundation beds. A. V. Nikhalov. *Gidrot. stroit.* 30 no. 6:48-48 '66.
- Experimental determination of the coefficient determining the radial percolation of interstitial water. A. S. Morozov. *Trudy SoluzMorNIIProekt* no. 16:103-105 '68.
- Experimental investigation of sand strength in conditions of plane deformation. V. V. Kostin. *Trudy SoluzMorNIIProekt* no. 17:95-98 '67.
- Fifth International Conference on Mechanization of Earthwork. L. E. Podtorskii. *Mekh. stroit.* 23 no. 7:30-32 '66.
- Fillings. E. P. [Safety manual for operators of artificial soil stabilization installations.] *Prilozhenie k tekhnike bezopasnosti dlya mashinistov ustankov po sklavivannomu zakrepleniiu gruntov*. Moskva, Suilzdat, 1967. 18 p. (Tekhnika bezopasnosti v stroitel'stve).
- Fillings for the protection of foundations against seepage and disintegration by frost cracks. S. I. Gusev. *Osn., fund. i mekh. grun.* 9 no. 6:26-27 '67.
- Improving safety measures in tunnel operations. A. R. Simin, N. I. Tuka. *Zhuk. dor. transp.* 50 no. 2:85-87 '68.
- Improving the technology of silicification of loess. A. K. Beketov and others. *Osn., fund. i mekh. grun.* 9 no. 6:22-24 '67.
- Investigation of cohesion of clayey soils by the method of percolation. E. P. Mostakov. *Izv. vsh. uch. zov. i ecol. razv.* 11 no. 7:13-18 '68.
- Investigating the deformation state of structure foundations. I. A. Feldman. *Trudy SoluzMorNIIProekt* no. 17:60-63 '67.
- Investigating the performance of anchor installations under horizontal loads. S. M. Kozlov. *Osn., fund. i mekh. grun.* 9 no. 9:19-21 '67.
- Laboratory blade equipment for determining the shear resistance of clay soils. A. S. Marchenko. *Trudy SoluzMorNIIProekt* no. 19:90-101 '67.
- Lantaburg, A. D. [Handbook for young excavator operators.] *Spetsialnaya molodogmu mashinista ekskavatora*. Izd. 2-e, ispr. i dop. Moskva, "Vyssh. shkola," 1968. 272 p.
- Lateral pressure of backfills. V. Kh. Goltzman. *Gidrot. stroit.* 37 no. 8:46-49 '67.
- Lining for a spillway tunnel made of precast reinforced concrete. R. A. Lektinonov. *Trudy Giprovozhizra* no. 21:19-22 '62.
- Measuring and plotting the elastic line of sheet pile walls. A. P. Novikov. *Trudy SoluzMorNIIProekt* no. 10:126-128 '68.
- Methods for evaluating borrow pits, landfill compaction, design and control characteristics of cohesive soils in impervious embankments. I. N. Gudnev. *Gidrot. stroit.* 38 no. 7:47-51 '68.
- Metrology of control ground pressure. G. A. Arat, V. Z. Kheifit. *Trudy SoluzMorNIIProekt* no. 19:13-15 '68.
- New data of experimental studies of the soil pressure on rigid retaining walls. I. I. Akovlev, R. V. Lubenov. *Gidrot. stroit.* 36 no. 7:33-36 '66.
- Pile driving unit. B. V. Goncharov and others. *Mekh. stroit.* 23 no. 10:11-12 '66.
- Preventing the ground from freezing. V. A. Chotkashin. *Mekh. stroit.* 25 no. 8:30-31 '68.
- Promising trends in the construction of concrete dams on rock foundation beds. A. N. Marchuk. *Gidrot. stroit.* 37 no. 12:9-11 '66.
- Reinforcing the slope stability of the H'chevsk Harbor excavation. S. A. Avramchuk. *Trudy SoluzMorNIIProekt* no. 17:101-107 '67.
- Settlement of a foundation during the erection of heavy equipment. N. P. Dolova, V. I. Masyrchov. *Osn., fund. i mekh. grun.* 9 no. 6:27-29 '67.
- Shneider, V. A. [Scrapers, bulldozers, graders.] *Skrapery, buldozery, grejdery*. Izd. 3-o, ispr. i dop. Moskva, "Vyssh. shkola," 1968. 204 p.
- Sinking of shafts by pile driving machines in permafrost soils. I. O. Targuilen, D. P. Vysochskii. *Mekh. stroit.* 16:17 '67.
- Slope shaping attachment to the multi-bucket trench-digging excavator. O. A. Morozova. *Mekh. stroit.* 25 no. 8:26 '68.
- Some methods used for laying earth material during wintering at the site of the Saratov Hydroelectric Power Station. V. V. Nikiforov. *Gidrot. stroit.* 38 no. 7:12-14 '68.
- Stability analysis of the rock abutments in arch dams. S. I. Tatchov. *Gidrot. stroit.* 37 no. 8:31-35 '67.
- Stability of massifs on the edges of mountain river canyons. M. A. Revazov, T. K. Pustorolova. *Gidrot. stroit.* 36 no. 1:21-24 '68.
- Statistical research of the deformability of sandy foundation beds. E. P. Kudryavtsev, A. V. Novozhilov, N. I. Sudakov. *Osn., fund. i mekh. grun.* 9 no. 8:11-14 '67.
- Studying rock jointing characteristics by hydraulic testing combined with grouting. G. N. Kremov. *Gidrot. stroit.* 37 no. 12:29-30 '66.
- Thermochemical method of drilling boreholes for piling foundations in permafrost soil. L. N. Lukashov. *Mekh. stroit.* 24 no. 6:13-17 '67.
- Transducer of longitudinal soil stresses on the basis of a two-component dynamometer. G. A. Arat, V. I. Tsiganey, V. Z. Kheifit. *Trudy SoluzMorNIIProekt* no. 19:67-71 '68.
- Using electronic digital computers for designing optimal foundation structures under walls. E. F. Vinokurov, V. E. Tykhtchev, E. I. Hrashevskiy. *Osn., fund. i mekh. grun.* 9 no. 6:17-18 '67.
- VVPS-20/11 vibration pile driver. *Mekh. stroit.* 25 no. 8:17 '68.
- Working small ground volumes with the help of suction dredges. A. G. Ioffe, N. P. Kolpashnikov. *Mekh. stroit.* 23 no. 7:13-14 '66.
- 624.1 (41)—United Kingdom and Northern Ireland**
- Equipment for pilework in England. I. A. Gaultchev. *Mekh. stroit.* 24 no. 6:25-26 '67.
- 624.1 (471.41)—Tatar A. S. S. R.**
- Restoration work at a stabilization site. H. Z. Kamalov. *Stroitel'mekh. i mash. stroit.* 13 no. 3:32-33 '68.
- 624.1 (474.2)—Estonian S. S. R.**
- The Congress of Engineering Geology in the Estonian S. S. R. A. Vito. *Osn., fund. i mekh. grun.* 9 no. 6:35 '67.
- 624.1 (477)—Ukrainian S. S. R.**
- Connections between the structural and physicochemical properties of loess. M. P. Lyashko. *Izv. vsh. uch. zov. i ecol. razv.* 11 no. 7:99-103 '68.
- Introduction of drilling-rig driven piles at constructions in the Ukraine. G. D. Davydov, V. I. Dubinin. *Mekh. stroit.* 24 no. 6:12-13 '67.
- 624.1 (477.0)—Crimea**
- Lining of Yalta hydraulic tunnel. A. N. Alifetov. *Gidrot. stroit.* 36 no. 9:10-13 '66.
- Methodology for conducting studies for the purpose of engineering geology in iron ore deposits in the Korch Peninsula. V. M. Nekhoroshev. *Naukov. i tekhn. zap. 72* no. 11:44-48 '68.
- 624.1 (71)—Canada**
- [Cryopedology and practice in construction work on permafrost in the United States and Canada. (Based on data of the International Conference on Permafrost held in the United States)] *Merzlotovedenie i opyt stroitel'stva na vechnomerzlykh gruntakh v SShA i Kanado*. (Po dannym Mezhdunar. konferentsii po merzlotovedeniyu v SShA). Pod red. S. S. Vialova. Moskva, Stroizdat, 1968. 95 p.
- 624.1 (73)—United States of America**
- [Cryopedology and practice in construction work on permafrost in the United States and Canada. (Based on data of the International Conference on Permafrost held in the United States)] *Merzlotovedenie i opyt stroitel'stva na vechnomerzlykh gruntakh v SShA i Kanado*. (Po dannym Mezhdunar. konferentsii po merzlotovedeniyu v SShA). Pod red. S. S. Vialova. Moskva, Stroizdat, 1968. 95 p.
- 624.2 Superstructures. Bridges**
- Zip panels in the construction of city bridges. D. I. Zgorakii, V. S. Koval'. *Stroitel'arkhit.* 18 no. 7:32 '68.
- Use of keramzit concrete in bridge building. K. P. Deftov, G. P. Kuranova, D. N. Agoev. *Est. i zhe. i. bol.* 14 no. 5:3-6 '68.
- 625 Railway, highway engineering**
- [Construction equipment and road machinery] *Rel. zhur.* : *Stroitel' dor. mash.* no. 8 '68.
- 626 (479.243)—Nagorno-Karabakh Autonomous Province**
- Development of transportation in Nagorno-Karabakh Autonomous Province. *Izv. AN Azerb. SSR. Ser. nauk o zem.* no. 1:91-95 '68.
- 625.1 Railway engineering. Equipment and track**
- Allowance for the second factor in the formula of a filament range finder. V. S. Kirtlenko, M. N. Sadakova. *Trudy NIIZIT* no. 60:49-51 '67.
- Basic principles and methods of speeding up concrete hardening. O. P. Medvedev, Petrosian, A. V. Usherov, Marshak, L. K. Kolesnichenko. *Trudy NIIZIT* no. 88:18-30 '68.
- Calculation of the precision of a trigonometric net for determining deformations of bridge structures. A. F. Luts, M. N. Sadakova. *Trudy NIIZIT* no. 50:20-34 '67.
- Construction of transverse profiles in drawing vertical relief projections. B. V. Pyrinov. *Trudy NIIZIT* no. 50:87-90 '67.
- [Continuous and long rails] *Resalykovy pul' i dlinnye rel'y*. Pod red. V. G. Aibrekhta. Moskva, "Transport," 1967. 260 p.

- Determining the shifting of rods during bending taking into account the physical and geometric nonlinearity. A. M. Gaidar. Trudy DIT no. 72-79-93 '67.
- Distortion of a railroad track plan during the process of its exploitation. V. P. Sorokin. Trudy NIIZHT no. 50-3-18 '67.
- Effect of electrical characteristics of reinforced concrete ties on the performance of rail circuits. N. I. Kollariyev, M. V. Sotolov. Trudy KIIT no. 86-56-12 '66.
- Effect of methods of preparing and packing a concrete mix on the quality of concrete for reinforced concrete ties. A. I. Podvigun. Trudy KIIT no. 86-31-36 '66.
- Effect of technological factors on the electrical conductivity of concrete. A. A. Staroselskiy. Trudy KIIT no. 86-37-43 '65.
- Effectiveness of repair work of reinforced concrete ties. K. K. Alekseyev, M. G. Andreyevskiy. Pribl. put. kraz. 12 no. 3-10-20 '68.
- Field investigations with a filament range-finder using a surveyor's rod with a transverse mark. L. I. Patechuk. Trudy NIIZHT no. 50-25-26 '67.
- Investigation by means of an MPT-9M structural model of the constrained vibrations of a two-bracket beam. F. N. Vasyashina, L. A. Masashkin, I. A. Prudnikova. Trudy DIT no. 72-74-78 '67.
- Method of determining the criterion of stability and the ratio of safety to prevent the derailment of a car. L. A. Orlovskiy. Trudy DIT no. 72-94-101 '67.
- Methods of determining deformations of railroad structures. M. N. Sedakova. Trudy NIIZHT no. 50-35-46 '67.
- Modern technology of concrete pertaining to hardening of mineral lining materials. O. P. Mikhedov. Pribl. put. kraz. Trudy KIIT no. 86-4-9 '66.
- Plan surveying for railroad stations by means of right angle intersections involving the use of computers for processing data. B. L. Nikhilenko, K. G. Sviridov. Trudy NIIZHT no. 50-75-81 '67.
- Possibility of using L. S. Fedorov projections when laying roads on abrupt mountain slopes. A. I. Sviridchikov. Trudy NIIZHT no. 50-59-66 '67.
- Regulations on safety engineering and industrial sanitation in the repair and maintenance of railroad buildings and structures. Phavla tekhniki bezopasnosti i proizvodstvennoy sanitarii pri remonte i soderzhanii zdaniy i sooruzheniy na zheleznodorozhnom transporte. TAgS/2160. Div. M. roni puti soobshcheniya i Prezidiumom TsK Prokoluza rnbokhozh zh. d. transporta v dek. 1968 g. Moskva. "Transport." 1968. 151 p.
- Role of aggregates in the formation of the concrete structure. P. A. Mikhelchuk. Trudy KIIT no. 86-9-17 '65.
- Role of phase state of water in the formation of the electrical properties of cement concrete. A. A. Staroselskiy, V. L. Chernyavskiy. Trudy KIIT no. 86-50-55 '66.
- Spatial features in planning high-speed railroad lines. V. A. Shernakov. Zhel. dor. transp. 50 no. 2-83-04 '68.
- Stresses in freight trains under locomotive braking through direct brakes. V. A. Lazarian, E. P. Blokhin, I. G. Barbas. Trudy DIT no. 72-67-73 '67.
- Study of stresses in a reinforced concrete tie. V. I. Fein. Trudy KIIT no. 86-44-49 '66.
- Study of the dynamic processes of the movement of wheels along an unevenly resilient track using stability theory methods. M. P. Pakhomov, N. P. Bulnova. Nauch. trudy OMIT 89-10-18 '67.
- Study of vibrations of the uncushioned masses of the locomotive along an unevenly resilient track using the Lapunov method. M. P. Pakhomov, N. P. Bulnova. Nauch. trudy OMIT 89-10-20 '67.
- Technical and economic justification of the density of a control network when laying out the roadbed. G. A. Kireyev. Trudy NIIZHT no. 50-71-74 '67.
- Testing drainage ditch crossing made from socketless concrete pipes. V. A. Eryshov and others. Torf. prom. 45 no. 6-13-14 '68.
- Transient processes in the movement of a train consisting of cars with a sliding ridged beam and no tolerance in the draft. V. A. Lazarian and others. Trudy DIT no. 72-44-66 '67.
- Transient processes in the movement of trains, the cars of which are equipped with SH-2-T absorptive devices. V. A. Lazarian, E. P. Blokhin, V. A. Zelenitskiy. Trudy DIT no. 72-57-66 '67.
- Use of analog computers for investigating processes taking place under the longitudinal impact of multidimensional mechanical systems. V. A. Lazarian, L. A. Masashkin, V. A. Muzychik. Trudy DIT no. 72-15-43 '67.
- Use of electronic digital computers for determining the frequencies and amplitudes of harmonic component vibration processes recorded during tests of railroad vehicles. V. A. Lazarian, V. I. Ushakov, E. M. Tenenbaum. Trudy DIT no. 72-3-14 '67.
- Use of a stereoplottograph and an electronic digital computer for the construction of spatial network. T. S. Finkovskaya. Trudy NIIZHT no. 50-18-24 '67.
- Use of a rheostat with a vertical circle compensator during linear surveys. V. S. Red'kov. Trudy NIIZHT no. 50-52-58 '67.
- Use of analog computers for investigating processes taking place under the longitudinal impact of multidimensional mechanical systems. V. A. Lazarian, L. A. Masashkin, V. A. Muzychik. Trudy DIT no. 72-15-43 '67.
- Use of electronic digital computers for determining the frequencies and amplitudes of harmonic component vibration processes recorded during tests of railroad vehicles. V. A. Lazarian, V. I. Ushakov, E. M. Tenenbaum. Trudy DIT no. 72-3-14 '67.
- 625.2 Rolling stock, locomotives, etc.
- Concerning the classification of defects in wheel pairs. M. M. Moshinov, R. S. Khristofov. Zhel. dor. transp. 50 no. 2-68-60 F '68.
- Determining the shifting of rods during bending, taking into account the physical and geometric nonlinearity. A. M. Gaidar. Trudy DIT no. 72-79-93 '67.
- Development of hydrodynamic transmissions for diesel locomotives. A. S. Gordoov, V. I. Ushko. Trudy MIT no. 232-5-8 '66.
- Economic use of lumber in car depots. V. V. Preobrazhenskii. Zhel. dor. transp. 50 no. 2-60-62 F '68.
- High productivity for rolling stock performance. I. P. Shchuklov. Zhel. dor. transp. 50 no. 2-18-19 F '68.
- Improvement of composition brake shoes. Zhel. dor. transp. 50 no. 2-79 F '68.
- Investigation by means of an MPT-9M structural model of the constrained vibrations of a two-bracket beam. E. N. Vasyashina, L. A. Masashkin, I. A. Prudnikova. Trudy DIT no. 72-74-78 '67.
- Investigation of ventilation losses in multirevolutional transmissions of diesel locomotives. V. V. Kudryavitskiy. Trudy DIT no. 232-35-41 '66.
- Measures against cargoes freezing in car bodies. I. A. Selenskiy, A. M. Polchavskiy. Zhel. dor. transp. 50 no. 2-62-63 F '68.
- Measuring accelerations in the mechanical parts of the rolling stock. I. S. Nikulov. Nauch. trudy OMIT 69-95-104 '67.
- Method of determining the criterion of stability and the ratio of safety to prevent the derailment of a car. L. A. Orlovskiy. Trudy DIT no. 72-94-101 '67.
- Modernization and repair of freight holding equipment. Zhel. dor. transp. 50 no. 2-77-78 F '68.
- Nazarov, L. S. [New developments in testing TEZ diesel locomotives involving the use of track resistors] Novye v reshatnykh ispytaniyakh teplovizorov TEZ. Moskva. "Transport." 1967. 39 p. [Doklady i nauch. i tekhn. i proizvodstvennoye]
- Once more about the axle box unit. N. I. Polshakov. Zhel. dor. transp. 50 no. 2-84 F '68.
- One person operation of electric locomotives and electric trains. A. A. Shapetov. Zhel. dor. transp. 50 no. 2-44-46 F '68.
- Optimal performance of switching diesel locomotives. N. E. Goncharov. Trudy VIZHT no. 22-57-70 '67.
- Performance of a toroidal element in a thin curved bolster with a pure bend. I. A. Usmanov. Nauch. trudy OMIT 89-112-121 '67.
- Planning and computing operational work in "locomotive-housings." Zhel. dor. transp. 50 no. 2-81 F '68.
- Pure bend of a thin curved bolster with a closed profile and toroidal walls. I. A. Usmanov. Nauch. trudy OMIT 89-115-111 '67.
- Repair and maintenance of cars should be of high quality. V. I. Butskunov. Zhel. dor. transp. 50 no. 2-30-41 F '68.
- Stresses in freight trains under locomotive braking through direct brakes. V. A. Lazarian, E. P. Blokhin, I. G. Barbas. Trudy DIT no. 72-67-73 '67.
- Study of the dynamic processes of the movement of wheels along an unevenly resilient track using stability theory methods. M. P. Pakhomov, N. P. Bulnova. Nauch. trudy OMIT 89-10-18 '67.
- Study of the mechanical system under viscous friction in pulse mode of excitation. M. P. Pakhomov, G. I. Davydov. Nauch. trudy OMIT 89-3-8 '67.
- Study of vibrations of the uncushioned masses of the locomotive along an unevenly resilient track using the Lapunov method. M. P. Pakhomov, N. P. Bulnova. Nauch. trudy OMIT 89-10-20 '67.
- Super high-speed gas turbine trains. L. I. Lovalet'. Zhel. dor. transp. 50 no. 2-90-93 F '68.
- (Technical instructions on the operation and maintenance of reducing car drives of axle generators of all-metal passenger cars) Tekhnicheskoye ukazaniye na ekspluatatsiyu i tekhnicheskuyu soderzhanuyu reduktornokardannykh privodov podvagonnykh generatorov tsel'nometallicheskiykh passazhirskikh vagonov. TU-023/PKH Tsv. Usv. 16/VII 1967 g. Moskva. "Transport." 1968. 10 p.
- Transient processes in the movement of a train consisting of cars with a sliding ridged beam and no tolerance in the draft. V. A. Lazarian and others. Trudy DIT no. 72-44-66 '67.
- Transient processes in the movement of trains, the cars of which are equipped with SH-2-T absorptive devices. V. A. Lazarian, E. P. Blokhin, V. A. Zelenitskiy. Trudy DIT no. 72-57-66 '67.
- Use of analog computers for investigating processes taking place under the longitudinal impact of multidimensional mechanical systems. V. A. Lazarian, L. A. Masashkin, V. A. Muzychik. Trudy DIT no. 72-15-43 '67.
- Use of electronic digital computers for determining the frequencies and amplitudes of harmonic component vibration processes recorded during tests of railroad vehicles. V. A. Lazarian, V. I. Ushakov, E. M. Tenenbaum. Trudy DIT no. 72-3-14 '67.
- Ways of improving traction, economic and operational indices of diesel locomotive hydrodynamic transmissions. V. V. Kudryavitskiy. Trudy MIT no. 232-9-20 '66.

625.2 (431)—German Democratic Republic

One thousandth industrial electric locomotive for the Soviet Union. Zhel. dor. transp. 50 no. 2-80 F '68.

625.2 (471.232)—Leningrad City

Plan assignment for the repair of equipment. P. Lydskiy. Sots. trud. 13 no. 5-135-137 My '68.

625.2 (471.318)—Kaluga Province

Providing incentives for increasing labor productivity in a plant. G. Gogiberidze. Sots. trud. 13 no. 5-20-34 My '68.

625.2 (477)—Ukrainian S. S. R.

Quantity and quality: paying hourly bonus wages when normed assignments are given. V. Orlov. Sots. trud. 13 no. 5-51-67 My '68.

625.7 Highway, road engineering

Bridge bending and traffic safety. I. K. Shmurnov. Avt. dor. 31 no. 3-25-28 Mr '68.

[Collection of articles on design and research cost to construction] Sbornik issen na proektye i lyzsketi na raboty dli stroitel'stva. Izd. ofits. Moskva. Str. 2-61.

Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezheh.

Razd. 24. [Highways, city transportation]

Automobil'nye dorogi, gorodskoye transport.

Div. 12/VI 1967 g. 1967. 12 p.

Design factor for less than 0.4. M. A. Paraz. Avt. dor. 31 no. 3-5-6 Mr '68.

Device for evaluating the adhesive properties of concrete. R. F. Lukashuk. Avt. dor. 31 no. 3-8-6 Mr '68.

Economic incentive funds in enterprises of the road machinery industry. A. Daugello. Fla. SSSR 42 no. 48-51 S '68.

Evaluating the roughness of asphalt concrete pavement. V. A. Astrin. Avt. dor. 31 no. 3-9-9 Mr '68.

Gril'nyy, V. L. and B. I. Tsvetlov. [Replacement of manholes by grass cultivation] Ukrepleniye zemnaya polotna trassami. Moskva. "Transport." 1962. 128 p.

[Highways] Ref. zhurn.: Avt. dor. no. 8 Ag '63.

Improving the delivery of balls for construction and road machinery manufacturing. N. Greshin. Mikh. tekhn. 3 no. 1-19-24 Ja '68.

Improving traffic safety. A. Kormilitsyn. Avt. dor. 31 no. 3-11-10 Mr '68.

Laying cables and pipes under roads. N. Higer. Tekhn. v sel'. khoz. 28 no. 6:85-88 '63.

Major repair of roads according to network and topographic. M. Tarnovskiy, P. Smerinov, K. Smerov. Avt. dor. 31 no. 3-12-13 Mr '68.

New construction and road building machinery. A. E. L. kova. Mekh. stroit. 25 no. 8:19 Ag '63.

Static safety lines in vertical curves with points. I. G. Savchenko, M. I. Afanas'ev. Avt. dor. 31 no. 3-11-10 Mr '68.

Traffic safety on slopes. A. I. Vasil'ev. Avt. dor. 31 no. 3-11-10 Mr '68.

Traffic safety problems at the high-intensity traffic intersections. V. P. Balukov. Avt. dor. 31 no. 3-11-10 Mr '68.

Using equipment with controlling combies for manufacturing curbsides. I. Miroshchukov. Tekhn. khoz. 18 no. 2:24 F '68.

625.7 (431)—German Democratic Republic

Machinery for road maintenance manufactured in the German Democratic Republic. E. Zavadskiy. Avt. dor. 31 no. 3-21-30 Mr '68.

625.7 (471.43)—Kuybyshev Province

Using the "Starom" method for road construction. S. P. Buhakskiy. Stroit. trebovaya. 13 no. 3-30 Mr '68.

625.7 (476)—White Russian S. S. R.

Control of fire on roads in the Road Maintenance Section. V. I. Gerasimov. Avt. dor. 31 no. 3:18 Mr '61.

625.7 (477)—Ukrainian S. S. R.

Using emulsions for filling holes in pavement. N. G. Gorovoyev, A. Savchenko. Avt. dor. 31 no. 3:14 Mr '68.

625.7 (575)—Central Asia

Equipment for watering roadsides. T. N. Nishanov. Avt. dor. 31 no. 3:14-15 Mr '68.

625.8 Paving of roads. Wearing surfaces

Controlling the accurate proportioning and distribution of distributing cement in soil consolidation. A. I. Vashchenko. Avt. dor. 31 no. 3:18-20 Mr '68.

Drainage pipe filters for drying pavements. N. Babak. Avt. dor. 31 no. 3:18-20 Mr '68.

Effect of the technology of preparing soil cement on quality. V. S. Tsvetlov, I. A. Toropin, E. G. G. Avt. dor. 31 no. 3:17-18 Mr '68.

Evaluating the roughness of asphalt concrete pavement. V. A. Astrin. Avt. dor. 31 no. 3:9-9 Mr '68.

Pavement made from soil consolidated with additives. V. A. Nishanov, K. A. Kishuk, I. S. Chirchikova. Avt. dor. 31 no. 3:14-15 Mr '68.

Tractor-mounted border of crushed stone. N. D. D. Mekh. stroit. 25 no. 7:13-14 Mr '68.

625.8 (476)—White Russian S. S. R.

Soil consolidation using additive form masses of the pavement industry. N. L. Lemeiz, R. I. Petrushevskiy. Avt. dor. 31 no. 3:20-21 Mr '68.

625.8 (476.24)—Azerbaijan S. S. R.

Importance of introducing methods for evaluating the characteristics of the roads of Azerbaijan. R. M. Samedov, M. S. Mirzoyev. Za tekhn. prog. 6 no. 3:13-43 Mr '68.

626 Hydraulic engineering and construction work

Chlisa puti to sea. V. Kiraanov. Naftanik 13 no. 6:12-15 Ja '68.

Complex waterproofing and thermal insulation of hydraulic structures. S. N. Popchenko, G. A. Nechaev. Mekh. stroit. 37 no. 12:18-20 D '68.

Cutting under-water trenches with the use of a power hydraulic dredge. V. M. Tavrizov. Stroit. trebovaya. 13 no. 7:20-31 JI '68.

Distribution of the cost of a hydraulic project among users. D. S. Shchayolov. Gidr. stroit. 39 no. 6:1-37 Jo '68.

Effect of the inlet of a stream on cross circulation in a curved approach channel. V. I. Isaev. Za tekhn. prog. 6 no. 7:38-40, 48 JI '68.

- Determination of seepage rate through drainage intakes near dams with consideration of silling rate. T. V. Zubareva. Trudy VNIIGIM 43:302-311 '65.
- Determination of temperatures concrete lifts in dams under construction taking into account the heat conditions of foundation beds. G. I. Chilingarishvili. Gidr. stroit. 36 no. 9:15-21 S '66.
- Dredging growth in service water supply pipelines. M. M. Bogolubova, M. M. Prosevelov. Gidr. stroit. 37 no. 12:32-33 D '66.
- Economic efficiency of hydraulic earth structures with gentle, unreinforced slopes resistant to wave action. I. A. Popov. Gidr. stroit. 37 no. 12:33-37 D '68.
- Effect of foundation beds on the distribution of stresses in roundhead buttress dams. V. N. Lombarda. Gidr. stroit. 36 no. 9:28-32 S '66.
- Estimating vibration limits for pipelines. K. A. Sramakov. Gidr. stroit. 35 no. 6:9-15 Je '65.
- Examination of the underground contour of hydraulic structures regarding overall seepage resistance of the foundation beds. A. V. Mikhailov. Gidr. stroit. 36 no. 9:46-48 S '66.
- Expedient calculation method of the variable flow in tail water of a hydroelectric power plant. P. I. Dubnov. Gidr. stroit. 36 no. 7:40-42 Ji '68.
- Experience with wooden emergency gates and results of their testing. A. I. Otreshko, V. M. Alekseyev, P. I. Gur'ev. Gidr. stroit. 36 no. 9:36-37 S '66.
- Field investigation of seepage in existing dams. O. N. Nosova, G. M. Zadornyi. Gidr. stroit. 37 no. 8:35-40 Ag '67.
- Initial head drop at the bottom of damping surge tanks during disturbances in the steady regime of a hydroelectric power plant. I. A. Chernialin. Izv. VNIIG 75:177-179 '64.
- Kinematics of flow in the area of gate guides and determining the coefficient of guide resistance. V. V. Balanin, V. P. Vashilevskii. Trudy LIT no. 10:10-18 '67.
- Laboratory investigation of tubular spillways with criblike intakes. S. I. Agaslova. Trudy VNIIGIM 43:253-261 '65.
- Machine for leveling the slopes of drainage canals. G. A. Rinkov, I. I. Mer, V. V. Komissarov. Mekh. stroit. 23 no. 10:17-18 O '66.
- Methods of promoting vibration transformations of reservoir tanks in a mountainous region. N. G. Varazashvili. Gidr. stroit. 36 no. 7:30-46 Ji '66.
- The Ninth International Congress on Great Dams. A. A. Rukovoy. Gidr. stroit. 37 no. 8:29-30 Ag '67.
- Tenth International Congress on Large Dams. V. V. Stoiunkov. Gidr. stroit. 36 no. 7:51-56 Ji '66.
- The optimal height of concrete lifts in gravity dam construction. V. A. Ruzhikov, E. E. Iakun. Gidr. stroit. 37 no. 8:13-16 Ag '67.
- Preliminary selection of the profile for honeycomb concrete dams. M. D. Glazin. Gidr. stroit. 37 no. 8:43-46 Ag '67.
- Problems of trunks in the construction of concrete dams on rock foundation beds. A. N. Marechuk. Gidr. stroit. 37 no. 12:9-11 D '66.
- Proposed standards on crack limits in hydraulic structures controlling their durability. G. D. Tsiakrelli, G. P. Voritskii. Gidr. stroit. 36 no. 6:38-42 Je '66.
- Prospects for full use of Prut River basin water resources. V. I. Zerklov, E. P. Pavlov. Gidr. stroit. no. 9: 6-7 Ja '66.
- Results of an exhibition at the VDNKh on "Progressive practices in operating hydroelectric power plants." V. N. Boloditskii, V. N. Chumachenko. Gidr. stroit. 36 no. 6:55-57 Je '66.
- Scientific and technical conference on generalizing the experience acquired in the operation of hydraulic power plant complexes in dry regions. A. D. Arakian. Gidr. stroit. 37 no. 12:64 D '66.
- Setting control instruments and gauges in hydraulic structures. M. M. Doronkov. Gidr. stroit. 36 no. 8: 53-64 S '66.
- Stability analysis of the rock abutments in arch dams. S. I. Tatchev. Gidr. stroit. 37 no. 8:31-35 Ag '67.
- Stability of massifs on the edges of mountain river canyons. M. A. Revazov, T. K. Pustovoiilova. Gidr. stroit. no. 1:21-24 Ja '68.
- Studying dynamic water pressure on the upstream face of dams during earthquakes. G. P. Mamtadze. Gidr. stroit. 37 no. 8:40-42 Ag '67.
- Studying flow distribution in grouting system and joints during dam grouting process. V. M. Korolev, K. I. Maksimov. Gidr. stroit. no. 1:17-21 Ja '68.
- Studying the shear strength of concrete along construction joints of dams. L. A. Il'yarov, I. P. Fradkin. Gidr. stroit. 36 no. 7:23-26 Ji '66.
- Third International Conference on Waste Water Purification and Reservoir Protection. I. I. Gusev, N. M. Ortgorov. Vod. i san. tekhn. no. 5:3 of cover My '67.
- Use of the photoelasticity method for the study of stresses in modern hydroelectric power plants. G. L. Khosin and others. Gidr. stroit. 36 no. 6:24-31 Je '66.

627. 8(211)—Cold frigid regions

- Calculation of ice passing capacity of dam spillway crests. D. P. Pavlov. Gidr. stroit. 36 no. 7:32-36 Ji '68.
- Operation of roundhead buttress dams in cold weather regions. I. U. D. Prosenko. Gidr. stroit. 36 no. 9:33-35 S '66.

627. 8(471. 24)—Novgorod Province

- Volkhov Hydroelectric Power Station named after V. I. Lenin has been in operation 40 years. L. A. Voronin. Gidr. stroit. 37 no. 12:6-8 D '68.

627. 8(471. 44)—Saratov Province

- Investigating joints in precast reinforced concrete structures of the Saratov Hydroelectric Power Station. A. P. Kirillov, V. B. Salonov. Gidr. stroit. 36 no. 7:13-19 Ji '68.
- Some methods used for laying earth material during wintering at the site of the Saratov Hydroelectric Power Station. V. V. Nikiforov. Gidr. stroit. 36 no. 7: 12-14 Ji '66.

627. 8(471. 45)—Volgograd Province

- Changes in ice and temperature conditions of the Lower Volga after the construction of the Volga Hydroelectric Power Station named after 22d Congress of the CPSU and after formation of its reservoir. I. V. Gortunov, V. V. Perzhinskii. Gidr. stroit. no. 1:26-29 Ja '68.
- Collapse of Volgograd Reservoir banks near the village of Levchenok. V. G. Grebenkin, V. M. Kostomarov. Gidr. stroit. no. 1:30-31 Ja '68.

627. 8(471. 56)—Orenburg Province

- Inzhavsky Reservoir on the Ural River. Z. M. Malabekova. Vop. vod. khoz. i gidr. stroit. no. 1:33-48 '66.

627. 8(471. 64)—Kabardin-Balkar A. S. S. R.

- Studying a channel model of inlet works of Bakran River Reservoir. G. A. Ter-Abramians. Trudy VNIIGIM 43:3-43 '65.

627. 8(477)—Ukrainian S. S. R.

- Effect of hydrological conditions of Kremenchuk Reservoir on the morphology of Zizania latifolia Turcz. O. N. Molitka, L. A. Daranova'ka. Ukr. bot. zhur. 25 no. 3:79-80 My-Je '68.
- Operating experience of the Terzhitska Hydroelectric Power Plant. G. A. Vashilevskii. Gidr. stroit. 36 no. 6: 1-6 Je '66.
- Terek River dam made prefabricated reinforced concrete elements. V. I. Lerner, A. V. Tsarenkov. Gidr. stroit. 35 no. 6:19-19 Ja '66.

627. 8(479. 24)—Azerbaijan S. S. R.

- Process of filling and mud accumulation of Mingelaur Reservoir. R. T. Barverdov. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 1:27-133 '66.

627. 8(489. 1)—Syria

- The Euphrates Hydraulic Engineering Complex. G. Bekarevich. Vnesh. torg. 48 no. 10:14-15 '68.

627. 8(571. 14)—Novosibirsk Province

- Measures against cavitation erosion in ball structures and apron of Novosibirsk Hydroelectric Power Plant dam. G. A. Il'ditskii. Izv. VNIIG 75:59-72 '64.

627. 8(571. 51)—Krasnoyarsk Territory

- The address of the heroic deed in the Yenisey. G. Kobzareva. V. mure knig. 7 no. 8:19-20 '67.
- Investigating stresses in the lower part of the Krasnoyarsk Hydroelectric Power Station penstock. A. M. Golubev, G. A. Sultayev, S. M. Elisenov. Gidr. stroit. 37 no. 8:27-28 Ag '67.

627. 8(571. 53)—Mikolok Province

- Rates of construction of the concrete dam at the Bratsk Hydroelectric Power Station. I. U. N. Solov'ev. Gidr. stroit. 37 no. 12:11-16 D '68.
- Thermal conditions in the Bratsk reservoir near the dam. F. F. Ryzorenov. Gidr. stroit. 36 no. 7:26-31 Ji '68.

627. 8(574)—Kazakh S. S. R.

- Flood discharge during the construction of the Sergiev Hydroelectric Power Plant Complex. B. G. Kocherintsev, A. G. Brodin. Gidr. stroit. 37 no. 12:18-19 D '68.
- Results of field observation of seepage conditions in the foundations of Vch-Kurgan Hydroelectric Power Plant concrete structures. G. M. Zadornyi, M. B. Petrovskii. Izv. VNIIG 75:253-261 '64.

627. 8(575. 1)—Uzbek S. S. R.

- Use of monitors for cleaning steep rocky slopes during construction of Chirchik Hydroelectric Power Station. B. A. Volin, I. S. Lila. Gidr. stroit. no. 1:13-14 Ja '68.

627. 8(575. 2)—Kirghiz S. S. R.

- Damming of the Naryn River during the construction of the Toktogul Hydroelectric Power Station. L. A. Tolkachev. Gidr. stroit. 36 no. 9:7-10 S '68.

627. 8(575. 3)—Tajik S. S. R.

- Doyzay blast and hydraulic construction. A. I. Pevzner, F. A. Avdeev. Mont. i spets. rab. v stroit. 36 no. 5: 6-10 Ag '68.

627. 8(611)—Tunisia

- Under Tunisian skies. A. Pin. Nov. vrem. 26 no. 36: 28-29 S '68.

627. 8(62)—Northeast Africa, Egypt and Sudan

- Studying the stressed state of circular pressure tunnels of the Aswan Hydroelectric Power Plant under a steady pressure of water. N. S. Rozanov, O. V. Novikova. Izv. VNIIG 75:103-122 '64.

628 Public health engineering

- Developments and achievements in the industrialization of the sanitary-engineering branch of construction during the last 50 years. S. N. Vasil'ev, A. L. Stepanenko, S. G. Khotkevich. Vod. i san. tekhn. no. 5:1-7 My '67.

Fluorometer with a short-wave ultraviolet illuminator. D. P. Sheherbov, S. A. Volnov. Prom. khim. reak. i osobo chist. veshch. no. 8:249-252 '67.

628.1 Water supply. Waterworks

- Anodic dissolution of iron and aluminum in flow-type electrolytic coagulators. Z. I. Laroslavskii. Trudy VNIIGIM 43:312-319 '65.
- Bottom directional baffles for still protection of water inlet structures of community and industry water intakes. M. S. Lovtsova. Trudy VNIIGIM 43:44-55 '65.
- Calculation of material balance of the crystallization-desalination apparatus. I. N. Medvedev, V. S. Zerkov. Vod. i san. tekhn. no. 3:16-18 '68.
- Choice of optimal parameters for anionite desalination apparatus. M. D. Valabinskii and others. Vod. i san. tekhn. no. 3:1-4 '68.
- Comparing economic effectiveness of the technologies of various materials for water control. V. I. Gerasimov, V. L. Gerasimov. Stroitel'stvo, 13 no. 7:11-14 Ji '69.
- Desalination of salt water by freezing method. M. A. Abdulmanov, A. V. Grofeyev. Vod. i san. tekhn. no. 3:1-3 '68.
- Determination of standard parameters for desalination electrolytic apparatus. I. D. Babukov. Vod. i san. tekhn. no. 3:10-23 '68.
- Determination of the reagent dosage necessary for the reoxidation and recarbonization of water in water supply systems. I. E. Apell'shin, D. I. Kurbakov. Vod. i san. tekhn. no. 5:5-8 '68.
- Developing equivalent lengths calculation method for a round conduit. V. L. Abramov. Gidr. stroit. 36 no. 7: 54 Ji '68.
- Dredging growth in service water supply pipelines. M. M. Bogolubova, M. M. Prosevelov. Gidr. stroit. 37 no. 12:32-33 D '66.
- Drum-type screen filters in city waterworks. V. I. Gorodishchikov, V. I. Dubukov, N. G. Abramov. Vod. i san. tekhn. no. 5:16-22 My '67.
- Dust collecting during the boring by washing method in efficiently treated water. V. I. Kabanov, A. I. Kabanov, A. V. Gerasimov. Gid. zhur. 143 no. 5:71-73 My '66.
- Efficiency of automatic pumping stations under various operating conditions. O. P. Mikhov. Vod. i san. tekhn. no. 5:22-26 My '67.
- Experience in adjusting the operation of electric pumps. R. D. Babukov, D. S. Shcherbakov. Vod. i san. tekhn. no. 5:7-9 My '67.
- For pure water. S. T. Drankhants. Stroitel'stvo, 23 Ag '68.
- Improving drinking water by ozonation. V. I. Kabanov. Trudy Gidromekhan. no. 2:51-67 '62.
- Methods of determining the dissolved oxygen content in not yet investigated rivers. I. A. Syrovatkin. Vod. i san. tekhn. no. 5:9-11 My '67.
- Modern methods of pump regulation in water supply systems. V. S. Popov. Vod. i san. tekhn. no. 5:13-15 My '67.
- Objectives of the Ministry in the field of water supply engineering. P. S. Neporozhnyi. Gidr. stroit. 37 no. 9:1-3 S '66.
- Payment for water resources. S. Ozatkhali. Stroitel'stvo, 45 no. 9:87-75 S '68.
- Plotnikov, N. I. [Prospecting for fresh underground waters for purposes of a large water supply] Tekhn. i razvedka prirokh podzemnykh vod illia i tsel' i tsel' ugo vodonablihenia. Moskva, Izd. Makh. i tsel' Ch. 2. [Methodology of prospecting for and the evaluation of exploitation reserves of underground waters] Metodika poiskov, razvedki i otkrytiya okupatitsionnykh zapasov podzemnykh vod. 1968. 470 p.
- Popkov, G. S. [Automation and central control of water supply and sewer systems] Avtomatizatsiya i tsentralizatsiya sistem vodopriemnykh i kanalizatsionnykh sistem. Moskva, Stroitel'stvo, 1967. 184 p.
- Rational location of electrical equipment in power stations. V. I. Dikha, E. I. Gurlov, V. F. Gerasimov. Prom. energ. 23 no. 3:28 My '68.
- Studying electrolytic coagulators for water purification. Z. I. Laroslavskii. Trudy VNIIGIM 43:293-311 '65.
- Test results of an experimental industrial purification apparatus for seawater with preliminary thermal treatment. V. V. Aslanin and others. Vod. i san. tekhn. no. 3:4-7 '68.
- Thermodynamic analysis of a distillation-desalination apparatus with centrifugal thermal compressor. I. D. Avorukh, S. N. Filippov. Vod. i san. tekhn. no. 5:1-4 '68.
- Work of the commission on water supply and sewerage. V. S. Gerasimov. Vop. vod. khoz. i gidr. stroit. no. 1: 3-10 '61.

628. 1(439)—Poland

- Nadial water intakes in the Polish People's Republic. G. A. Razumov and others. Vod. i san. tekhn. no. 5:31-38 '68.

628. 1(571. 56)—Chilia Province

- Hydrogeology and water supply of the Kaiyua mine (eastern Transbaikalia). P. B. Rechechitskii. Trudy IIR no. 36:169-173 '68.

628. 1(574)—Kazakh S. S. R.

- Reagent clarification of mine waters in Karaganda Coal Basin. V. M. Spivak. Vod. i san. tekhn. no. 5:11-14 '68.
- Artificial biological purification of city wastewater effluents of the Ural region. S. I. Barskov, T. I. Novikova, E. P. Pravidin. Vop. vod. khoz. i gidr. stroit. no. 1:40-67 '61.

2472

- 631.4 (Continued)
- [Anglo-Russian soil and agrochemical dictionary, 20,000 terms] Anglo-russkii pochemno-agrokhimicheskii slovar'. 20 000 terminov. Pod red. A. V. Pelerburgskogo i A. A. Rode. Moskva, "Sov. entsiklopediya," 1987. 432 p.
- Exothermic effect of thermal decomposition of peat at high heating rates. S. M. Ropinskaia. *Tor. prom.* 43 no. 8:18-20 '88.
- International symposium on soil ecology in Paris and activities of the ecological laboratory in Brury. M. S. Giliarov. *Zool. zhur.* 47 no. 5:791-795 May '88.
- Judging soil of territorial complexes for their possible use as regions of agriculture and lumbering. N. I. Neshataev. *Uch. zap. Perm. gos. univ.* 165:80-87 '87.
- Ion exchange method of determination of small quantities of sodium trichloroacetate in the soil and in plant material. I. K. Tsilovitch, E. A. Kuz'menko. *Khim. v sel'. khoz.* 6 no. 2:60-81 F '88.
- Machinery for taking samples in the mechanical analysis of soil; the pipette method. M. A. Korzun. *Kral. soob. BKNII* no. 2:80-82 '80.
- S'ezd pochemovedov SSSR, 3d, Tartu, 1986. [Reports and communications of the 3d Congress of Soil Scientists of the U. S. S. R. Doklady i soobshcheniia]. Moskva, "Nauka," 1988. 348 p.
- [Soil science and agrochemistry] *Rel. zhur. : Pochv. i agrokhim.* nos. 7-8 JI-S '88.
- Using mineral fertilizers in corn raising for silage in the leached Chernozem soils of Tambov Province. A. M. Levin, A. S. Sviridov. *Khim. v sel'. khoz.* 6 no. 2:8-13 F '88.
- 631.4(471.333)—Dryansk Province
- Use of phosphorus fertilizers containing magnesium in the cultivation of potatoes in sandy soils in Brinsk Province. S. A. Tul'in. *Khim. v sel'. khoz.* 0 no. 2:8-8 F '88.
- 631.4(471.43)—Kuybyshev Province
- Solonchaks and their changes following the reclamation of virgin lands in Kuybyshev Province. A. V. Bushova. *Zool. zhur.* 47 no. 4:548-554 Apr '88.
- 631.4(471.53)—Perm Province
- Some results of the division of Perm Province into agricultural regions. A. V. Troitskaya. *Uch. zap. Perm. gos. univ.* 165:76-85 '87.
- 631.4(476)—White Russian S. S. R.
- Soil productivity and relationship between soil conditions and geomorphological structure of forest biorenes in the Bytsovskaya Pustcha. A. P. Hlerkova. *Dokl. Akad. Nauk SSSR* 291:105-106 '88.
- Streikova, I. G. [Cultivation of light soils of White Russia] Okul'irovaniye legkikh pochv Belorussii. Minsk, "Urozhai," 1987. 160 p.
- 631.4(477)—Ukrainian S. S. R.
- Comparison and improvement of the methods of determination of the active forms of phosphorus and potassium in the soils of the Ukrainian S. S. R. N. K. Krupskii and others. *Khim. v sel'. khoz.* 6 no. 2:52-69 F '88.
- 631.4(479.22)—Georgian S. S. R.
- Dynamics of nitrogen and absorbed ammonia in gray-brown soils of Krasnodar. N. Aladashvili. *Soob. AN Gruz. SSR* 47 no. 3:583-590 '87.
- 631.4(571)—Asiatic R. S. F. S. R.
- Characteristics of terrastrial and soil zoomicrobiological complexes of the steppe landscapes in Western and Central Siberia. L. V. Stebava. *Zool. zhur.* 47 no. 6:661-675 May '88.
- Studying special features of some soils in the steppe regions of Transbaikalia. S. A. Koliba, V. I. Bychkov. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 16:25-29 '87.
- 631.4(674)—Kazakh S. S. R.
- Uleshov, A. S., and O. E. Semenov. [Climate and wind erosion of soils] Klimat i velovaya eroziya pochv. Almaty, "Kainar," 1987. 70 p.
- 631.4(575.1)—Uzbek S. S. R.
- Salinization of land in southern and southwestern Uzbekistan and measures for its control. Kh. Abdullayev. *Izv. Uzb. geog. ob-va* 5:120-123 '81.
- Soil erosion in the foothill regions of southwestern Uzbekistan. F. A. Aristanova. *Izv. Uzb. geog. ob-va* 5:124-128 '81.
- Some current problems in the comprehensive geographical study of agriculture and natural conditions. O. K. Zamkov. *Izv. Uzb. geog. ob-va* 5:71-73 '81.
- 631.4(575.4)—Turkmen S. S. R.
- Development of soil improvement science in Turkmenistan. I. S. Rahmetov, I. N. Teran. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 5:13-17 '87.
- Summary of soil microbiology research in Turkmenia. L. N. Pashakata. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 6:83-93 '87.
- 631.5 Operafions. Growing. Cultivation methods
- [Agricultural practices in growing fiber flax] Agrokhnika vozdukhvannia i no-dolguntea. Moskva, "Mosk. rabochii," 1988. 64 p.
- Be prepared to receive the grain of the new harvest on time. V. Batrmenko. *Zakup. sel'khoz. prod.* no. 2:17-18 F '88.
- Construction of consumer's cooperative procurement enterprises. V. Klimanov. *Zakup. sel'khoz. prod.* no. 2:26-27 F '88.
- Determination of time losses in tractor plowing. G. Kondrat'ev. *Tekhn. v sel'. khoz.* 28 no. 5:65-68 '88.
- Determining the volume of transportation means needed for the collection of crops. A. Evstratov. *Avi. transp.* 48 no. 5:18-21 May '88.
- Effect of thermal drying conditions and the germinating power of canola seeds on their qualitative preservation. V. M. Kopekavskii, I. G. Nebrova. *Masl. zhur. prom.* 34 no. 7:7-10 JI '88.
- Korenev, G. V. [Biological substantiation of the times and methods of harvesting grain] Biologicheskoe obosnovanie srokov i sposobov uborki khlebov. Kiev, "Urozhai," 1987. 148 p.
- (DNAL)
- Soveshchanie po lesnoi genetike, selektsii i lesemovodstvu. Petrozavodsk, 1987. [Abstracts of reports of the Conference of Forest Genetics, Selection and Seed Growing] Toizye doklady, Petrozavodsk, 1987. 218 p.
- Tsvetkova, E. M., comp. [Soiless cultivation of agricultural plants. Index of Soviet literature from January 1, 1986 to October 31, 1986] Vyrashchivanie bol'skoko-zhiznennykh rastenii bez pochvy. Ukazatel' otechestvennoi literatury i ianvaria 1986 g. po 31 oktobra 1986 g. Moskva, 1987. 56 p.
- Ukolov, A. A. [Manual of the approving agronomist for grain and pulse crops. For the central regions of the non-Chernozem belt] Spravochnik agronoma-approbatora po zernovym i zernobobovym kulturam. Dlia tsentral'nykh rayonov nezernozhnoy polosy. Moskva, "Rosasol'-khozizdat," 1987. 209 p.
- (DNAL)
- 631.5(477)—Ukrainian S. S. R.
- Grain harvest. P. Mikhailov. *Zakup. sel'khoz. prod.* no. 2:30-33 F '88.
- 631.52 Selection. Breeding. Acclimatization
- [Achievements of Soviet plant breeding] Dostizheniia otechestvennoi selektsii. [Moskva, "Kolos," 1987]. 301 p.
- [Heterosis in vegetable growing. Studies based on materials of a joint session of the All-Union Academy of Agricultural Sciences named after V. I. Lenin, General Biology Section and the Section of Biochemistry, Biophysics and Chemistry of Physiologically Active Compounds of the Academy of Sciences of the U. S. S. R. devoted to problems of heterosis. (November 22-26, 1986)] Geterozis v ovoshchevodstve. Sbornik rabot po materialam ob'ed. sessii VASKhNIL, Otd-nia obshch. biologii i Otd-nia biokhimii, biotski i khimii fiziol. aktivnykh soedinenii AN SSSR, posvashsh. problemam geterozisa. (22-26 noiabria 1986 g.) Lenin. grad. "Kolos," 1988. 303 p. (Vsesouz. ordena Lenina akad. s.-kh. nauk im. V. I. Lenina. Nauch. trudy).
- [Heterosis: theory and practice. Collection of papers based on materials of a joint session of the All-Union Academy of Agricultural Sciences named after V. I. Lenin, Section of General Biology and Section of Biochemistry, Biophysics and Chemistry of Physiologically Active Compounds of the Academy of Sciences of the U. S. S. R., dedicated to the problems of heterosis. (November 22-26, 1986)] Geterozis: teoriia i praktika. Sbornik rabot po materialam ob'ed. sessii VASKhNIL, Otd-nia obshch. biologii i Otd-nia biokhimii, biotski i khimii fiziol. aktivnykh soedinenii AN SSSR, posvashsh. problemam geterozisa. (22-26 noiabria 1986 g.) Leningrad, "Kolos," 1988. 258 p. (Vsesouz. ordena Lenina akad. s.-kh. nauk im. V. I. Lenina. Nauch. trudy).
- 631.52(477)—Ukrainian S. S. R.
- Introduction of the representatives of the family Cephalotaxaceae F. Negor. in Podolia. K. V. Cherniavs'kiy. *Ukr. bot. zhur.* 25 no. 3:87-90 May-Je '88.
- 631.52(575.4)—Turkmen S. S. R.
- Advances in fine-flor cotton selection in Turkmenistan. I. K. Makasimov. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 5:6-12 '87.
- Plant introduction in Turkmenia and its future development. K. Muradov. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 5:94-109 '87.
- 631.6 Rural engineering
- Efficiency of capital investment in land improvement. I. Braginskii. *Izv. SSSR* 42 no. 6:35-43 Je '88.
- Furrowing of periodically waterlogged soils. I. A. Polakh, D. Saenko. *Tekhn. v sel'. khoz.* 28 no. 5:30-39 '88.
- Irrigation problems at the international symposium. I. Kozlov, A. Stepanov. *Ekon. sel'khoz.* 43 no. 5:116-119 '88.
- Mobile eliphon pumping unit. A. Sokolov, A. Korshikov, S. Fisenko. *Tekhn. v sel'. khoz.* 28 no. 5:41-42 '88.
- Pelochanko, S. T. [On lands won from the swamps] Na oboevannyykh i bolot zemlitsakh. Minsk, "Urozhai," 1987. 30 p. (Plattelka - v delavii).
- Results of a laboratory research on standard tubular regulators. V. I. Popova, Z. I. Starova. *Trudy VNIIGIM* 43:262-279 '85.
- Results of laboratory research on drainage ditch channels at flow outlet into flood plains. S. I. Igasova, A. Sh. Barckan. *Trudy VNIIGIM* 43:190-199 '85.
- Use of directional bottom baffles in the tail water of single flow regulating sluices. E. D. Aliev. *Trudy VNIIGIM* 43:280-287 '85.
- Water outlet regulator with tubular dissipator. V. I. Popova. *Trudy VNIIGIM* 43:238-252 '85.
- 631.6(471.342)—Kirov Province
- Land improvement in Kirov Province. B. Petukhov. *Ekon. sel'khoz.* 43 no. 5:63-68 '88.
- 631.6(474.5)—Lithuanian S. S. R.
- Two-way regulation of soil water condition. (Collection of papers) Voprosy dvukhsmeronogo regulirovaniia vodnogo rezhima pochvy. (Sbornik dokladov). Vilnius, Gelsino: zhurnal'noe izd. , 1988. 145 p.
- 631.6(477)—Ukrainian S. S. R.
- Big harvests from the irrigated fields. D. Molev. *Zakup. sel'khoz. prod.* no. 13:27-31 JI '87.
- 631.6 Fertilizers. Manuring
- [Agrochemistry] *Agrokhimia*. Pod red. V. M. Kozlovskogo i A. V. Pelerburgskogo. Izd. 2-e, ispr. i dop. Moskva, "Kolos," 1987. 583 p. (Uchebnyi i uch.-posobia dlia vyssh. s.-kh. ucheb. zavedenii).
- Durkin, I. A. [Physiological role and agricultural significance of molybdenum] Fiziolohicheskaia rol' i sel'skokhoziaistvennoe znachenie molibdena. Moskva, "Nauka," 1988. 294 p.
- Decomposition of Karaim phosphorites in a mixture with potassium sulfate in an incomplete norm of nutrients. M. Monstrov, P. M. Mirzayev, M. N. Nabiev. *Tr. khim. zhur.* 12 no. 1:6-8 '88.
- Effect of boron and manganese on the accumulation of glycoalkaloids in Solanum incanatum. L. V. Kravtshvili. *Soob. AN Gruz. SSR* 47 no. 3:577-582 '87.
- Effect of liquid nitrogen fertilizers on larvae of *Dolichoderes punctiventris* Germ. (Coleoptera, Cuculionidae). T. G. Grigor'eva, S. A. Persin, V. I. Tanskii. *Zool. zhur.* 47 no. 3:389-395 Apr '88.
- The effect of mineral nutrition on the resistance of tomato seedlings to frost. A. I. Korovin, Z. P. Chernykh. *Khim. v sel'. khoz.* 6 no. 2:11-13 F '88.
- Mingalitskii, K. P. [Magnesium fertilizers] Magneznye udobreniia. 2-e izd., i spr. i dop. Moskva, "Kolos," 1987. 200 p.
- Method of speeding up delivery of fertilizers. S. D. Vorobova. *Zool. dor. transp.* 58 no. 2:26-28 JI '88.
- Mineral fertilizers for grain crops. D. A. Kores'kev. *Khim. v sel'. khoz.* 6 no. 2:2-6 F '88.
- Preparation of mineral fertilizers for application to the soil. A. N. Sol. *Khim. v sel'. khoz.* 6 no. 2:65-67 JI '88.
- Production of nitrogen-containing liquid fertilizers. M. I. Chudakov and others. *Gidroliz. i leshchii. proc.* 21 no. 3:6-7 '88.
- [Soil science and agrochemistry] *Rel. zhur. : Pochv. i agrokhim.* nos. 7-8 JI-S '88.
- Study of phosphogypsum drying and dehydration processes. Part I: Drying and dehydration of phosphogypsum in a rotary furnace. G. O. Grigor'ian, M. A. Salazar. *Arm. khim. zhur.* 21 no. 6:521-530 '88.
- Studying the effectiveness of using potassium containing dust from cement plants in agriculture. S. M. Rebat and others. *Nauch. soob. NIT'Semena* no. 19:41-49 '87.
- Use of phosphorus fertilizers containing magnesium in the cultivation of potatoes in sandy soils in Brinsk Province. S. A. Tul'in. *Khim. v sel'. khoz.* 6 no. 2:8-8 F '88.
- Use of potassium iodide and other trace elements in the cultivation of cucumbers in spring greenhouses. L. D. Zhabonova. *Khim. v sel'. khoz.* 6 no. 2:14-16 F '88.
- Using mineral fertilizers in corn raising for silage in the leached Chernozem soils of Tambov Province. A. M. Levin, A. S. Sviridov. *Khim. v sel'. khoz.* 6 no. 2:8-13 F '88.
- Using nitrogen fertilizers on mountain pastures of Kirghizia. K. Isakov. *Khim. v sel'. khoz.* 6 no. 2:17-19 F '88.
- 631.6(471.341)—Gorkiy Province
- Use of mineral fertilizers in Gorkiy Province. S. M. Turkin. *Khim. v sel'. khoz.* 6 no. 2:62-65 F '88.
- 631.6(476)—White Russian S. S. R.
- Nitrogen fertilizer plant works for the five-year plan. F. G. Savvinov. *Dom. Rel.* 9 no. 6:48-50 '88.
- 631.6(479.25)—Armenian S. S. R.
- Effect of processed flotation wastes of the copper-molybdenum ores on the productivity of some farm crops. G. S. Davlan, R. G. Itovazian. *Dokl. AN Arm. SSR* 45 no. 4:186-190 '87.
- 631.6(571)—Asiatic R. S. F. S. R.
- Prospects for the development and distribution of the mineral fertilizer industry in Eastern Siberia. M. A. Trakanov. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 15:65-71 '87.

- 632 Crop damage and protection
[Agronomist's handbook on plant protection] Spravochnik agronoma po zashchite rastenii. Pod red. A. F. Cherkina i K. P. Gritanova. Moskva, Russel'khozizdat, 1968, 424 p.
- Forms of phosphorus compounds in the grapevine as related to chlorosis. E. L. Georgobiani. *Sob. AN Gruz. SSR* 47 no. 3:689-694 '67.
- Leathoppers of the group Psammotettix striatus L. (Homoptera, Cicadellidae), the carriers of virus diseases of cereals, their taxonomy and distribution. G. I. Nazlavskina, E. A. Prishchepova. *Zool. zhur.* 47 no. 5:650-656 May '68.
- Sixth International Congress on Plant Protection. N. N. Mel'nikov, *Khim. v sel'khoz.* 8 no. 2:71-77 F '68.
- 633(476)—Moldavian S. S. R.
- Comparative analysis of nematodes of pepper and its propagation in hotbeds and in open ground. S. P. Demichieva. *Paraz. zhiv. rast.* no. 4:220-223 '68.
- Effect of plant vegetation period on population dynamics of phytonematode species. L. F. Lisitskaya. *Paraz. zhiv. rast.* no. 1:232-238 '68.
- Seasonal dynamics of nematode aschabii in central Moldavia. P. I. Nestorov, P. D. Gluyatskaya. *Paraz. zhiv. rast.* no. 1:230-241 '68.
- 632.9 Crop protection. Pest control
[Construction specifications and regulations] Stroitel'nye normy i pravila. Izd. 1115. Moskva, Stroitelizdat, Ch. 8, Razd. N. Gl. 6. [Storage buildings for dry mineral fertilizers and chemicals for plant protection. Design norms] Sestnyy skhizhkh mineral'nykh udobrenii i khimicheskikh sredstv zashchity rastenii. Normy proektirovaniia. SN i P II-N. G. 07. Udv. 29/VII 1967 g. 1968, 9 p.
- [Detection of agricultural pests and signals for the periods of their control] Vynavleniye sel'skhozozhivnykh vreditel' i signalizatsiya grekov bor'by s nimi. Moskva, Russel'khozizdat, 1964, 203 p.
- (DNAL)
- Determination of working parameters of the GAN-8 spraying machine. D. Solugub, V. Ivanenko. *Tekhn. v sel'khoz.* 28 no. 5:59-61 '68.
- 633.9(571.54)—Buryat A. S. S. R.
- Chemical means for controlling the cabbage moth and an ecologic substantiation of the time of their use in the Buryat A. S. S. R. N. G. Dzholova, I. P. Nestorova. *Krat. soob. IKhNII* no. 2:56-60 '68.
- Kaurian leaf beetle as a pest of oaks in the Buryat A. S. S. R. N. G. Dzholova. *Krat. soob. IKhNII* no. 2:53-55 '68.
- Effect of iodine on plants of oats in Buryatia in the disinfection of soil by potassium iodine. M. V. Litinov. *Krat. soob. IKhNII* no. 2:40-52 '68.
- 632.95 Pesticides and control chemicals
Acaricidal and fungicidal activity of dialkylamides of O-allyl-S-(N-alkyl carbamoylmethyl) dithiophosphates. I. A. Mandul'baum and others. *Khim. v sel'khoz.* 6 no. 2:27-28 '68.
- All-Union Conference on the Control of Root Rot of Grain Crops. V. F. Peresypkin, E. N. Andreeva. *Khim. v sel'khoz.* 6 no. 2:77-78 F '68.
- Characteristics of pesticides and solchidates of their use in the apple orchards in the central zone of the R. S. F. S. R. G. K. Shapovalova. *Khim. v sel'khoz.* 6 no. 2:67-70 F '68.
- Destruction of weeds with herbicides in pure lupine cultures and in mixed cultures of lupine and corn. J. Mostvilillo. *Khim. v sel'khoz.* 6 no. 2:34-35 F '68.
- Determination of the herbicide meturline (N-phenyl-N-oxy-N-methylurea) by the acylation method. D. A. Sobolova, S. V. Makarova. *Khim. v sel'khoz.* 8 no. 2:44-46 F '68.
- Development of resistance to arsenite by the Boophilus tick. N. A. Tarala. *Veterinariia* 46 no. 6:48 May '68.
- Effect of butyl ether 2,4-D and ammonium sulfamate preparations on the grass stand of steppe shrubs in the floodplain of the Bolaya River. B. M. Mirkin, E. A. Obyednova. *Biol. MOIP, Otd. biol.* 73 no. 2:123-126 Mar-Apr '68.
- Effect of chlorophylls on the phagocytic activity of leucocytes and the glyconic function of the liver. I. G. Arestov. *Khim. v sel'khoz.* 6 no. 2:49-51 F '68.
- Effect of sym-triazine on crops and quality of forage lupine. E. I. Doroshenko, A. F. Alshuk. *Khim. v sel'khoz.* 6 no. 2:40-41 F '68.
- Effect of tetramethylthiuram disulfide on the oxidizing metabolism in carrots and their resistance to the phytonematode pathogen. L. M. Khandobina, T. A. Kuznetsova. *Khim. v sel'khoz.* 6 no. 2:23-26 F '68.
- Effectiveness of aresin and herbano in forage lupine cultures. G. A. Chesalin, L. Sh. Spivak. *Khim. v sel'khoz.* 6 no. 2:20-31 F '68.
- Effectiveness of herbicides in soybean cultivation. F. P. Kvitsko. *Khim. v sel'khoz.* 6 no. 2:42-44 F '68.
- Effectiveness of pheniluram and pheniluram molybdate as seed disinfectants. T. S. Pronchenko and others. *Khim. v sel'khoz.* 6 no. 2:20-22 F '68.
- Garkunov, V. M., G. G. Ivanov, and A. E. Khokhai. [Sanitation and disinfectants] Sanitarnyye i dezinfitsiroval'shchie sredstva. Moskva, "Ekonomika," 1968, 24 p. (Khimika v byiti).
- Natural protective substances of conifers used against injurious insects. M. V. Kuznetsov, D. F. Rudnikov, V. P. Smolnaya. *Dop. AN URSR, Ser. B* 36 no. 7:657-659 II '68.
- New fungicides against apple scab. N. N. Chanturila and others. *Sob. AN Gruz. SSR* 47 no. 3:695-700 '67.
- Organic insectofungicides. Obtaining S-alkoxybenzyl-dithiocarbamates. N. N. Mel'nikov and others. *Zhur. khim.* 38 no. 4:636-639 Apr '68.
- Stimulating effect on fodder lupine. L. V. Bondarenko, S. A. Trishkin. *Bol. 1961. Del. 1. VBO* no. 10:184-187 '66.
- Structural changes in wheat straw as affected by chlorocholine chloride (CCC). V. A. Shcherbakov. *Dokl. AN BSSR* 12 no. 6:546-549 Je '68.
- Technology of preparation of butylcapta. T. T. Shokirov and others. *Urb. khim. zhur.* 12 no. 1:55-56 '68.
- Teething lupine and fabes in pea fields. N. V. Vinogradova, P. V. Pavachenko. *Bol. 1961. Del. 1. VBO* no. 10:181-184 '66.
- Use of herbicides in combined cultures of corn and forage beans. K. I. Saranin, B. S. Vekshin. *Khim. v sel'khoz.* 6 no. 2:36-40 F '68.
- Use of prometryn in pea cultures. N. N. Krasheninnikov, G. V. Nikulina. *Khim. v sel'khoz.* 6 no. 2:32-33 F '68.
- 633 Field crops. Industrial crops
[Agricultural practices in growing (iber flax) Agrotikh-nika vozdeleyvaniia I'ca-dolgunsa. Moskva, "Mosk. rabochii," 1968, 64 p.
- [Agriculture abroad: Plant culture] Sel'khoz. za rub.: Rast. 14 nos. 6-7 Je-JI '68.
- (DNAL)
- All-Union Conference on the Control of Root Rot of Grain Crops. V. F. Peresypkin, E. N. Andreeva. *Khim. v sel'khoz.* 6 no. 2:77-78 F '68.
- Analysis and composition of proteins in some corn hybrids. L. I. Lyzhorko. *Ukr. bot. zhur.* 25 no. 3:27-33 My-Jo '68.
- Balanced moisture of sunflower seeds. E. E. Vdovkin, M. V. Trubitsyn, I. G. Kuyalev. *Masl. -zhir. prom.* 34 no. 7:5-6 Ji '68.
- Be prepared to receive the grain of the new harvest on time. V. Batimirov. *Zakup. sel'khoz. prod.* no. 2:17-18 F '68.
- Biochemical and bread-baking characteristics of awnless wheat grain. M. A. Il'vitskii, L. K. Vdovkina. *Izv. vyz. ucheb. zav. plishch. tekhn.* no. 1:22-25 '68.
- Crushing grass before drying. R. Rukhtor. *Tekhn. v sel'khoz.* 28 no. 5:12-13 '68.
- Cytochemical study of microsporogenesis and development of male gametophytes in rye forms, different as to their ploidy. I. A. Mkhkhatse. *Ikr. bot. zhur.* 25 no. 3:38-46 My-Jo '68.
- Dehydration of seed oil. N. M. Zelenetskii, G. A. Mazurova. *Masl. -zhir. prom.* 34 no. 7:33-40 Ji '68.
- Derivation of a multiplo-factor nonlinear equation for the relationship between yield and weather conditions. F. N. Kagan. *Metcor. i gidrol.* no. 6:61-67 Je '68.
- Destruction of weeds with herbicides in pure lupine cultures and in mixed cultures of lupine and corn. J. Mostvilillo. *Khim. v sel'khoz.* 6 no. 2:34-35 F '68.
- Determination of nonacid prices for potatoes in the starch and molasses industry. L. N. Mel'vedeva. *Sakh. prom.* 42 no. 6:53-55 Je '68.
- Effect of boron and manganese on the accumulation of glycoalkaloids in Solanum laciniatum. L. V. Kvitinskii. *Sob. AN Gruz. SSR* 47 no. 3:697-702 '67.
- Effect of sym-triazine on crops and quality of forage lupine. E. I. Doroshenko, A. F. Alshuk. *Khim. v sel'khoz.* 6 no. 2:40-41 F '68.
- Effect of the length of exposure to light on the rate of development of Far Eastern rice varieties. L. S. Chernysheva. *Trudy Len. gidromet. inst.* no. 25:29-31 '67.
- Effect of thermal drying conditions and the germinating power of castor seeds on their qualitative preservation. V. M. Kapelkovskii, L. G. Nebroeva. *Masl. -zhir. prom.* 34 no. 7:10-11 Ji '68.
- Effective distribution of calorifics of the tobacco industry of the U. S. S. R. A. N. Pistrucov. *Izv. vyz. ucheb. zav. plishch. tekhn.* no. 1:19-21 '68.
- Effectiveness of aresin and herbano in forage lupine cultures. G. A. Chesalin, L. Sh. Spivak. *Khim. v sel'khoz.* 6 no. 2:20-31 F '68.
- Effectiveness of herbicides in soybean cultivation. F. P. Kvitsko. *Khim. v sel'khoz.* 6 no. 2:42-44 F '68.
- Fast method for the determination of moisture content in sunflower seeds and hulled kernels. E. I. Solov'eva, N. N. Kabanova. *Masl. -zhir. prom.* 34 no. 7:41-42 Ji '68.
- Germination of pollen grains and biology of potato pollination. A. M. Lysytsyn. *Ikr. bot. zhur.* 25 no. 3:34-37 My-Jo '68.
- Grain harbor. P. Mikhailov. *Zakup. sel'khoz. prod.* no. 2:30-31 F '68.
- Grain procurement enterprises at the anniversary exhibition. V. Goreva. *Zakup. sel'khoz. prod.* no. 1:46-50 N '67.
- Korenev, C. V. [Biological substantiation of the times and methods of harvesting grain] Biologicheskoe obosnovaniye srokov i sposobov uborki khranov. Kiev, "Urozhai," 1967, 148 p.
- (DNAL)
- Lowering of the quality of beets as a result of wilting. B. I. Krasnokutskii, A. G. Shcherbina. *Sakh. prom.* 42 no. 6:47-49 Je '68.
- Method for uncovered storage of toots. A. I. Bortsovieh, N. V. Samtsuk. *Sakh. prom.* 42 no. 1:40-51 Ja '68.
- Methods of studying biology and economic productivity of grasslands and pastures. I. V. Larin. *Bol. 1961. Del. 1. VBO* no. 10:15-24 '68.
- Mineral fertilizers for grain crops. D. A. Koren'kov. *Khim. v sel'khoz.* 6 no. 2:2-5 F '68.
- The more valuable grades of grain, cereals, and oilseeds for which a higher price is paid. *Zakup. sel'khoz. prod.* no. 2:33-40 F '68.
- Oxygen and fermentative oxidation of lipids in grain. G. F. Lapshina, A. P. Nuzhakov. *Izv. vyz. ucheb. zav. plishch. tekhn.* no. 1:26-30 '68.
- Peroxidase activity and respiration intensity in sugar beets of different ploidy. L. I. Lobotskaya and others. *Dokl. AN BSSR* 12 no. 6:563-565 Je '68.
- Production of ethanol and other aldehydes from chemical raw material. I. N. Bralov and others. *Masl. -zhir. prom.* 34 no. 7:36-38 Ji '68.
- Production of strong and hard varieties of wheat. A. Stepanov. *Khen. sel'khoz.* 43 no. 5:73-81 '68.
- Purchasing more grain of cereal crops. D. Tertava. *Zakup. sel'khoz. prod.* no. 2:19-20 F '68.
- Quality of oil cakes and groats manufactured from sunflower seeds. A. A. Lesluis. *Masl. -zhir. prom.* 34 no. 7:17-18 Ji '68.
- Relaxation behavior of seed pulp in the process of frying and pressing. P. I. Chechevitsyn, V. A. Maslakov. *Izv. vyz. ucheb. zav. plishch. tekhn.* no. 1:30-33 '68.
- Self-propelled hay loader. G. Gauk. *Tekhn. v sel'khoz.* 28 no. 6:13-14 '68.
- State deliveries of rice are growing. M. Ivanov. *Zakup. sel'khoz. prod.* no. 1:54-55 N '67.
- Study of sunflower waxes. V. P. Rzhokhin and others. *Masl. -zhir. prom.* 34 no. 7:13-16 Ji '68.
- Studying lipids of sunflower seeds and intermediate products of the preparation departments of oil extraction plants. V. G. Shcherbakov, I. M. Malyshev. *Masl. -zhir. prom.* 34 no. 6:6-9 Je '68.
- Studying the drying of rape seeds on a continuous operation unit with a fluidized bed. A. I. Chernoslavskii, B. D. Karmazin. *Masl. -zhir. prom.* 34 no. 6:10-12 Je '68.
- Studying the regularities of grain cargo pressure on the stand modeling the rolling of a ship. O. I. Tukharin. *Trudy TSNIIHF* 12 no. 88:97-101 '67.
- Syntheses and evaluation of the aroma of odorless substances of 1,3 dioxane derivatives. N. P. Solov'eva and others. *Masl. -zhir. prom.* 34 no. 6:31-33 Je '68.
- Ukolov, A. A. [Manual of the approaching agronomist for grain and pulse crops. For the central regions of the non-Chernozem belt] Spravochnik agronoma -probatora po zernovym i zernobovym kul'turam. Dlia tsentral'nykh rayonov Chernozemnoi polosy. Moskva, Russel'khozizdat, 1967, 200 p.
- (DNAL)
- Use of herbicides in combined cultures of corn and forage beans. K. I. Saranin, B. S. Vekshin. *Khim. v sel'khoz.* 6 no. 2:36-40 F '68.
- Water consumption of red clover under conditions of the north-eastern zone of the European U. S. S. R. F. A. Shumakov. *Molcor. i gidrol.* no. 7:93-96 Ji '68.
- Years of steady growth. P. Merklov. *Zakup. sel'khoz. prod.* no. 1:14-17 N '67.
- 633(471.32)—Tambov Province
Improving the method of determining the quality of seeds. K. Dovzhenko. *Zakup. sel'khoz. prod.* no. 2:34-35 F '68.
- Using mineral fertilizers in corn raising for silage in the leached Chernozem soils of Tambov Province. A. M. Ievlin, A. S. Sviridov. *Khim. v sel'khoz.* 6 no. 2:6-9 F '68.
- 633(471.52)—Dagestan A. S. S. R.
During harvesting. Part. zhizni' no. 16:49-52 Ag '68.
- A new laboratory. A. Matkhulov. *Zakup. sel'khoz. prod.* no. 2:36-37 F '68.
- 633(471.62)—Krasnodar Territory
New design for pea threshers. V. S. Ikhin, S. V. Miroshchikov. *Kons. i ov. prom.* 23 no. 6:7-8 '68.
- 633(476)—White Russian S. S. R.
Conducting system of aerial organs of spring wheat in relation to agricultural conditions. A. I. Alekseeva. *Bol. 1961. Del. 1. VBO* no. 10:184-186 '68.
- Flax growing is a leading branch. V. Korkunov. *Zakup. sel'khoz. prod.* no. 2:20-21 F '68.
- Photoperiodic reaction of corn varieties and hybrids of local and southern origin. M. S. Kobylanski. *Bol. 1961. Del. 1. VBO* no. 10:151-156 '68.
- 633(477)—Ukrainian S. S. R.
Big harvests from the irrigated fields. D. Meksin. *Zakup. sel'khoz. prod.* no. 1:27-31 N '67.
- 633(478.24)—Azerbaijan S. S. R.
Study of Chinese mint in Azerbaijan. N. L. Gurvich, S. S. Misharova. *Masl. -zhir. prom.* 34 no. 7:35-36 Ji '68.
- 633(478.25)—Armenian S. S. R.
Effect of processed flotation wastes of the copper-molybdenum ores on the productivity of some farm crops. G. S. Davtian, R. G. Revazian. *Dokl. AN Arm. SSR* 45 no. 4:186-190 '67.
- 633(571.6)—Soviet Far East
Agroclimatic justification of the planting time of sugar beets in the Far East. L. M. Kramar. *Trudy Len. gidromet. inst.* no. 25:39-42 '67.
- 633(571.63)—Maritime Territory
Agroclimatic justification of sugar beet harvesting. L. M. Kramar. *Trudy Len. gidromet. inst.* no. 25:43-48 '67.

Ideal supply for growing rice in the Maritime Territory. I. S. Chernysheva. Trudy Len. gidromet. inst. no. 25: 14-21 '67.

633(574)—Kazakh S. S. R.

Plant raised in the Turgay Steppes. I. Kulchitskii. Zap. sel'khoz. prom. no. 11:24-26 '67.
Wide-radius aggregate for corn sowing. I. Ivanov. Tekh. v sel'. khoz. 28 no. 5:23-25 '68.

633(575.4)—Turkmen S. S. R.

Advances in fine-fiber cotton production in Turkmenistan. I. K. Maksimov. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:6-12 '67.

633.2 Forage grasses and grassland

Meadows and pastures. A. Ermetova. Bibliotekar' no. 3:30-33 '68.
Meadowland fillers. I. Kozhevnikov. Tekh. v sel'. khoz. 28 no. 5:79-80 '68.
Mechanization of haying in non-Chernozem zones. V. Drozdov, A. Sordechnyi. Tekh. v sel'. khoz. 28 no. 5:8-12 '68.

633.2(471.52)—Bashkir S. S. R.

Effect of butyl ether 2,4-D and ammonium sulfamate preparations on the grass stand of steppe shrubs in the floodplain of the Irtys River. B. M. Mirzali, R. A. Obyednova. Blul. MOIP. Ord. biol. 73 no. 2:123-126 '68.

633.2(476)—White Russian S. S. R.

Reclamation of meadow vegetation in White Russia. F. A. Kruganova. Bot., tsel. biol. old. VBO no. 10:79-86 '68.
Stimulant effect on fodder lupine. I. V. Bondarenko, S. A. Trishchik. Bot., tsel. biol. old. VBO no. 10:164-167 '68.

633.2(571)—Aztatic R. S. F. S. R.

Establishing the role of the different species of grasses of steppe biogeocoenoses. N. P. Bruzhitina. Dokl. Inst. geog. Sub. i Dal'. Vost. no. 10:42-46 '67.

633.2(575.2)—Kirghiz S. S. R.

Using nitrogen fertilizers on meadow pastures of Kirghizia. K. Isakov. Khim. v sel'. khoz. 6 no. 2:17-19 '68.

633.2(575.4)—Turkmen S. S. R.

Results of forage plant cultivation in Turkmenistan. S. O. Ovezmuradov. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:82-92 '67.

634.0 Forestry

Anichin, N. P. [Assessment and commodity tables] Sortimentno i lovarnyo tablitsy. Izd. 6-e. Moskva. "Lesnaya prom-st", 1968. 480 p.
Automation of the fodder yeast growing process. A. I. Pashov, I. S. Pashorina. Gidroliz. i lesokhim. prom. 21 no. 3:31 '68.
Basic technical trends in the optimization of technological processes in the hydrolysis industry. V. S. Kir'kovich. Gidroliz. i lesokhim. prom. 21 no. 3:1-2 '68.
Changes in the biological soil activity in pine stands as affected by perennial many-leaved lupine. B. D. Zhitliu. I. I. Lashanova. Dokl. AN BSSR 12 no. 6:550-552 '68.
Clarification of oleoresins by low-concentration phosphoric acid. A. P. Minin. Gidroliz. i lesokhim. prom. 21 no. 3:31-32 '68.
[Collection of articles on design and research costs in construction] Sbornik issn na proektirovaniye i issledovaniye raboty dlya stroitel'stva. Izd. ofits. Moskva. Stroizdat.

Ch. 3. [Costs for the preparation of working drawings] TSony na razrabotku rabochikh chertozhkov.

Tsuz. 16. [Forestry and woodworking industry] Lesnaya i dorevoobrabatnyatskaya prom-st'. Usv. 18/VII 1968 g. 1968. 17 p.

Conference on the automation of technical processes in wood chemistry. Gidroliz. i lesokhim. prom. 21 no. 3:2-3 '68.

Contemporary tasks in forestry. A. N. Zhukov. Vest. AN BSSR 38 no. 3:77-80 '68.

Dehydrolysis of a mixture of C₁-C₃ low-molecular fatty acids. A. N. Trofimov, L. V. Tarsukova. Gidroliz. i lesokhim. prom. 21 no. 3:13-14 '68.

Effect of oxidation reactions on the thermal state of pyrolysis. I. D. Lovin. Gidroliz. i lesokhim. prom. 21 no. 3:15 '68.

Effect of tapping with calcium hypochlorite on the condition of pine forests. I. A. G. Drozdev, V. F. Piltovich, P. S. Trofimov. Gidroliz. i lesokhim. prom. 21 no. 3:22-24 '68.

Endemic Pinus eldarica Medus forest. I. S. Safarov. Priroda no. 4:60-68 '68.

[Forestry calendar. 1968] Lesnoi kalendar'. 1968. Moskva. "Lesnaya prom-st", 1967. 191 p.

Hydrolysis of pine wood hemicellulose components by a solution of 30-35% hydrochloric acid at 30-40°C. N. V. Chalov, N. V. Korotkov. Gidroliz. i lesokhim. prom. 21 no. 3:4-6 '68.

Intercolloidal foam hydrolysis and yeast plant. Intokoloidnyy penezh i fermentatsiya. Gidroliz. i lesokhim. prom. 21 no. 3:32 '68.

[Labor and wages of forestry and lumber workers] Trud i zarabotnaya plata rabotnikov lesnogo khozaystva i lesoproduktov. Izd. 2-e, pererabot. i dop. Moskva. "Lesnaya prom-st", 1967. 408 p.

Leningradskaya lesotekhnicheskaya akademiya. [The largest school of higher education of forestry in the U. S. S. R.] Krupneshii lesnoi vuz SSSR. Moskva. "Lesnaya prom-st", 1967. 252 p. [IX 50-letniy Sovetskoi vstati]

[Longitudinal beam on bottom supports] Prodol'naya zupan na donnykh oporakh. [Arkhangelsk] Sev.-Zap. kn. izd., 1967. 36 p.

[Machinery and tools used in forestry] Mashiny, mekhanizmy i orudiya, primenyaemye v lesnom khozaystve. Moskva. "Lesnaya prom-st", 1967. 111 p.

Mechanization of clearing operations in wood-cutting areas. V. I. Zharov, S. A. Shmalil, N. D. Marchenko. Mekh. i avtom. yuzov. 22 no. 4:12-13 '68.

Parcell structure of forest biogeocoenoses and its silvicultural significance. N. V. Sytis. Bot., tsel. biol. old. VBO no. 10:50-51 '68.

Some physicochemical constants of wood resin oils. A. N. Bagaev. Gidroliz. i lesokhim. prom. 21 no. 3:11-12 '68.

Soveshchaniye po lesnoi gentiko, selektsii i semenovodstvu. Petrozavodsk, 1967. [Abstracts of reports of the Conference of Forest Genetics, Selection and Seed Growing] Tezisy dokladov. Petrozavodsk, 1967. 216 p.

Study of the microflora in the yeast growing equipment at the Yungliul Hydrolysis Plant. G. S. Hodonova, A. I. Zaikina. Gidroliz. i lesokhim. prom. 21 no. 3:15-17 '68.

Tapping pieces with white sink holes under chemical effect. A. N. Tatarskiy. Gidroliz. i lesokhim. prom. 21 no. 3:21-22 '68.

634.0(471.11)—Arkhangelsk Province

Study of the quality of substrates and selection of yeast cultures for the conditions of the Arkhangelsk Hydrolysis Plant. G. I. Obukhov, L. V. Shepa, I. A. Matveeva. Gidroliz. i lesokhim. prom. 21 no. 4:10-20 '68.

634.0(476)—White Russian S. S. R.

Growth and development of oak in cultivated phytoecenes. I. N. Rukhtenko, L. A. Kuznetsov. Bot., tsel. biol. old. VBO no. 10:120-124 '68.

Variability of cone size and seed quality in common pine. Z. S. Podzharova. Bot., tsel. biol. old. VBO no. 10:124-134 '68.

634.0(477)—Ukrainian S. S. R.

Time to work and time to rest. I. Korota. Sov. prot. sel'sk. 24 no. 10:20 '67.

634.0(571.15)—Altai Territory

Krylov, A. G., and S. P. Rechan. [Types of cedar and larch forests of Gornyy Altai] Tipy kedrovyykh i liственничных лесов Горного Алтая. Moskva. "Nauka", 1967. 223 p.

634.0(571.60)—Kamchatka Province

Spruce forests in Kamchatka. V. A. Shamshin. Vop. geog. Kamch. no. 5:103-109 '67.

634.1 Fruit growing

Avocado culture. L. A. Gogolashvili. Izv. vys. ucheb. zav.; pishch. tekhn. no. 2:26-28 '68.

Form of phosphorus compounds in the grapevine as related to chlorosis. E. L. Georgobiani. Soob. AN Gruz. SSR 47 no. 3:689-694 '67.

Organic acids of pomegranate juice. S. Kh. Abdurazakova, L. B. Gabaeva. Izv. vys. ucheb. zav. pishch. tekhn. no. 1:51-52 '68.

[Problems of viticulture and winemaking. (Basic results of the work of the Ukrainian Scientific Research Institute of Viticulture and Winemaking named after V. E. Tatrov during 60 years) Voprosy vinogradarstva i vinodeliya. (Osnovnyye razultaty raboty Ukrainskogo nauchno-issledovatel'skogo instituta vinogradarstva i vinodeliya im. V. E. Tatrova za 60 let). Kiev. "Ukrzhal", 1967. 367 p.

(DMAL)

634.1(470)—European U. S. S. R.

Thermal conditions in Leningrad Province and the yield of fruit and berry cultures. T. M. Kolonen V. I. Galka. Meteor. i gidrol. no. 6:101 '68.

634.1(471)—Russian Soviet Federated Socialist Republic (U. S. S. R.)

Characteristics of pesticides and acaricides of their use in the apple orchards in the central zone of the R. S. F. S. R. G. K. Shapovalova. Khim. v sel'. khoz. 6 no. 2:67-70 '68.

634.1(477)—Ukrainian S. S. R.

Fruit variability and possibility of seed reproduction in species of the family Vacciniaceae in Ukrainian Polesya. S. I. Shabarova. Ukr. bot. zhur. 25 no. 3:66-68 '67.

634.1(478)—Moldavian S. S. R.

Lithocolletis corylifoliella Haw. and Lithocolletis pyrifoliae Gram. (Lepidoptera, Gracilariidae) injurious to fruit cultures of Moldova. V. V. Voroshchagin, B. V. Voroshchagin, D. I. Savov. Zool. zhur. 47 no. 3:387-394 '68.

634.1(479.22)—Georgian S. S. R.

New fungicides against apple scab. N. N. Chanturia and others. Soob. AN Gruz. SSR 47 no. 3:695-700 '67.

635 Horticulture. Gardens and gardening

Combined food industry of the U. S. S. R. A. V. Dotsid'n. Izv. vys. ucheb. zav.; pishch. tekhn. no. 2:9-10 '68.

Outline of the development of the mixed field (agriculture of the U. S. S. R.). A. N. Piltovich. Izv. vys. ucheb. zav. pishch. tekhn. no. 1:14-18 '68.

635(477.9)—Crimea

Plants growing in Crimea, as ingredients for the production of vermiculture. S. T. Ognyodak, K. S. Pozov. Trudy VNIIV "Mugarchik" 15:251-266 '67.

635(571.60)—Kamchatka Province

Characteristics of agroclimatic conditions for potato planting in Kamchatka. Z. A. Nazarov. Trudy Len. gidromet. inst. no. 25:47-50 '67.

635.1 Vegetable gardening and vegetables

Composition and kinetics of the hydrolysis of hemikellulose and cellulose of colyledons of peas and beans. M. S. Dudkin, T. E. Puzashik, G. V. Tatarikha. Izv. vys. ucheb. zav.; pishch. tekhn. no. 2:20-32 '68.

Effect of formaldehyde on the oxidizing metabolism in carrots and their resistance to the phytophthora pathogen. L. M. Khandoobina, T. A. Kuznetsova. Khim. v sel'. khoz. 6 no. 2:23-26 '68.

Heterosis in vegetable growing. Studies based on materials of a joint session of the All-Union Academy of Agricultural Sciences named after V. I. Lenin, General Agriculture Section and the Section of Biochemistry, Biophysics and Chemistry of Physiologically Active Compounds of the Academy of Sciences of the U. S. S. R. devoted to problems of heterosis. (Noverenber 22-26, 1968) Geterozis v ovoshchevodstve. Sbornik nauchno materialov ob'edin. sessii VASKhNIL, Otdel obshchey biologii i Otdel biokhimi, biotekhnologii i khimii fiziol. aktivnykh soedinenii AN SSSR, posvyashch. problemam geterozizma. (22-26 noyabrya 1968 g.) Leningrad, "Kolos", 1968. 363 p. (Vsesoluz. otdel Leningr. akad. s.-kh. nauk im. V. I. Lenina. Nauch. trudy).

Hydraulic drill for planting vegetables on flood plains. A. Shubilovskii, A. Grin'. Tekh. v sel'. khoz. 28 no. 5:28-28 '68.

Improvement of the supply of materials and equipment. N. Breva, P. Gorkonko. Zap. sel'khoz. prom. no. 3:38 '68.

Lizgunov, T. V. [Common cabbage] Belokachnaya kapusta. Pod red. D. D. Brezhneva. Leningrad, "Kolos", 1967. 70 p. (Biblioteka ovoshchevodstva) (DMAL)

Mechanization of the planting of vernalized potatoes. V. Smirnov. Tekh. v sel'. khoz. 28 no. 6:16-18 '68.

Use of prometryn in pea culture. N. N. Krasnokhodkov, G. V. Nikulina. Khim. v sel'. khoz. 6 no. 2:32-33 '68.

Wide-row beet sowing. V. Virovats. Tekh. v sel'. khoz. 28 no. 6:10-21 '68.

635.1(470)—White Russian S. S. R.

Effect of underground water level on the phytochemical productivity in potato plants. M. N. Gorchak, I. P. Lashin. Bot., tsel. biol. old. VBO no. 10:156-164 '68.

635.1(477.8)—Western Ukraine

Wide-row potato planting in the western regions of the Ukrainian S. S. R. A. Romanuk and others. Tekh. v sel'. khoz. 28 no. 5:17-18 '68.

635.1(575.2)—Kirghiz S. S. R.

Down-the-row thinning of sugar beets. N. Skrynin. Tekh. v sel'. khoz. 28 no. 5:22-24 '68.

635.6 Edible fruit and seed plants

Anatomic structure of bean roots as related to potassium supply. N. S. Kiseleva. Bot., tsel. biol. old. VBO no. 10:168-172 '68.

Comparative effectiveness of gamma and ultraviolet irradiations in obtaining lupuloid seeds from Lycopodium complanatum. V. D. Turkov, A. B. Dubrov. Dokl. AN SSSR 161 no. 2:486-487 '68.

The effect of mineral nutrition on the resistance of tomato seedlings to frosts. A. I. Korovin, Z. P. Chernykh. Khim. v sel'. khoz. 6 no. 2:11-13 '68.

Heat exchange in the evaporation of tomato products in a descending film. E. I. Taubman, M. I. Mal'nev, E. D. Boreznik. Izv. vys. ucheb. zav. pishch. tekhn. no. 1:55-159 '68.

Use of potassium iodide and other trace elements in the cultivation of cucumbers in spring greenhouses. L. B. Zhabonos. Khim. v sel'. khoz. 6 no. 2:14-16 '68.

635.6(479.25)—Armenian S. S. R.

"Kosarmyut 3", a new variety of pepper. N. I. Avetisyan. Kois. i ov. prom. 23 no. 6:18-19 '68.

635.6(571.6)—Soviet Far East

Agroclimatic regionalization of the Far East with respect to soybean growing. V. V. Kalnykova. Trudy Len. gidromet. inst. no. 25:3-13 '67.

Total heat requirement for soybeans under conditions of the Far East. V. V. Kalnykova. Trudy Len. gos. inzh. inst. no. 25:22-28 '67.

635.6(571.64)—Sakhalin Province

Technical conditions in the period of potato and tomato seedling planting. V. D. Kravtchenko, A. I. Khudjakova. Trudy Len. gos. inzh. inst. no. 25:32-38 '67.

635.9 Ornamental horticulture. Flowers. Shrubs

[Our house plants] Rasienila u nas doma. Moskva, Russel'khozizdat, 1967. 164 p.

Prilozheniye, S. N. [Indian azalea] Azalia indiskaya. Kiev, "Naukova dumka," 1967. 152 p.

635.9(471.5)—Ural regions

Korotkov, N. A., and N. A. Luganskii. [Trees and shrubs for landscape gardening in cities of the Urals] Derev'ia i kustarniki dlia ozeleneniia gorodov Urala. Sverdlovsk, Sred.-Ural'skoe kn. izd., 1967. 190 p.

636 Domestic animals

Jurdzs, A. [Transmitten in domestic animals] Majiziv-nieka (transmission of diseases in domestic animals). [In Latvian] (JNAL)

[Priloženie for assembling equipment...] Tsennik na avtomatizirovannuyu... izd. otk. Moskva, Stroizdat.

No. 35. [Agricultural equipment] Oborudovanie sel'skokhoziaistvennykh protivodstv. Izd. Ispr. I dop. 1967. 33 p.

Testing the stimulating effect of the "Dinamik" preparation on the productivity of young cattle and pigs during fattening. N. I. Kuritsyn, G. S. Chirnov, F. G. Spiridonova. Trudy VNIIM no. 10:172-187 '67.

636(470)—White Russian S. S. R.

Patha toward high profits. I. N. Kozlovskii. Zakup. sel'khoz. prod. no. 11:32-34 N '67.

636(574)—Kazakh S. S. R.

Achievements of the virgin land livestock farmers. I. Boluchevskii. Zakup. sel'khoz. prod. no. 11:35-36 N '67.

636.08 Stock management. Breeding. Cows

Automatized feed distribution. D. Nazarov. Tekh. v sel'khoz. 28 no. 6:30-31 '68.

Characteristics of young produced by crossing the Plebaid-ton and Jersey breeds of cattle. A. I. Prudov. Uch. zap. Mord. gos. un. no. 37:3-12 '64.

Combined feed industry of the U. S. S. R. A. V. Norodina. Izv. vuz. uch. zap. sel'khoz. no. 2:9-10 '68.

Comparative evaluation of food rationing and simultaneous feeding of cattle. O. K. Smirnov. Uch. zap. Mord. gos. un. no. 37:40-49 '64.

Comparative growth and development of purebred and hybrid chicks. I. A. Kortagin. Uch. zap. Mord. gos. un. no. 37:157-165 '64.

Deviatkin, A. I., and V. I. Adrichev. [Efficient use of fodder] Efektivnoe ispol'zovanie kormov. Leningrad, Vorkh.-Volzh. kn. izd., 1968. 210 p.

Devices for washing cows. N. Sharov. Tekh. v sel'khoz. 28 no. 5:60-61 '68.

Effect of chlorophyll on the phagocytic activity of leucocytes and the glycolytic function of the liver. I. G. Arcelev. Khim. v sel'khoz. 6 no. 2:40-61 '68.

Effect of different castration methods on the fattening effectiveness of bull calves. A. A. Pomin. Uch. zap. Mord. gos. un. no. 37:13-31 '64.

Effect of some trace elements (iron, copper, cobalt) on the growth of suckling pigs. A. E. Komarov. Uch. zap. Mord. gos. un. no. 37:106-107 '64.

Effect of the food protein level on the fetal development of sheep. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 37:108-128 '64.

Effect of the season of the first farrowing and pasture keeping of sows on their fertility and size and development of piglets in the suckling period. N. A. Zavada. Uch. zap. Mord. gos. un. no. 37:72-82 '64.

Effect of the type of feeding on the fetal development of sheep. V. I. Shapkarin. Uch. zap. Mord. gos. un. no. 37:135-144 '64.

Growth and development of purebred and hybrid piglets. A. E. Kozlovskii. Uch. zap. Mord. gos. un. no. 37:82-90 '64.

Growth and development of young lambs in the postnatal period. V. I. Shapkarin. Uch. zap. Mord. gos. un. no. 37:145-149 '64.

[Heterosis: theory and practice. Collection of papers based on materials of a joint session of the All-Union Academy of Agricultural Sciences named after V. I. Lenin, Section of General Biology and Section of Biochemistry, Biophysics and Chemistry of Physiologically Active Compounds of the Academy of Sciences of the U. S. S. R., dedicated to the problems of heterosis. (November 22-26, 1968)] Geterozis: teoriia i praktika. Sbornik rabot po materialam obshch. sessii VASKhNIL. Otd. nra obshch. biologii i Otd. nra biologii, biofiziki i khimii fiziologicheskii aktivnykh soedinenii AN SSSR, posviashch. problemam geterozisa. (22-26 noyabrya 1968 g.) Leningrad, "Kolos," 1968. 256 p. (Vsesoyuz. ordena Lenina akad. s.-kh. nauk im. V. I. Lenina. Nauch. trudy).

Installation and operation of pneumatic conveyors for removal of manure. A. Dereviankin. Tekh. v sel'khoz. 28 no. 6:33-36 '68.

Installation of the TVK-80A feeder conveyor. I. Gubareva, D. Tur'ina. Tekh. v sel'khoz. 28 no. 5:31-32 '68.

Konopov, B. V., and I. A. Ulanov. [Mechanization of fodder processing for cattle] Mekhanizatsiia prigotovleniia kormov. Krasnoe zvezdochnoe skole. Saratov, Privolzh. kn. izd., 1968. 74 p.

Phosphorus metabolism in hens under various levels of protein in feed. N. I. Sarychev. Uch. zap. Mord. gos. un. no. 37:166-177 '64.

Productive qualities of Berkshire pigs at the breeding farm "Krasnaya Mordovia." N. S. Muskhin, N. A. Zavada. Uch. zap. Mord. gos. un. no. 37:63-91 '64.

Productive qualities of hens of various breeds. V. G. Frolova. Uch. zap. Mord. gos. un. no. 37:150-158 '64.

Scientific labor organization and requirements toward the means of mechanization in livestock farming. V. G. Shishin. Ekhn. sel'khoz. 43 no. 5:69-77 '68.

Selection of promising fodder yeast forms from liguri and Akhmetia Plants. I. L. Dzharidze, TS. S. Dzharidze, Soob. AN Gruz. SSR 47 no. 3:595-600 '67.

Shchegolev, A. D. [Effective utilization of fodder. (Nutritive biology of productive animals and effective utilization of fodder)] Effektivnoe ispol'zovanie kormov. (Biologicheskii i produktivnyi zhivotnykh i ratsional'noe ispol'zovanie kormov). Moskva, "Kolos," 1967. 144 p. (Nauch.-popul. literatura).

Some aspects of the year-round stage feeding of cows kept in stalls. E. M. Kononov. Uch. zap. Mord. gos. un. no. 37:32-33 '64.

Storage stability of meat-and-bone meal produced on the line of the All-Union Scientific Research Institute of the Meat Industry. A. Sutsun. Mias, ind. SSSR 39 no. 6:15-16 Je '68.

Streptomyces mycelia in pig and chick rations. I. A. Smirnov, F. N. Volkov. Uch. zap. Mord. gos. un. no. 37:50-71 '64.

Technical and economical principles of the selection of ventilation-heating systems for animal husbandry buildings. V. N. Andrianov and others. Ved. i spets. tekhn. 3:31-34 '68.

Utilization by pregnant ewes of feedstuff rations with various levels of protein. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 37:129-134 '64.

636.08(476)—White Russian S. S. R.

Patha toward high profits. I. N. Kozlovskii. Zakup. sel'khoz. prod. no. 11:32-34 N '67.

636.08(571.11)—Kazakh S. S. R.

Direct feed and state livestock fattening farms. N. Leonova. Zakup. sel'khoz. prod. no. 2:22-23 F '68.

636.08(574)—Kazakh S. S. R.

Achievements of the virgin land livestock farmers. I. Boluchevskii. Zakup. sel'khoz. prod. no. 11:35-36 N '67.

636.08(571.11)—Kazakh S. S. R.

Direct feed and state livestock fattening farms. N. Leonova. Zakup. sel'khoz. prod. no. 2:22-23 F '68.

636.08(574)—Kazakh S. S. R.

Achievements of the virgin land livestock farmers. I. Boluchevskii. Zakup. sel'khoz. prod. no. 11:35-36 N '67.

636.2 Cattle

Deno dystrophy in cattle. D. D. Poloz, V. S. Postnikov, A. I. Noskov. Veterinarika 45 no. 5:60-61 My '68.

Changes in the ketonemia and ketonuria levels in cows depending on the feed. S. I. Smirnov, N. I. Chumak. Veterinarika 45 no. 5:58-59 My '68.

Characteristics of young produced by crossing the Plebaid-ton and Jersey breeds of cattle. A. I. Prudov. Uch. zap. Mord. gos. un. no. 37:3-12 '64.

Clinical signs and pathomorphology of complications after foot-and-mouth disease in cattle. N. G. Tolstova. Paritskaya i oboz. Veterinarika 45 no. 5:27-30 My '68.

Comparative evaluation of food rationing and simultaneous feeding of cattle. O. K. Smirnov. Uch. zap. Mord. gos. un. no. 37:40-49 '64.

Contamination of dry abomasums of calves with Salmonella. M. A. Khlefa, V. S. Zakordovets. Veterinarika 45 no. 5:92 My '68.

Effect of different castration methods on the fattening effectiveness of bull calves. A. A. Pomin. Uch. zap. Mord. gos. un. no. 37:13-31 '64.

Importance of hand stripping of cows after mechanical milking. N. M. Khil'kevich. Veterinarika 45 no. 5:67-68 My '68.

Morphology of the ovary in Camelus bactrianus. N. I. Bezrukov. Dokl. AN SSSR 179 no. 4:900-902 '68.

Sensitivity of reagents for the diagnosis of cow mastitis. I. I. Arkhangelskii, N. K. Oksamitnyi. Veterinarika 45 no. 5:69-70 My '68.

Simple and effective. V. R. in. Voen. znat. 44 no. 7:24-25 II '68.

Some aspects of the year-round stage feeding of cows kept in stalls. E. M. Kononov. Uch. zap. Mord. gos. un. no. 37:32-33 '64.

Use of antimicrobial preparations against dyspepsia in calves. B. I. Antonov. Veterinarika 45 no. 5:62-63 My '68.

Use of oxytocin against cow mastitis. I. N. Anisimov and others. Veterinarika 45 no. 5:71 My '68.

We are raising healthy offspring. A. N. Shilayin. Veterinarika 45 no. 5:61-62 My '68.

636.3 Sheep, goats

Economic effectiveness of measures to control foot-and-mouth disease on sheep farms. G. A. Bashkatov. Veterinarika 45 no. 6:33-35 My '68.

Effect of the feed protein level on the fetal development of sheep. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 37:108-128 '64.

Effect of the type of feeding on the fetal development of sheep. V. I. Shapkarin. Uch. zap. Mord. gos. un. no. 37:135-144 '64.

Growth and development of young lambs in the postnatal period. V. I. Shapkarin. Uch. zap. Mord. gos. un. no. 37:145-149 '64.

636.3 Dogs and hounds

Inmate foundation of the behavior of Eskimo dogs in a lair of deer. L. M. Baikin. Blui. MOIP. Otd. biol. 73 no. 2:153-156 Mr.-Ap '68.

636.93 Animals bred for fur

Soviet fur. A. Sidorov. Zakup. sel'khoz. prod. no. 11:51-64 N '67.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

Mastitis in sheep. V. A. Nikitina. Veterinarika 45 no. 5:72-74 My '68.

Pathomorphological diagnosis of different sheep diseases. I. S. Egozhin and others. Veterinarika 45 no. 5:51-53 My '68.

Properties of Listeria obtained from sheep on Kursk Province farms. A. V. Rybakova. Veterinarika 45 no. 5:105-106 My '68.

Treating skin wounds of sheep against fly maggots. V. M. Aleksandrova. Veterinarika 45 no. 5:83-84 My '68.

Use of dibromycin in the treatment of sheep foot rot. Kh. A. Abduragimov, P. A. Malikov. Veterinarika 45 no. 6:57 My '68.

Utilization by pregnant ewes of feedstuff rations with various levels of protein. S. A. Lapshin. Uch. zap. Mord. gos. un. no. 37:129-134 '64.

636.3(478)—Moldavian S. S. R.

Testing hexachloroparaxylol, betol and helitol in sheep diarrhoeas. E. S. Zgarden, N. A. Martianu, M. V. Kariac. Paraz. zhiv. i rast. no. 4:118-121 '68.

636.4 Swine, pigs

Check-tests for the evaluation of feed and management conditions on pregnant sows. N. A. Oksogoev. Veterinarika 45 no. 5:76-77 My '68.

Effect of copper sulfate on erythrocyte indices in young pigs at an early period of weaning. G. S. Dukhenko. Khim. v sel'khoz. 6 no. 2:46-49 F '68.

Effect of plasmid R on the conception rate and fertility of sows. A. G. Blizniuchenko. Veterinarika 45 no. 5:75-76 My '68.

Effect of some trace elements (iron, copper, cobalt) on the growth of suckling pigs. A. E. Komarov. Uch. zap. Mord. gos. un. no. 37:105-107 '64.

Effect of the season of the first farrowing and pasture keeping of sows on their fertility and size and development of piglets in the suckling period. N. A. Zavada. Uch. zap. Mord. gos. un. no. 37:72-82 '64.

Efficiency of the use of panthothenic acid and B group vitamins during the fattening of pigs on farm wastes. R. O. Orlovskii. Mias, ind. SSSR 39 no. 6:30-32 Jo '68.

Experience in the sanitation of farms from swine ascaridiasis. M. V. Mal'kut. Veterinarika 45 no. 5:47-48 My '68.

Growth and development of purebred and hybrid piglets. A. E. Kozlovskii. Uch. zap. Mord. gos. un. no. 37:82-90 '64.

Improving prices for the young swine. G. Turin. Ekhn. sel'khoz. 43 no. 5:112-113 '68.

Some characteristics of the course of anthrax infection in swine. N. G. Ipatenko. Veterinarika 45 no. 5:38-40 My '68.

Treatment of abscesses and lymphadenitis in swine. V. K. Malushko. Veterinarika 45 no. 5:65-68 My '68.

Use of hexachloroparaxylol in the treatment of swine. A. D. Khabalov. Veterinarika 45 no. 5:47 My '68.

636.4(471.328)—Mordvin A. S. S. R.

Productive qualities of Berkshire pigs at the breeding farm "Krasnaya Mordovia." N. S. Muskhin, N. A. Zavada. Uch. zap. Mord. gos. un. no. 37:63-91 '64.

636.5 Poultry

Bumang, Viktoriya. [Calcium and phosphorus. Metabolism and regulation in poultry] Kalkii i fosfor. Obmen i regulatsiia u ptits. Riga, "Zinatno," 1968. 270 p.

Comparative evaluation of the methods of treatment of coccidiosis in chicks. V. I. Koshkin. Veterinarika 45 no. 5:43-45 My '68.

Comparative growth and development of purebred and hybrid chicks. I. A. Kortagin. Uch. zap. Mord. gos. un. no. 37:157-165 '64.

Contract agreements on cattle and poultry purchases. P. Abanin, I. U. Pankratenko. Mias, ind. SSSR 39 no. 5:39-40 My '68.

Materials on the differentiation of ovary in hens of the Russian white breed. N. T. Kinsurashvili. Soob. AN Gruz. SSR 47 no. 3:705-708 '67.

Phosphorus metabolism in hens under various levels of protein in feed. N. I. Sarychev. Uch. zap. Mord. gos. un. no. 37:166-177 '64.

Productive qualities of hens of various breeds. V. G. Frolova. Uch. zap. Mord. gos. un. no. 37:150-158 '64.

Proteins and glycoproteins in chick blood serum after immunization against Newcastle disease. Il'ong-van-lieu. Veterinarika 45 no. 5:25-26 My '68.

The role of eggs in the spread of respiratory mycoplasmosis of poultry. G. A. Groshova and others. Veterinarika 45 no. 5:41-42 My '68.

Testing phenothiazine against helminth infestation turkeys. M. V. Protasovich. Veterinarika 45 no. 6:48-49 My '68.

Varnavskikh, A. B., A. S. Tsarev, and I. I. Kurzaev. [Automation of lighting systems in poultry houses] Avtomatizatsiia osveshchennia v ptichnikh. Moskva, "Kolos," 1967. 72 p.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

637 Dairy and other animal produce

Aspartic acid as a solution medium of rennet enzyme. I. A. Silikhatov. Izv. vuz. uch. zap. sel'khoz. tekhn. no. 1:53-55 '68.

Analysis of the operation of a mechanism for pneumatic feed of fish. S. I. Ryl'ko, V. N. Korzhov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:132-135 '68.

Analytic basis for the expediency of continuous meat cooling. D. Zuev. Mias, ind. SSSR 39 no. 5:31-36 My '68.

Automatic blocking of the bucket conveyor line. A. Braushel'm. Mias, ind. SSSR 39 no. 6:28-30 Je '68.

Belousova, N. M. [Bacteria of the Escherichia coli group in the dairy industry] Bakteriil gruppy kishchnoi pishch. v molochnom proizvodstve. Moskva, 1967. 67 p. Brief results of the fulfillment of the plan for the first quarter of 1968. I. A. Kraakopol'skii. Mias, ind. SSSR 39 no. 5:19-20 My '68.

Change in myosin fraction proteins in the process of autolysis during storage of irradiated muscle tissues. V. I. Solov'ev, Z. A. Agapova, V. V. Pal'ton. Trudy VNIIMP no. 10:82-87 '67.

Changes in proteins of muscles and connective tissues of cured pork during cooking. A. Bel'shakov, V. Khlebnikov, N. Mitrofanov. Mias, ind. SSSR 39 no. 6:34-36 Je '68.

Characteristics of processing the meat of cattle subjected to radioactive autolysis. V. Karashev. Mias, ind. SSSR 39 no. 5:15-18 My '68.

Chetverikov, I. N. [Effective methods for the production of butter on continuous assembly line] Ratsional'nye metody vedeniya proizvodstva masla na potochnykh liniakh. Moskva, 1967. 44 p.

Comparison of continuous tube coolers of fat. L. K. Nikolaev. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:167-168 '68.

Consultation. I. Moisevich. Mias, ind. SSSR 39 no. 6:33 Je '68.

Contract agreements on cattle and poultry purchases. P. Alamin, I. P. Karaklenko. Mias, ind. SSSR 39 no. 5:39-40 My '68.

Creative teams and plans for the scientific organization of labor. O. Otkin. Mias, ind. SSSR 39 no. 6:21-22 Je '68.

Daily balance sheet of butterfat content. V. Nesterenko. Ekonom. sel'khoz. 43 no. 5:113-115 '68.

Decrease of free nitrate and nitrite content in sausage products. L. Lavrova and others. Mias, ind. SSSR 39 no. 5:13-15 My '68.

Determination of residual phosphamides in meat and milk. T. G. Abbasov. Veterinaria 45 no. 5:97-98 My '68.

Determination of the composition of fatty acids of butterfat with preliminary fractionation of methyl esters. A. N. Valeeva, M. I. Gorlaev. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:33-39 '68.

Determining the degree of fat hardening of rich creams and butter by specific heat capacity. A. K. Avvakumov, G. V. Tverdokhlebov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:168-170 '68.

Dynamics of nitrogen-containing substances in brines of different ages during curing of hams. M. I. Mikhailova and others. Trudy VNIIMP no. 19:127-134 '67.

Effect of antibiotics on the preservation of chilled meat during transportation. V. Sh. Moiseenko. Trudy VNIIMP no. 19:135-137 '67.

Effect of sodium trichlorophosphate on the microflora of hides and their microstructural changes during preservation. Z. N. Kostrova, V. I. Moisevich. Trudy VNIIMP no. 19:138-141 '67.

Effect of the cone shape of the homogenizing valve on the efficiency of milk processing. V. D. Surkov, G. A. Komilakov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:73-75 '68.

Effect of the physical and chemical properties of guanine on its extraction in the production of pearl "oil" from spral. V. V. Bal', L. G. Pavel'eva. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:141-144 '68.

Effect of thermal process on the protein composition of meat-bone meal during processing of inedible raw materials in continuous and periodic action units. S. G. Liberman, A. I. Shteyn. Trudy VNIIMP no. 10:3-16 '67.

Effectiveness of the hydrolysis method for melting of fat. S. Kiknadze. Mias, ind. SSSR 39 no. 5:26-29 My '68.

Experimental study of a chamber with an air-radiative system for intensive chilling of meat. N. A. Gerastimov, B. N. Matveevskiy. Khim. tekhn. 45 no. 3:37-42 Mr '68.

Export and import of meat on the world market. Mias, ind. SSSR 39 no. 6:44 Je '68.

Fatty acids of melted butter stabilized by antioxidants after prolonged storage. A. N. Valeeva, M. I. Gorlaev. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:41-44 '68.

Fulfill the plan for the purchasing of livestock products in 1968. A. Bockal'n. Zakup. sel'khoz. prod. no. 2:14-16 F '68.

Generalization of the practice of pig heads processing. P. Volnova. Mias, ind. SSSR 39 no. 5:23-25 My '68.

Heat pumping unit for dairy and stock farms. R. L. Dantlov, G. A. Dedkova, I. A. Gura. Khim. tekhn. 45 no. 3:35-37 Mr '68.

High sanitary conditions at dairy farms. F. G. Novikov, S. I. Fukaman, S. D. Shkol'nik. Veterinaria 45 no. 5:78-82 My '68.

Improving knives. F. Chicherin, K. Stepanov. Mias, ind. SSSR 39 no. 6:32 Je '68.

Improving the sieve-shaker. A. Bondarzhenskii. Mias, ind. SSSR 39 no. 5:28-27 My '68.

Improving the technological structure of capital investments. A. Zakumbaev. Mias, ind. SSSR 39 no. 6:25-27 Je '68.

Labor productivity and utilization of wage funds. T. Brodskaya. Mias, ind. SSSR 39 no. 5:20-21 My '68.

Luminescent microscopy during laboratory inspection of meat. G. Gineburg and others. Mias, ind. SSSR 39 no. 5:29-30 My '68.

Machine for cutting soft fat-containing raw material. A. Bondarzhenskii. Mias, ind. SSSR 39 no. 6:30-31 Je '68.

Magneto-inductive damping device for quadrant force meters. I. U. Koshkin, E. Mikhailovskii, V. Fedorov. Mias, ind. SSSR 39 no. 6:10-13 Je '68.

Mechanized production-line for the assembly and processing of edible blood. Z. Azarkh, M. Morozova. Mias, ind. SSSR 39 no. 5:25-26 My '68.

Method of detecting aldehydes in fats. I. S. Solov'ev. Veterinaria 45 no. 5:100 My '68.

New installation for the purification of sewage from meat combines. S. Shtrik, L. Cremenova. Mias, ind. SSSR 39 no. 6:16-19 Je '68.

Nutritive value of meat-bone meal processed on a continuous mechanized line and in horizontal vacuum cookers. S. G. Liberman, A. I. Shteyn. I. U. N. Gidrosol. Trudy VNIIMP no. 10:17-22 '67.

Outflow of stuffing through cone nozzles. G. E. Lintonov, A. V. Gorbachev. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:124-125 '68.

Oxidation changes in pork lard under the influence of radiation and the effect of antioxidants. V. I. Piskalskiy. Trudy VNIIMP no. 19:73-81 '67.

Phase changes of buffalo butter fat during the manufacture of butter. M. M. Merzametov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:80-81 '68.

Planning of the meat industry enterprises. L. Myzhonko. Mias, ind. SSSR 39 no. 5:71-71 My '68.

Quantitative phase analysis of butter fat glycerides and extra-vith cream. G. V. Tverdokhlebov, A. K. Avvakumov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:70-79 '68.

Raise the technical level of refrigeration in the meat and dairy industry. Khim. tekhn. 45 no. 3:1-3 Mr '68.

A rapid method of qualitative determination of peroxides in lard and fat. I. U. G. Kostenko. Veterinaria 45 no. 5:93-94 My '68.

Regulate the calculation of net cost. M. Darabash. Mias, ind. SSSR 39 no. 5:22 My '68.

Results of the All-Union socialist competition of the workers of leading specialties and brigades of the enterprises of the meat industry. Mias, ind. SSSR 39 no. 6:2-4 Je '68.

Secretion of chlorophyll and 3-trichloromethylphenol in milk. D. K. Poltavskiy, U. I. A. Uzakov, A. M. Nofarskii. Veterinaria 45 no. 5:96-97 My '68.

Seminar on scientific organization of labor. N. Stepanov. Mias, ind. SSSR 39 no. 6:41 My '68.

Seminar of the directors of planning institutions. P. Romizov. Mias, ind. SSSR 39 no. 6:42 My '68.

Structure and dynamics of technological assembly-line methods of specialized meat processing enterprises. A. Pelev, A. Brashnikov. Mias, ind. SSSR 39 no. 5:12-13 My '68.

Study of the microflora of pickled brine during ham curing. V. I. Kravtsova and others. Trudy VNIIMP no. 19:126-128 '67.

Temperatures characteristics of active conductivity of meat and bone meal products. M. I. Lavrova, I. A. Rogov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:152-155 '68.

A test to determine the meat from animals slaughtered during agony and from dead animals. N. G. Kozhemyakina, N. E. Ivanov, V. I. Ivanova. Veterinaria 45 no. 6:93 My '68.

Third All-Union Conference of Soviet Scientific and Technological Societies. Mias, ind. SSSR 39 no. 6:42-43 Je '68.

Thirteenth European Congress of the Workers of Scientific Research Institutes of the Meat Industry. Mias, ind. SSSR 39 no. 6:35-37 Je '68.

14th European Congress of the Workers of the Scientific Research Institutes of the Meat Industry. V. Golubev, A. Rodin, G. Felov. Mias, ind. SSSR 39 no. 5:32-35 My '68.

Timely preparation for the season of cattle delivery is a guarantee for a successful fulfillment of the plan. V. Chukhov. Mias, ind. SSSR 39 no. 6:47 Je '68.

Training of secondary technological personnel. V. Izotov, E. Matvienko. Mias, ind. SSSR 39 no. 5:3-8 My '68.

Unit for slaughtering of blocking cage and taking-off shears and ball bearings from electric motors. V. Silin. Mias, ind. SSSR 39 no. 5:27-28 My '68.

Unit for the filling of molds with ground meat for the production of meat loaves. A. Nofarskii. Mias, ind. SSSR 39 no. 6:31-32 Je '68.

Use of nade preservatives and antiseptics for the preservation of hides. B. A. Vagnerman, M. N. Potraheev, I. M. Konokolina. Trudy VNIIMP no. 10:15-14 '67.

Veterinary regulations of the U. S. S. R. D. Tetermuk. Mias, ind. SSSR 39 no. 8:19-20 Je '69.

Vialykh, V. A., and L. S. Gal'kevich. [Repair of milking equipment]. Remont doil'nykh ustroystv. Moskva, "Kolos," 1967. 111 p. (B-chka rabochego remonnikha).

Vibration effect on the shaping of some cheese varieties. B. G. Myrgorodskii. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:82-85 '68.

Winner of the All-Union socialist competition in the first quarter of 1968. Mias, ind. SSSR 39 no. 6:1-2 Je '68.

637(44)—France

Slaughter-houses in Paris and the meat market at La Villette. N. Goncharov. Mias, ind. SSSR 39 no. 5:43-44 My '68.

637(41.333)—Bryansk Province

Hair is a valuable industrial raw material. M. Udodovskii. Zakup. sel'khoz. prod. no. 2:36-37 F '68.

637(41.52)—Bashkir A. S. S. R.

Worker speaks out at a meeting. M. Petrova. Sov. profsoyuz 24 no. 14:14-15 Ji '68.

637(41)—Ukrainian S. S. R.

Conference of the activists of the meat industry of Ukraine. Mias, ind. SSSR 39 no. 6:40-41 My '68.

Labor efficiency promotion. T. Brodskaya. Mias, ind. SSSR 39 no. 5:20-21 My '68.

Socialist obligations of the workers of the meat industry, procurement and fattening of the livestock. K. P. Koshkin. Ukrainian S. S. R. for 1968. Mias, ind. SSSR 39 no. 5:1-3 My '68.

Universal technical unit. G. Balashov and others. Mias, ind. SSSR 39 no. 6:8-9 Je '68.

637(51.04)—Sakhalin Province

Eliminate those obstacles as well. I. I. Ten'kovskii. Zakup. sel'khoz. prod. no. 2:36-37 F '68.

637(574)—Kazakh S. S. R.

Give payments your constant attention. I. Tuzareva. Don. i kref. 20 no. 6:40-51 Jo '68.

Insect and reptile management, breeding, industries, etc. Study of venomous snakes. O. P. Bogdanov. Voz. M. SSSR 30 no. 3:72-73 Mr '68.

638.1 Beekeeping

Compound method of sanitizing bee colonies against foul brood. A. M. Sidorov, Z. G. Chanyshiev. Veterinaria 46 no. 6:80-80 My '68.

Direction and intensity of the variability of external characters of honeybees of different populations. V. V. Kuvshinov. Zool. zhur. 47 no. 7:1010-1014 Ji '69.

Studies of honey. I. V. Gonsalvski. Veterinaria 43 no. 6:90-100 My '68.

You should recommend this book to apiculturists. I. Tuzareva. Bibliotekar' no. 6:24-26 S '68.

Zhdanova, T. S., V. F. Kostogorov, and O. N. Ilyeva. [Illustrations in bees] Zhivokna pcheli. Tekh. izdat. roit. T. S. Zhdanova. Moskva, Izdat. Tekhn. 1967. 150 p.

639 Cane and fish management, Marine husbandry

639(44)—France

Marine biological station of France. M. V. Piskalskiy. Zool. zhur. 47 no. 3:488-493 Mr '68.

639(571.08)—Kamchatka Province

Development of theoretical studies on fish biology in Kamchatka. I. I. Lopyrev. Voprosy khit. no. 17:21 '67.

639.1 Hunting

Ivanov, B. V., and G. A. Troitskii. [Hunting reserves of northern forests] Otdel'nykh kishchikh i kishchikh. Iosov, Polnozavolsk, Karel. kn. izd., 1967. 219 p. Soviet fir. A. Shirov. Zakup. sel'khoz. prod. no. 2:31-34 N '67.

639.1(471.311)—Moscow Province

Hunting in Moscow Province. M. V. El'terov. M. I. MOIP. Orl. biol. 73 no. 2:18-22 Mr '68.

639.1(571)—Kavkaz S. S. R.

Catching of and packing staghorn deer in the Caucasus. A. Akhmedov. Zakup. sel'khoz. prod. no. 2:24-25 F '68.

639.2 Fisheries

Evaluation of an error of the horizontal opening of a lid. V. P. Kondrat'ev. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:101-107 '68.

639.2(206)—Arctic Ocean

Fishes and sea mammals of Chukotka Bay and their fisheries. A. I. Burkov, T. D. Kostov. Mias, ind. SSSR 39 no. 17:106-110 '68.

Knowing the interests of fishermen. A. Rukh. I. I. tsekar' no. 7:21-25 '68.

639.2(474.2)—Estonian S. S. R.

How to eliminate labor turnover. A. Koshkin. Sov. profsoyuz 24 no. 14:20-21 Ji '68.

639.2(474.5)—Lithuanian S. S. R.

Don't forget about the needs of the fishery workers of the Baltic region. I. Solov'ev. Sov. profsoyuz 24 no. 14:20-21 Ji '68.

639.2(571.0)—Soviet Far East

Let's bring the books to fishermen. A. Mikhlin. Bibliotekar' no. 2:30-31 '68.

639.2(571.08)—Kamchatka Province

Miscellaneous in numbers of hunting and salmon fishing in Kamchatka's western shoreline. I. I. Lopyrev. Vop. goos. Kamch. no. 6:10-110 '67.

639.3 Fish culture

Luk'yanenko, V. I. [Fish toxicology] Toksikologiya ryb. Moskva, "Pishchevaya prom-st'" 1967. 216 p.

Thermophysical properties of grainy black caviar. V. M. Stefanovskii and others. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:88-100 '68.

639.3(470.24)—Azerbaijan S. S. R.

Biotechniques of breeding pike perch. Z. Sh. Aliev, O. P. Bogdanov. Za tekhn. prog. 6 no. 3:44-48 Mr '68.

638.2 (479.24) (Continued)
Facility of help. A. M. Mokhammadov. Za tekhn. prog. 6 no. 1:40-48 Mr '66.

64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING. HOME AND HOTEL MANAGEMENT. CATERING, ETC.
Garkunov, V. M., G. G. Ivanov, and A. E. Kholost. [Sanitary and disinfectants] Sanitarnye i dezinfitsirovaniye sredstva. Moskva, "Ekonomika," 1968, 24 p. (Khimika v bytu).

64(478)—White Russian S. S. R.
Service industry enterprises work in the new day. I. Mironov. Izv. SSSR 42 no. 8:64-71 Ag '68.

64(571.15)—Altai Territory
Improving the service industries in the village. V. Golovinskiy, S. Arsenov. Dopr. i kred. 26 no. 7:56-57 JI '68.
Provide more service to the population. I. Rozhkov. Fin. SSSR 42 no. 9:69-71 S '68.

641 Food. Cookery. Cuisine
Nourishment for astronauts. N. Naidichuk. Av. i kosm. no. 2:50-62 Jr '68.

642 Meats. Table service and cover

642(471.310)—Moscow City
Expertise in trade and public food service. V. Stefan'skiy, L. Lipkin. Fin. SSSR 42 no. 9:46-48 S '68.

647 Household staff. Hospitality

647(574)—Kazakh S. S. R.
Dolzhnetov, Soltzhan. [The house management committee, Experience and consultations] Domovoi komitet. Opyt, konsultatsii. [Moskva], Profizdat, 1966, 63 p. (B-chka profsoyuznogo podvinya. 14(200)).

65.01 Management theory, method, system
All-Union Inter-University Scientific Conference on Vibration Technology. V. M. Shtiklovskiy and others. Izv. vuz. uch. zh. zav. i uch. i sp. prot. no. 1:102-103 '68.
Basic technical trends in the optimization of technological processes in the hydrolysis industry. V. S. Pirogovich. Khim. i tekhn. prom. 21 no. 3:1-2 '68.
By a network schedule graph: planning leader tests. K. Gerasimov. Tekhn. i voenn. 20 no. 2:46 F '68.
Classification and coding systems. A. Agreulch. Tekhn. i voenn. 20 no. 2:47 F '68.
Controlling a network schedule graph. I. Skuratov. Tekhn. i voenn. 20 no. 5:20-21 My '68.
Determining number of minutes with the aid of the queueing theory. V. Lapevik, M. Shesternov. Sots. i trud. 13 no. 2:117-125 F '68.
Developing the management of the economy. A. Eremin. Vop. ekon. no. 8:33-41 Ag '68.
Economic efficiency of using methods of network planning and management for the organization of mining operations in chambers. I. N. Ruzhinskiy, V. M. Gullit. Dopr. zhuk. 143 no. 5:32-34 My '68.
Improving the system of governmental agencies and the central organs of industrial management in the U. S. S. R. V. S. Prizma. Sov. gos. i priv. no. 8:31-33 Ag '68.
Mathematical model of a graph of production output satisfying the formula of complementation of an assembly. I. N. Kazantsev. Vsesoyuzn. SSSR. Ser. fiz. i tekhn. nauch. no. 1:54-60 '68.
Mechanization of engineering calculations by the use of computers. I. A. Shubov, B. I. Pechinskii. Mekh. i avtom. prot. 22 no. 4:30-40 '68.
Network schedule planning in agencies of the military communications service. A. Gorchochlov. Tyl i snab. Sov. Voor. 28 no. 8:78-79 Ag '68.
Study on sequential queueing systems. I. T. Bokuchaeva. Soob. AN Gruz. SSR 47 no. 3:541-544 '67.
Studying the work methods and motions by means of microphotography. G. Kholanovich. Sots. i trud. 13 no. 6:100-103 Jo '68.
With the aid of graphs. V. Gorshkov. Tyl i snab. Sov. Voor. 28 no. 8:78-79 Ag '68.

651 Office management, practice and equipment
Sorkin, V. L., and B. A. Sobolov. [Production management and ways of improving its efficiency] Upravleniye proizvodstvom i puti povysheniya ego effektivnosti. Minsk, "Belarus," 1967, 174 p.

651(477)—Ukrainian S. S. R.
Received replies. Part. zhizn' no. 18:72 S '68.

654.1 Use of telegraph and telephone. Radio and television broadcasting and receiving
"Apple" calls for fire support. N. Vasil'ev. Radio no. 5:4-5 Mr '68.
Patrol work of young radio amateurs. Radio no. 6:1 Jo '68.
Radio amateurs of Kharkov are heard in Armenia. U. Brovor. Radio no. 9:10-11 Jo '68.

Radio day. Radio no. 5:1-2 My '68.
Remove the hooligans from the air. V. Ivanov. Radio no. 6:7 Jo '68.
V. I. Lenin and Soviet radio. Radio no. 5:3 My '68.
V. I. Lenin and Soviet radio. Radio no. 6:2 Jo '68.
Vishis with U. I. V. Shamshur. Radio no. 6:3 Jo '68.
Worthy replacement is maturing. N. Kazanskii. Radio no. 5:12 My '68.

654.1(98)—Arctic and North Polar regions
"North Pole" on the air. O. Galushko. Radio no. 5:10-11 My '68.
Radio amateurs of polar regions. U. Krinov. Radio no. 6:12-13 Jo '68.

655 Printing. Publishing. Book trade
Mokhovskiy, S. I. V. mire knig 7 no. 6:41 '67.
Canan Doyle, Stevenson, ... I. Urov. V. mire knig 7 no. 5:39-40 '67.
[Price list for assembling equipment] Tshenik na montazh obratovaniya. Izd. oit. Moskva, Strolzdat.
No. 27. [Equipment of enterprises of the printing industry] Ooruvaniye podpriyatii poligraficheskoi promyshlennosti. 1968, 30 p.

655(437)—Czechoslovakia
Units in international and national objectives of the socialist states. V. Klimov. Mezhdunar. zhen' 15 no. 8:13-21 '68.

655(471.232)—Leningrad City
Leningrad. Leningrad. [Brief outline history] Kratkiy istoricheskiy ocherk. Leningrad, 1967, 158 p.

655(471.53)—Perm Province
Published in Perm. U. Mal'nev. V. mire knig 7 no. 6:5-7 '67.

655(574)—Kazakh S. S. R.
[Books published by the "Nauka" Publishing House in the Kazakh S. S. R. (Order list)] Knigi izdatel'stva "Nauka" Kazakhskoi SSR. 1968. (Borok zhukov. Alma-Ata, "Nauka," 1967, 102 p.

656 Transport and postal services
Driving an automobile at night. ... A. Slumov. Tekh. i voenn. 20 no. 12:26-27 D '67.
[Industrial transportation] Ref. zhur.: Prom. transp. no. 7 JI '68.
Long-distance hauling of lower grades. I. A. Kogan, O. S. Kir'ukov. Mekh. i stroit. 23 no. 7:10-18 JI '68.
Methods of determining the economic indices of transportation by the merchant marine to justify their optimum distribution between types of carrier. A. A. Pankin and others. Trudy TSNIIT 13 no. 8:52-64 '67.
Most advantageous variant of the transportation of stone blocks from the Karagay stone quarry to the building areas of the Baku Main Construction Administration. M. A. Maslakovskiy, L. Z. Boron, A. S. Gerasimov. Za tekhn. i voenn. 20 no. 7:11-13 JI '68.
Organization of transportation to recreation areas in suburban zones. E. P. Kolesnikova. Stroit. i arkhit. 16 no. 7:7-8 JI '68.
Preparing for a march. N. Ivanovskii, A. Mezhenikov. Tekh. i voenn. 20 no. 1:29 Ja '68.
Visual estimation while passing. A. Kiselev. Tekh. i voenn. 20 no. 5:27 My '68.

656(470)—European U. S. S. R.
Relationship between the hourly and daily flow of traffic. Av. dor. 31 no. 3:27 Ja '68.

656(479.24)—Azerbaijan S. S. R.
Problems and reserves of the Azerbaijan transport system. K. B. Tagiev. Za tekhn. prog. 6 no. 5:37-39 My '68.

658.1 Road transport, haulage
All-Russian conference of motor vehicle drivers and road maintenance workers. Av. transp. 46 no. 5:1-2 My '68.
[Automotive and city transportation] Ref. zhur.: Av. i gor. transp. no. 8 Ag '68.
The basis for the increase of motor vehicles in service. S. Maiseenko. Av. transp. 46 no. 2:10-17 F '68.
Bogachuk, A. I. [Methods for training third class drivers] Metodika podgotovki shofarov tret'ego klassa. Moskva, Izd. DOSAAF, 1967, 112 p.

Chamber, N. E. [Accounting and analysis of the balance sheet of an automotive transportation enterprise] Buhgalterskiy uch. i analiz balansav avtotransportnogo podpriyatia. Moskva, "Transport," 1967, 368 p.
Driving safety seminars. B. Pustovalov. Av. transp. 46 no. 2:67 F '68.
Every graduate of an automotive technician should have a driver's license. M. Zubovskii. Av. transp. 46 no. 5:50 My '68.
The five-year plan quota should be filled ahead of time. Av. transp. 46 no. 5:3-5 My '68.
Introduce patriotic initiative into all enterprises. Av. transp. 46 no. 2:5-8 F '68.
Machine with built-in programmed defects. K. Potrosov. Av. transp. 46 no. 2:48-50 F '68.
More attention should be given to the cost-analysis of motor vehicle transportation. E. Petrova, I. Alekseeva. Av. transp. 46 no. 2:11-13 F '68.

More attention should be paid to road signs. P. Buzinev, V. Kliaev. Av. transp. 46 no. 5:45-47 My '68.
The motor vehicle checks the driver's skill. V. Kravtchenko. Av. transp. 46 no. 5:50-51 My '68.
Operations of motor vehicle transportation enterprises in new conditions. N. Korolev. Av. transp. 46 no. 2:1-4 F '68.
Organization of operations of the Yalta autobus and trolleybus terminal. I. A. Ambinder. Av. transp. 46 no. 2:19-21 F '68.
Reasons of road-transportation accidents should be discussed with drivers. M. Iurchenko, A. Krazinman. Av. transp. 46 no. 2:48-47 F '68.
The resolutions of the conference should be implemented. Av. transp. 46 no. 5:56-59 My '68.
A single ticket for all types of city transport. V. Dmitriev, V. Titkovskiy. Av. transp. 46 no. 2:18-19 F '68.
Specialized transportation facilities for industrial construction. S. S. Akatov, B. F. Kolk, Mekh. i stroit. 23 no. 7:7-9 JI '68.
Work under new conditions. N. Parkhomenko. Av. transp. 46 no. 5:8 My '68.

658.1(474.3)—Latvian S. S. R.
Major economic criterion of automotive transportation. U. E. Lutsis. Av. dor. 31 no. 3:24-26 Mr '68.

658.1(477)—Ukrainian S. S. R.
The economic reform and automotive transportation. M. Prashyn, G. Bilukha. Eksp. Rad. Ukr. 10 no. 4:41-46 Apr '68.

658.1(477.9)—Crimea
First steps on the new way of work. G. Akmaev. Av. transp. 46 no. 5:10 My '68.

658.1(571.68)—Kamchatka Province
Motor vehicle drivers of Kamchatka. N. Nesich. Av. transp. 46 no. 5:9 My '68.

658.1(574)—Kazakh S. S. R.
Improve the system of payments in automotive transportation units. I. Artukhov. Dopr. i kred. 26 no. 6:56-58 Jo '68.

658.2 Railway transport
Analysis of direct variant shipments of cargoes. E. S. Turman. Trudy VZHT no. 22 4:55 '67.
Automatic disconnection of a high-voltage automatic block system line during a break in a wire. V. I. Sokolov. Nauch. Trudy OMIT 7:140-45 '67.
Centralized disbursement on railroads. V. Churkov. Dopr. i kred. 26 no. 6:28-30 Jo '68.
Compacted use of classification tracks at stations without hump yards, and making up two-group trains during the breaking-up process in the absence of classification tracks at hump yard stations. P. M. Sergeev. Trudy VZHT no. 22 13:134 '67.
Compensation of reactive power and nonsymmetry of the load in a three-phase system. V. G. Avvakumov, A. M. Sapel'chenko. Nauch. Trudy OMIT 7:163-64 '67.
Determination of transmission factors of a rectifying quadrupole for the approximation calculation of rectifying track circuits. V. I. Trebin. Nauch. Trudy OMIT 7:10-27 '67.
Determining the effectiveness and selecting the type of through freight trains. P. M. Sergeev. Trudy VZHT no. 22 7:126 '67.
Device for measuring complex impedances. V. I. Sokolov. Nauch. Trudy OMIT 7:178 '67.
Development of hauling in coalsheds. G. B. Sorokin. Zhel. dor. transp. 50 no. 2:82-89 F '68.
Development of information communication. V. D. Bais, M. A. Bikhentel, I. A. F. Gulev. Zhel. dor. transp. 50 no. 2:10-23 F '68.
Economic operation of the refrigeration equipment of refrigerator railway cars. I. V. Demiankov, I. E. Iyashko, V. N. Panferov. Khim. i tekhn. 45 no. 3:18-23 Mr '68.
Efficient schedules for passenger train traffic. N. A. Vorobev, V. E. Skripnikov. Zhel. dor. transp. 50 no. 2:28-31 F '68.
Experimental study of different networks for parallel-capacitive compensation. A. M. Sapel'chenko. Nauch. Trudy OMIT 7:100-110 '67.
Features of the automation of the crossings of railroad approach lines. V. I. Sygankov, V. I. Trebin, V. N. Zakodladzhnyi. Nauch. Trudy OMIT 7:179-87 '67.
Individual norms for areas and hotels for passenger waiting rooms at railroad stations. I. V. Lukashchik. Trudy Kiliit no. 37:32-38 '68.
[Literature on railroads in the U. S. S. R.] Zhelezнодорожная литература SSSR. 1968. Moskva, "Transport," 1968, 390 p.
Losses during storage and transportation of liquefied carbon dioxide. S. M. Kips. Khim. i tekhn. 45 no. 3:27-31 Mr '68.
Measurement of the parameters of track circuits by means of a radio channel. V. I. Trebin, V. N. Zakodladzhnyi. Nauch. Trudy OMIT 7:112-18 '67.
Measures against cargo freezing in car bodies. I. A. Selenak, A. M. Polozhnevskiy. Zhel. dor. transp. 50 no. 2:82-83 F '68.
Method for analyzing and calculating the shunt sensitivity of track circuit using the threshold characteristics of track relays. V. I. Sygankov. Nauch. Trudy OMIT 7:13-11 '67.
Methodology of calculating the width of passenger platform. N. E. Pomin. Trudy VZHT no. 22:135-152 '67.
Method of speeding up delivery of fertilizers. K. D. Vorob'eva. Zhel. dor. transp. 50 no. 2:38-38 F '68.

856.2 (Continued)

- Modernization and repair of freight hoisting equipment. Zhel.dor.transp. 50 no.2:77-78 F '68.
- New types of combined railroad and sea terminals. I. V. Lukashchik, E. A. Linnar, M. S. Lutskiy. Trudy KIIIT no. 97:18-21 '68.
- New types of suburban passenger pavilions. I. A. Linnar, M. S. Lutskiy, E. A. Linnar. Trudy KIIIT no. 97:44-47 '68.
- On the railroads of the world. Zhel.dor.transp. 50 no.2:74-75 F '68.
- Operational planning and the system of transmitting information. S. N. Vargin, V. A. Valushin, I. M. Martynov. Zhel.dor.transp. 50 no.2:8-12 F '68.
- Optimal planning of building materials transportation. K. R. Iushchenko, I. U. P. Papashov. Zhel.dor.transp. 50 no.2:72-74 F '68.
- Optimization of fault detection procedures in automatic systems in railroads. B. P. Rudakov. Nauch. Trudy OMIT 71:28-39 '67.
- Planning and computing operational work in locomotive-trains. Zhel.dor.transp. 50 no.2:81 F '68.
- Planning electrified small railroad stations. I. V. Lukashchik, E. A. Linnar, M. S. Lutskiy. Trudy KIIIT no. 97:13-17 '68.
- Problems of locating freight handling installations at intersections in large cities. E. A. Vasilukov. Trudy VZHT no.24:5-36 '67.
- Processing of freight trains according to network schedule graphs. I. U. P. Papashov. Zhel.dor.transp. 50 no.2:52-55 F '68.
- Progressive norms for traffic schedule graphs. Zhel.dor.transp. 50 no.2:75-77 F '68.
- Railroads should be supplied with the most exact data. M. I. Sidorovich. Zhel.dor.transp. 50 no.2:74-75 F '68.
- Results of the measurement of the parameters of the high-voltage line of an automatic block system. V. I. Sokolov, I. U. A. Tsepelev. Nauch. Trudy OMIT 71:48-52 '67.
- Scientific organization of labor on mechanized sectors of loading and unloading operations. V. V. Gofinkov. Zhel.dor.transp. 50 no.2:23-28 F '68.
- Selection of hump yard profile determining cars. A. P. Orlov, P. P. Volkov. Zhel.dor.transp. 50 no.2:33-34 F '68.
- Special features in planning high-speed railroad lines. V. A. Sushchakov. Zhel.dor.transp. 50 no.2:33-34 F '68.
- Standard requirements for planning railroad stations. I. V. Lukashchik and others. Trudy KIIIT no. 97:24-31 '68.
- Standardization of small and medium-size railroad station buildings. I. V. Lukashchik and others. Trudy KIIIT no. 97:15-17 '68.
- Standards for the principal areas of railroad stations. I. V. Lukashchik and others. Trudy KIIIT no. 97:39-43 '68.
- Stable and linear load of freight cars. B. L. Karpov. Zhel.dor.transp. 50 no.2:31-33 F '68.
- Study of the parameters of a high-voltage automatic block system as a communication channel. I. U. A. Tsepelev. Nauch. Trudy OMIT 71:65-70 '67.
- Technology of station operations is improving. B. G. Andriushchikov. Zhel.dor.transp. 50 no.2:13-16 F '68.
- Time table for passenger trains. (Conclise). For 1968-1969. Izdaniye Dvuzheniya passazhirskikh poezdov. (Kivskoe). Na 1968-1969 gg. Moskva, "Transport", 1968. 380 p.
- Transient processes in magnetic rectifier networks. U. Z. Kovalev, G. A. Sherilankin. Nauch. Trudy OMIT 71:88-89 '67.

856.2(471.324)—Voronezh Province

- Centralized payments for freight transportation in railroad transport. G. S. Kovalev. Den. kred. 28 no.8:54-55 Je '68.
- Efficient freight transportation on the railroads of the Ural region. A. S. Kvitinskii, V. A. Gukhtin. Zhel.dor.transp. 50 no.2:65-70 F '68.

856.2(477)—Ukrainian S. S. R.

- Prospects for enlarging the Kharkov railroad station and its area. I. A. Linnar. Trudy KIIIT no. 97:48-52 '68.
- Types of residential buildings for the perspective construction in railroad stations and state farm settlements of the eastern Ukraine. A. A. Zimkovskii. Trudy KIIIT no. 97:53-55 '68.

856.2(571.55)—China Province

- Work of the central dispatching office in freight transportation. N. Utzishukova. Den. kred. 28 no.8:52-53 Je '68.

856.5 Pipelines

- Proposed specifications on hydraulic transport of granular materials through steel pipelines. A. P. Iutina, N. A. Lopyatin. Gidr.stro. 36 no.9:49-53 F '68.

856.6 Marine, water transport

- Analysis of the profitability of merchant marine operations. N. I. Starovoytov. Trudy TSNIMF 12 no.88:48-54 '67.
- [Automation in ship handling] Avtomatizatsiya sudovozhodka. Moskva, "Transport", 1967. 384 p.
- Basovitch, V. V. [Organization of passenger transportation by sea] Organizatsiya morskikh passazhirskikh perevozok. [Moskva], "Transport", 1967. 210 p.
- Basic directions in the use of specialized vessels for the transportation of loose bulk cargoes. P. K. Iudinikov. Trudy TSNIMF 13 no.81:94-101 '67.

Basic placement select properties of zinc and lead

- concentrations and conditions for their transportation by sea. V. I. Korotkov. Trudy TSNIMF 12 no.88:71-78 '67.
- Calculation of net capacity and operational speed of seagoing dry cargo freighters on different lines. A. A. Matveev. Trudy SoluzMorNIIProekt no.17:13-19 '67.
- Certain economic principles of developing standard agreements for sea transportation. V. G. Zabelin. Trudy SoluzMorNIIProekt no.16:69-83 '67.
- Comparing technical and economic indices of different types of ship lifting structures. V. M. Popov. Trudy SoluzMorNIIProekt no.17:41-44 '67.
- Cost of seagoing dry cargo freighters and estimate of the main items of operational expenditures. A. A. Matveev. Trudy SoluzMorNIIProekt no.17:4-9 '67.
- Determining the volume of repairs to be made without taking the ships out of operation. I. G. Korneev. Trudy SoluzMorNIIProekt no.7:30-31 '67.
- Document turnover in container transportation. I. A. Grakarnik. Trudy SoluzMorNIIProekt no.16:102-108 '67.
- Effect of external conditions on the preservation of frozen meat during its transportation by sea. A. G. Korkhov, P. P. Gorolty. Trudy TSNIMF 12 no.88:79-91 '67.
- Establishing a better freight rate. V. G. Zakellin. Trudy SoluzMorNIIProekt no.16:19-26 '67.
- Establishing prices for ship repairs. V. V. Golodnir. Trudy SoluzMorNIIProekt no.17:32-34 '67.
- Factors of price determination and transportation rates. I. I. Mukhlashin. Trudy SoluzMorNIIProekt no.16:3-19 '67.
- Improving the work and rest schedule of merchant seamen. E. Korotkov. Soluz. 48 no.6:104-107 Je '68.
- Improving the system of planning and automatic admission to the merchant marine. G. E. Gurevich, G. A. Novikov, N. S. Iuz. Trudy TSNIMF 12 no.88:65-70 '67.
- Instructions on the building of inland navigation vessels. Section "Steering". Approved and put into effect on the 18/7 1967. Pravda postroiki sudov vnutrennego plovaniya. Razdel "Rukovodstvo upravleniya". Ust. i ved. v delatvie 10/VI 1967 g. Moskva, "Transport", 19 p. (Rechnol.registr. RSFSR).
- International trade customs and shipping agreements. D. Nikolov. Vresh.torg. 48 no.7:42-43 '68.
- Methods of calculating base charter standards for cargo handling operations in foreign ports. A. I. Zakhov, E. P. Gromovoi. Trudy SoluzMorNIIProekt no.16:83-90 '67.
- Methods of determining the suitability of dry cargo ships for loading operations. T. V. Rogan. Trudy TSNIMF 12 no.88:55-63 '67.
- Open freight market. I. S. Sergeev. Vresh.torg. 48 no.9:42-46 '68.
- Organizing the transshipment of transit cargoes in Danube harbors of the Ministry of the Merchant Marine. V. N. Lavrenko. Trudy SoluzMorNIIProekt no.17:10-11 '67.
- Payment for production funds of marine transportation enterprises. A. A. Novikov. Trudy TSNIMF 12 no.88:22-25 '67.
- Present state and basic trends of scientific investigations in the field of economics and operation of the merchant marine. G. A. Novikov, A. A. Pankin. Trudy TSNIMF 13 no.81:3-7 '67.
- Price determination on the world freight market of tramp tonnage. I. G. Chirpachova. Trudy SoluzMorNIIProekt no.16:91-102 '67.
- Quality of operation and periodicity of repairs of ships built in series. G. V. Ietinskii. Trudy SoluzMorNIIProekt no.17:34-38 '67.
- Selection of accounts in harbors. P. Mokretsov. Vresh.torg. 48 no.9:50 '68.
- Studying the effect of sea transportation conditions on the quality of vegetable fiber cargoes. I. M. Trakov. Trudy TSNIMF 12 no.88:22-26 '67.
- Studying the regularity of grain cargo pressure on the ship and modeling the rolling of a ship. G. I. Tikhonov. Trudy TSNIMF 12 no.88:97-101 '67.
- System of basic indices for planning and evaluating the work of the merchant marine. A. A. Pankin. Trudy TSNIMF 12 no.88:3-21 '67.
- Use of perspective chains in the Zapovednye Lock. V. V. Sadovenko. Trudy LVT no.103:19-20 '67.

856.0(479.184)—Capitalist countries of the world

- Economic crisis in the shipping of capitalist countries and state control. B. P. Khaber. Trudy TSNIMF 13 no.84:91-93 '67.
- Tanker navigation: difficulties and prospects. S. Karpov. Mir. ekon. i mezhkhar. otn. no.7:122-130 '68.

856.0(52)—Japan

- Analysis of shipping lines of Japan. G. A. Lovikov. Trudy SoluzMorNIIProekt no.16:47-66 '67.

856.0(571.6)—Soviet Far East

- Efficient transportation communications of Sakhalin Island with the mainland. N. M. Dushkova. Trudy SoluzMorNIIProekt no.17:12-14 '67.

856.7 Air transport

- [Air transportation] Ref. zhurn.: Vozd.transp. Predmetnyy ukazatel' za 1967.
- It can be reached only by airplane. B. P. Bugaev. Av. i kosm. no.8:5-6 Ag '68.
- Recording flight parameters. A. Kalashnikov. Av. i kosm. no.8:5-6 Ag '68.

856.8 Mail, Post

- Awarding bonuses to communication and PTUS workers is shifted to the new system of management. K. D. Lunin. Vest. aviats. 28 no.2:21-22 F '68.
- Care for the industrial safety of communication workers. I. E. Lebedev. Vest. aviats. 28 no.5:26-27 My '68.
- Communication worker's conference by mail. Vest. aviats. 28 no.4:22 Ap '68.
- Competition for the title "Best Telecommunication Enterprise." N. M. Gordeev. Vest. aviats. 28 no.4:21-22 Ap '68.
- Consultations on the granting of annual leave. A. A. Isatomin. Vest. aviats. 28 no.5:30 My '68.
- Creative report of educational institutions of communication. N. V. Zakharova. Vest. aviats. 28 no.4:29-32 Ap '68.
- Effectiveness of the new economic system. K. V. Shkurev. Vest. aviats. 28 no.5:18-19 My '68.
- Everything done to satisfy the citizen. S. G. Volkov, L. A. Iakovlev. Vest. aviats. 28 no.5:22-26 My '68.
- Five-day workweek in effect. A. A. Krasinskaya. Vest. aviats. 28 no.2:13-14 F '68.
- For the welfare of Soviet people. Vest. aviats. 28 no.2:1 F '68.
- Founder of the science of communism; on the 153rd anniversary of the birth of Karl Marx. V. N. Lebedev. Vest. aviats. 28 no.5:3-4 My '68.
- Fundamental of cost accounting; economically based rates. V. M. Zhigunov. Vest. aviats. 29 no.4:13-15 Ap '68.
- Heroic communication workers. Vest. aviats. 28 no.2:25-27 F '68.
- Holiday of Soviet communication workers. Vest. aviats. 28 no.5 My '68.
- Improving the operation and strengthen the economy of the communication industry. Vest. aviats. 28 no.4:1-2 Ap '68.
- In the Presidium of the Central Committee of the Trade Union of Communication Workers. Vest. aviats. 28 no.4:27-28 Ap '68.
- In the Presidium of the Central Committee of the Trade Union of Communication Workers. Vest. aviats. 28 no.5:31 My '68.
- Modern equipment for communication enterprises. I. V. Panov. Vest. aviats. 28 no.4:20-21 Ap '68.
- Motor scooters in postal delivery operations. Vest. aviats. 28 no.4:18-20 Ap '68.
- My work method. I. M. Uzhakov. Vest. aviats. 28 no.2:16-17 F '68.
- Now conditions of management. K. E. Rakhmanov, I. S. Reuten. Vest. aviats. 28 no.2:27-28 F '68.
- Not only a check but an aid also. A. S. Korotkov and others. Vest. aviats. 28 no.4:25-26 Ap '68.
- Pursuing new developments. V. V. Samarskii, B. O. Vorshakov. Vest. aviats. 28 no.5:20-22 My '68.
- Results of the All-Union public review of communication literature libraries. L. M. Luova, L. V. Nefedova. Vest. aviats. 28 no.2:31-32 F '68.
- School of public inspectors. Vest. aviats. 28 no.4:16-17 Ap '68.
- System of the automatic processing of written correspondence. (Principles of indexing.) Slesina av. k. chesko obrabotki pis'menoi korrespondentsii (Principles of indexing). Moskva, "Sveta", 1968. 41 p. (Novoe v tekhnike aviats.).
- Think, invent, and suggest! Vest. aviats. 28 no.5:14-15 My '68.
- Winners of the All-Union competition. S. G. Volkov, L. A. Iakovlev. Vest. aviats. 28 no.2:17-21 F '68.
- Work quality should correspond to the demands of Soviet people. K. Vukirov. Vest. aviats. 28 no.5:18-20 My '68.
- Year of management according to the new system. R. M. Asolov, T. S. Golberg. Vest. aviats. 28 no.5:15-16 My '68.

856.8(471.41)—Tatar A. S. S. R.

- Kazan post office after its remodeling. N. P. Bulatovskii. Vest. aviats. 28 no.2:14-15 F '68.

856.8(471.55)—Chelyabinsk Province

- Plans for the scientific organization of work in the long-distance telephone and telegraph of Chelyabinsk. A. U. Troitskii, N. I. Kurochkin, S. M. Dorkunov. Vest. aviats. 28 no.5:28-29 My '68.

856.8(476)—White Russian S. S. R.

- Conference of the communication workers of White Russia on scientific organization of production and labor. P. A. Omolchouko, A. S. Popova. Vest. aviats. 28 no.4:21-25 Ap '68.

856.8(476)—Moldavian S. S. R.

- Raise the technical knowledge of young communication workers. Vest. aviats. 28 no.4:32 Ap '68.

856.836 Franking, Stamps, Philately

- After 46 years. M. Kamal', Az. i Afr. seg. 12 no.1: 60-61 '68.
- Stamps tell about man's walk in space. L. P. Icher. Zoni. i vesl. no.2:85-87 Mi-Ap '68.

857 Accountancy, Bookkeeping

- Analysis of expenditures from the production development fund. S. Chornikov. Den. kred. 38 no.7: 48-52 Ji '68.

Business accounting and credit. I. Setin. V mire knig 7 no. 6:21 '87.

Chernov, N. E. [Accounting and analysis of the balance sheet of an automotive transportation enterprise] Balansirovaniye ucheta i analiza balansov avtomobilnogo predpriyatiya. Moskva, "Transport", 1967. 306 p. Commercial accounting and its legal forms. I. U. G. Basin. Sov. gos. i pravo no. 7:78-83 Ji '68.

Certificates and seminars. Den. kred. 36 no. 7:42-43 Ji '68.

Cost balance sheet of industrial concern. V. Nesterenko. Ekon. sel'khoz. 43 no. 5:113-115 '68.

Distribution of the cost of a hydraulic project among its users. D. S. Shchegolev. Gidrot. 36 no. 6:35-37 Je '68.

Goloshchapov, V. A., comp. [The accountant's manual for selling accounts with workers and employees] Spravochnik bukhgaltera po raschetam s rabochimi i sluzhashchimi. Moskva, "Finansy", 1967. 151 p.

Kostich, P. A. [Accounting in agricultural enterprises] Buxgalter'skiy uchët v sel'skokhoziaistvennykh predpriyatiyakh. Minsk, "Vyshetshiya shkola", 1967. 247 p.

Mechanization of accounting and computing work in the financial system. G. Darkov. Fin. SSSR 42 no. 9:75-78 S '68.

Method of analysis in the fulfillment of profit plan. V. I. Strazhev. Prom. Del. 9 no. 8:12-13 Je '68.

Method of analyzing sales, profit, and profitability under the new conditions. V. Koptaev. Fin. SSSR 42 no. 6:61-67 Je '68.

Problems of improving the accounting of production costs. V. P. Butenko. Prom. Del. 11 no. 6:13-14 Ag '68.

Radoslova, V. K., and G. Z. Kopylov. [Collection of accounting problems in branches of the national economy] Sbornik zadach po bukhgalter'skomu uchetu v otresakh narodnogo khozaystva. Moskva, "Finansy", 1968. 240 p.

Rating and accounting of tractor operations. A. Mineev. Tekhn. i sel'khoz. 28 no. 5:60-66 '68.

Some deficiencies of the legal examination of accounts. I. Shibaev. I. Georgiev. Sots. zakon. no. 4:16-21 Ag '68.

Strengthen the control of financial organs over the safety of state funds in every way possible. F. Manolov. Fin. SSSR 42 no. 9:3-9 S '68.

Taking into consideration the amortization and the time element in expenditures for production. S. Zakharov. Vop. ekon. no. 8:105-116 Ag '68.

657(471.332)—Leningrad City.

Utilization of the winter of drying systems at the "Khitrak" company. I. Kh. Shoberashin. Tekst. prom. 26 no. 5:58 My '68.

657(471.326)—Tainov Province

The accounting of a city branch is performed at the machine reworking center of statistical administration. T. Knezhina. Den. kred. 20 no. 9:60-61 Jo '68.

657(471.52)—Bashkir A. S. S. R.

Practice in operation accounting in the financial department of an enterprise. I. Dostalkina. Fin. SSSR 42 no. 8:43-45 Ag '68.

657(471.64)—Sverdlovsk Province

Problems of business accounting in plants. S. A. Frolov. Mest. masov. 3:6-68 '68.

657(476)—White Russian S. S. R.

Auditing the statements of enterprise accounts. I. Belobzhetskii. Fin. SSSR 42 no. 9:78-84 S '68.

Low turnover funds are being used. M. I. Chernovonova. Prom. Del. 9 no. 8:5-6 Je '68.

657(477)—Ukrainian S. S. R.

Adoption of interplant business accounting in sugar factories. M. G. Shilo. Sakh. prom. 42 no. 6:41-45 Je '68.

657(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

657(574)—Kazakh S. S. R.

Uncover potentialities more efficiently. M. Isaev. Fin. SSSR 42 no. 8:80-82 S '68.

658 Business, works and shop management and techniques

Business accounting in plants and workshops of the Koshunova Mining and Ore Dressing Combine. G. V. Kolosova. Gor. zhur. 143 no. 5:34-36 My '68.

Coefficients for determining the level of scientific organization of labor. M. Kh. Khumantinov. Strot. Iruboprov. 13 no. 3:24-25 Mr '68.

Innovators' success. A. I. Polovinkin. Gidroliz. i tekhn. prom. 21 no. 3:20 '68.

Evaluating the working conditions for the machinery of the clothing industry in the selection of electric drives. O. A. Smirnova, B. P. Medvedev, S. M. Vorob'ev. Shvein. prom. no. 3:19-22 My-Jo '68.

Manufacture of products in optimum batches as a source for the increase of production effectiveness. L. I. Pavlovskii, E. G. Akhievaev. Shvein. prom. no. 3:8-9 My-Jo '68.

Multilage. Instructions for the dressing of Krivoy Rog iron ores in the way of improving the quality of concentrates. S. I. Zhuravlev. Gor. zhur. 143 no. 5:14-16 My '68.

New organization of the labor of repairmen brigades servicing spinning machinery. L. A. Rikova, N. D. Minaev, N. V. Galko. Tekst. prom. 28 no. 5:0-10 My '68.

New wholesale prices for textile machinery. I. E. Bikhchik. Tekst. prom. 28 no. 7:19-20 Ji '68.

Planning for work in enterprises under the new conditions. I. Koshik. Sots. prom. 13 no. 8:1-15 Je '68.

Planning of the most industry enterprises. L. Ryshchenko. Misa. ind. SSSR 39 no. 5:7-11 My '68.

Scientific organization of labor in action. N. N. Stelastin. Kozhev. obuv. prom. 10 no. 6:9-9 Je '68.

Structure and dynamics of technological assembly-line methods of specialized meat processing enterprises. A. Pelen, A. Brachnikov. Misa. ind. SSSR 39 no. 6:12-13 My '68.

To improve the organization of engineering and management performance in enterprises. V. A. Serdick, E. M. Stelastin. Sakh. prom. 42 no. 9:35-39 S '68.

Use of PERT diagrams in technical industrial planning. B. F. Khamin. Prikl. stat. i spr. no. 3:39-41 Mr '68.

Use of raw materials in oil plants processing fractions. A. Pelen, A. Brachnikov. Misa. ind. SSSR 39 no. 6:24-26 Je '68.

Work and tasks of the Scientific Technological Society of Light Industry. V. A. Isaenko. Tekst. prom. 28 no. 6:8-11 Je '68.

658(471.232)—Leningrad City

Emergency production management and protection of labor. V. G. Pavlov, S. A. Gerner. Mest. zhur. prom. 34 no. 6:43-45 Je '68.

658(471.321)—Onel Province

Effect of the processing of the ironing surface on the intensity of shine on fabrics. A. P. Mikaluskas, A. B. Kravchukailo, M. M. Gitauskas. Sakh. prom. no. 3:23-24 My-Jo '68.

658(471.44)—Saratov Province

Scientific basis of labor organization in bread-baking plants. V. I. Polkanov, A. A. Podkuznetsov. Khleba i kvas. prom. 12 no. 5:22-23 Je '68.

658(471.51)—Udmurt A. S. S. R.

Practice in adopting scientific organization of labor at the Sarapul Rice Factory. B. A. Serpov, I. G. Torochkova. Kozhev. obuv. prom. 10 no. 6:9-10 Je '68.

658(476)—White Russian S. S. R.

Reconstruction of industry in White Russia. I. T. Krutitsina. Prom. Del. 9 no. 6:3-4 Je '68.

Results of a year's work in a hosiery and knitwear factory under new working conditions. L. M. Rerzon. Tekst. prom. 28 no. 6:17-18 Je '68.

Scientific and technical progress in the main prerequisite for an efficient production. P. M. French. Prom. Del. 9 no. 6:1-2 Je '68.

658(477)—Ukrainian S. S. R.

Practice in the organization of production at the Cucurbit Vegetable Drying Plant. V. I. Skovetnik. Kons. i ov. prom. 23 no. 6:23-25 '68.

658(674)—Kazakh S. S. R.

Scientific organization of labor of light industry in Kazakhstan. V. I. Petashina. Tekst. prom. 28 no. 6:12-14 Je '68.

658(676.1)—Uzbek S. S. R.

Uzbekirgansk Oil Extraction Plant promotes a communal labor system. A. H. Sarymukhmedzhanov, A. K. Ramatov. Mest. zhur. prom. 34 no. 6:40-41 Jo '68.

658(676.1)—Uzbek S. S. R.

Uzbekirgansk Oil Extraction Plant promotes a communal labor system. A. H. Sarymukhmedzhanov, A. K. Ramatov. Mest. zhur. prom. 34 no. 6:40-41 Jo '68.

Internal financial control. M. Karasik. Fin. SSSR 42 no. 7:74-76 '68.

Calculating norms for the deductions into incentive funds. I. Polzin. Sots. prom. 13 no. 6:49-54 Je '68.

The material incentive fund. V. Kolkov. Den. kred. 26 no. 7:12-27 Ji '68.

Method of analyzing sales, profit, and profitability under the new conditions. V. Koptaev. Fin. SSSR 42 no. 6:61-67 Je '68.

Methods of analysis in the fulfillment of profit plan. V. I. Strazhev. Prom. Del. 9 no. 6:12-13 Je '68.

Planning for working capital. I. Zolichenko, B. Mitelman. Fin. SSSR 42 no. 9:36-40 S '68.

Problems of financial planning in enterprises. I. U. Korotkin. Prom. Del. 45 no. 9:42-49 S '68.

The profitability indices. A. Lunenkov. Fin. SSSR 42 no. 6:10-13 Je '68.

Profitableness and the efficiency of production funds. N. Kononova. Fin. SSSR 42 no. 7:25-29 '68.

Problems and reserves of the Azerbaijan transport system. K. B. Taglov. Za tekhn. prog. 6 no. 6:37-39 My '68.

Problems of improving the accounting of production costs. V. P. Interko. Prom. Del. 9 no. 6:13-14 Je '68.

Regulate the calculation of net cost. M. Karasik. Misa. ind. SSSR 39 no. 5:22 My '68.

The socialist enterprise and the functions of finance. D. Alakverdiyev. Fin. SSSR 42 no. 9:26-30 S '68.

Strengthen the control of financial organs over the safety of state funds in every way possible. F. Manolov. Fin. SSSR 42 no. 9:3-9 S '68.

Taking into consideration the amortization and the time element in expenditures for production. S. Zakharov. Vop. ekon. no. 8:105-116 Ag '68.

Technical development and depreciation norms for trucks. I. Isaeva. Avi. transp. 46 no. 5:13 My '68.

Tikhonov, R. N., and A. N. Razhkev. [Efficiency of payments for production funds] Effektivnost' platy za proizvozhdeniye fondy. Moskva, "Ekonomika", 1967. 86 p. [Predpriyatie v royskh usloviyakh].

Use the potentialities of the enterprise more fully. Fin. SSSR 42 no. 6:7-10 Jo '68.

Utilization of capital assets in a plant. I. G. Proskurin. Mashinostroy. no. 2:40-41 F '68.

Work practice under the new conditions. N. Medvedev, E. Remnarenko. Plan. knoz. 45 no. 9:35-42 S '68.

658.1(471.316)—Moscow City

Do we work economically? N. Volodina. Sov. predpriyatiye 24 no. 1:28-20 Je '68.

Enterprises under the new conditions. V. Shchegolev. Fin. SSSR 42 no. 8:36-43 Ag '68.

Experiment in trade and public food service. P. Stefanovskii, I. Lipkin. Fin. SSSR 42 no. 9:46-48 S '68.

Regional finance department under the new conditions. A. Ignatov. Fin. SSSR 42 no. 9:63-65 S '68.

658.1(471.324)—Voronezh Province

Organization of economic work. D. Kurlov. Den. kred. 20 no. 9:13-10 Jo '68.

658.1(471.331)—Khuln Province

Marketing, profit, and profitable production. V. Samuilov. Den. kred. 26 no. 7:41-43 Ji '68.

658.1(471.342)—Gorky Province

Business accounting in procuratorial offices. I. Mikhalkov. Mest. zhur. prom. 3 no. 1:73-79 Ja '68.

658.1(471.45)—Volgograd Province

In the financial organs of Volgograd Province. G. Naumenko. Fin. SSSR 42 no. 7:81-84 '68.

658.1(471.51)—Udmurt A. S. S. R.

Our work. A. Kolkov. Fin. SSSR 42 no. 8:71-72 Ag '68.

658.1(471.52)—Bashkir A. S. S. R.

Why was the loan not secured? L. Dostalkina. Den. kred. 26 no. 8:58-60 Jo '68.

658.1(471.53)—Perin Province

Financial organs of the Western Urals under the new conditions. N. Volkov. Fin. SSSR 42 no. 8:15-19 Jo '68.

658.1(471.55)—Chelyabinsk Province

Some problems of interrelations between the bank and the enterprise under the new conditions. Z. Bobotkova. Den. kred. 26 no. 6:36-38 Jo '68.

658.1(471.63)—Stavropol Territory

Improve economic work. S. Frolov. Fin. SSSR 42 no. 7:18-18 '68.

658.1(476)—White Russian S. S. R.

Auditing the statements of enterprise accounts. I. Belobzhetskii. Fin. SSSR 42 no. 9:78-84 S '68.

658.1(477)—Ukrainian S. S. R.

Adoption of interplant business accounting in sugar factories. M. G. Shilo. Sakh. prom. 42 no. 6:41-45 Je '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

658.1(478)—Moldavian S. S. R.

Some problems of improving the auditing. M. Karasik. Fin. SSSR 42 no. 8:71-73 S '68.

Internal financial control. M. Karasik. Fin. SSSR 42 no. 7:74-76 '68.

Calculating norms for the deductions into incentive funds. I. Polzin. Sots. prom. 13 no. 6:49-54 Je '68.

The material incentive fund. V. Kolkov. Den. kred. 26 no. 7:12-27 Ji '68.

Method of analyzing sales, profit, and profitability under the new conditions. V. Koptaev. Fin. SSSR 42 no. 6:61-67 Je '68.

Methods of analysis in the fulfillment of profit plan. V. I. Strazhev. Prom. Del. 9 no. 6:12-13 Je '68.

Planning for working capital. I. Zolichenko, B. Mitelman. Fin. SSSR 42 no. 9:36-40 S '68.

Problems of financial planning in enterprises. I. U. Korotkin. Prom. Del. 45 no. 9:42-49 S '68.

The profitability indices. A. Lunenkov. Fin. SSSR 42 no. 6:10-13 Je '68.

Profitableness and the efficiency of production funds. N. Kononova. Fin. SSSR 42 no. 7:25-29 '68.

Problems and reserves of the Azerbaijan transport system. K. B. Taglov. Za tekhn. prog. 6 no. 6:37-39 My '68.

Problems of improving the accounting of production costs. V. P. Interko. Prom. Del. 9 no. 6:13-14 Je '68.

Regulate the calculation of net cost. M. Karasik. Misa. ind. SSSR 39 no. 5:22 My '68.

The socialist enterprise and the functions of finance. D. Alakverdiyev. Fin. SSSR 42 no. 9:26-30 S '68.

Strengthen the control of financial organs over the safety of state funds in every way possible. F. Manolov. Fin. SSSR 42 no. 9:3-9 S '68.

Taking into consideration the amortization and the time element in expenditures for production. S. Zakharov. Vop. ekon. no. 8:105-116 Ag '68.

Technical development and depreciation norms for trucks. I. Isaeva. Avi. transp. 46 no. 5:13 My '68.

Tikhonov, R. N., and A. N. Razhkev. [Efficiency of payments for production funds] Effektivnost' platy za proizvozhdeniye fondy. Moskva, "Ekonomika", 1967. 86 p. [Predpriyatie v royskh usloviyakh].

Use the potentialities of the enterprise more fully. Fin. SSSR 42 no. 6:7-10 Jo '68.

Utilization of capital assets in a plant. I. G. Proskurin. Mashinostroy. no. 2:40-41 F '68.

Work practice under the new conditions. N. Medvedev, E. Remnarenko. Plan. knoz. 45 no. 9:35-42 S '68.

658.1(471.316)—Moscow City

Do we work economically? N. Volodina. Sov. predpriyatiye 24 no. 1:28-20 Je '68.

Enterprises under the new conditions. V. Shchegolev. Fin. SSSR 42 no. 8:36-43 Ag '68.

Experiment in trade and public food service. P. Stefanovskii, I. Lipkin. Fin. SSSR 42 no. 9:46-48 S '68.

Regional finance department under the new conditions. A. Ignatov. Fin. SSSR 42 no. 9:63-65 S '68.

658.1(471.324)—Voronezh Province

Organization of economic work. D. Kurlov. Den. kred. 20 no. 9:13-10 Jo '68.

658. 1(478)—Moldavian S. S. R.
Determining above norm inventories. R. Lakseron.
Fin. SSSR 42 no. 9:40-44 S '68.
New principles of financing institutions of public health.
V. Gusev. Fin. SSSR 42 no. 7:68-71 '68.

658. 1(496)—European communist countries
as a group
Business accounting in industrial combines of the countries participating in the Mutual Economic Assistance
Comm. (L) Butakov. Vop. ekon. no. 7:67-76 JI '68.

658. 1(571. 15)—Altai Territory
Provide more service to the population. I. Rozhkov.
Fin. SSSR 42 no. 9:69-71 S '68.

658. 1(574)—Kazakh S. S. R.
Give more attention to finding supplementary sources
of revenue. D. Mul'kin, S. Khalilov. Fin. SSSR 42
no. 9:10-13 S '68.

658. 1(575. 1)—Uzbek S. S. R.
The factory, the bank, and the collective. P. Kharlov.
Den. kred. 26 no. 6:39-40 Je '68.

658.2 Establishments. Works, plants and equipment
Chernov, E. S. [Capital assets under new conditions of
management] Osnovnye formy v norykh usloviyakh
khozrascheta. Moskva, "Ekonomika," 1967. 61 p.
(Prikladnye i naukochnye usloviya).
Consecutive water supply in an industrial complex. A. M.
Dmitrov. Gid. stroit. no. 1:48-50 Ja '68.
Evaluation of the effectiveness of measures in the
economy of electric power in industry. A. A. Dvornik.
Prom. energ. 23 no. 3:2-3 Mr '68.
Important exhibits. M. Vellor. Sots. trud. 13 no. 5:
11-17 My '68.
Inventor design of machine shops. I. E. Erichavskii.
V. I. Nikolaeva. Mashinostroitel no. 5:15-18 My '68.
Machine for making drying frames. N. F. Dudareva.
N. K. Kozlovich. Stroim. mat. 14 no. 8:20 Ag '68.
Means to raise the technical level of designing. L. B.
Gureman. Stroim. mat. 14 no. 8:8-9 Ag '68.
Method for calculating the distribution point of an enter-
prise as exemplified by the automobile industry. E. D.
Shtur. Sh. O. Gusev. Tekhn. prom. 5 no. 7:45-
46 JI '68.

Modernization of distributing systems in expanding a ther-
mal electric power plant. K. V. Letta-Orel'sov. Bum.
prom. no. 7:15-16 JI '68.
Operative management at the "Krasnii Proletarii" plant.
N. I. Rastvor. N. M. Bluzhstein. Mekh. i avtom. proizv.
22 no. 1:34-36 '68.

Plan of a new plant and production interests. A. A.
Rudzik. Stroim. mat. 14 no. 8:7 Ag '68.
Regulations on safety engineering and industrial sanitation
in the repair and maintenance of railroad buildings
and structures. Pravila tekhnicheskoy bezopasnosti i proiz-
vodstvennoy sanitarii pri remonte i soderzhanii zdaniy i so-
oruzheniy na zhelezнодорожном транспорте. TsSU
21049. Ust. M. vom puti soobshcheniya i proizvodstva
TsK Proletarii rabochikh zh. d. transporta vlek. 1081 g.
Moskva, "Transport," 1968. 151 p.
[Rules of safety engineering and industrial sanitation in the
production of acetylene, oxygen and the gas-flame
machining of metals] Pravila tekhnicheskoy bezopasnosti i
proizvodstvennoy sanitarii pri proizvodstve i obrabotke
kisloroda i gazoplazmennoy obrabotke metallov. Ust.
21049 1963 g. Izd. 3-e. Ispr. i dop. Moskva, "Mashino-
stroitel," 1967. 118 p.

Some correlations for magnetic induction units. I. A.
Nikitov, D. A. Grochinskii, V. G. Rygalin. Fiz. i stat.
opr. no. 3:13-15 Mr '68.

Use of protective equipment in the enterprises of machine-
industry ministries. Vest. stat. no. 7:88-90 '68.
Zin'kovskii, M. M. [Concise manual for metalworkers on
safety measures and industrial sanitation] Kratkiy
spravochnik metallurga po tekhnicheskoy bezopasnosti i
proizvodstvennoy sanitarii. Moskva, "Metallurgiya,"
1968. 219 p.

658.2(471. 318)—Kaluga Province
Issuing credits for capital assets. I. Zet'nikov. Den. i
kred. 26 no. 7:44-46 JI '68.

658.2(571. 53)—Irkutsk Province
Volovich, G. M. [Many-sidedness. (Notes on party
problems)] Mnogostoronnost'. (Zametki na part. temy).
Irkutsk: Vost.-Sib. kn. izd., 1967. 65 p.

658.3 Personnel. Human relations

Concrete sociological surveys and labor discipline. A. A.
Abramova, A. M. Kadianova. Sov. gos. i pravo
no. 8:40-48 Ag '68.

Fillipov, E. P. [Safety manual for operators of artificial
satellite installations] Pamiatka po tekhnicheskoy
bezopasnosti dlya mashinistov ustanovok po iskusstven-
nomu zaprepleniyu grunтов. Moskva, Stroizdat, 1967.
18 p. (Tekhnika bezopasnosti v stroitel'stve).
Foremen should acquire the scientific organization of
labor. N. K. Nikolaeva. Mashinostroitel no. 5:13-15
My '68.

Labor productivity and utilization of wage funds.
T. Brodskiy. Mias. ind. SSSR 39 no. 5:26-27 My '68.
[Laboratory work on industrial safety] Laboratornyye
raboty po obrabotke truda. Pod red. N. D. Zolotarevskogo.
Moskva, "Vyssh. shkola," 1967. 160 p.

Major condition for the effective growth of industry.
G. P. Stetskiy. Stroim. mat. 13 no. 5:16-18 My '67.
Method of analytical analysis in establishing wages for
engineering and technical workers. N. Sokolinskaya.
Sots. trud. 13 no. 2:128-133 F '68.
Methods of determining consumption standards for the
repair of materials and spare parts for electric equip-
ment of excavators. V. A. Golubev, I. N. Golomidov.
Trudy Sver. gor. inst. no. 49:12-20 '67.
Modern complex of service buildings. L. K. Sokolov.
Mashinostroitel no. 2:19-20 F '68.
Modernization of the excavator steering system im-
proved working conditions of machine operators. L. K.
Chuchalin. Mekh. stroit. 23 no. 7:22-23 JI '68.
Our best men. M. Korf, E. Ryzhikov, N. Kotov. Avi.
transp. 40 no. 2:9-10 F '68.
Outstanding excavator operators in power plant construc-
tion. P. K. Moroz. Mekh. stroit. 23 no. 10:15-16
O '68.
Perfecting the pay system for construction machinery
operators. S. I. Kabro. Mekh. stroit. 23 no. 7:15-17
JI '68.
[Standard branch norms for issuing free work clothes,
work shoes, and protective devices] Tipovyye otvraslye
normy besplatnogo vydashi opetodozhdy, opetodov
i predkhranitel'nykh prispособleniy. [Moskva], Profizdat.
Vyp. 1. 1968. 655 p.

Temporary replacement of absent workers. G. I. Ametev.
Sots. zakon. no. 4:80-82 Ap '68.
Training of secondary technological personnel. V. Izrael.
E. Kluchenko. Mias. ind. SSSR 39 no. 5:3-6 My '68.
V. I. Lenin as socialist discipline. A. Shtepanovskiy.
Sots. zakon. no. 4:3-10 Ap '68.
Wages without advance payments and issuing bonuses to
workers twice a month. N. P. Kabanov, V. K. Petrenko.
I. S. Semirina. Sten. ker. 25 no. 6:36-38 Je '68.
Ways of increasing the profitability of operating
single-bucket excavators in open-pit mines. G. D. Dal-
ner, I. N. Golomidov. Trudy Sver. gor. inst. no. 49:21-
26 '67.

658.3(471. 310)—Moscow City
Efimov, A. E. [Meet the chief economist] Znakom'tes',
glavnyy ekonomist. Moskva, "Mosk. rabochiy," 1967.
80 p. (Problemy i kharaktery).
Remuneration of workers depending on yearly returns.
R. A. Markova. Knob. i kond. prom. 12 no. 6:21-22
Je '68.

658.3(477)—Ukrainian S. S. R.
Labor efficiency promotion. T. Brodskiy. Mias. ind. SSSR
39 no. 6:22-25 Je '68.
Man and the reform. A. Stobadanur. Sov. profsoyuzy
24 no. 10:10-12 Kh '68.
Plans will be realized. I. U. Kytov. Sov. profsoyuzy 24
no. 10:36 Jy '68.

658.3(574)—Kazakh S. S. R.
Training of and building up personnel. S. Disonov. Den.
i kred. 26 no. 7:57-58 JI '68.

658.5 Production management and control

About the coefficient of motor vehicle utilization. L. Ia-
nikova. Avi. transp. 40 no. 5:52 Jy '68.
According to individual plans. V. A. Gorbik. Mashino-
stroitel no. 5:2-3 Jy '68.
Advantages and deficiencies. O. Davlian. Prom. Arui.
10 no. 7:62-54 '68.
Mining for 300 million tons of petroleum. Neftianik
13 no. 6:6-9 Je '68.
All Union economic conference and economic reform in
construction. I. M. Kuperina. Stroim. stroit. 13
no. 7:6-7 JI '68.

An algorithm for solving the problem of managing petro-
leum production enterprises. N. K. Konkov. Izv. vys.
ucheb. zav. i inst. 11 no. 3:87-90 '68.

Analysis of indices of mechanization in ship repairs.
A. A. Ovdishnikova. Trudy Sovetskoye Prom. no. 17:
27-32 '67.

Analysis of the profitability of merchant marine opera-
tions. N. I. Starovoytov. Trudy TSNIMF 12 no. 68:
46-54 '67.

Assembly line for ceramic condensers. I. A. Budkin,
V. Sh. Dugheyn, S. G. Izraelov. Mekh. i avtom.
proizv. 22 no. 4:19-20 '68.

Automatic control machines. V. G. Chirikov. Mashino-
stroitel no. 5:20 My '68.

Baikov, M. A., and G. A. Tatarina. [Method of interplant
technical and economic analysis] Metodika mezhzavod-
skogo tekhnicheskogo i ekonomicheskogo analiza. Moskva,
"Ekonomika," 1968. 170 p.

Basovich, V. V. [Organization of passenger transportation
by sea] Organizatsiya morskikh passazhirskikh
perovozy. [Moskva], "Transport," 1967. 219 p.

Brief results of the fulfillment of the plan for the first
quarter of 1968. I. A. Krasnopol'skiy. Mias. ind. SSSR
39 no. 5:10-20 My '68.

Brodskiy, S. S. [Automation in the management of enter-
prises] Avtomatizatsiya upravleniya predpriyatiy.
Moskva, "Ekonomika," 1968. 40 p. (D. chika Khuz.
rukovoditelia).

Calculating expenditures for the control of water area
pollution. I. M. Brodskiy. Trudy Sovetskoye Prom. no. 17:
66-68 '67.

Calculation of the cost for one kilowatt hour in a plant. M. G.
Shilo, K. A. Pervak. Sten. ker. 42 no. 8:41-42 S
'68.

Certain problems of increasing the output in converter
reduction of copper and copper-nickel plants. V. V.
Meehev, A. P. Gordeev, V. D. Romanov. Tsvet. met.
11 no. 5:34-36 My '68.

Characteristics of planning for scientific labor organiza-
tion in construction. S. Sharapova. Sots. trud. 13
no. 2:98-102 F '68.
Characteristics of the anniversary year. Sten. ker.
13 no. 7:2-3 JI '67.
Chetverikov, I. U. [Effective methods for the production
of buffer on continuous assembly line] Ratskaya
melody volenitva protsessu proizvodstva masla na pash-
nykh liniiakh. Moskva, 1967. 44 p.
Comparing economic effectiveness of the use of pipes of
various materials for water conduits. V. S. Saratov.
V. I. Gurevnikov. Stroim. stroit. 13 no. 7:27-27
JI '68.

Conjuncture lines for alluv production in worked trans-
facturing plants. M. A. Kiselev. Tekst. prom. 22
no. 5:13-15 My '68.

Correlation method for the study of the effectiveness of
specialization in the shoe industry. Reper. No. 3.
V. A. Afanasiev, T. A. Gulyzova. Izv. vys. uch. i
uch. i. 11 no. 3:3-9 '68.

Creative teams and plans for the scientific organization
of labor. O. Dzhikin. Mias. ind. SSSR 39 no. 6:21-22
Je '68.

Criteria for evaluating the level of the organization of
labor, production and management. Comprehensive
approach plus objective evaluation. Sots. trud. 13 no. 2:
67-68 Je '68.

Criteria for the evaluation should be objective.
S. Mikhail'skiy. Sots. trud. 13 no. 5:107-110 My '69.

Current problems of establishing work norms in con-
struction. V. Zolotarev and others. Sots. trud. 13
no. 6:15-120 Je '68.

Determination of time losses in tractor plowing.
G. Kondrat'ov. Tekhn. i sel. khoz. 28 no. 5:65-66 '68.

Determining calendar dates for the docking of ships for
repair in the compilation of graphs. A. I. Khalil.
Trudy TSNIMF 12 no. 88:54-76 '67.

Determining calculated labor input norms for products in
designing shops with universal equipment. K. T. Kras-
nov. Vest. mashinost. 43 no. 2:88-92 F '68.

Determining time periods needed for developing techno-
logical documentation for assembling work in produc-
tion. V. V. Zamiatin. Vest. mashinost. 43
no. 2:82-83 F '68.

Developing systems of paying bonuses for production
quality. R. Skugarskiy. Sots. trud. 13 no. 2:10-18
F '68.

Drafting fixing mechanism. L. I. Ivanov, V. V. Kiselev.
Vest. mashinost. 48 no. 2:46-47 F '68.

Economic efficiency of new investments for the smelting
of lead and zinc. I. M. Chirakovskiy, A. K. N. N. N.
Tsvet. met. 11 no. 5:55-58 My '68.

Economic efficiency of using hydraulic in shipping
operations at the Saitay Open-Pit Mine. D. A. Sidorov
and others. Trudy GDSverd. 1 up. 15:17-21 '67.

Economic incentive funds in enterprises of the road
machinery industry. A. Daugello. Fin. SSSR 42 no. 9:
48-51 S '68.

Economics of production quality. D. L'vov, V. Selskiy,
V. Stakhov. Vop. ekon. no. 8:42-48 Ag '68.

Effectiveness of the use of patent information during
planning and designing. R. G. Kuis, E. P. Verger. Za
tekhn. prog. 8 no. 5:47-48 My '68.

Improving the work of the enterprise on electric arc
furnaces. A. I. Klen. Tekh. prom. 11 no. 4:42-44 JI
'68.

Estimating the cost of operating machinery used by
municipal management. A. Zvezdin. Zhil. i kom. khoz.
18 no. 2:20-21 F '68.

Evaluating the shop work by quality. A. A. Remizov.
Mashinostroitel no. 5:11-12 My '68.

Expanding the production of high voltage time relays.
Improving their quality and operational reliability.
A. V. Liberman, A. V. Shernin. Sten. ker. 25 no. 5:33-
40 Je '68.

Experience of the Mashinostroitel'noy i Trud. of the
Glavenskiy in using new methods of planning and
economic stimulation. D. A. Baidal, S. K. Mekler.
Mekh. stroit. 26 no. 7:24-17 JI '68.

The five-year plan quota should be filled ahead of time.
Avi. transp. 40 no. 5:3-5 My '68.

For enterprises using the Saratov System. I. U. Nazarova
i Chilik. Sots. trud. 13 no. 6:41-48 Je '68.

For workers of enterprises on practice in changing over
to the new system of planning and economic incentives.
Sots. trud. 13 no. 6:50-56 Je '68.

Gronin, M. U., P. S. Zak, and M. A. Shidlovskiy. [Prin-
ciples of the standardization of gear wheels] Osnovy
normalizatsii zubchatykh kolez. Moskva, Izd. standar-
tov, 1967. 344 p.

Gusev, S. G. [Establishment of technical norms at enter-
prises of the building materials industry] Tekhnicheskoye
normirovaniye na predpriyatiyakh promyshlennosti
stroitel'nykh materialov. Moskva, Stroizdat, 1967.
230 p.

Halpin, J. F. [Zero defects. A new dimension in quality
assurance. Translated from the English] Bezdefekt-
nost'. Novyy podkhod k problemam obespecheniya kache-
stva. Pod red. I. A. M. Sorina. Predisl. A. I. Berga. Mo-
skva, "Mir," 1968. 336 p.

Hansen, Bertrand L. [Quality control. Theory and
applications. Translated from the English] Kontrol'
kachestva. Teoriya i primeneniye. Pod obshch. red. I.
A. K. Shubnikov. Moskva, "Progress," 1968.
519 p.

How to accelerate the restoration of combat readiness
of aviation equipment. N. Makstov, I. U. Gerashchik.
Avi. kosm. no. 6:68-70 Je '68.

How to compute the economic efficiency of the rationaliza-
tion of engineering and managerial work. V. Traiter.
F. Rusinov, A. Ardabov. Sots. trud. 13 no. 2:90-97
F '68.

- hydraulic modelling of the filling of a rectangular shape, radial continuous casting molds. I. N. Ivanov and others. Izv. vuz. ucheb. zav.; Chern. met. II no. 6:52-56 '69.
- Important potentialities of increasing the efficiency of working capital. V. Gribov. Den. i kred. 26 no. 6:17-21 Je '68.
- Improvement in the technical standardization of mining operations in prospecting. V. S. Ivanenko. Izv. vuz. ucheb. zav.; geol. i razv. II no. 7:133-137 Ji '68.
- Improving the organization of the calculation and control in the quality of raw material. O. V. Brann. Sakh. prom. 42 no. 1:27-28 Ji '68.
- Improving the planning and increasing the efficiency of logging operations. M. A. Shersanskii. Izvest. i okh. nestr. 34 no. 4:34-38 Ap '68.
- Improving the quality of bathroom fixtures. I. M. Khor'kov. Sakh. i ker. 25 no. 6:25-26 Je '68.
- Improving the system of planning and material accumulation in the merchant marine. G. E. Gorenstein, O. A. Norkov. II. S. Reiz. Trudy TSNIIMF 13 no. 84:65-68 '67.
- In the Ministry of the Machine-Tool and Cutting-Tool Industry. Mekh. i avtom. prozv. 22 no. 4:54 '68.
- Increased economic incentive for the use of working capital in sugar factories. V. I. Kinta. Sakh. prom. 42 no. 1:43-48 Ji '68.
- Increasing the effectiveness of sugar production in the USSR. Labinsk plant. P. A. Koudratenko. Sakh. prom. 42 no. 9:39-41 S '68.
- Industrializing the construction of flight facilities. D. P. Matveev, I. G. Anisimov. Stroi. i mashinostro. 13 no. 3:32-33 My '68.
- Intensifying the establishment of artificially heated work systems in the coal industry. R. R. Rukhovich, B. E. Mityayev, I. I. Kuchenko. Eksp. i inzh. 10 no. 4:56-63 Ap '68.
- Investigating fixed and variable expenditures in pipe manufacturing. N. I. Likhachev and others. Izv. vuz. ucheb. zav.; Chern. met. II no. 6:102-103 '68.
- Kasparov, G. B. [Organization and planning in cellulose and paper industry] Organizatsiia i planirovaniia tselulozno-bumazhnoi promyshlennosti, Moskva, "Leningradskii universitet" 1967, 323 p.
- Knitting enterprises operating under the use of planning and economic incentive system. L. I. Palych, L. M. Orlovskiy. Tekh. prom. 9 no. 1:15-17 Ji '68.
- Kutlin, M. B. [Profitable operations of the coal industry] Rentabelfnaya rabota ugolnoi promyshlennosti. Moskva, "Nedra," 1966, 90 p. (Konkretnaya ekonomika dlia gornikov).
- The loading of the plant should be eliminated. Prom. Arm. 10 no. 7:70 '68.
- Light and color in industrial enterprises. I. A. Boliman, G. A. Logachev. Mashinostroitel' no. 5:10-26 My '68.
- The main problem is labor productivity. Izum. prom. no. 7:1-2 Ji '68.
- Maintenance of machines on pipeline routes. V. I. Potilakov. L. A. Dnielovskii. Stroi. i mashinostro. 13 no. 5:14-15 My '68.
- Matrix method for planning of labor consuming capacities and wage funds in a textile enterprise. A. P. Pavlov. Izv. vuz. ucheb. zav.; Tekh. i lek. prom. no. 6:7-14 '67.
- Mechanized continuous mass production line for finishing ready-made articles. A. Z. Akserov, F. V. Laktionov. Khim. i farm. zhurn. 2 no. 3:47-52 Mr '68.
- Mechanized processing of documentation in the accounting of material values. M. I. Balutin. Avi. i transp. 40 no. 5:14-15 My '68.
- Methodological problems of planning for the production and distribution of square parts. G. Chumolov. Mut. i ekon. anal. 43 no. 1:38-42 Ji '68.
- Method for evaluating the level of labor organization in the glass industry. G. Chumarov. Sots. i trud. 13 no. 5:61-100 My '68.
- Methods of determining the economic efficiency of the maintenance system at the merchant fleet. G. A. Novikov. Trudy TSNIIMF 13 no. 84:25-35 '67.
- Methods of evaluating the resistance of rocks to hydraulic breaking in open-pit mines. I. S. Fufkin, V. M. Alekseyev. Trudy IGD(Sverd.) no. 16:53-63 '67.
- Network model of construction management. I. N. Monin, B. Chupin. Sots. i trud. 13 no. 2:80-90 F '68.
- New method of preparation for tool production. G. N. Ziser, V. I. Volozov. Mashinostroitel' no. 6:9-11 My '68.
- Novozhilov, S. S. [The scientific organization of labor, a necessity of life] NOT - volonia zhizni. Moskva, "Znanie," 1966, 160 p. (Nar. un-t. Tekhn. i ekon. fak. 2-3).
- On some problems of providing incentives for technological progress. V. Gogorov, L. Zolova. Vop. ekon. no. 7:103-112 Ji '68.
- On the revision of norms; reply to Contrade N. I. Pugachov. E. Asakhiyova. Sots. i trud. 13 no. 2:165-160 F '68.
- Operative control in internal grinding of parts. S. S. Koshtikovskii, L. D. Kovalev. Prom. Bol. 9 no. 6:56-57 Je '68.
- Organizing a rate setting base with the use of computers. A. S. Khigor, I. M. Rainer. Vest. mashinostro. 48 no. 2:77-80 I '68.
- Practice in sharpening of diffusion knives at the "Kreshchalnik" Sugar Factory. A. T. Sinaev, N. K. Ostapchuk. Sakh. prom. 42 no. 9:31-32 S '68.
- Problem on the distribution of orders in a system supplying materials and equipment. B. S. Razumikhin. Avtom. i telet. no. 6:64-72 My '68.
- Problems of management and information. I. U. Gnedkov, V. Tsimel'. Plan. khoz. 45 no. 9:91-98 S '68.
- Problems of minimization of information in the determination of petroleum production costs with the use of computers. A. A. Abdullayev, B. I. Samoilovich, A. A. Minchuk. Za tekhn. prog. 8 no. 3:10-13 Mr '68.
- Problems of the methodology for calculating the cost of petroleum recovery by electric submersible pumps. T. S. A. Khaikina, I. A. Kabanovich. Izv. vuz. ucheb. zav.; nef't' i gaz II no. 2:109-111 '68.
- Problems of the prediction of petroleum asphalt. M. Katsel'son. Neftianik 13 no. 6:4-5 Je '67.
- Qualification of adjusters and efficiency of automatic production lines. R. P. Kornyshev, O. E. Germanova. Mekh. i avtom. prozv. 22 no. 4:46-47 '68.
- Quality occupies the center of attention of machine-tool manufacturers. P. Alontin. Vnesh. torg. 48 no. 10:18-21 '68.
- Quantitative evaluation of the level of the organization of working areas. G. Kaplan. Sots. i trud. 13 no. 5:103-105 My '68.
- Quotas of the five-year plan ought to be fulfilled ahead of schedule. V. Razumov. Neftianik 13 no. 6:10-11 Je '68.
- Readers' suggestions; review of materials received by the editor. Sots. i trud. 13 no. 6:10-11 Je '68.
- Realization of plans for the industrialization of gas field construction. I. M. Magd'mskii. Stroi. i mashinostro. 13 no. 7:32-35 Ji '68.
- Recommendation of the efficiency promoters of the Ukrainian sugar industry. A. Parkhachko. Sakh. prom. 42 no. 9:5-6 S '68.
- Repair of equipment and managerial reform. I. U. S. Raitsov. Mashinostroitel' no. 5:39-42 My '68.
- Repairs of construction machines. V. S. Alekshad. Mekh. i avtom. prozv. 22 no. 7:19-20 Ji '68.
- Reviewing the development of industrial enterprises. I. A. Leichenko. Stroi. i inzh. 13 no. 7:2-3 Ji '67.
- Rogovoi, L. Z. [Efficient structure of management of an industrial enterprise] Ratsionalna struktura upravleniya na promyshlennom predpriyatii. Moskva, "Ekonomika," 1937, 48 p. (B-ka khoz. razvivaniia).
- Sampling device for an automatic analyzer of aromatic hydrocarbons. B. E. Koev, L. G. Nikitchev. Khim. i tekhn. i inzh. 10 no. 7:37-38 '68.
- Some economical problems of the production of light-colored petroleum products and oils in Azerbaijan. V. P. Kaufman, A. K. Daniel'ants. Azerb. nef't. khoz. 47 no. 6:45-47 Je '68.
- Some parameters of superlarge gas pipelines. A. M. Zhuraviev, I. P. Petlov. Stroi. i mashinostro. 13 no. 7:10-13 Ji '68.
- Some problems in connection with the change-over to the new system of planning and economic stimulation of power plants. G. G. Tolmurov. Za tekhn. prog. 8 no. 5:44-48 My '68.
- Sunkin, V. L., and B. A. Sobolev. [Production management and ways of improving its efficiency] Upravleniye proizvodstvom i puti povysheniia ego effektivnosti. Minsk, "Detizna," 1967, 174 p.
- Standardizing material and fuel-energy resources in the republic. I. M. Kagramanov. Za tekhn. prog. 8 no. 7:46-48 Ji '68.
- State symbol of quality. G. I. Alekseev. Stroi. i inzh. 13 no. 7:30 Ji '67.
- Studying power consumption during different methods of rolling channel bars. V. T. Zhukhin, V. E. Sifanov. Izv. vuz. ucheb. zav.; Chern. met. II no. 7:63-67 '68.
- Studying the effect of the depth of wells on the cost of their construction. L. M. Linaevskii. Izv. vuz. ucheb. zav.; nef't' i gaz II no. 2:93-106 '68.
- System of basic indices for planning and evaluating the work of the merchant marine. A. A. Pantin. Trudy TSNIIMF 12 no. 68:3-21 '67.
- Systems of part distribution in automatic lines with bianched flow. L. V. Kravkova. Mekh. i avtom. prozv. 22 no. 4:14-18 '68.
- Taking into consideration the quantity and quality of norms. A. Goltsov. Sots. i trud. 13 no. 5:119-124 My '68.
- Tells, P. L. [Automation of the process of mashing in beer brewing] Avtomatizatsiia perevornogo protsessa zamlivaniya v pivovarni. Moskva, 1967, 32 p.
- This can be used in your enterprise. Mashinostroitel' no. 2:24-25, 27 F '68.
- Tractor repair included in the production financial plan. M. Drozhzhin. Tekhn. v sel'. khoz. 28 no. 6:77 '68.
- Urgent problems of the development of the petroleum refining industry. A. Pletugin. Neftianik 13 no. 6:2-3 Je '68.
- [Use of mathematical methods and models in planning the petroleum refining industry] Matematicheskie metody i modeli v planirovaniu nef'tepetrokhimicheskoi promyshlennosti. Moskva, "Nauka," 1967, 266 p.
- Use of mathematical methods in the optimum control of petroleum production enterprises. A. A. Abdullayev. Za tekhn. prog. 8 no. 7:16-17, 45 Ji '68.
- Using network schedule graphs in organizing the supply of oil. V. B. Savitskii, L. A. Nemodova. Izv. vuz. ucheb. zav.; nef't' i gaz II no. 2:191-193 '68.
- Vorshilin, A. M., and M. A. Sergosov. [Technical and economic analysis in business accounting] Tekhniko-ekonomicheskiy analiz v sisteme khoz. iatsvetvennoy rascheta. Moskva, 1967, 63 p. (V pomoshch' lektoru. Nauch. metod. sovet po propagande ekon. znaniy).
- Vibration of the elements of main lines of rapid continuous mills and its effect on bearing supports and the quality of the production output. A. A. Dinitz and others. Nauch. trudy DMT no. 52:47-51 '67.
- We are for standard output per shift. D. Romanenko, M. Pleshakov, I. U. Palkin. Tekh. v sel'. khoz. 28 no. 6:88-89 '68.
- What is needed to change operations of freight truck stations to the new system. B. Elizarov. Avt. transp. 46 no. 2:13-16 F '68.
- Work according to the scientific organization of labor in enterprises of the "Ognepererud." G. T. Hardagny. Ogneperud 33 no. 4:11-13 Ap '68.
- Work of the Institute of Labor. Sots. i trud. 13 no. 5:154-157 My '68.
- 563.5(471.232)—Leningrad City
- Scientific organization of labor at the Kollakov collective. M. Isidorov. Zhil. i kom. khoz. 18 no. 2:8 F '68.
- Scientific organization of labor in a workshop. A. Demoshko. Sov. profsoyuzy 21 no. 10:12-13 My '68.
- 563.5(471.310)—Moscow City
- Calculating the number of repair workers on duty. I. A. Konferat. Sots. i trud. 13 no. 6:108-114 Je '68.
- 563.5(471.311)—Moscow Province
- Work and plans of machine-tool manufacturers. I. Andrianov. Sots. i trud. 13 no. 2:50-56 F '68.
- 563.5(471.316)—Yaroslavl Province
- The union of science and industry grows stronger. Part. zhizn' no. 16:52-58 Ag '68.
- 563.5(471.317)—Kostroma Province
- Where lies the strength of the collective. G. Kallinn. Sov. profsoyuzy 24 no. 13:4-5 Ji '68.
- 563.5(471.318)—Kaluga Province
- Providing incentives for increasing labor productivity in a plant. G. Goghrizadze. Sots. i trud. 13 no. 5:27-34 My '68.
- 563.5(471.341)—Chuvash A. S. S. R.
- Artistic and alderbrand the scientific organization of labor. N. Semichkin. Sov. profsoyuzy 24 no. 11:7-9 Je '68.
- The personal example of a Communist. P. I. Fedorov. Part. zhizn' no. 16:44-48 Ag '68.
- 563.5(471.41)—Tatar A. S. S. R.
- Careful and thorough preparation is a guarantee of success. Sots. i trud. 13 no. 5:74-80 My '68.
- 563.5(471.44)—Sverdlovsk Province
- The art of production and incentives for improving the quality of production in a glass factory. T. Skolova, V. Mavrin. Sots. i trud. 13 no. 5:46-50 My '68.
- 563.5(471.52)—Bashkir A. S. S. R.
- A businesslike approach and efficiency. A. Komarov. Part. zhizn' no. 16:37-39 Ag '68.
- 563.5(471.54)—Sverdlovsk Province
- Creativeness of the masses and the scientific organization of labor. M. Sergeev, L. Ponomarev. Sots. i trud. 13 no. 5:65-74 My '68.
- The union of science and industry grows stronger. Part. zhizn' no. 16:52-58 Ag '68.
- 563.5(471.56)—Orenburg Province
- The reform and the creativeness of the collective. A. Zil'orov, I. Iltanov. Sov. profsoyuzy 24 no. 14:6-7 Ji '68.
- 563.5(471.61)—Rostov Province
- Efficient means of reducing time consumed per unit of production. N. Lutal. Sots. i trud. 13 no. 2:103-108 F '68.
- Two years of the work of plant laboratory of the scientific organization of labor. I. Shostak, N. Grigor'ev, I. Ivashchenko. Sots. i trud. 13 no. 3:75-81 My '68.
- 563.5(471.62)—Krasnodar Territory
- Improvement of the repair service. V. A. Smelov. Tekst. prom. 28 no. 5:67-68 My '68.
- 563.5(476)—White Russian S. S. R.
- Developing the technology of remelting the wastes of high alloy steels. V. E. Voloskov and others. Prom. Bel. 9 no. 8:35-37 Je '68.
- Establishing work norms for hourly workers. M. Koronchuk, A. Krjuk, N. Kuznetsova. Sots. i trud. 13 no. 5:125-134 My '68.
- Mathematical modelling of the BeAZ-510 motor vehicle transmission. M. P. Brench. Prom. Bel. 9 no. 6:58-60 Je '68.
- Millions of rubles have been saved. K. Z. Polezheva. Prom. Bel. 9 no. 6:51-52 Je '68.
- Plans of the scientific organization of labor and the results of their introduction. N. I. Vlasov. Stroi. i inzh. 13 no. 7:4-5 Ji '67.
- Services industry enterprises work in the new day. I. Maurov. Fin. SSSR 42 no. 8:69-71 Ag '68.
- We are improving the level of economic work. V. Ushevlch. Fin. SSSR 42 no. 9:21-26 S '68.
- 563.5(477)—Ukrainian S. S. R.
- The economic reform and automotive transportation. M. Troshyn, M. Bilukha. Ekon. Rad. Ukr. 10 no. 4:41-46 Ap '68.
- Experience of adopting scientific organization of work by the Construction Mechanization Trust of the Kiev Main Municipal Construction Administration. S. I. Kabro. Mekh. i avtom. prozv. 22 no. 6:10-20 Je '67.
- Norm research work in a plant. F. Sobolev. Sots. i trud. 13 no. 2:109-116 F '68.
- Quantity and quality: paying hourly bonus wages when performed assignments are given. V. Orlov. Sots. i trud. 13 no. 5:51-57 My '68.
- Simplifying, clarity and taking into consideration special features, on the method used in Kiev enterprises. V. Zgurskii, A. Dudnik. Sots. i trud. 13 no. 6:85-90 I '68.
- 563.5(478.24)—Azerbaijan S. S. R.
- Practice in introducing scientific labor organization in a textile combine. E. Ivanov-Khanin. Sots. i trud. 13 no. 2:70-75 F '68.

2484

- Control regulations of the combustion process near blast furnace tuyeres. B. S. Lukov, V. T. Pilyayn. *Izv. vuz. Chern. zap. Chern. met.* 11 no. 6:43-45 '68.
- Comparison of load characteristics of the performance of the E-6 diesel engine when using the oil fuel and the oil of the oil fuel with 10% of liquid catalytic gas oil. K. O. Samoilov. *Za tekh. prog.* 5 no. 7:41-42 '68.
- Development of fuel base in the regions of the U. S. S. R. Razvitiye toplivnoy bazy rayonov SSSR. Pod obshch. red. A. E. Prokhorova. Moskva, "Nedra," 1966. 324 p.
- Neutralization of acidic gases and nonferrous metals during the burning of coals. I. K. Vlasovskii and others. *Khim. i tekhn. topol.* no. 2:103-105. 31 Apr '68.
- Fluidized bed as a suspension for coal and oil shale pyrolysis. E. V. Gerasimov. *Izv. VNIIG* 52:169-157 '67.
- Gas supply and its use in the U. S. S. R. (Based on materials of research conducted by the Scientific and Technological Society of the Power Industry) Gazosnabzheniye i ispol'zovanie gaza v SSSR. (Po materialam rabot NIOP). Leningrad, "Nedra," 1967. 192 p.
- Ignition of coal particles. B. V. Kantorovich, I. L. Pecherov. *Khim. i tekhn. topol.* no. 2:136-139. 31 Apr '68.
- Method of unloading pear from hopper-type freight cars. I. I. Korotkov, M. Kh. Lavon, I. I. Lavon. *Zh. tekh. i tekhn. topol.* no. 2:11-12. 1968.
- Operation of an intake unit according to the level of the pulverized coal in the S-50 mill. L. M. Borisovskaya, A. A. Skobko. *Elek. sta.* 39 no. 4:30-41 Apr '68.
- Operation of the main pumping station of a boiler room. I. I. Pecherov, A. M. Mal'tsev, S. T. Chakmatov. *Prom. energ.* 23 no. 3:19-21. 1968.
- Neutralization of brown coal properties as a component of fuel charges for coking. A. U. Mol'nichuk, I. M. Giletschenko. *Khim. i tekhn. topol.* no. 2:31-36. 31 Apr '68.
- Physicochemical study of the oil shale area of peat and lignite. N. K. Laitine and others. *Khim. i tekhn. topol.* no. 2:42-44. 31 Apr '68.
- Some current problems of the chemistry of solid fuels. N. I. Tikhonov. *Khim. i tekhn. topol.* no. 2:51-56. 31 Apr '68.
- Studying the structure and composition of the solid phase of the charge during the oxidation of hydrocarbon fuel. G. I. Pecherov. *Izv. vuz. Chern. zap. Chern. met.* 11 no. 2:53-58. 1968.
- Studying the electric conductivity of the flow of burning structures of liquid and solid fuels. E. S. Gerasimov and others. *Khim. i tekhn. topol.* no. 2:113-117. 31 Apr '68.

662.6(476)—White Russian S. S. R.

- XXIV method of studying wood, peat, and coal of different age in White Russian deposits. A. I. Skrigun, L. P. Danilova, V. S. Vorner. *Dokl. AN SSSR* 10 no. 7:620-631. 31 Apr '68.

662.6(477)—Ukrainian S. S. R.

- Approximate constants of dissociation regarding active groups of humic acids from Aleksandriya brown coals. V. A. Vokhov, L. M. Krivonozhko. *Khim. i tekhn. topol.* no. 2:121-124. 31 Apr '68.
- Method of studying the optimum levels of natural gas consumption by the main industrial branches of the Ukrainian S. S. R. V. K. Pecherov, M. M. Laitine, E. S. Gerasimov. *Izv. vuz. Chern. zap. Chern. met.* 11 no. 4:108-110. 1968.

662.7 Thermally or chemically produced fuels

- Composition of the resinous part of brown coal extracts. N. G. Gubavany and others. *Khim. i tekhn. topol.* no. 2:57-61. 31 Apr '68.
- Comparative power and chemical utilization of milled peat in a layer bed furnace-generator with reversed heat. G. I. Zhukhar. *Izv. vuz. Chern. zap. Chern. met.* 11 no. 8:122-125. 1968.
- Controlling the quality of jet fuel. V. M. Gornozov, G. R. Skutina. *Khim. i tekhn. topol.* no. 13 no. 7:30-40. 1968.
- Electrochemical activation of copper (I) acido complexes under conditions of liquid phase hydration of acetylene. D. V. Sokol'skii and others. *Izv. AN Kazakh SSR. Ser. Khim.* 10 no. 4:21-26. 31 Apr '68.
- Gilman, L. D., and I. I. Edel'man. [Laboratory control of the by-product coke industry] Laboratornyi kontrol' koksoobrazovaniya proizvodstva. Moskva, "Metalurgizdat," 1968. 472 p.
- Influence of active additives on the structure and reactivity of cakes. S. I. Khifir and others. *Khim. i tekhn. topol.* no. 2:45-50. 31 Apr '68.
- Peculiarities of brown coal properties as a component of coal charges for coking. A. U. Mol'nichuk, I. M. Giletschenko. *Khim. i tekhn. topol.* no. 2:31-36. 31 Apr '68.
- Principle of grouping by-product coke plants, and working out norms for deducing from profits into funds of encouragement. S. S. Aptekar' and others. *Koks i khim. topol.* no. 5:50-53. 1968.
- Some effects of the mechanical action on coal. P. N. Dzhaparidze, I. N. Landau, V. I. Abov. *Dokl. AN SSSR* 179 no. 4:923-925. 1968.
- Studying the thermal stability of jet fuels recently processed and subjected to long storage. N. I. Melnikova, I. V. Mal'tseva. *Khim. i tekhn. topol.* no. 13 no. 7:46-47. 1968.

662.8 Mechanically produced (artificial) fuels

- Operating reliability of hopper machines for gathering shredded peat. B. P. Morozov. *Torf. prom.* 45 no. 6:9-13. 1968.
- Use of an FMK-236 engine in a TU-4 diesel. V. V. Antonov. *Torf. prom.* 45 no. 6:26-28. 1968.
- Use of combined binders for the briquetting of coals. A. G. Shpakhtov and others. *Izv. DGI* 52:160-164. 1967.

662.9 Furnace and combustion engineering

- Aerodynamic characteristics of smokestacks. I. A. Rikhter. *Elek. sta.* 39 no. 4:11-14. 1968.
- Burning of mazut in the hearths of conveyor type roasting machines. V. M. Babushkin and others. *Prom. energ.* 23 no. 3:16-19. 1968.
- Certain characteristics of determining gas temperature in the upper part of a blast furnace. V. M. Parshakov, N. M. Babushkin, V. N. Timofeev. *Shor. nauch. trudy VNIIMT* no. 14:229-240. 1968.
- Comparative characteristics of injection-type burners with swirling of the air flow. A. I. Shchegolev. *Prom. energ.* 23 no. 3:30-31. 1968.
- Conditions of operation and life of reinforced concrete smokestacks. B. D. Tribner. *Elek. sta.* 39 no. 4:5-7. 1968.
- Construction of smokestacks and control of their condition. D. A. Bursakovskii. *Elek. sta.* 39 no. 4:15-16. 1968.
- Developing a method of controlling the distribution of gas flow along the radius of a furnace. V. M. Parshakov, N. M. Babushkin, V. N. Timofeev. *Shor. nauch. trudy VNIIMT* no. 14:202-205. 1968.
- Effect of local additions of mazut and water vapor in the blast on the coke combustion process in the tuyere hearth of a blast furnace. V. K. Durnov. *Shor. nauch. trudy VNIIMT* no. 14:111-129. 1968.
- Effect of longitudinal heat conductivity in regenerator checkers on their heat processes. F. R. Shkhar. *Shor. nauch. trudy VNIIMT* no. 13:225-232. 1967.
- Effect of the periodicity of charging a blast furnace on the temperature of blast-furnace gas and the accuracy of its measurement. D. A. Bokovtsov, F. R. Shkhar, V. N. Timofeev. *Shor. nauch. trudy VNIIMT* no. 14:59-77. 1968.
- Experimental investigation of the blast distribution along tuyere equipment of a blast furnace prior to the blowing in. F. R. Shkhar and others. *Shor. nauch. trudy VNIIMT* no. 14:313-325. 1968.
- Experimental study of the distribution of heat losses in the height of a blast furnace. D. A. Bokovtsov, E. F. Gogolev. *Shor. nauch. trudy VNIIMT* no. 14:139-158. 1968.
- Fuel burning in a slanting charge layer. N. M. Babushkin, V. N. Timofeev. *Shor. nauch. trudy VNIIMT* no. 14:130-150. 1968.
- Heat exchange in a slanting charge layer: mathematical formulation of the problem. N. M. Babushkin, V. N. Timofeev. *Shor. nauch. trudy VNIIMT* no. 14:160-171. 1968.
- Improving the organization of the flame in soaking pits with heating from the center of the bath. A. A. Pecherov, D. Z. Savenko, V. P. Kuzov. *Izv. vuz. Chern. zap. Chern. met.* 11 no. 1:165-169. 1968.
- Industrial gas fired water boilers. Gazyaya vodogreynyye promyshlennyye oplozhnyye kotly. Pod obshch. red. I. I. Sigala. Kiev, "Tekhnika," 1967. 145 p.
- Investigating gas composition in a slanting machine. N. M. Babushkin, G. M. Matzov, L. I. Aleksandrov. *Shor. nauch. trudy VNIIMT* no. 14:211-219. 1968.
- Investigating the effect of operating conditions of a revolving charge distributor on the temperature of gas flow around the blast furnace top. V. M. Parshakov, N. M. Babushkin, V. N. Timofeev. *Shor. nauch. trudy VNIIMT* no. 14:283-291. 1968.
- Line diagram of the blast distribution in blast-furnace tuyeres at the Nizhniy Tagil Metallurgical Combine. V. N. Timofeev and others. *Shor. nauch. trudy VNIIMT* 376-384. 1968.
- Natural burners with built-in compressors. A. G. Chlenov. *Prom. energ.* 23 no. 3:36-37. 1968.
- Methods of controlling the temperature of materials charged into a blast furnace. V. M. Parshakov, D. A. Bokovtsov, N. M. Babushkin. *Shor. nauch. trudy VNIIMT* no. 14:244-249. 1968.
- Methods of engineering calculations of temperature and humidity conditions of reinforced concrete smokestacks. K. M. Cherenisov and others. *Elek. sta.* 39 no. 4:7-11. 1968.
- Optical method of disperse analysis of the solid phase in a flame. I. A. Pribytkov, L. N. Rylov, V. A. Krivandin. *Izv. vuz. Chern. zap. Chern. met.* 11 no. 7:150-162. 1968.
- Selecting the optimum profile of a waste heat regenerator for copper smelting reverberatory furnaces. O. N. Bagrov, Z. I. Berlin, N. S. Zasyagin. *Tsvet. met.* 41 no. 5:41-43. 1968.
- Studying an experimental tunnel-type waste heat regenerator behind a pilot plant furnace of oxygen-suspension melting. Z. I. Berlin, A. B. Ermakov. *Tsvet. met.* 41 no. 5:50-54. 1968.
- Studying the distribution of blow in blast-furnace tuyeres. V. N. Timofeev and others. *Shor. nauch. trudy VNIIMT* no. 14:326-343. 1968.
- Studying the distribution of the blast furnace. V. N. Timofeev and others. *Shor. nauch. trudy VNIIMT* no. 14:344-375. 1968.
- Technical and economic comparison of new-type checkerwork for blast furnace air preheaters. V. N. Timofeev, S. P. Kashtanova. *Shor. nauch. trudy VNIIMT* no. 13:61-68. 1967.
- Temperature distribution in a uniflow regenerator with a massive checkerwork. F. R. Shkhar. *Shor. nauch. trudy VNIIMT* no. 13:233-239. 1967.
- Thermal design of regenerators. F. R. Shkhar. *Shor. nauch. trudy VNIIMT* no. 13:208-225. 1967.
- Thorough heating of a layer of material by gas with a moving front of constant temperature. F. R. Shkhar, N. M. Babushkin. *Shor. nauch. trudy VNIIMT* no. 14:172-189. 1968.
- Triggering of a gas protection system during the break in winding connections in the choke of a furnace transformer. A. A. Shapovalov. *Prom. energ.* 23 no. 3:43. 1968.

Utilizing the heat radiated by a glass furnace furnace. M. E. Nazarov. *Sokh. i ker.* 25 no. 6:41-42. 1968.

663 Beverages. Stimulants. Water

- Automation of the barley yeast growing process. A. I. Taleev, I. S. Pastukhina. *Gidrotekhn. i melioratsiya. prom.* 21 no. 3:31. 1968.
- B-group vitamins in red wines produced by different technological methods. N. I. Pilyan, L. V. Turina, G. I. Yurina. *Trudy VNIIV "Magarach"* 15:84-87. 1967.
- Biological stabilization of grape juice by sorbic acid. K. S. Popov, Z. D. Itat'chik. *Trudy VNIIV "Magarach"* 15:177-180. 1967.
- Biostimulants of baker's yeast from wastes of flour-milling, grain and confectionery industries. I. K. Palagina. *Izv. vuz. Chern. zap. Chern. met.* no. 1:67-71. 1968.
- Carbonyl compounds of tobacco smoke. I. G. Mokhrachev, S. V. Kamenichikova. *Izv. vuz. Chern. zap. Chern. met.* no. 2:101-108. 1968.
- Change in the composition of proteins in clear malt during thermal treatment. E. I. Velikaya, M. A. Usakov. *Izv. vuz. Chern. zap. Chern. met.* no. 1:47-59. 1968.
- Changeability of champagne yeasts under continuously improved sampling of the production. Z. D. Rakhimov. *Trudy VNIIV "Magarach"* 15:170-175. 1967.
- Conditions producing peroxidation of white table wines and methods for its prevention. V. I. Miron, E. N. Danushvili. *Trudy VNIIV "Magarach"* 15:110-120. 1967.
- Continuous saccharification and fermentation in alcohol production. I. I. Vecherov and others. *Izv. vuz. Chern. zap. Chern. met.* no. 1:108-110. 1968.
- Determination of proteolytic activity of enzyme preparations. I. M. Pavlenko. *Izv. vuz. Chern. zap. Chern. met.* no. 2:101-102. 1968.
- Effects of chlorohydrates and nitrobenzenes on gas formation of yeast. I. N. Kazanskaya and others. *Izv. vuz. Chern. zap. Chern. met.* no. 1:72-74. 1968.
- Effect of fermentation concentrations produced from sedimentation yeasts on the volume of the oxidation reduction potential of wine. E. N. Danushvili. *Trudy VNIIV "Magarach"* 15:115-118. 1967.
- Effect of some factors on the stability of dyeing and finishing substances in wine materials for the production of sparkling red wines. G. A. Gavrilin. *Trudy VNIIV "Magarach"* 15:164-169. 1967.
- Effect of the acoustic field on tobacco drying. V. V. Cherkov, D. P. Sakharov. *Izv. vuz. Chern. zap. Chern. met.* no. 1:110-119. 1968.
- Effect of the packing method on Nicotiana glauca drying in a layer with active ventilation. I. I. Dvorkin, E. A. Timoshenko. *Izv. vuz. Chern. zap. Chern. met.* no. 1:120-122. 1968.
- Effect of various factors on the peroxidation of grape peels. N. I. Normamodov, V. I. Nilov, E. N. Danushvili. *Trudy VNIIV "Magarach"* 15:98-101. 1967.
- Ineffective distillation of enteropiles of the tobacco industry of the U. S. S. R. A. M. Pavlovskiy. *Izv. vuz. Chern. zap. Chern. met.* no. 1:101-111. 1968.
- Enzymatic method for the determination of chlorophyll in grapes and grape juice. S. I. Rukh, G. A. Timofeeva, K. S. Popov. *Trudy VNIIV "Magarach"* 15:164-169. 1967.
- Epurition effect. S. E. Kharin, V. M. Pereklych. *Izv. vuz. Chern. zap. Chern. met.* no. 2:133-140. 1968.
- The exporters and the importers of rona. M. Postolensko. *Vnesh. torg.* 48 no. 7:34-35. 1968.
- Formation of aromatic aldehydes during the rectification and thermal treatment of ethyl alcohol. I. I. Silin, P. S. Tsygankov, V. P. Sukhodol. *Izv. vuz. Chern. zap. Chern. met.* no. 1:111-113. 1968.
- Formula for determining the duration of tobacco drying. I. U. R. Gikhtikova, V. I. Trubnikov. *Izv. vuz. Chern. zap. Chern. met.* no. 1:123-124. 1968.
- Heat emission during the flow of wine in tubes. V. A. Sabutkin, V. P. Popov. *Trudy VNIIV "Magarach"* 15:52-56. 1967.
- Heat of mixing of water-ethanol solutions. I. A. V. Zeltser. *Izv. vuz. Chern. zap. Chern. met.* no. 2:60-63. 1968.
- Hydrolysis of unaltered barley proteins by proteolytic enzymes of malt. L. M. Bolko, I. M. Mal'tsev, V. P. Malukhin. *Izv. vuz. Chern. zap. Chern. met.* no. 2:45-47. 1968.
- Improving the technological method for processing grain for the production of starch and alcohol. E. T. Kolesnikov, A. A. Noshporenko, B. A. Usatnikov. *Sakh. prom.* 42 no. 1:55-61. 1968.
- Inactivation of β -amylases of barley malt by photooxidation. N. A. Zheretov, V. V. Zlutina. *Izv. vuz. Chern. zap. Chern. met.* no. 2:48-52. 1968.
- Indicator culture for the determination of whole molecules of pantothenic acid. L. V. Turina, N. I. Borlan. *Trudy VNIIV "Magarach"* 15:81-83. 1967.
- Mechanism of antioxidant action of sulfurous ascorbic acids in wine. I. U. D. Taganov. *Izv. vuz. Chern. zap. Chern. met.* no. 1:58-60. 1968.
- Method for determining the "technological reserve" of pigments in grapes. E. N. Uslova. *Za tekh. prog.* 8 no. 6:40-41. 1968.
- Method for the introduction of oxygen for the speedup of wine aging in hermetically sealed tanks. V. I. Nilov and others. *Trudy VNIIV "Magarach"* 15:107-114. 1967.
- Method for the preparation of fermented hop extracts. S. Kh. Abdurazakova, M. E. Lekarova, B. V. Rakhimova. *Izv. vuz. Chern. zap. Chern. met.* no. 2:86-87. 1968.
- Methodology of comparative testing of winemaking, crushing, and racking machines. G. A. Zhdanovich, V. D. Emel'yanov, I. L. Gol'gar. *Trudy VNIIV "Magarach"* 15:13-20. 1967.

- Model experiments for studying the transformation of amino acids and sugars in wines. S. T. Ogortchuk, V. I. Nitor, *Trudy VNIIV "Magarach"* 15:123-124 '67.
- Modified methodology for the determination of higher alcohols in wines. A. A. Nallimova, V. I. Nitor, *Trudy VNIIV "Magarach"* 15:192-193 '67.
- New apparatus for technological study of grapes. V. I. Nitor, *Trudy VNIIV "Magarach"* 15:9-12 '67.
- New data on yeast of the *Saccharomyces oiformis* species. L. V. Tsurina, *Trudy VNIIV "Magarach"* 15:67-80 '67.
- Organic acids of pomegranate juices. S. Kh. Akhmedzade, I. B. Goltasova, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1 51-52 '68.
- Oxidation activity of sherry pears produced by submerged culture. T. S. Tsyb, *Trudy VNIIV "Magarach"* 15:127-128 '67.
- Practice in compiling a classifier of the wine production. T. A. Arslanov, S. S. Okhremenko, H. B. Sapozhnik, *Trudy VNIIV "Magarach"* 15:276-277 '67.
- Problems of viticulture and winemaking. (Basic results of the work of the Ukrainian Scientific Research Institute of Viticulture and Winemaking named after V. E. Tairov during 60 years) *Voprosy vinogradarstva i vinodeliya*. (Osnovnye resul'taty raboty Ukrain'skogo nauchno-issledovatel'skogo instituta vinogradarstva i vinodeliya im. V. E. Tairova za 60 let). Kiev, "Urozhai," 1967, 367 p.
- (DNAL)
- Riboflavin content in wines after treatment with Lermontov. N. I. Ryzan, T. I. Kabanov, *Trudy VNIIV "Magarach"* 15:93-97 '67.
- Selection of an economic condenser for the beer rectification column. A. P. Nikolaev, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:21-24 '68.
- Simple test determination of temporary and total hardness of water. A. I. Zinovyev, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:175-176 '68.
- Stability of rubbers in wine and cognac. T. A. Mokhachkina, S. I. Tsimon, S. G. Maresheva, *Trudy VNIIV "Magarach"* 15:237-250 '67.
- Study of results on losses of wine because of drying. V. R. Perova, N. S. Okhremenko, *Trudy VNIIV "Magarach"* 15:26-31 '67.
- Studying the effect of temperature, moisture, and speed of air exchange on the loss of cognac alcohol; basis for the shelf storage method. I. M. Skurikhin, O. M. Pusevskaya, *Trudy VNIIV "Magarach"* 15:125-126 '67.
- Studying the process of first-fraction must extraction from grape pulp. G. A. Zhdanovich, V. P. Zhelezov, P. M. Iekuev, *Trudy VNIIV "Magarach"* 15:21-26 '67.
- Studying the processes of sulfuration and desulfuration of grape must. G. G. Valulko, I. A. Anshchenko, *Trudy VNIIV "Magarach"* 15:187-198 '67.
- Substances determining ultraviolet absorption of cognac alcohols and cognaces. I. M. Skurikhin, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:88-93 '68.
- Tells, P. I. [Automation of the process of mashing in beer brewing]. *Avtomatizatsiya nepreryvnogo protsesssa zalleraniva v pivovarenii*. Moskva, 1967, 32 p.
- Thermophysical properties of grapes and products processed from them. V. A. Subbotin, V. P. Pivov, *Trudy VNIIV "Magarach"* 15:36-51 '67.
- Use of eoli for the prevention of turbidity in cognacs. N. T. Semenchenko, I. M. Skurikhin, *Trudy VNIIV "Magarach"* 15:191-208 '67.
- Vacuum oxidation of must from pulp. G. G. Valulko, N. P. Aliper, K. G. Goulin, *Trudy VNIIV "Magarach"* 15:27-33 '67.
- Where mineral water flows... H. Bovykin. *Sov. prof. slozhu* 24 no. 14:40-42 '68.

663(471, 62)—Krasnodar Territory

Quality of tomato juice depending on the content of pulp and its degree of dispersion. L. T. Kochetova and others, *Kois. i uv. prom.* 23 no. 6:10-11 '68.

663(476)—White Russian S. S. R.

Fruit juices made out of canberries, ascherberries and red bitterberries. T. I. Daulkevich, *Prom. Bol* 9 no. 6:41-42 '68.

663(477)—Ukrainian S. S. R.

Intercolloidal farm hydrolysis and yeast plants in Nikolayev Province. I. I. Shinoz, Gidroliz. i leuchim. prom. 21 no. 3:32 '68.

Itails, growing in Crimea, as ingredients for the production of vermouths. S. T. Ogortchuk, R. S. Popov, *Trudy VNIIV "Magarach"* 15:251-260 '67.

Turbidity of Transcarpathian white table wines and measures for its prevention. V. I. Zircenko, *Trudy VNIIV "Magarach"* 15:136-151 '67.

663(479, 24)—Azerbaijan S. S. R.

Some problems of the development of the tobacco industry of the Azerbaijan S. S. R. N. A. Karaev. *Za lekhn. prog.* 5 no. 7:43-45 '68.

663(479, 25)—Armenian S. S. R.

"Autograph" of a brandy-production specialist. S. Garibyan. *Prom. Arm.* 10 no. 7:9-11 '68.

The lagging of the plates should be eliminated. *Prom. Arm.* 10 no. 7:76 '68.

663(571, 11)—Kurgan Province

From the work practice of a yeast manufacturing enterprise. O. I. Feofanov, A. A. Prudnikov, Khlob. i konf. prom. 12 no. 6:35-38 '68.

664 FOOD INDUSTRIES. PRESERVATION

- Absorption of carbon dioxide by mono-ethanolamine solutions in a plate tower. I. P. Slobodanik, E. B. Kryzhanovskaya, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:162-168 '68.
- Adsorption of some nonsugars from sirups of the refined sugar production. I. I. Zdanovich, I. F. Zeldman, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:66-70 '68.
- All-Union public review of the introduction of scientific and technological achievements into industry. *Mias, ind. SSSR* 39 no. 6:57-58 '68.
- Analysis of the automatic control system of a rectification column. S. G. Mzina, I. A. Alekseev, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:129-132 '68.
- [Collection of articles on design and research costs in construction] *Shornik tsen na proektye i issledovatel'skiye raboty dlia stroitel'stva*. Izd. ofits. Moskva, Stroizdat, 1967, 128 p.
- Ch. 3. [Costs for the preparation of working drawings] *Tseny na razrabotku rabochikh chertezhekh*.
- Razd. 20. [Food Industry]. *Pishchevaya prom-st'*, Uv. 23 VIII 1967 g. 1968, 53 p.
- Conditions of liquid motion in a cluster of bubble tubes during evaporation. N. I. Tobilevich, I. I. Sagan, I. G. Porzhezhskii, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:147-152 '68.
- Conducting the Third All-Union Review on "Science, Technology and Quality." *Khol. tekhn.* 45 no. 6:42-44 '68.
- Development of the food industry during Soviet rule. I. G. Gritsenko, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:9-13 '68.
- Duration of gas and steam-liquid flow in pipes. I. M. Fedotkin, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:141-148 '68.
- Effect of pressure on the intensity of heat exchange during forced circulation evaporation. V. V. Astorov, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:117-118 '68.
- Effect of the curing ingredients of butter on the survival of lactic acid bacteria separated from butter. A. L. Mikhalova, *Trudy VNIIV "Magarach"* 15:117-126 '67.
- [Equipment of the food industry] *Ref. zhur.* Ch. 1. *Obor. pishch. prom.* no. 7:1 '68.
- Failure of ion-exchange membranes. L. D. Nohrovitsk, R. TS. Miskchuk, K. D. Zhurav, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:81-85 '68.
- Goukin, I. S. [Principles of automatic control in technological food processing]. *Osnovy avtomaticheskogo regulirovaniia tekhnologicheskikh protsessov pishchevyykh proizvedenii*. Moskva, "Pishchevaya prom-st'," 1967, 128 p.
- Heatconduct of hydrogenated fat. I. V. Nikonov, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:46-47 '68.
- Hydraulic resistance of mass exchange apparatus with regular lamellar packings. A. A. Kowalchuk, V. N. Stabinskii, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:113-117 '68.
- Kinematics of geared mechanisms with superimposed additional motion. I. I. Goltzko, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:127-131 '68.
- Laminar flow of Kesson media inside a circular tube and in a space between parallel plates. A. M. Mislav, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:175-177 '68.
- Optimum conditions of evaporation in single-cycle evaporators. N. I. Tobilevich, O. N. Stryl, C. P. Givariyeva, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:160-166 '68.
- [Price list for assembling equipment] *Tsennik na montazh oborudovaniia*. Izd. ofits. Uv. dlia primeneniia s 1 Ianv. 1968 g. Moskva, "Kolosa."
- No. 28. [Equipment of food industry enterprises] *Oborudovaniie predpriiitii pishchevoi promyshlennosti*. 1968, 364 p.
- Quantitative colorimetry of vanillin with mixed heteropolyacid in food products. M. F. Kachalova, V. N. Khruvalova, V. V. Rozlov, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:188-190 '68.
- Rectification in a column with circular jet plates. I. P. Slobodanik, B. A. Zadorozhnik, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:148-151 '68.
- Results of the all-Union socialist competition of food industry enterprises for the first quarter of 1968. *Masl. i zhir. prom.* 34 no. 7:45-46 '68.
- Semiconductor devices for the control of temperature in electric heating ovens. A. V. Eratsev, A. I. Sorokin, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:125-128 '68.
- Solubility of some oxalates in the presence of callons. S. I. Smyslov, I. M. Volkov, L. A. Vashchenko, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:61-66 '68.
- Statistical calculation and analysis of the basic indices of fruit separation. M. A. Dikis, S. B. Brand, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:179-182 '68.
- Study of physiological-biochemical properties of lactic acid bacteria separated from brims of different ages during ham curing. A. I. Mikhalova and others. *Trudy VNIIV "Magarach"* 15:199-196 '67.
- Testing of a vortex mass-exchanger. A. G. Kurnosov, I. M. Anoshin, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:167-161 '68.
- Theory of a spray breaker for the dispersion phase of suspensions. A. K. Sitnikov, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 2:163-168 '68.
- Third all-Union public review of the fulfillment of plans for the introduction of the newest scientific and technological achievements into industry. *Sakh. prom.* 42 no. 6:71-72 '68.
- Use of ultrasonic vibrations for the mechanization of the trolley-cleaning process. I. U. F. Zaita and others. *Trudy VNIIV "Magarach"* 15:131-144 '67.

664.1 Sugar industry

- All-Union Seminar on "The Improvement of Product Quality in the Sugar Industry." *Sakh. prom.* 42 no. 5:77-78 '68.
- Automation and control of inclined screw-type diffusers. I. N. Kuznetsov, *Sakh. prom.* 42 no. 1:33-37 '68.
- Bloominants of baker's yeast from wastes of flour milling, grain and confectionery production. N. I. Polagina, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:61-71 '68.
- Bleaching of potato starch with sulfite waste liquor. I. I. Iukovskii, T. A. Trubnik, G. I. Buzova, *Sakh. prom.* 42 no. 6:60-62 '68.
- Calculation of hydrolyzation for the purification of sugar. A. M. Fandyskh, *Sakh. prom.* 42 no. 6:14-16 '68.
- Calculation of the cost for one idle hour in a plant. V. G. Shilo, K. A. Perovsk, *Sakh. prom.* 42 no. 1:42-12 '68.
- Change in the properties of unrefined sugar-cane sugar during long storage. M. D. Aramidzhian, *Sakh. prom.* 42 no. 9:12-16 '68.
- Combined method for the production of crystalline glucose. S. T. Kuznetsov, *Sakh. prom.* 42 no. 1:52-57 '68.
- Conference of the workers of raw material factories for the sugar industry. K. Eberstein, *Sakh. prom.* 42 no. 9:72-74 '68.
- Decrease of the concentration polysaccharide during electrohydrolysis with ion-exchange membranes. I. I. Goulin, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:10-18 '68.
- Dovchinskii, E. A. [Theory and practice in sugar processing] *Teoriia i praktika pererabotki sakharnykh mass*. Moskva, "Pishchevaya prom-st'," 1974, 121 p.
- Determination of higher fatty acids of methyl esters by saponification. O. I. Delova, Z. B. Amersva, *Sakh. prom.* 42 no. 9:20 '68.
- Determination of the quality of liquid. H. B. Bovykin, *Sakh. prom.* 42 no. 1:17-18 '68.
- Economic reform in action. G. I. Kolomo, *Sakh. prom.* 42 no. 1:1-6 '68.
- Effect of small additions of calcium salts on the viscosity of molasses. M. I. Kuznetsov, *Sakh. prom.* 42 no. 9:7-10 '68.
- Effect of the juice level on the operation of the centrifuge during evaporation. M. I. Voznitsa, V. I. Kozlov, I. U. Kuznetsov, *Sakh. prom.* 42 no. 1:13-14 '68.
- Electrohydrolysis cleaning of hydrol. N. G. Ch. V. I. Zeldman, *Sakh. prom.* 42 no. 1:63-64 '68.
- Hydrolysis of pine wood. Immiscible emulsion method. Addition of 30-30% hydrochloric acid at 140°C. V. A. Chialov, N. V. Karimov, *Gidroliz. i leuchim. prom.* 21 no. 3:4-6 '68.
- Improvement of sugar quality by shorter cooling of molasses. E. F. Kozalov, *Sakh. prom.* 42 no. 1:11 '68.
- Improving the organization of the calculation and control of the quality of raw material. G. V. Ivanov, *Sakh. prom.* 42 no. 1:27-28 '68.
- Increased activity of lime and the effect of calcium sulfate on the quality of sugar. A. S. Kuznetsov, *Sakh. prom.* 42 no. 1:27-28 '68.
- Increased economic incentive for the introduction of capital in sugar factories. V. I. Kozlov, *Sakh. prom.* 42 no. 1:14-16 '68.
- Key Order of the Red Banner of Labor for the sugar industry. Plant named after K. Marx. V. M. Mislav, *Sakh. prom.* 42 no. 9:2-3 '68.
- Kinetics of the growth of crystal contact in the centrifuge during the crystallization of sugar in repeated cycles. V. G. Trubnik, V. I. Kozlov, *Sakh. prom.* 42 no. 1:22-26 '68.
- Lahar, T. A., and E. N. Kozlov. [Product quality in sugar syrup] *Proizvodstvo khrushchanskogo sakhara*. Moskva, "Pishchevaya prom-st'," 1967, 126 p.
- Lowering of the quality of beet in a factory. I. I. Kuznetsov, A. G. Shchegolev, *Sakh. prom.* 42 no. 8:17-18 '68.
- Method for calculating an increase of sugar yield depending on a decrease in the quality of raw material and on improvement in the quality of syrup. I. I. Mislav, *Sakh. prom.* 42 no. 1:20-23 '68.
- Method for increased storage of beets. A. A. Ivanov, N. V. Samchuk, *Sakh. prom.* 42 no. 1:13-14 '68.
- A new method for silo loading. N. K. Kozlov, *Sakh. prom.* 42 no. 1:70-71 '68.
- Nonstationary conditions of the formation of a sugar mass in supercritical solutions of water. A. V. Zhdanovskii, S. I. Kuznetsov, I. N. Levin, *Sakh. prom.* 42 no. 1:136-139 '68.
- Practice in the transportation of loose material in special cars. N. M. Kichigin, V. S. Ivanov, I. I. Mislav, *Sakh. prom.* 42 no. 9:7-11 '68.
- Practice in the use of S-17 diffusers. V. M. Trubnik, *Sakh. prom.* 42 no. 1:43 '68.
- Precision of the methodology for determining the yield and transparency of starch molasses. V. A. Chialov, N. N. Troshkov, E. K. Shchegolev, *Sakh. prom.* 42 no. 6:60-63 '68.
- Public review of an effective and economical use of raw materials, equipment and fuel. *Sakh. prom.* 42 no. 7:5 '68.
- Purification of beet sirup by electrohydrolysis. I. I. Zeldman, I. M. Lohovitsk, *Izv. vys. ucheb. zav. pishch. tekhn.* no. 1:60-62 '68.
- Rate of decomposition of inverted sugar depending on time and temperature. A. R. Supronov, *Sakh. prom.* 42 no. 9:19-23 '68.
- Reserves created by the decrease of sugar mass in molasses. V. V. Polozovsk, *Sakh. prom.* 42 no. 1:1-4 '68.
- Separation of residues from saturation juice under the effect of centrifugal forces. D. I. Skortun and others, *Sakh. prom.* 42 no. 9:27 '68.

554.1 (Continued)
 Simultaneous fractionated defecation-saturation during processing of unrefined sugar-cane sugar. Kh. I. Mischev, L. F. Bugaenko. Sakh. prom. 42 no. 9:18-19 S '68.
 Foam formation in the process of boiling glucose solutions. S. K. Zhurav, I. U. Ostrovskii. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:140-142 '68.
 Study of hydrodynamic processes in the peripheral chamber of separators. I. U. Ostrovskii, V. I. Sokolov. Sakh. prom. 42 no. 6:63-65 Je '68.
 Study of the functioning of an industrial evaporator under conditions of raised juice levels. N. I. Tobolovitch and others. Sakh. prom. 42 no. 11:11-14 Ja '68.
 Successful year for processing of beets harvested in 1968. Sakh. prom. 42 no. 9:1-4 S '68.
 System for a smooth control of the juice fed into the evaporating machinery. L. I. Kon and others. Sakh. prom. 42 no. 9:29-30 S '68.
 Technical system for formalin feeding into a diffuser. B. V. Vachetsh, A. I. Kuznetsov. Sakh. prom. 42 no. 6:39-40 Je '68.
 Thermal stability of buffer sugar solutions. L. I. Trobin, K. D. Zhurav. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:71-72 '68.
 Thermal stability of purified juices. V. A. Kolesnikov, V. A. Maksimov. Sakh. prom. 42 no. 9:23-26 S '68.
 Improve the organization of engineering and management performance in enterprises. V. A. Serdikov, E. M. Shest. Sakh. prom. 42 no. 9:35-39 S '68.
 Teple outline of the periodical "Sakharina promyshlennost'" for 1968. Sakh. prom. 42 no. 1:7-10 Ja '68.
 Use of saturation gas for the preparation of feed-water flowing into diffusion mills. D. V. Gubanov. Sakh. prom. 42 no. 9:11-13 Je '68.
 Use of semiconductor elements for the automation of inter-plant loading. V. N. Katalkin, V. M. Kunda, A. B. Gusev. Sakh. prom. 42 no. 6:11-24 Je '68.
 Using domestic cartridge-type filters for the filtration of syrup with the use of domestic kieselguhr. Sakh. prom. 42 no. 1:21-26 Ja '68.
 Utilization and repair of DMS diffusers. A. I. Nakonechny. Sakh. prom. 42 no. 1:38-42 Je '68.
 Verifying calculation of a barometric condenser. I. A. Trub. Sakh. prom. 42 no. 1:18-21 Ja '68.
 Vertical double-cascade drying apparatus. D. N. Zaporozheta. Sakh. prom. 42 no. 9:32-33 S '68.

664.1 (471.32)—Leningrad City
 Machine for paste mixing. N. M. Huzarov. Khleb. i kond. prom. 12 no. 6:31-33 Je '68.

664.1 (471.310)—Moscow City
 Reinstallation of workers depending on yearly returns. R. A. Markova. Khleb. i kond. prom. 12 no. 6:21-22 Ja '68.

664.1 (471.323)—Kursk Province
 Practice in storing beets with different content of tops. A. E. Popov. Sakh. prom. 42 no. 6:19-22 Je '68.

664.1 (471.34)—Sverdlovsk Province
 Developing an assortment of confectionery products. Z. I. Pavlova. Khleb. i kond. prom. 12 no. 6:40-41 Je '68.

664.1 (471.62)—Krasnodar Territory
 Increasing the effectiveness of sugar production in the Ust'-Labinsk plant. P. A. Koshitsenko. Sakh. prom. 42 no. 9:39-41 S '68.

664.1 (474.2)—Estonian S. S. R.
 Production of powdered confectionery sugar. A. I. Korneichuk, V. N. Zotov. Khleb. i kond. prom. 12 no. 6:35 Je '68.

664.1 (476)—White Russian S. S. R.
 New recipes for confectionery. N. A. Belokrskaya. Prom. B. no. 6:42-43 Je '68.
 Practice of the Belvich Sugar Factory on the use of SG-2 multicyclon machinery. S. Prudnichenko. Sakh. prom. 42 no. 9:58 S '68.

664.1 (477)—Ukrainian S. S. R.
 Adoption of interplant business accounting in sugar factories. M. G. Shilo. Sakh. prom. 42 no. 6:41-45 Je '68.
 First results. S. M. Fishler. Sakh. prom. 42 no. 9:34-36 S '68.
 Interiors of industrial premises. B. P. Popov. Sakh. prom. 42 no. 6:32-34 Je '68.
 Modernized winding of the VMA centrifuge rotor. K. A. Bykov and others. Sakh. prom. 42 no. 9:11-12 S '68.
 Practice in sharpening of diffusion knives at the "Krasnoshchuk" Sugar Factory. A. T. Shter, N. K. Ostapishin. Sakh. prom. 42 no. 9:31-32 S '68.
 Recommendation of the efficiency promoters of the Ukrainian sugar industry. A. Parkhedko. Sakh. prom. 42 no. 9:5-8 S '68.
 Reconstruction of the boilerroom at the Zhaevsk Sugar Factory. I. I. Vinitski, I. U. Tulchinskii, A. Kh. Marjanichuk. Sakh. prom. 42 no. 6:27-31 Je '68.
 Use of a network schedule graph in the reconstruction of a plant. A. I. Molozkov. Sakh. prom. 42 no. 6:46-47 Je '68.

664.1 (477.6)—Western Ukraine
 Some problems of enterprise finances. A. Bevizluk. Fin. SSR. 42 no. 7:40-42 '68.

664.1 (478)—Moldavian S. S. R.
 Mechanization of the preparation of lime for gas furnaces and automation of their operation. L. P. Solonuk, L. R. Dzervit. Sakh. prom. 42 no. 6:39-38 Je '68.

664.1 (479.22)—Georgian S. S. R.
 New natural dyes for the confectionery industry. A. A. Taromishvili. Khleb. i kond. prom. 12 no. 6:33-34 Je '68.

664.1 (468)—Denmark
 System for the purification of diffusion juice in the sugar factories of Denmark. D. G. Branstetter, A. I. Stapho. Sakh. prom. 42 no. 6:66-70 Je '68.

664.1 (493)—Belgium
 Filtration by "Grand Pom" principles. A. D. Blankman. Sakh. prom. 42 no. 9:57-60 S '68.

664.1 (497.1)—Yugoslavia
 Basis of the method of the Yugoslavian Institute in Novi Sad for the purification of juices. L. S. Tverdokhlebov. Sakh. prom. 42 no. 9:60-64 S '68.

664.1 (52)—Japan
 Use of ion-exchange resins in the sugar industry of Japan. G. A. Chikin. Sakh. prom. 42 no. 1:65-70 Ja '68.

664.2 Starches. Other polysaccharides
 Determination of natural prices for potatoes in the starch and molasses industry. L. N. Medvedeva. Sakh. prom. 42 no. 6:53-55 Je '68.
 Improving the technological method for processing grain for the production of starch and alcohol. T. T. Kolesnikov, A. A. Nechporovskiy, B. A. Ustinov. Sakh. prom. 42 no. 1:55-61 Ja '68.
 Mechanical processing of raw material platforms. V. V. Kozlov. Sakh. prom. 42 no. 9:53-54 S '68.
 Possibility of using modified starches in the pharmaceutical industry. V. E. Marker, E. A. Shyrovskaya, D. A. Bernatova. Sakh. prom. 42 no. 9:50-52 S '68.
 Production of bread extract on the Krimovskiy plant. A. M. Priddokko. Sakh. prom. 42 no. 9:54-55 S '68.
 Structural and mechanical properties of potato starch. A. I. Belogorova and others. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:100-107 '68.

664.3 Edible and cooking fats and oils
 Balanced moisture of sunflower seeds. E. E. Vdovkin, N. V. Trubitsyn, I. G. Korotkov. Masl. i zhir. prom. 34 no. 7:5-6 J '68.
 Decrease the expenditure of edible fats for technological purposes. I. A. Avramenko, S. M. Eselova. Masl. i zhir. prom. 34 no. 7:3 J '68.
 Designing a drive for mixers of fermentation baths taking into account angles of transmission. V. M. Lohov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:107-112 '68.
 New horizons for solvents. Masl. i zhir. prom. 34 no. 7:4-5 J '68.
 Problems of marketing edible fats in the U.S.S.R. F. A. Krutikov, L. V. Nikitina, V. K. Nefedov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:17-20 '68.
 Study of sunflower waxes. V. P. Rzhedkin and others. Masl. i zhir. prom. 34 no. 7:13-16 J '68.

664.6 Baking, bread and flour confectionery
 Biochemical and bread-baking characteristics of awnless wheat grain. N. A. Ruzitskii, I. K. Vidunova. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:22-23 '68.
 Disinfectants of baker's yeast from wastes of flour milling, grain and confectionery industries. N. K. Poligina. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:67-71 '68.
 Change of disulfide bonds and sulphydryl groups of gluten in the dough. N. N. Averkova, A. B. Vokur. Khleb. i kond. prom. 12 no. 6:6-7 Je '68.
 Food value of bread under conditions of shortened fermentation period before dough separation. R. G. Davydov, I. M. Rotter. Khleb. i kond. prom. 12 no. 6:4-6 Je '68.
 Heat exchange in the combustion chamber of the heating installation. V. I. Shuklov, V. A. Il'inski. Khleb. i kond. prom. 12 no. 6:8-10 Je '68.
 Oxygen and fermentative oxidation of lipids in grain. G. F. Lapshina, A. P. Netchayev. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:26-36 '68.
 Quality of oil cakes and groats manufactured from sunflower seeds. A. A. Lestuts. Masl. i zhir. prom. 34 no. 7:17-18 J '68.
 Reconstructing the tubular of the LMD-press. K. I. Gusekov, I. U. Kishin, E. S. Polnikov. Khleb. i kond. prom. 12 no. 6:18-20 Je '68.
 Theological properties of the emulsion for sugar cookies prepared in a vortex disperser. A. D. Prokopenko, I. M. Rotter. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:62-65 '68.
 Selection of a control device for the stabilization of the temperature medium in a baking chamber. P. M. Bessarab. Khleb. i kond. prom. 12 no. 6:10-13 Je '68.
 Study of the process of sugar solution cooling in a rotary-type film apparatus. M. B. Einger, M. M. Tolomira. Khleb. i kond. prom. 12 no. 6:16-18 Je '68.
 Study on drying boiled groats in a fluidized bed. G. I. Masloboev, P. V. Seregin. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:77-79 '68.
 Water-repellent fabrics used in the bread-baking industry. P. P. Dobrynin. Khleb. i kond. prom. 12 no. 6:36-40 Je '68.

664.6 (471.31E)—Moscow Province
 Automation system of the fermentation and dough preparation departments. A. K. Stepanov, A. I. Belinev. Khleb. i kond. prom. 12 no. 6:26-27 Ja '68.

Processing of wheat and wheat-and-rye bread with liquid semisweetened products on the N. F. Galtin machine. A. I. A. Ivanova, I. M. Plutnikov. Khleb. i kond. prom. 12 no. 6:27-29 Je '68.

664.6 (471.44)—Sarlov Province
 Selective basis of labor organization in bread-baking plants. V. I. Polkanov, A. A. Podryuzhko. Khleb. i kond. prom. 12 no. 6:24-25 Je '68.

664.6 (471.54)—Sverdlovsk Province
 Preparation of rye-and-wheat bread and wheat bread by a new method. I. G. Morshakov, M. G. Morshakov. Khleb. i kond. prom. 12 no. 6:24-25 Je '68.

664.6 (471.82)—Krasnodar Territory
 Increased recommendations. V. Spiridonov. Sots. trud. 13 no. 5:41-45 My '68.

664.6 (474.2)—Estonian S. S. R.
 The increasing rate of workers meetings. "Part. zhizn" no. 18:70 Ag '68.

664.6 (477)—Ukrainian S. S. R.
 Automation of technological processes of bread baking. G. I. Timoshenko, A. S. Iufi. Khleb. i kond. prom. 12 no. 6:46-47 Je '68.
 Mechanically performed operations on loaves of bread. I. N. Nikoshapko. Khleb. i kond. prom. 12 no. 6:30-31 Je '68.
 Seminar of the Ukrainian Board of Efficiency Promoters of the Bread Manufacturing Industry. L. E. Volynskaya, V. Z. Grigorenko. Khleb. i kond. prom. 12 no. 6:47 Je '68.

664.6 (467.1)—Yugoslavia
 Bread production in Yugoslavia. A. S. Grishin. Khleb. i kond. prom. 12 no. 6:43-46 Je '68.

664.6 (497.2)—Bulgaria
 Mechanized line for the production of wheat dough using the "Kendin" machine in Bulgaria. T. I. Malov, M. G. Lomov. Khleb. i kond. prom. 12 no. 6:11-13 Je '68.

664.7 Flour and corn milling. Grain processing
 Change in the microhardness of the lamellar layer of corn during steam treatment. N. N. Trubnikov, G. A. Egorov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:66-67 '68.
 Descending stepwise conditions of the drying of the grain of food and forage maize. A. S. Korotkov, V. I. Zhukov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:75-76 '68.
 Effect of preheating of grain on its drying process. V. I. Zhukov, V. I. Alostkov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:58-61 '68.
 Fulfill the five-year plan ahead of schedule! Zakup. sel'khoz. prom. no. 2:1-2 F '68.

664.7 (471.62)—Krasnodar Territory
 Unreasoned recommendations. V. Spiridonov. Sots. trud. 13 no. 5:41-45 My '68.

664.8 Preservation of organic products. Fruit and vegetable products
 Analyzing the organizational level of the canning industry from the standpoint of continuous operation. I. S. Barukhovich. Khleb. i kond. prom. 12 no. 6:26-28 '68.
 Biological stabilization of grape juice by sorbic acid. K. S. Popov, Z. D. Halimov. Trudy VNIIVV "Magarech" 15:177-188 '67.
 Calculation of physiological heat released by fruits and vegetables during cooling. V. Z. Zhanan. Khleb. i kond. prom. 12 no. 6:24-26 Je '68.
 Change in the amino acid composition of cucumbers in the process of thermal treatment. E. I. Polynovskiy, S. S. Shuklov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:108-109 '68.
 Drying of fruit and grapes. S. Khizantzin, A. Sardarian. Prom. Arm. 10 no. 7:38-41 '68.
 Effect of sorbic acid on the deterioration stimulants of red and black currant juices. K. A. Andreyeva, V. A. T. N. Melnikova. Khleb. i kond. prom. 12 no. 6:33-36 Je '68.
 Enzymatic method for the determination of chlorophyll in grapes and grape juices. S. I. Balk, O. A. Timofeeva. Khleb. i kond. prom. 12 no. 6:33-36 Je '68.
 Formula selection for the sterilization of canned foods. A. A. Sokolov, Kanak' Il'inski. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:84-87 '68.
 Heat exchange in the evaporation of tomato products in a descending film. I. I. Taubman, M. L. Mal'nev, E. D. Beronik. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:155-160 '68.
 Importance of the temperature and duration of sterilization. M. S. Aminov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 1:104-106 '68.
 Isolations of the desorption of vegetables and fruits. I. T. Krolav, A. I. Pleshkov. Izv. vyz. ucheb. zav. pishch. tekhn. no. 2:183 '68.
 Mechanized calculation of raw material preparations. I. I. Oshchenko, A. I. Stankov. Khleb. i kond. prom. 12 no. 6:29-30 '68.
 Seminar on the quality of raw materials for canned goods. I. I. Veronov. Khleb. i kond. prom. 12 no. 6:43 '68.
 Socialist obligation of the personnel of enterprises of the Main Administration of the Canning Industry of the Ministry of the Food Industry of the R. S. F. S. R. on the fulfillment ahead of schedule of the plan for 1969 and of the five-year plan. Khleb. i kond. prom. 12 no. 6:5-6 '68.

D. N. Tmonov, V. S. Aliev, Kh. T. Mamedov
tekhn. topl. i masel 13 no. 7: 7-10 '68.

Continued

acids: amides of phenyl- and alkylphenylphosphoric acids as lubricant additives. I. M. Orudzheva, *Sov. Azerb. nef. khoz.* 47 no. 6:36-37 '68.

keresene distillates of Arlan petroleum, chemical and physical properties. *Izv. vys. uch. zav. i nauch. issled.* 46 no. 4:41-46 '68.

taille conversion of gasoline fractions of Arlan petroleum. N. A. Albasova and others. *Sov. Azerb. nef. khoz.* 47 no. 6:31-33 Je '68.

problems of the development of the petroleum industry. A. P. Ibragimov. *Neftekhim* 13 no. 6:1-6 '68.

mathematical methods and models in planning the petroleum industry. Matematicheskie metody v planirovani neftepromyshlennosti. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

problems of statistical dynamics for determining characteristics of an extruder in the production of polyethylene. M. G. Guseinov, S. M. Bagajev, and others. *Zh. tekhn. prog.* 5 no. 7:1-4 Ji '68.

influence of the influence of heat treatment on the properties of the extruded modification of polyethylene. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(470.104)—Capitalist countries of the world. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.310)—Moscow City. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.341)—Corky Province. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

65.5(471.52)—Bashkir A. S. S. R. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

Increasing the heat resistance of glass by treatment in an alkaline solution. V. I. Vakhrameev, A. K. Iosadnikov, K. S. Evstropiev. *Sov. Azerb. nef. khoz.* 47 no. 6:11-13 Je '68.

Method for evaluating the level of labor organization in the glass industry. G. Chubarov. *Sov. Azerb. nef. khoz.* 47 no. 6:11-13 Je '68.

Movement of the glass batch and its crystallizing properties. I. O. Sternik, V. V. Solomin. *Sov. Azerb. nef. khoz.* 47 no. 6:11-13 Je '68.

Regulation of the spreading of bubbles in the glass mass in thermal-type tank furnaces. N. A. Ponomarev, I. A. Ponomarev, L. A. Kashtanova. *Sov. Azerb. nef. khoz.* 47 no. 6:11-13 Je '68.

Utilizing the heat radiated by a glass furnace bottom. M. F. Krasnitskiy. *Sov. Azerb. nef. khoz.* 47 no. 6:11-13 Je '68.

Verification diagram in the system $\text{Na}_2\text{O} - \text{B}_2\text{O}_3 - \text{SiO}_2$. M. A. Bezborodov. *Dokl. AN BSSR* 12 no. 7:633-642 Ji '68.

ZS-1 batch chargers. N. A. Shirokov. *Sov. Azerb. nef. khoz.* 47 no. 6:40-41 Je '68.

666.1(44)—France

French Saint-Gobain Glass Plant. A. I. Gor. *Av. prom.* 34 no. 4:12-13 Ji '68.

666.1(477)—Ukrainian S. S. R.

Plans will be realized. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

666.1(478.25)—Armenian S. S. R.

Cellular glass made from lallings of the Kachharan Copper Molybdenum Combine. I. Ovaranova, A. Elliazian. *Prom. Arm.* 10 no. 7:33-34 '68.

666.1(52)—Japan

Carbon glass. *Prom. Arm.* 10 no. 7:81 '68.

666.2 Enamel and glaze

Crystallized glass enamel on a lithium metasilicate base. L. I. Vozel. *Sov. Azerb. nef. khoz.* 47 no. 6:19-22 Je '68.

Effect of the changes of CaO content on physicochemical properties of titanium glaze coatings of enamel. I. Azimov, A. D. Ibrakhodzhova. *Uzb. khim. zh.* 12 no. 2:23-25 '68.

Claying of wall panels at plants. I. A. Gervid and others. *Tr. Vsesoyuzn. nauch. konf. "Nauka."* 1967, 255 p.

Luminescence of cadmium selenide glasses. G. A. Karapetian, A. L. Ruzhanskii, D. M. Ustin. *Prom. khim. reak. i osobo chist. veshch.* no. 8:202-207 '67.

Study of effect of change in alumina content on the physicochemical properties of isotropic opaque glazes. R. N. Guseinov and others. *Uzb. khim. zh.* 12 no. 1:14-19 '68.

Use of a daylight fluorescent colors for improving visibility of the airplanes of civil aviation. I. S. Karimova, Y. K. Matveev, A. M. Khomusov. *Prom. khim. reak. i osobo chist. veshch.* no. 8:284-289 '67.

666.3 Clay and ceramic ware

Improving the quality of Lethroom fixtures. P. N. Khromov. *Sov. Azerb. nef. khoz.* 47 no. 6:25-26 Je '68.

Special ceramics. Transactions of the Symposium of the Russian Ceramics Society. A translation. *Spezial'naia keramika. Trudy simpoziuma Russkogo obshchestva keramicheskikh nauch. i tekhn. issled.* 1968, 160 p.

Stability of swollen porlite in a medium of solidifying Portland cement. P. P. Rudnikov, O. A. Kuznetsov, O. G. Pashchenko. *Dokl. AN USSR. Ser. B* 39 no. 7:646-649 Ji '68.

Strength of quartz ceramics as influenced by caking and crystallization. P. P. Rudnikov, I. U. E. Pivinskii, F. T. Gorobets. *Dokl. AN BSSR* 12 no. 6:441-444 Je '68.

666.3(471.310)—Moscow City

Introducing a spray dryer at the Moscow ceramic tile plant. N. S. Belykh, M. G. Naidin, M. I. Sabat. *Sov. Azerb. nef. khoz.* 47 no. 6:23-24 Je '68.

666.5 Porcelain and china

Effect of the conditions of ending porcelain insulators on the quality of the ground surface of semifinished products. A. I. Avgustin, G. I. Panchov. *Sov. Azerb. nef. khoz.* 47 no. 6:31-33 Je '68.

Expanding the production of high voltage line insulators. Improving their quality and operational reliability. A. V. Ibragimov, A. V. Stern. *Sov. Azerb. nef. khoz.* 47 no. 6:39-40 Je '68.

Heat resistance of porcelain. I. I. Storoz. G. G. Sarkisev. *Sov. Azerb. nef. khoz.* 47 no. 6:27-30 Je '68.

Removal of soluble carbonate salts from small fractions of porlite. I. G. Kizantsev, A. A. Alizberg, R. A. Mamoladze. *Sov. Azerb. nef. khoz.* 47 no. 6:30-31 Je '68.

Using Migya pegmatites as a feldspar raw material for high voltage electric porcelain. Z. Kh. Varlanova, G. F. Dorevagin, N. P. Leshchenko. *Sov. Azerb. nef. khoz.* 47 no. 6:34-36 Je '68.

666.6 Pottery

Effect of bentonites of different deposits on technological and ceramic properties of fired tiles. G. V. Kozlov, N. T. Orudzheva. *Izv. vys. uch. zav. i nauch. issled.* 46 no. 5:552-557 '68.

Effect of ferric oxide on the production of keramzolit of a given volumetric weight from various types of raw materials. A. V. Lifshits, L. N. Popov. *Sov. Azerb. nef. khoz.* 47 no. 5:27-30 My '67.

666.7 Heavy clayware and refractories

Automatic control of the equipment for the preparation of clay wash. I. R. Vasil'nev. *Ogneupr.* 33 no. 4:18-19 Ap '68.

Basic high-refractory "merit" with an addition of open-hearth scrap. M. N. Koshcheva, M. A. Matveyev, M. I. Petrova. *Ogneupr.* 33 no. 4:20-21 Ap '68.

Calculating the optimal drying regime in tunnel dryers. M. A. Draz. *Sov. Azerb. nef. khoz.* 47 no. 7:22-24 Ji '67.

Determination of refractories in the blast furnace attack. A. V. Gerasimov, I. M. Gilevich. *Ogneupr.* 33 no. 4:25-26 Ap '68.

Determining the porosity of refractory materials under destruction. S. T. Baluk, G. M. Lavrovskaya, V. N. Tausch. *Ogneupr.* 33 no. 4:8-11 Ap '68.

Refractory refractories and problems of the profitability of production. A. T. Serepov. *Ogneupr.* 33 no. 4:12-13 Ap '68.

Effect of additions of barium nitrate on certain properties of alumina-silicate refractories. S. G. Tsvetkovskii and others. *Ogneupr.* 33 no. 4:36-39 Ap '68.

Effect of the viscosity of resin on the properties of resin-bonded magnesite refractories. T. Z. Alexandrov, I. B. Pankratova. *Ogneupr.* 33 no. 4:39-44 Ap '68.

Efficiency of creating losses from brick panels. L. P. Perepashkin. *Sov. Azerb. nef. khoz.* 47 no. 7:10-11 Ji '67.

Gas permeability of green membranes in electrolytic cells for magnesium production. G. N. Solov'ev. *Ogneupr.* 33 no. 4:50-52 Ap '68.

Increasing the frost resistance of brick and tile. I. I. Yanovskii. *Sov. Azerb. nef. khoz.* 47 no. 7:31 Ji '67.

Interaction of refractories with scale and oxidizing steel. B. V. Plak, V. A. Anisimov. *Ogneupr.* 33 no. 4:23-26 Ap '68.

Finestones and dolomites from Chuvash deposits in the production of magnesium oxide linings. G. V. Yanovskii and others. *Ogneupr.* 33 no. 4:26-28 Ap '68.

Mechanized removal of ceramic blocks and drainpipes from a press. N. P. Golod. *Sov. Azerb. nef. khoz.* 47 no. 8:28 Ag '68.

Microstructure of porous periclase-apicalite refractories. P. P. Rudnikov and others. *Dokl. AN BSSR* 12 no. 6:662-664 Ji '68.

New refractories. N. A. Toropov. *Vest. AN BSSR* 38 no. 3:38-40 Mr '68.

Return water in systems of wet purification of air from dust. I. S. Guseinov, A. M. Levina. *Ogneupr.* 33 no. 4:45-48 Ap '68.

Scarfing mechanism. L. P. Darnovskii. *Sov. Azerb. nef. khoz.* 47 no. 8:20-21 Ag '68.

Studying phase transformations in a mixture of aluminum oxide and copper oxide. A. I. Bessonov, V. N. Shibaev, D. A. Tsvetkov. *Ogneupr.* 33 no. 4:48-51 Ap '68.

Suspension of a crane conveyor. N. I. Oragan. *Ogneupr.* 33 no. 4:52 Ap '68.

Using clinkers in the upper zone of air preheater chambers in blast furnaces. K. I. Kostov and others. *Ogneupr.* 33 no. 4:31-35 Ap '68.

Work according to the scientific organization of labor in enterprises of the "Ogneupr." I. T. Haidagov. *Ogneupr.* 33 no. 4:11-13 Ap '68.

666.7(437)—Czechoslovakia

Preparing a compact magnesite powder from fly ash of rotary kilns. I. Serepov. *Ogneupr.* 33 no. 4:56-58 Ap '68.

666.7(471.54)—Sverdlovsk Province

Physicochemical products from fired magnesite Mountain bricks. V. A. Bessonov and others. *Ogneupr.* 33 no. 4:4-6 Ap '68.

666.7(477)—Ukrainian S. S. R.

Automatic control and regulation of the drying of colored brick in compartment kilns. A. I. Liorova, V. N. Zaporozhskaya. *Sov. Azerb. nef. khoz.* 47 no. 6:11-13 My '67.

Conditions for improving the drying of colored brick. I. A. Bikhshinov. *Sov. Azerb. nef. khoz.* 47 no. 7:24-25 Ji '67.

666.7(477.6)—Donetsk Basin

At the Borovichi Refractories Combine. D. A. Mikhlin. *Ogneupr.* 33 no. 4:53 Ap '68.

At the Panticopol'skaya Refractories Plant named for Karl Marx. M. K. Solov'ev. *Ogneupr.* 33 no. 4:54 Ap '68.

666.7(574)—Kazakh S. S. R.

Using organosilicon compounds for imparting hydrophobic properties to bricks susceptible to frost action. I. A. Samukha. *Sov. Azerb. nef. khoz.* 47 no. 5:33-34 My '67.

666.7(575)—Central Asia

Using organosilicon compounds for imparting hydrophobic properties to bricks susceptible to frost action. I. A. Samukha. *Sov. Azerb. nef. khoz.* 47 no. 5:33-34 My '67.

666.8 Gypsum and other plasters

Economic effectiveness of using asbestos cement pipes for gas pipelines. E. L. Davydova, V. Sh. Rabinovich. *Sov. Azerb. nef. khoz.* 47 no. 5:20-21 My '67.

Feldspar sand nucleate products and their properties. K. K. Kuznetsov. *Sov. Azerb. nef. khoz.* 47 no. 8:33-35 Ag '68.

Manufacture and use of small autoclave wall blocks. V. V. Makarchikov, I. A. Reikar, P. V. Eving. *Sov. Azerb. nef. khoz.* 47 no. 7:16-17 Ji '67.

Porous concrete stones in low-story construction. N. I. Levin. *Sov. Azerb. nef. khoz.* 47 no. 7:17-18 Ji '67.

- Structural gypsum as a by-product from the production of boric acid. M. F. Chebukov, L. P. Ignat'eva. *Stroitel. mat.* 14 no. 8:27 Ag '68.
- Plends in the development of lime and gypsum industries. *Stroitel. mat.* 13 no. 5:35-36 My '67.
- 686.9 Lime, cement, mortar, concrete**
- Adapting the production of sulfate-resistant portland cement. I. A. Shchegolev, M. S. Zargalshin, A. I. Kor-Ogly. *Tsiment* 12 no. 4:16-17 Il-Ag '66.
- Analysis of static characteristics of a grain cooler. G. E. Golman and others. *Nauch. soob. NITSSemena* no. 19:13-16 '65.
- Automating processes for thermal curing of reinforced concrete products. V. P. Porozov. *Mekh. stroit.* 25 no. 7:20-21 JI '68.
- Basic principles and methods of speeding up concrete hardening. G. P. Molodtsov, P. A. Petrov, A. V. Litvinov, M. G. Kolesnikov, Trudy KHIT no. 86:18-20 '66.
- Hotlar use of equipment. L. M. Sagal. *Tsiment* 32 no. 4:19-20 JI-Ag '66.
- Burning of cement clinker in a multisage kiln with a pulsating fountain effect. V. K. Khokhlov, I. T. El'perin. *Nauch. soob. NITSSemena* no. 19:5-11 '65.
- Calculating reinforced concrete with the aid of the moment theory of elasticity. G. A. Tuplin. *Stroitel. mat.* 14 no. 3:30-32 '66.
- Carrying capacity of keramzite concrete columns under eccentric compression. A. A. Koshcheyev, A. M. Mamed-Zade. *Bel. izh. bel. bet.* 14 no. 5:39-40 Iz '68.
- Cellular structures made of prefabricated reinforced concrete slabs. I. A. Landau, L. L. Levitskii. *Gidr. stroit.* 38 no. 9:13-15 S '66.
- Combining jobs for diversified machinery servicing in the cement industry. A. M. Bekozov, S. I. Ilin. *Nauch. soob. NITSSemena* no. 21:50-54 '66.
- Conference on lightweight concrete in Penza. I. A. Ivanov. *Bel. izh. bel. bet.* 14 no. 5:46-47 Iz '68.
- Decreasing the harmful effect of vibration on the working personnel. S. M. Starostin, A. A. Adamchik, M. S. Dorov. *Mekh. stroit.* 23 no. 7:5-6 JI '68.
- Determining the lower limit of the carrying capacity of slabs. B. M. Mirzabekian. *Stroitel. mekh. i soob. stroit.* 10 no. 3:21-23 '68.
- Development of physicochemical concepts in concrete technology. K. A. Adamchik. *Sbor. nauch. rab. DVNIS* no. 6:227-232 '64.
- Effect of a reduced gas atmosphere on the clinkering process during rapid high temperature burning. P. P. Belikov, A. I. Glukhov, G. A. Fedorov. *Nauch. soob. NITSSemena* no. 17:17-19 '65.
- Effect of boundary conditions on the thermal stability of cement raw material granules during their drying. V. K. Khokhlov, V. A. Shtegman. *Nauch. soob. NITSSemena* no. 3:11-13 '66.
- Effect of hydrothermal treatment on the weather resistance of concrete. I. Kh. Kolontarov, A. I. Stravchinskii. *Uzb. khim. zhur.* 12 no. 2:60-63 '68.
- Effect of methods of preparing and packing a concrete mix on the quality of concrete for reinforced concrete structures. A. I. Podvinig. *Trudy KHIT* no. 86:31-36 '66.
- Effect of moisture content in keramzite concrete products on their heating time during heat-moisture treatment. M. T. Sidatkin, A. D. Maslakov. *Bel. izh. bel. bet.* 14 no. 5:11-18 My '68.
- Effect of saturated organic acids on intensification of grinding of white portland cement and its properties. A. N. Grach'ina, G. N. Dovydykova, I. I. Mandrykin. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4:460-452 '68.
- Effect of sodium aluminofluoride on firing aluminum-belite cement. M. G. Gullayov, I. S. Kuvshinovskii, F. Karlova. *Uzb. khim. zhur.* 12 no. 2:75-77 '68.
- Effect of technological factors on the electrical conductivity of concrete. A. A. Starostin, Trudy KHIT no. 86:37-43 '66.
- Effect of the temperature during the hardening of concrete on the increase of its instantaneous volumetric modulus. P. I. Vasil'ov, I. I. Romanov. *Izv. VNIIG* 75:123-141 '64.
- Effect of the wedging out by water on changes in the strength of concrete during cyclic saturation by a KCl salt solution. I. N. Abduvov, E. P. Dvornik. *Dokl. AN BSSR* 12 no. 5:419-423 My '68.
- Effectiveness criterion of technical progress and capital investments. S. I. Ilin. *Nauch. soob. NITSSemena* no. 19:51-55 '65.
- Efficient products from lightweight concrete should be widely used. N. A. Korovin. *Bel. izh. bel. bet.* 14 no. 5:1-3 My '68.
- Electric heat treatment of wall panels made from lightweight concrete. S. F. Bugrim, F. I. Slopukurov. *Bel. izh. bel. bet.* 14 no. 5:32-33 My '68.
- Electrostatic precipitator for continuous cleaning. M. A. Trof'jak, S. I. Khilrik. *Stroitel. mat.* 14 no. 8:12-13 Ag '68.
- Experimental study of designs of reinforced concrete gates for hydraulic structures on irrigation canals. E. P. Martyn, V. A. Voznesenskii. *Trudy Giprovdokhoza* no. 21:34-43 '62.
- Filter fabrics and filters for dust removal from hot gases. V. G. Bait, R. F. Chesnokov. *Nauch. soob. NITSSemena* no. 19:22-31 '65.
- Heat resistant lightweight and aerated concretes. K. D. Moksinov, M. G. Maslennikov, A. P. Tarasova. *Bel. izh. bel. bet.* 14 no. 5:10-12 My '68.
- High-strength lime concrete. K. A. Adamchik, D. I. A. Skorik. *Sbor. nauch. rab. DVNIS* no. 6:236-238 '64.
- Hydration of granulated blast furnace slags in overheated aqueous solution. A. A. Govorov, A. I. Bulinov, D. F. Novokhotkii. *Stroitel. mat.* 14 no. 8:22-23 Ag '68.
- Hydration properties of mersikite, klapakite, rhodokite, and apatite. V. S. Gorshkov. *Stroitel. mat.* 13 no. 5:31-32 My '67.
- Improving technological flexibility in reinforcement production. V. V. Korolev. *Mekh. stroit.* 25 no. 7:9-11 '68.
- Intercompartment dividers in tube cement mills. G. S. Kryukhin. *Nauch. soob. NITSSemena* no. 21 '66.
- Isomorphism substitution of magnesium in synthetic barium fluorophosphate. S. I. Trosnitskiy, V. G. Tachchenko, H. S. Lugovskaya. *Dop. AN USSR* Ser. B 30 no. 7:649-652 JI '68.
- Keramzite concrete for marine hydraulic structures. K. M. Kats, L. A. Muntan'seva. *Bel. izh. bel. bet.* 14 no. 5:15-17 My '68.
- Keramzite concrete under the action of repeated loads. S. A. Maslov. *Bel. izh. bel. bet.* 14 no. 5:41-42 My '68.
- Labor consumption for the production of cement in the national economy and methods of its determination. V. I. Voznesenskii. *Nauch. soob. NITSSemena* no. 21:54-58 '66.
- Laboratory device for testing the properties of concretes in thermal processing. V. A. Fedorov, V. F. Rukostislarskii, L. A. Mikhlin. *Stroitel. mat.* 13 no. 7:37 JI '67.
- Lining for a spillway canal made of precast reinforced concrete. R. A. Lakhitov. *Trudy Giprovdokhoza* no. 21:19-22 '62.
- Mechanized use of metallurgical slag. V. I. Dergopol. *Stroitel. mat.* 14 no. 8:17-18 Ag '68.
- Methods of determining economic efficiency of the production of portland cement. P. R. Shvetskiy, N. A. Kulakova. *Nauch. soob. NITSSemena* no. 21:46-50 '66.
- Methods of determining the porosity of hardened cement paste. O. P. Molodtsov, P. A. Petrov, P. A. Uginchuk. *Nauch. soob. NITSSemena* no. 21:34-42 '66.
- Minia. A. B., and V. A. Fateev. [Using radioengineering methods for automating the quality control of building materials] *Avtomatizatsiya kontrolya kachestva stroitel'nykh izdelii radioelektronicheskimi metodami*. Leningrad, 1967, 21 p. (Leasing, down payment, propaganda, Serials "Stroitel. materialy i konstr. ustroystva").
- Mobile asphalt concrete mixer. *Zhurnal. kom. khoz.* 10 no. 2:21 F '68.
- Modern technology of concrete pertaining to hardening of mineral binding materials. P. P. Molodtsov, P. A. Petrov. *Trudy KHIT* no. 86:4-8 '66.
- Ported charging devices improve the performance of shaft kilns. N. P. Tabunashnikov. *Stroitel. mat.* 13 no. 7:8-10 JI '67.
- Physical principles of the effect of cement water factor on the strength of concrete. H. A. Molodtsov. *Izv. VNIIG* 75:217-224 '64.
- Physicochemical properties of the material being burned in a rotary kiln. I. M. Bul, V. V. Tinashev, H. S. Al'khata. *Nauch. soob. NITSSemena* no. 10:10-22 '65.
- Piezoelectric transducers for pulse testing of reinforced concrete elements. V. M. Maslov. *Trudy SoluzhNar. NII Proekt* no. 19:123-128 '66.
- Plastic strength of cement paste and the strength of cement stone as dependent on clinker composition. I. R. Alababzhan. *Izv. VNIIG* 75:203-220 '64.
- Power line poles for mountainous regions. V. Sh. Kalandadze. *Bel. izh. bel. bet.* 14 no. 5:37-39 My '68.
- Precompression of porous aggregate and its tensile modulus in structural lightweight concrete. I. A. Ivanov, N. I. Makridis. *Bel. izh. bel. bet.* 14 no. 5:26-31 My '68.
- Preparing the raw material slurry from plastic materials. G. S. Kryukhin. *Nauch. soob. NITSSemena* no. 21:11-15 '66.
- Prepressed members made of high-strength oggiporite concrete. M. M. Brahill, D. B. Velner. *Bel. izh. bel. bet.* 14 no. 5:17-20 My '68.
- Processing blast furnace slags with three slag recovery of metal. V. A. Uteshev, V. R. Chulok. *Stroitel. mat.* 14 no. 8:18-19 Ag '68.
- Production of large panels made from aerated concrete. A. G. Netman, V. A. Bol'shinskiy. *Bel. izh. bel. bet.* 14 no. 5:34-35 My '68.
- Production of white portland-cement from blast-furnace and ferrochromium slags from electric arc furnace. I. V. Kravchenko, N. G. Toluchko, V. A. Dmitrieva. *Nauch. soob. NITSSemena* no. 19:31-37 '65.
- Proposed standards on crack limits in hydraulic structures considering their durability. G. D. Tsekrol, G. P. Verbitskii. *Gidr. stroit.* 36 no. 6:38-42 Jo '68.
- Quick analysis of cinders. V. V. Myshlitsa, T. A. Osokina, T. M. San'ko. *Nauch. soob. NITSSemena* no. 21:30-34 '66.
- Regulation of the circulation of alkalies in kilns with cyclone heat exchangers. I. V. Kravchenko and others. *Nauch. soob. NITSSemena* no. 21:15-20 '66.
- Role of aggregates in the formation of the concrete structure. P. A. Mel'nikenko. *Trudy KHIT* no. 86:9-17 '66.
- Role of phase state of water in the formation of the electrical properties of cement concrete. A. A. Starostin, S. I. Chervinskii. *Trudy KHIT* no. 86:59-55 '66.
- Selection of optimal temperature conditions of mass concrete blocks rigidly fastened to their foundation. A. V. Shvortsov, V. D. Dubinga. *Gidr. stroit.* 37 no. 12:38-42 D '68.
- Shifty sand as concrete aggregate. V. S. Gladkov, F. M. Ivanov. *Stroitel. mat.* 13 no. 5:22-23 My '67.
- Special devices for producing hollow concrete blocks. M. T. Larianov. *Mekh. stroit.* 26 no. 7:10-17 JI '68.
- Special features of the mixture of loesslike loams in lobed mixers. V. V. Poroshin, V. V. Strolov. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 4:608-603 '68.
- Spectral determination of magnesium oxide in cement manufacture materials. I. S. Malin and others. *Nauch. soob. NITSSemena* no. 21:28-30 '68.
- Standardization of elastic modulus of lightweight concretes. G. D. Tsekrol, A. D. Prudov. *Bel. izh. bel. bet.* 14 no. 5:28-29 My '68.
- Strength of cement stone and concrete in the water-saturated state. I. N. Akhmetov, L. D. Dekler. *Dokl. AN BSSR* 12 no. 6:508-509 Jo '66.
- Study of equalities of vibration characteristics of concrete mixtures taking their structural-physical properties into account. B. A. Ispatnikov, G. V. Tikhonov. *Koll. zhurn.* 29 no. 6:829-835 N-I '67.
- Study of stresses in reinforced concrete ties. V. I. P. Trudy KHIT no. 86:44-49 '66.
- Studying strength characteristics of reinforced concrete beams for roofing industrial buildings. V. M. Karakev, A. I. Ardeev. *Sbor. nauch. rab. DVNIS* no. 6:43-48 '64.
- Studying the heat exchange process in chain examples of rotary kilns. A. F. Meshik. *Nauch. soob. NITSSemena* no. 19:1-9 '65.
- Studying the technological properties of white slurry. P. P. Budnikov, M. G. Toluchko, L. I. A. Ispatnikov. *Nauch. soob. NITSSemena* no. 10:48-49 '65.
- Sulfate stability of portland cement of the Azerbaijan Plant. G. V. Galkina. *Uzb. khim. zhur.* 2 no. 1:1-4 '68.
- Synthesis and kinetics of the formation of polyaluminum silicate. B. M. Ungomolov, A. N. Nizkov, T. I. Galt'yeva. *Nauch. soob. NITSSemena* no. 41:42-45 '60.
- Trends in the development of lime and gypsum industries. *Stroitel. mat.* 13 no. 5:35-36 My '67.
- Ultrasonic detection of flaws in the joints between precast and cast-in-place members of a ligatured structure. A. M. Il'inskiy, V. R. Solonov. *Gidr. stroit.* 31 no. 7:10-23 JI '68.
- Unit for vertical vibration testing of concrete structures. I. P. Egorov. *Mekh. stroit.* 24 no. 6:22 Jo '67.
- Use of keramzite concrete in bridge building. K. P. Dellov, G. P. Kuraganov, D. N. Agoev. *Bel. izh. bel. bet.* 14 no. 5:3-5 My '68.
- Use of lightweight concrete in large panel construction of residential buildings. N. A. Spivak. *Bel. izh. bel. bet.* 14 no. 5:6-8 My '68.
- Use of photogrammetry method for the quality control of clinker. T. V. Kuznetsova, N. I. Sholovin, B. T. Krivoborodov. *Nauch. soob. NITSSemena* no. 19:41-41 '65.
- Use of photograms for the selection of a technological scheme for the freezing of mineral materials. A. V. Shvortsov, V. A. Solov'ev. *Khim. zhurn.* 29 no. 6:841-845 N-I '67.
- Use of slag portland cement and pozzolanic portland cement in concrete for non-resistant parts of hydraulic structures. V. V. Sushchikov, V. I. Sudakov, G. V. Monozov. *Izv. VNIIG* 75:41-102 '64.
- Using polymer cement in oil and gas well casing. A. A. Anisullov, H. B. Tagiev. *Izv. vys. ucheb. zav. i khim. i khim. tekhn.* 11 no. 3:24-28 '68.
- Vibration installation for casting extra-long reinforced concrete structures in stand molds. L. S. Ryzhikova. *Mekh. stroit.* 23 no. 7:18-18 JI '66.
- Volume deformations of autoclaved portland cement. T. S. Lavronova, P. L. Gikol, K. S. Akimov. *Uzb. khim. zhur.* 12 no. 1:12-13 '68.
- X-ray method of determining porosity and bulk density. A. A. Chernikavskii, V. P. Il'iazin. *Nauch. soob. NITSSemena* no. 21:25-26 '68.
- 006.0 (471.318)—Kaluga Province**
- Basic technological parameters of cyclone heat exchanger performance at Spas Cement Plant. I. V. Kuvshinov and others. *Nauch. soob. NITSSemena* no. 21:3-6 '65.
- 006.0 (471.52)—Baskir A. S. S. R.**
- Production of quick-hardening portland-cement in Shorlinskak Soda-Cement Combine. V. I. Pavlov, V. M. Kolesovskaya. *Nauch. soob. NITSSemena* no. 19:38-40 '65.
- 006.0 (474.2)—Estonian S. S. R.**
- Gill shale as the raw material component in the production of portland cement. N. I. Oleskevich, M. A. Noormata. *Nauch. soob. NITSSemena* no. 21:6-11 '65.
- 006.0 (477)—Ukrainian S. S. R.**
- Production of cement panels made of reinforced concrete at plants of the Ukrainian S. S. R. F. V. Ignatyashenko. *Trudy Giprovdokhoza* no. 21:94-98 '62.
- 006.0 (479.25)—Armenian S. S. R.**
- Interaction of foamed perlite with binders during the hardening of lightweight concretes. B. N. Vinogradov. *Stroitel. mat.* 13 no. 7:26-27 JI '67.
- Reclamation of residual indolene and copper from tailings with concurrent manufacture of Portland cement. M. Zurnachian, T. Osipova. *Prom. Arm.* 10 no. 7:41-45 '68.
- 006.0 (571.63)—Maritime Territory**
- Gas-nash concrete from local raw materials of the Maritime Territory. D. I. Skorik. *Sbor. nauch. rab. DVNIS* no. 6:233-235 '64.
- 006.0 (575.1)—Uzbek S. S. R.**
- Mechanization of concrete work at the construction of the Andizhan Dam. E. F. Freigotov. *Mekh. stroit.* 23 no. 10:4-8 O '66.
- 006.0 (575.2)—Kirghiz S. S. R.**
- Possibility of using Shu-Terek basalt as an active mineral admixture in portland cement. S. G. Karakhandi, V. A. Rakhmatullin. *Nauch. soob. NITSSemena* no. 10:50-61 '65.
- 667 Color Industries. Dyes. Paints**
- Assortment of dyes and methods for dyeing. A. M. Rodionov. *Kozhev. olinv. prom.* 10 no. 6:10-13 '68.

- 689.046 (Continued)
Effect of certain factors on the carrying away of materials with gases from cyclone smelting. V. O. Budan. Trudy Inst. met. i obogashch. AN Kazakh SSR 33:38-61 '88.
- Efficient control of the chemical composition of steel following electroslag and vacuum remelting. V. N. Joffe and others. Zav. lab. 34 no. 5:628-630 '88.
- Improving the method of determining the relative activity of oxygen in fused slags by the electromotive force method. L. I. Rudchenko and others. Sbor. tr. TSNIICM no. 56:57-68 '87.
- Kinetics of carbon oxidation from molten iron by carbon dioxide mixtures. V. P. Mokrova, N. N. Perovalev, O. V. Travlin. Sbor. tr. TSNIICM no. 56:18-25 '87.
- Production of white Portland-slag cement from blast-furnace and ferrochromium slags from electric arc furnace. E. V. Kravchenko, M. G. Tolochkova, V. A. Dmitrieva. Nauch. soob. NITSEmenia no. 19:31-37 '85.
- Speed of ultrasonic waves and compressibility in molten slags of the system $\text{CaO}-\text{SiO}_2$. V. V. Batdov, L. I. Gal'tsev, L. L. Kuntin. Sbor. tr. TSNIICM no. 56:42-46 '87.
- Study of conditions for burning out carbon in metals and alloys without using a flux. A. I. Orzhikhovskiy and others. Zav. lab. 34 no. 5:518-521 '88.
- Studying the dynamics of decarburization of the open-hearth furnace bath. G. M. Galanin and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:38-41 '88.
- Studying the rate and degree of oxidation (corrosion) of iron sulfide during flame burning. V. G. Shumovskiy, I. I. Penelmonzh, A. L. Tseft. Trudy Inst. met. i obogashch. AN Kazakh SSR 33:75-81 '88.
- Studying the rate of oxidation of molten iron sulfides. Report No. 2. I. I. Penelmonzh, N. S. Grishchinskaya. Trudy Inst. met. i obogashch. AN Kazakh SSR 33:62-74 '88.
- Ultrasonic heating of metals. I. U. F. Babayev, V. S. Postnikov. Fiz. i khim. obr. nat. no. 2:117-119 Mr-Apr '88.
- Unit for studying the kinetics of separation of gases from metal in a vacuum. B. V. Luchevskiy, A. L. Sobolevskiy, P. P. Edneral. Zav. lab. 34 no. 5:627 '88.
- Viscosity and mineralogical composition of natural fluoride-containing high-magnesium slags. N. L. Zhilov and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:30-31 '86.
- 689.1 Ferrous metals. Iron. Steel.
At the 5th Congress of the Scientific Technological Society for Ferrous Metallurgy. Ogonnopyr 33 no. 1:1-3 Apr '88.
- The bank and the enterprise under the new conditions. A. Karpuv, L. Chervichenko. Don. kred. 26 no. 7:28-30 Ji '88.
- Desulfurization during the pelletizing of iron ores. I. S. Usafin, T. A. Glogoblanin. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:20-23 '88.
- Economic significance of optimizing the fuel and power balance in metallurgical plants. V. A. Romanets, A. A. Fedotov, N. I. Perlov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:178-182 '88.
- Effect of extension of the term overlappings on control endurance of improved steels. D. N. Hestelov, I. K. Gaudich. Vest. mashinost. 48 no. 2:14-16 F '88.
- Effect of the degree of oxidation of a metallic melt on the kinetics of desulfurization by solid slags. S. I. Parshin, O. V. Travlin. Sbor. tr. TSNIICM no. 56:33-36 '87.
- Equipment for measurement of the rate of dissolution in metallurgical melts. V. V. Dymov, I. A. Evluchkina. Sbor. tr. TSNIICM no. 56:53-56 '87.
- Flashless die forging of high-speed tool blanks. A. Maslov, B. Tselin. Stan. i met. 39 no. 3:41-42 Mr '88.
- Influence of plastic deformations and residual stresses on the steel resistance to rupture at low temperatures. V. A. Vinokurov, M. N. Samirikhin. Avtom. svur. 20 no. 4:1-5 Apr '87.
- Kinetics of carbon oxidation from molten iron by carbon dioxide mixtures. V. P. Mokrova, N. N. Perovalev, O. V. Travlin. Sbor. tr. TSNIICM no. 56:18-25 '87.
- Kinetics of iron oxide reduction with interaction between oxidized slags and liquid synthetic cast iron. F. N. Sirot'sov, N. N. Perovalev. Sbor. tr. TSNIICM no. 56:26-32 '87.
- A partly group of shift. I. Shcholkov. Part. zhizn' no. 18:44-45 S '88.
- [Price list for assembling equipment] Tsentral' na montazh obrudovaniya. Izd. of. Dita principienta s. l. inav. 1989 g. Moskva, "Metallurgiya".
- No. 18. Ch. 1. [Equipment of enterprises of the iron and steel industry] Obrudovaniya predpriyatiy chernoy metallurgii. 1988. 87 p.
- Sintering of iron graphite composition in endogas atmosphere. A. P. Lebedev, V. P. Anisimova. Prom. Bel. 9 no. 6:61-62 Je '80.
- Studying the kinetics of metal desulfurization and dephosphorization by slags of the system $\text{CaO}-\text{FeO}-\text{FeO}_2$. V. T. Dorosov, S. I. Parshin, O. V. Travlin. Sbor. tr. TSNIICM no. 56:5-13 '87.
- Tool resistance and surface smoothness in broaching heat-resistant steels. N. I. Zhigalko, N. I. Kovzoi, M. V. Lepkovich. Stan. i met. 39 no. 3:27-28 Mr '88.
- Zin'kovskiy, M. M. [Concise manual for metalworkers on safety measures and industrial sanitation] Kratkiy spravochnik metallurga po tekhnike bezopasnosti i proizvodstvennoy sanitarii. Moskva, "Metallurgiya", 1988. 216 p.
- 689.1 (407.2)—Bulgaria
Construction sites of fraternal countries. V. Lukhanin. Mezhnats. zhizn' 16 no. 6:146-147 '88.
- 689.13 Cast iron
Behavior of sulfur in cast iron during its treatment with magnesium. V. P. Pavlov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:135-141 '88.
- Cavitation resistance of white chromium cast iron. I. I. Lavi and others. Vest. mashinost. 48 no. 2:66-67 F '88.
- Conference on the theory and practice of production of high-quality cast iron. A. A. Gorashov, T. V. Silchenko. Dop. AN BSSR. Sor. A 30 no. 3:472-473 My '88.
- Distribution and forms of existence of hydrogen in cast iron. I. I. Levi and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:146-150 '88.
- Effect of silicon on the structure and mechanical properties of ordinary gray and high-strength cast iron. A. A. Khrapov, V. K. Dotsenko. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:146-149 '88.
- Improving the wear resistance of mining and ore dressing equipment by using cast wear-resistant alloys. M. E. Garber and others. Gor. zhur. 143 no. 5:62-64 My '88.
- Klezhayev, S. I. [Founding properties of cast iron] Litelnyye svoystva chuguna. Moskva, "Mashinostroyeniye", 1988. 132 p.
- Spheroidization of transacetaldehyde cementite in white cast iron. A. A. Barinov and others. Dokl. AN SSSR. 179 no. 6:1309-1308 Apr '89.
- 689.14 Steel
[Anticorrosive coatings of rolled metal. (List of patents of England, West Germany, United States, France, Japan)] Antikorrozionnye pokrytiya prokatsnogo metallu. (Perechen' patentov Anglii, FRG, SSHA, Frantsii, Yaponii). Kiev, 1987. 58 p.
- Bright page of the science of metals: 100th anniversary of the discovery of phase transformations in steel by D. K. Chernov, A. S. Fel'dorov. Priroda no. 4:100-115 Apr '88.
- Coefficient of the linear expansion of structural materials at low temperatures. A. K. Dolov. Metalloved. i term. obr. met. no. 4:20-22 Apr '88.
- Condition and physical yield point. M. P. Markovets. Metalloved. i term. obr. met. no. 4:87-88 Apr '88.
- Conditions regarding the heat treatment of two-layer sheets with a plating layer of Ochi7T and Kh25T high-chromium stainless steels. S. A. Golovanenko and others. Metalloved. i term. obr. met. no. 4:68-70 Apr '88.
- Determining the resistance to deformation under a given loading rate. I. U. V. Aks, R. V. Lef, D. I. Sularov. Fiz. i khim. obr. nat. no. 2:36-41 Mr-Apr '88.
- Determining the strength of tool steel. I. U. R. Sedov, I. U. A. Oeller. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:117-121 '88.
- Effect of aluminum on steel resistance and structural state of chromium-manganese steel. P. I. Mikhel'skiy, M. D. El'tikov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:126-128 '88.
- Effect of conditions of heating for hardening and quenching on the mechanical properties of steels 40 and 20Kh. M. B. Lapchuk, L. A. Efremova. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:132-134 '88.
- Effect of rare earth metals on the structure and properties of P9 rapid steel. I. V. Patsov, I. U. A. Dashnits, O. V. Solovchenko. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:124-128 '88.
- Effect of the conditions of enrolling of high-strength converter ingots for high-strength cemented steel, on reducing rejects because of ent defects. I. E. Bratnin and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:132-134 '88.
- Effect of the salt content of roll on the polymerization characteristics of steel. M. F. Zhigulov. Za tekhn. prog. 5 no. 7:27-39 Ji '85.
- Electric pulse machining of heat-resistant alloys. A. I. Isayev, N. A. Mironov. Vest. mashinost. 48 no. 2:48-50 F '88.
- Estimating the properties of 38GS steel following thermomechanical treatment. M. V. Fridmanov, E. M. Koltik, P. F. Koshchev. Zav. lab. 34 no. 6:603-605 '88.
- Hard alloys for machining heat-resistant materials. G. A. Mironov and others. Vest. mashinost. 48 no. 2:61-62 F '88.
- Hardened scale occurring as a result of thermomechanical treatment. A. A. Kochapin, I. N. Kida, I. U. V. Pizguzov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:113-116 '88.
- Heat treatment of castings with a high-chromium alloyed layer. A. M. Mikhailov, G. Sh. Akhmetov, V. N. Nikolaeva. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:142-145 '88.
- High-temperature thermomechanical treatment of rail steel. D. M. Khat, A. N. Savonko. Metalloved. i term. obr. met. no. 4:72-73 Apr '88.
- High-temperature thermoplastic treatment of heat-resistant El728 steel. M. P. Braun, D. B. Vinokur, N. I. Maftushenko. Fiz. i khim. obr. nat. no. 2:121-124 Mr-Apr '88.
- Investigating fine turning of 40Kh steel. A. Avakov, N. Ivchenko. Prom. Arm. 10 no. 7:58-61 '88.
- Low carbon high-strength structural steel containing a high amount of manganese. I. V. Patsov, L. G. Shevinkova. Metalloved. i term. obr. met. no. 4:85-87 Apr '88.
- Low-temperature carburizing of steels in fused salts. N. G. Ilusichonko, G. I. Belyayeva. Metalloved. i term. obr. met. no. 4:14-17 Apr '88.
- Low-temperature cyanidation of structural steels in liquid media. V. V. Bogdanov and others. Metalloved. i term. obr. met. no. 4:10-14 Apr '88.
- Methods for determining the carbide inhomogeneity of high-speed steel. G. A. Khasin, V. G. Chikina, T. N. Popova. Zav. lab. 34 no. 6:552-554 '88.
- Microstructure and mechanical properties of furnace and air scale. I. U. V. Gocharov. Nauch. trudy DMI no. 62:203-220 '87.
- Rate of recovery of die steels during tempering. I. V. Laznekin, I. A. Khazanov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:132-142 '88.
- Short-period creep of chromium stainless steels. I. A. Gintsburg, A. I. A. Gintsburg, A. G. Bobrov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:122-123 '83.
- State of the crystal lattice and magnetomechanical damping in martensite steels. G. S. Krivonozhev and others. Dokl. AN SSSR 178 no. 5:1055-1057 '84.
- Structural changes in stainless austenitic steel depending on temperature and degree of deformation. V. G. G. kin and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:122-125 '88.
- Structure formation during steel heating up to the critical range. I. F. Pan'shin, V. P. Boncharenko. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:143-145 '88.
- Study of magnetic alloys using the electric resistance method. E. S. Lohynskov, I. M. Stoltikova, I. U. A. Grabinov. Metalloved. i term. obr. met. no. 4:37-39 Apr '88.
- Studying the aging of austenitic steels with nitrogen and carbon. V. D. Verner and others. Fiz. i khim. obr. nat. no. 2:72-78 Mr-Apr '88.
- Zhuravlov, V. N., and O. I. Nikolaeva. [Machine manufacturing steels. Handbook] Mashinostroitel'nye stali. Spravochnik. Izd. 2 o, pereabotat i dop. Moskva, "Mashinostroyeniye", 1988. 331 p.
- 689.15 Alloys of iron. Alloy steels. Ferroalloys
Cavitation resistance of Kh134L high-chromium cast steel. L. M. Dimashkova, D. V. Litvak. Metalloved. i term. obr. met. no. 4:50-53 Apr '88.
- Connection between defects in crystal structure and the hardening of Fe-Co alloys during deformation. G. M. Vorob'ev. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:103-107 '88.
- Effect of alloying elements on the kinetics of deforming a melt in the area of inhomogeneous crystallization. S. I. Paderin, S. I. Paderin. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:140-141 '88.
- Effect of silicon on the impact toughness of cast-alloy steel at subfreezing temperatures. L. I. Patakov, L. M. Kuznetsova, V. A. Nikitkal, Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:120-124 '88.
- Effect of vacuum arc remelting of steels and alloys on the composition of the metal and the distribution of elements in the ingot. D. A. Povolnitskiy, I. U. V. Zolotarev, A. B. Simov. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:60-65 '88.
- Effect of zirconium dioxide and cerium dioxide on the density and surface tension of oxide melts. T. I. Dzhalilova, I. U. M. Gogheridze, Sh. M. Mikhailov. Soob. AN Gruz. SSR 47 no. 3:608-638 '87.
- Kinetic microscopy in the study of the structure of austenite in the Fe-Ni-Ti alloy following precipitation hardening and aging. A. I. Kovtsov, I. M. Ustevskiy. Fiz. i khim. obr. nat. no. 2:66-71 Mr-Apr '88.
- Improving the structure of working surfaces of iron castings and increasing their wear resistance. V. Avashin. Prom. Arm. 10 no. 7:63-64 '88.
- Influence of ruthenium, rhodium and palladium on the thermal expansion of iron-nickel and iron-nickel-cobalt alloys. N. A. Solov'ova and others. Metalloved. i term. obr. met. no. 4:45-46 Apr '88.
- Influence of the preforming heating temperature on the plasticity, structure, and mechanical properties of 3Kh3 steel. M. P. Rymun, L. G. Mar'ushkin, M. A. Akulkin. Metalloved. i term. obr. met. no. 4:71-72 Apr '88.
- Kinetics of magnetic aging in low carbon transformer steels. N. M. Dononov, Z. I. Popova. Metalloved. i term. obr. met. no. 4:30-36 Apr '88.
- Kinetics of the isothermal dissociation of austenite in cast nickel steel. E. N. Pogrobny and others. Metalloved. i term. obr. met. no. 4:7-8 Apr '88.
- Optimum conditions for counterheating and reannealing MVI-1 and MVI-2 steels. A. M. Kosenberg, A. A. Vinogradov, I. U. A. Anusov. Vest. mashinost. 48 no. 2:7-9 F '88.
- Solubility of nitrogen in solid iron-carbon alloys. I. N. Milinskaya, I. A. Tomlin. Dokl. AN SSSR 178 no. 6:1140-1143 '88.
- Studying antifriction properties and the wear resistance of bronze, cast iron and graphitized steel. S. P. Ch. Z. manov and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:174-177 '88.
- Studying the weldability of 25Kh4C8T cavitation-resistant steel. A. V. Karyshev, S. R. Frumkin. Trudy IYF no. 105:30-36 '87.
- Thermodynamic activity of carbon in industrial alkali-thermic ferrochromium. V. V. Kashuk and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:42-45 '88.
- Variation of the surface energy of a plane (110) at its deviation from the ideal position to a single crystal of the Fe-Si(3%) alloy. I. U. S. Abramov and others. Metalloved. i term. obr. met. no. 4:28-30 Apr '88.
- Viscosity of molten iron containing manganese, chromium, and silicon. P. P. Arsen'ev and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:90-93 '88.
- 689.16 Production of pig iron and iron of first melt
Aerodynamics of an air preheater with an extended combustion shift. V. N. Timofeev, F. R. Shkilar, M. I. Agafonova. Sbor. nauch. tr. VNIIM no. 13:152-155 '81.
- Automatic control of the blast-furnace process with the help of computer control, experimental diagram. V. N. Timofeev and others. Sbor. nauch. tr. VNIIM no. 14:220-228 '88.

669.22 Silver and silver alloys
The use of plant lops prevents losses of silver. G. Kamal-
lian, Prom. Arm. 10 no. 7:69 '68.

669.23 Platinum and metals of the platinum group
Influence of ruthenium, rhodium and palladium on the
thermal expansion of iron-nickel and iron-nickel-cobalt
alloys. N. A. Solov'yeva and others. Metalloved. i term.
obr. mol. no. 4:45-48 Ap '68.
Vitalization of platinum-ruthenium alloys. E. I. Ryabin,
A. V. Malashkin. TSvet. mel. 41 no. 5:80-81 My '68.

669.24 Nickel and nickel alloys
Coefficients of sensitivity to tensile stress for alloys in
the Cu - Ni and Cu - Au systems. N. L. Pravoverov,
I. M. Lobyshev. Metalloved. i term. obr. mol. no. 4:
50-51 Ap '68.

Heat-resistant alloys for elastic current conducting ele-
ments with a low temperature coefficient of specific
resistance. V. A. Borisov, A. G. Rokhshadt, A. L.
Shpil'sberg. Metalloved. i term. obr. mol. no. 4:41-44
Ap '68.

Interaction of nitrogen with liquid alloys of the types
E1817, EP220, EP109. A. G. Fridman and others.
Izv. vys. ucheb. zav.; Chern. met. 11 no. 7:49-53 '68.
Nitrogen solubility in liquid alloys of the type Kh20N80
with additions of titanium, aluminum, and cerium.
E. G. Ivanov, A. A. Stomakhin, A. F. Pilyupov. Izv. vys.
ucheb. zav.; Chern. met. 11 no. 7:46-48 '68.

Solubility of hydrogen in liquid nickel. N. N. Kalinuk,
V. F. Lazarevskii. Avtom. svar. 20 no. 4:26-29 Ap '67.
Studying isolation processes in the N38KhTU alloy. V. F.
Sukharov and others. Metalloved. i term. obr. mol. no.
4:47-49 Ap '68.

Studying the process of nickel carbonylation from anode
scrap. A. S. Makhlin and others. TSvet. mel. 41 no. 5:
38-40 My '68.

Texture of the recrystallization of steel kovar. A. A.
Bryukharov, Z. A. Baranova, A. E. Brukhanov.
Metalloved. i term. obr. mol. no. 4:39-41 Ap '68.

669.25 Cobalt and cobalt alloys
Studying the magnification of the Co-Pt alloy in strong
pulling fields. V. I. Malashkin and others. Uch. zap.
UGU no. 59:186-190 '65.

669.26 Chromium and chromium alloys
Cavitation resistance of Kh34L high-chromium cast steel.
L. M. Dimoshechin, D. V. Litvak. Metalloved. i term. obr.
mol. no. 4:50-53 Ap '68.
Structural and mechanical properties of silicon-free chro-
mium-manganese iron. G. M. Chubintko, F. N. Tarasov.
Metalloved. i term. obr. mol. no. 4:55-59 '68.

669.27 Tungsten and tungsten alloys
Equipment for measurement of the rate of dissolution in
metallurgical melts. V. V. Dymov, I. A. Evlakhina.
Sbor. trud. TSNIICIM no. 66:53-56 '67.

669.28 Molybdenum and molybdenum alloys
Characteristics of the crystallization of emmenium para-
molybdate. V. A. Pogonikov, V. N. Moizov, V. A.
Ritakov. TSvet. mel. 41 no. 5:70-73 My '68.
Inelastic phenomena in molybdenum due to diffusion.
V. I. Baranova and others. Fiz. i khim. obr. mat. no. 2:
81-85 Nr-Ap '68.

Nonmetallic inclusions in molybdenum depending on the
melting medium as studied by means of electron
microscopy and electron microdiffraction. K. V.
Agreev and others. Dokl. AN SSSR. 170 no. 8:1400-1402
Ap '68.

669.29 Titanium and titanium alloys
Anomalies in the properties of titanium alloys with both
stabilizing elements. O. P. Katinin, O. P. Elutkin.
Metalloved. i term. obr. mol. no. 4:52-54 Ap '68.
Commercial titanium dioxide and its production from
altered ilmenite by the sulfuric acid method. Tekhnich-
eskii i dvoiki' titana i ee polucheni iz izmenennogo
il'menita sernokislotoym metodom. Klov, "Nauchno
dumka," 1968. 94 p.

Diffusion bonding of titanium and copper alloys. G. V.
Bobrov and others. Avtom. svar. 20 no. 4:78 Ap '67.

Effect of cold deformation on the structure and properties
of the VT15 alloy. I. I. Novikov and others. TSvet. mel.
41 no. 5:83-85 My '68.

Effect of cutting speed on surface layer conditions in a
titanium alloy. I. I. Danova, L. M. Kasimov. Vest.
mashinost. 46 no. 2:70 F '68.

Influence of stress concentration on chemical properties
of titanium and its alloys at low temperatures. S. I.
Gudkov, D. V. Lobedev, B. M. Ostapenko. Metalloved.
i term. obr. mol. no. 4:25-27 Ap '68.

Material balance of titanium during the electric smelting
of stainless steel. III. G. Gurevich, B. I. Skolnikov.
Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:57-59 '68.
Production of OT4-1 titanium alloy slabs. A. P. Khoma-
chikov and others. TSvet. mel. 41 no. 5:76-78 My '68.

669.292 Vanadium
Deformability of certain high-melting metals. V. M.
Lobov, A. V. Kropin, I. M. Pavlov. Izv. vys. ucheb. zav.;
Chern. met. 11 no. 7:54-56 '68.
Welding vanadium. S. M. Gurevich and others. Avtom.
svar. 21 no. 5:68 My '69.

669.296 Zirconium
Characteristics of forming and mechanical properties of
distillable metal joints in zirconium, titanium and
niobium alloys made by argon arc welding. V. S. Novosa-
rov, M. Kh. Shmshurov. Fiz. i khim. obr. mat. no. 2:
92-100 Nr-Ap '68.

Kinetics of cation exchange of zirconium from nitric acid
solutions. I. V. Vinarov, A. N. Grinberg. Ukr. khim.
zhur. 34 no. 5:428-433 '68.
Production of commercial zirconium dioxide from a
hydrolytic concentrate. A. I. Lainer, M. A. Kolenkova,
N. T. Hybachuk. TSvet. mel. 41 no. 5:73-75 My '68.
Structure of lower zirconium oxides. V. N. Konev, R. A.
Levina. Uch. zap. IrGTU no. 58:82-85 '66.

669.3 Copper and copper alloys
Coefficients of sensitivity to tensile stress for alloys in
the Cu - Ni and Cu - Au systems. N. L. Pravoverov,
I. M. Lobyshev. Metalloved. i term. obr. mol. no. 4:
50-51 Ap '68.

Effect of partial pressure of sulfur dioxide on copper
passage into the slag in the system copper - slag-
sulfur dioxide. Z. T. Shaukenbaeva and others. Trudy
Inst. met. i obogach. AN Kazakh. SSR 33:55-61 '66.
Effect of small amounts of impurities on the properties of
copper. D. I. Lohner, N. V. Cherkashina, L. M. Brsk.
TSvet. mel. 41 no. 5:86-87 My '68.

Recrystallization diagram for copper subject to vacuum
melting. T. V. Simonovskii, R. F. Filimonova. Dokl.
AN SSSR 179 no. 2:331-332 '68.

Selecting the optimum profile of a waste heat regenerator
for copper smelting reverberatory furnaces. G. N.
Bagrov, Z. L. Belilin, N. S. Zasyagin. TSvet. mel. 41
no. 5:41-43 My '68.

Studying the size and distribution of lead inclusions in
cast LC93-3 brass. A. M. Kras, V. V. Piskunov, R. A.
Bokhtarov. TSvet. mel. 41 no. 5:81-83 My '68.

669.4 Lead and lead alloys
Vaporization of lead and bismuth in a vacuum induction
furnace. V. M. Antipov, G. N. Okorokov. Sbor. trud.
TSNIICIM no. 58:67-71 '67.

669.6 Tin and tin alloys
Electrochemical refining of crude tin in fused salts.
A. P. Samoilov, I. K. Iklina, skil. TSvet. mel. 41
no. 5:44-47 My '68.
Studying the separation process of tin containing area in
heavy suspensions. E. V. Gullikhin. TSvet. mel. 41
no. 5:25-27 My '68.
Thermal conductivity of liquid alloys of the tin - zinc
system. I. A. Uchek and others. Ukr. fiz. zhur. 13
no. 4:600-607 An '68.

669.71 Aluminum and aluminum alloys
[Aluminum alloys] Aluminatovoye oplaty. Sbornik statei.
Pod red. I. N. Fridlendera. Moskva, "Mekhanizatsiya."
Vyt. 6. [Structural alloys] Konstruktsionnye
splovy. 1968. 309 p.
Cladding kaolin clays in a fluidized bed furnace. D. M.
Golzhikov and others. TSvet. mel. 41 no. 5:67-70
My '68.

Effect of temperature on the electrochemical behavior of
aluminum and its alloys in hard and soft sea water.
M. S. Trifol, G. M. Akhmedov, S. A. Logteva. Za tekhn.
prog. 8 no. 7:33-35 Ji '68.

Further development of the technology of alumina produc-
tion by the Bayer method with simultaneous recovery
of iron. D. Bobosh. TSvet. mel. 41 no. 5:60-67
My '68.

Sintering of low-alkali charges. V. S. Sazhin, M. K.
Moskina, S. D. Domenteva. Ukr. khim. zhur. 34
no. 5:611-615 '68.

Study of some aspects of neutralization of aluminum
nitrate solutions. Sh. M. Nablov, D. M. Chizhikov,
I. A. Lainer. Ukr. khim. zhur. 12 no. 1:17-19 '68.
Study of the hydrolysis of iron from the technological
solutions of aluminum nitrate in autoclave conditions.
Kh. R. Ismailov, R. Z. Karimov. Ukr. khim. zhur. 12
no. 2:78-79 '68.

Study of the neutralization conditions of aluminum nitrate
solution containing iron. Sh. M. Nablov, D. M. Chizhi-
kov, I. A. Lainer. Ukr. khim. zhur. 12 no. 2:20-
28 '68.

Trends in the planning and selection of efficient design
features for modern aluminum plants. I. V. Batmakov,
M. M. Verukov, S. I. Gurkin. TSvet. mel. 41 no. 5:
32-33 My '68.

Welded pistons from Simul in for D70 diesel locomotives.
I. O. Veresnik, N. S. Lyubchagin, R. M. Sukhomlinov.
Avtom. svar. 20 no. 4:43-45 Ap '67.

669.721 Magnesium
Krymov, V. V. [Safety measures and industrial sanitation
during work with magnesium alloys] Tekhnika
bezopasnosti i proizvodstvennaya sanitariya pri rabote s
magnitnymi splavami. Izd. 2-6, pererabot. i dop. Mo-
skva, "Mashinostroenie," 1968. 226 p.

Magnitki, K. P. [Magnesium ferrihydrazide] Magnitnye
udobrenia. 2-6 izd. i spr. 1 dep. Moskva, "Kies."
1967. 200 p.

669.73 Cadmium and cadmium alloys
Purification of concentrated solutions of cadmium from
the iron nickel and nitrogen compounds. A. S. Firsa-
nov, I. M. Pozin. TSvet. mel. 41 no. 5:51-53 My '68.

669.74 Manganese
Carbon diffusion in manganese-base metals. I. N. Lys-
and others. Izv. vys. ucheb. zav.; Chern. met. 11 no. 6:
5-9 '68.

669.76 Bismuth and bismuth alloys
Vaporization of lead and bismuth in a vacuum induction
furnace. V. M. Antipov, G. N. Okorokov. Sbor. trud.
TSNIICIM no. 58:67-71 '67.

669.781 Mercury and mercury alloys
Micromethod for the detection of mercury in organic
compounds. A. S. Zaborodina, T. S. M. Babova. Kral
snob. BKNII no. 2:73-75 '60.

669.85 Rare earth metals
Effect of rare earth metals on the structure and prop-
erties of Fe rapid steel. I. V. Palsov, I. A. Boshov,
G. V. Sonenchenko. Izv. vys. ucheb. zav.; Chern. met.
11 no. 7:124-128 '68.

67/68 MANUFACTURES

All-Union public checkup on the fulfillment of plans for
the adoption of new technology and the improvement of
production quality in enterprises of the textile and light
industry. Shvein. prom. no. 3:1-3 My-Je '68.

[Communal, household, and commercial equipment] Ref.
zhur.: Konsum., byl. i org. obor. no. 6 Ag '68.
First Deputy Minister of Light Industry of the U.S.S.R.
D. I. Solov'yev answers the questions of the editor.

Tekst. prom. 28 no. 7:3-7 Ji '68.
In the Ministry of Light Industry of the U.S.S.R. Shvein.
prom. no. 3:3 of cover My-Je '68.

Light lighter the banner of socialist competition. Kozh. i
obuv. prom. 10 no. 6:1-4 Je '66.

Results of a public checkup on the work quality of youth
employed for the first time by enterprises of light in-
dustry. N. I. Doslichenko. Shvein. prom. no. 3:10-19
My-Je '68.

Ten years in the service of science. Izv. vys. ucheb. zav.;
tekhn. leg. prom. no. 1:3-6 '68.

67/68(62)—Japan
Anatomy of the "Japanese miracle." D. P. Petrov. Nov.
vrem. 26 no. 36:10-22 S '68.

67/68(574)—Kazakh S.S.R.
Give more attention to finding supplementary sources
of revenue. D. Makhin, S. Khalilov. Fin. SSSR 12
no. 6:16-18 S '68.
Scientific organization of labor of light industry in
Kazakhstan. V. I. Petelin. Tekst. prom. 28 no. 6:
12-14 Je '68.
Uncover potentialities more effectively. M. Isayev.
Fin. SSSR 42 no. 9:66-68 S '68.

67 Industries and crafts based on processable materials
Unit for galvanic metalizing of graphite granules. A. F.
Lysanova and others. Tekh. prom. 9 no. 4:31-32 Ji-
Ag '69.

67.08 By-products
Nutritive value of meat-bone meal processed on a
continuous mechanized line and in horizontal vacuum
cookers. S. G. Likhman, A. I. Solov'yev. I. N. G. G. G.
Trudy VNIM no. 10:17-22 '67.

672 Iron and steel goods
Supplying metal products from a warehouse, and
centralized delivery of metal products. V. Laptev.
Mat. i tekhn. 3 no. 1:9-13 Ja '68.
[Wire nails] Gvozdi provolochnye. GOST 4020-63 - GOST
4030-63, GOST 4032-63 - GOST 4035-63 - GOST 283-53.
Izd. ofits. Moskva, [Izd. standartov], 1958. 24 p. (Gos-
standart SSSR).

674 Timber and woodworking industry
Bogdanov, E. S. [Automatic control of wood drying pro-
cesses] Avtomatizatsiya upravleniya protsessami sushki
drevesiny. Moskva, "Izdatel'stvo prom-sti," 1957. 77 p.
[Collection of articles on design and research costs in
construction] Sbornik statei na proektnye i issledovatel'skiye
raboty dlya stroitel'stva. Izd. ofits. Moskva, Stroiiz-
dat.

Ch. 3. [Costs for the preparation of working
drawings] Tseny na razrabotku rabochikh
chertezheh.
Razd. 16. [Forestry and woodworking industry]
Lesnaya i drevnoproizvodstvennaya prom-sti.
Utv. 18/VII 1968 g. 1968. 17 p.

- Effect of the change of labor expenditure on the level of production costs. A. B. Vartanian. Tekst. prom. 28 no. 6:8-8 My '68.
- Effect of the direction of deformation on indices of the mechanical properties of some worsted fabrics made from blended fibers. Report No. 2. R. I. Kotomina. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:1-14 '68.
- Effect of the duration of the friction contact on the wear of friction pairs. I. M. Sadykov, M. I. Khudykh. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:134-137 '87.
- Effect of the probability characteristics of colling raw materials and the process of fiber separation on the quality of cotton fiber. A. D. Grober. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 8:37-43 '87.
- Effect of the temperature and quality of sprayed water on the electric state of air in working premises. F. V. Gorbunova, A. E. Solodukhin. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:111-117 '67.
- Effect of thermal treatment temperature on the structure of elastic thread. N. P. Voevodina, V. A. Usenko. Tekst. prom. 28 no. 6:30-31 Je '68.
- Effect of uneven stretching of worsted warp yarn on STB-2-330 looms and its tearing in the process of weaving. T. F. Spornakala, S. G. Gortskil. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:78-83 '87.
- Eliminating the damage to synthetic fibers in the process of production. L. A. Lyutskina. Tekst. prom. 28 no. 6:27-28 Je '68.
- Encouraging the workers to economize on circular knit fabrics. A. I. Klen. Lekh. prom. 9 no. 4:42-44 Ji-Ag '68.
- Ensuring continuous tension of the warp during positive rotation of the package. R. E. Urbanskii, G. M. Smirnov. Tekst. prom. 28 no. 5:27-28 My '88.
- Equipment for the finishing plant of the linen industry. N. B. Gordon. Tekst. prom. 28 no. 7:71-72 Ji '68.
- Evenness of the loop structure on knit underwear products manufactured on the cotton machine. Zh. S. Sudikova, L. I. Lunatova. Lekh. prom. 9 no. 4:34-36 Ji-Ag '68.
- Experimental study of yarn-feeding into the SK-54 warp-knitting machine and its effect on the loop structure of the fabric. V. M. Bondar and others. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:124-129 '68.
- Fabrics manufactured from high-bulk yarn in the wool industry. N. P. Antipova. Tekst. prom. 28 no. 6:21-24 Je '68.
- Fineness of polypropylene yarn. M. D. Raim. Tekst. prom. 28 no. 6:26-30 Je '68.
- First Deputy Minister of Light Industry of the U.S.S.R. B. I. Solov'ov answers the questions of the editor. Tekst. prom. 28 no. 7:3-7 Ji '68.
- Force applied for the straightening of cramped high-bulk yarn. Iu. I. Maslennikov. Lekh. prom. 9 no. 4:3-6 Ji-Ag '68.
- Formulas for the calculation of tonality and winding of yarn. V. G. Derluzhkin. Tekst. prom. 28 no. 5:86-87 My '68.
- Hydroscopic properties of high-bulk yarn and knit goods manufactured from it. L. S. Smirnov, S. S. Molokhova. Lekh. prom. 9 no. 4:2-3 Ji-Ag '68.
- Inspiration of bulk to all-enveloped yarn and its finishing. P. A. Il'yushin, K. M. Teplov. Lekh. prom. 9 no. 4:18-21 Ji-Ag '68.
- Important benefit for female textile workers. I. Candurin. Sots. trud. 13 no. 2:48-50 Fe '68.
- Improving the quality of knit underwear products. K. P. Tushyn'ska, V. P. Ivanova'ska. Lekh. prom. 9 no. 4:1-2 Ji-Ag '68.
- In connection with G. N. Morozov's article "Drying a cylindrical layer of yarn by blow-through and by blow-through with blow-on" M. F. Lazychkov, V. V. Dolgov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 8:153-156 '87.
- Information. Tekst. prom. 28 no. 5:84-86 My '68.
- Information of the process of nitron dyeing. A. A. Kharkharov, G. S. Saribekov, R. I. Khamidulin. Tekst. prom. 28 no. 6:52-63 My '68.
- Introduction of semihard card flats. A. S. Volkovskii, S. I. Dudin. Tekst. prom. 28 no. 7:30-31 Ji '68.
- Investigating the irregularity originating in drawing in the forward zone of a two-belt drawing device of the spinning frame. V. Kuzin, M. Saakinn. Prom. Arm. 10 no. 7:17-19 '68.
- [Knit goods] Trukolazhnyy tsellet. Izd. ofits. Moskva, Izd. standartov. (Gos. standarty SSSR). Ch. 2. 1968. 455 p.
- Knitting enterprises operating under the new planning and economic incentive system. L. I. Pudych, L. M. Ovschynskaya. Lekh. prom. 9 no. 4:15-17 Ji-Ag '68.
- Labor conditions and the economics of textile enterprises. N. Kalitina. Sots. trud. 13 no. 2:83-87 Fe '68.
- Machinery and technology of the production of knit underwear. S. V. Balinots, L. G. Smirnova. Tekst. prom. 28 no. 6:32-35 My '68.
- Machinery needed for the production of knit underwear products. S. V. Babikola, N. A. Gotovanova. Tekst. prom. 28 no. 6:44-47 Je '68.
- Manufacture of nonwoven fabrics with use of viscose solution. G. G. Pat'anova, T. N. Malashkevich. Tekst. prom. 28 no. 5:48-50 My '68.
- Matrix method for planning of labor consuming capacities and wage funds in a textile enterprise. A. P. Pavlov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:7-14 '67.
- Mechanical properties of triacelulose fabrics. M. I. Sukharev, Z. I. Karalunatla. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:18-18 '87.
- Method for fabric coloring using blue phthalocyanine 43-M pigment base. A. S. Stepanov, O. M. Lilemshev. Tekst. prom. 28 no. 6:63-63 Je '68.
- Method for knitting circular hose products with knitted in helix by a circular motion of the cylinder. L. K. Vasilechinskii, L. P. Ignatova. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:114-118 '68.
- Method for the study of loop structure in knit fabrics. M. Konopasek. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:81-87 '88.
- Methods for the determination of physico-mechanical indices of bonded nonwoven fabrics. M. I. Sukharev, L. S. Fedoseeva. Tekst. prom. 28 no. 6:64 My '68.
- Mineral fiber formation when using the spinneret vertical-blowing method. A. A. Usenko, Iu. L. Spirin. Stroim. 13 no. 5:26-27 My '87.
- Modern looms (ITMA-87). F. A. Onikov. Tekst. prom. 28 no. 6:80-82 Je '68.
- Modernizing of the hose and sock manufacturing automatic "Kornel" machine. V. A. Matzlish. Lekh. prom. 9 no. 4:44-45 Ji-Ag '68.
- Modification of polyvinyl alcohol fibers by inorganic compounds. M. I. Rozhkov, L. A. Volk, A. I. Meos. Lekh. prom. 9 no. 4:52-52 Ji-Ag '68.
- Motion of fibers in the process of drawing. M. I. Bakhar. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:49-54 '87.
- New assemblies for looms. K. M. Chernigova. Tekst. prom. 28 no. 6:28-29 My '68.
- New automatic looms. Iu. P. Sidarov. Tekst. prom. 28 no. 7:40-50 Ji '68.
- New dyes for wool. V. N. Rotko-Rodzevich, S. A. Pletsova. Tekst. prom. 28 no. 6:53-60 Je '68.
- New equipment for flax-spinning mills. B. N. Fridman. Tekst. prom. 28 no. 7:28-29 Ji '68.
- New machinery for weaving of linen fabrics. S. A. Dynnik. Tekst. prom. 28 no. 7:48-49 Ji '68.
- New method for the production of yarn for woolen cloth and knit fabrics. V. E. Gusev. Tekst. prom. 28 no. 7:20-23 Ji '68.
- New nonwoven textile fabrics. I. S. Shaleshko, N. A. Oskina, M. N. Shcherbakova. Tekst. prom. 28 no. 5:50 My '88.
- New organization of the labor of repairmen brigades servicing spinning machinery. L. A. Rjabova, M. D. Minaev, N. V. Galko. Tekst. prom. 28 no. 5:9-10 My '68.
- New self-profile for the winding drum ensuring the lengthening of its service life. L. K. Golovarov, M. I. Khudykh. Tekst. prom. 28 no. 7:65-67 Ji '68.
- New spinning machinery. L. M. Ivanov and others. Tekst. prom. 28 no. 7:28-29 Ji '68.
- New universal automatic brake for the weaving beams. Iu. F. Erokhin. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:84-89 '87.
- New wholesale prices for textile machinery. I. E. Bekt'chik. Tekst. prom. 28 no. 7:19-20 Ji '68.
- One of the reasons of the economy of wide fabrics during cutting. E. B. Shymonov'ska. Lekh. prom. 9 no. 4:17-18 Ji-Ag '68.
- Opening-mixing machine with proportioning devices. V. N. Terebt'ev. Tekst. prom. 28 no. 7:30-31 Ji '68.
- Operation of the G-4-2 comb. V. A. Ershov. Tekst. prom. 28 no. 7:33-34 Ji '68.
- Optimization of the production program in knit goods manufacturing enterprises. P. F. Rezdymal. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:10-13 '68.
- Optimum thickness of elastic coverings. Iu. V. Pavlov. Tekst. prom. 28 no. 7:41-43 Ji '68.
- Performance of a flexible roller. V. M. Spitsin. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:139-144 '87.
- Plastic clucks. N. T. Nysenko and others. Tekst. prom. 28 no. 7:43-44 Ji '68.
- Polyamide runners of spinning and twisting machinery. S. L. Blinova, N. T. Nysenko. Tekst. prom. 28 no. 6:17-18 My '68.
- Pressure-beams with a convex surface decreasing thread breakage during spinning. S. V. Sokolov. Tekst. prom. 28 no. 6:29-23 My '68.
- Problem of determining the bulk of textile fabrics. M. I. Sukharev. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:31-34 '68.
- Process of fiber formation when using the spinneret vertical-blowing method in the production of mineral wool. V. S. Rozovski, G. A. Isakovich. Stroim. 13 no. 5:23-26 My '87.
- Processing of synthetic staple fibers on equipment of the cotton-spinning type. A. N. Varchkov. Tekst. prom. 28 no. 6:31-35 Je '68.
- Properties of accidental functions characterizing the unevenness of products of cotton-spinning production. N. A. Galt'min. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:80-83 '67.
- Prospects for the development of textile machinery building. P. K. Korobovskii. Tekst. prom. 28 no. 7:11-13 Ji '88.
- Prospects for the development and use of glass fibers and glass fabrics in the national economy. G. M. Rassovskii. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:153-154 '87.
- Rudchenko, L. N., and T. I. Drazhova. [Universal drying-winding-stabilizing machine] Universalnaya suшил'no-stabilizatsionnaya mashina. Moskva, "Legkaya industriya," 1967. 82 p.
- Radial migration of fibers in cross-sections of blended yarn. T. A. Frolova. Tekst. prom. 28 no. 6:35-37 Je '68.
- Reproduction in an individual enterprise under conditions of the modern scientific and technological revolution. N. G. Molchanov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:3-8 '67.
- Selection of an optimum condition for the thermal treatment of glass plates. L. I. Kravchenko, R. N. Il'yushina. Plast. massy no. 4:48-50 '68.
- Selection of steel grades for auxiliary parts of linen-weaving looms. N. I. Drio, M. N. Kachinskina, A. P. Karpov. Tekst. prom. 28 no. 7:69 Ji '68.
- Sewage purification after boiling of fabrics. P. S. Antipova. Tekst. prom. 28 no. 8:73 Je '88.
- Shikhov, V. N. [Combating static electricity in stretching fabrics. (Manual on safety procedures)] Borba so staticheskim elektrichestvom pri shpredirovani. Moskva, "Pozharnoe tekhnicheskoe bezopasnost". Moskva, "Kh. m. i." 1967. 81 p.
- Sidorova, T. P. [New Jacquard circular-knitting machines] Noveye krugovoyaznyye zhakardovyye mashiny. Moskva, "Legkaya prom-st." 1988. 137 p.
- Some problems of yarn formation in chambers with rotary flows. A. A. Zerkhaninov. Tekst. prom. 28 no. 7:21-20 Ji '68.
- Some properties of fabrics containing triacetate fibers. T. S. Granovskii. Tekst. prom. 28 no. 6:24-25 Je '68.
- Some work results and prospects for the NTEKMA31. D. A. Tlukov. Tekst. prom. 28 no. 7:29-30 Fe '68.
- Specialization of textile machinery building and its effectiveness. V. B. Livanits, Iu. L. Dnakaev. Tekst. prom. 28 no. 7:13-18 Ji '68.
- Standard methods of evaluating the shrinkage of fabrics. N. A. Tretyakova. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:45-49 '68.
- Standards and quality. Tekst. prom. 28 no. 5:87-88 My '88.
- Study of physical and mechanical properties of polyacryl alcohol fiber. T. G. Ukleba. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:18-22 '87.
- Study of the production of elastic cylinder (elasticheskyy tsilindr). Report No. 1. E. F. Rodik. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:21-26 '68.
- Study of the sorption of dispersion dyes by polyethylene fibers. T. P. Smirnova, I. A. Shikarova, E. A. Shteyn. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:15-110 '67.
- Studying methods for continuous dyeing of fabrics manufactured from polyamide fibers. T. N. Zhukova, M. V. Korzhagin, V. O. Ignatova. Tekst. prom. 28 no. 6:51-53 Je '68.
- Studying some properties of fabrics with the use of acetyl cellulose fibers. M. S. Filatov and others. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:23-27 '67.
- Studying the crease-resistance of polyacryl fabrics. M. S. Filatov and others. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:14-16 '68.
- Studying the effect of sea transportation conditions on the quality of vegetable fiber carpets. Iu. M. Ivanc. Trudy TSNIMK 12 no. 88:92-93 '67.
- Studying the effectiveness of various methods for mixing of long synthetic fibers. I. P. Maziar. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:64-68 '87.
- Studying the parameters of the technological process of weaving on shuttleless STB-2-330 looms. A. V. Kuligin. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:69-72 '67.
- Studying the passage of thread along small diameter shuttles. I. V. Izogova, P. P. Shernan. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:83-93 '68.
- Studying the process of fabric drying during spinning of clothes on steam-exhaust forms. Report No. 1. T. S. Guseulova, A. V. Savostitskii. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:72-77 '68.
- Synthetic and study of some physico-mechanical properties of the graft copolymer of cellulose and polyethylene. 2,3-butanediene. R. G. Origorinn, Z. A. Rogovskii. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:80-91 '67.
- Technological re-equipment of the textile and knitting industry during the current five-year period: 1966-1970. P. P. Fominskii. Tekst. prom. 28 no. 7:11 Ji '68.
- Tensile-elastic properties of point structure, bonded, nonwoven fabrics. V. B. Tikhonov, M. V. Fickel. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 1:35-35 '68.
- Testing the mechanism for the pressure of rolls (fabrics) on automatic looms. V. I. D'lanov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 6:150-151 '67.
- Textile machinery at the 5th International Exhibition in Basel. P. I. Aristov. Tekst. prom. 28 no. 5:13-77 My '68.
- Thermal fixing of high-bulk nitron yarn and knit fabrics. N. A. Golovanova, A. B. Pakshchev. Tekst. prom. 28 no. 6:40-51 Je '68.
- Unevenness of yarn tension during winding on multi-roller automatic machines. R. V. Bykadorov. Lekh. prom. 9 no. 4:21-22 Ji-Ag '68.
- Universal automatic brake of the weaver's beam. Iu. F. Erokhin. Tekst. prom. 28 no. 7:60-60 Ji '68.
- Use of an all-metal ceramic belt for wool carding. I. O. Torkishvili, Z. S. Perukhina, A. I. Shcherba. Tekst. prom. 28 no. 7:37-39 Ji '68.
- Use of film-forming agents, softeners and catalysts for preknitting of cotton fabrics. B. M. Vilenskaya, S. A. Ostromogol'skaya, S. G. Sveshnikova. Tekst. prom. 28 no. 6:63-64 My '88.
- Volume and composition of sewage from a woodyard and knitwear factory. O. M. Spivakova, O. I. Nemark, I. G. Krasnoborodkov. Tekst. prom. 28 no. 6:71-72 Je '68.
- Warp breakage depends on the width of the weaver's beam. V. A. Buzovkin. Tekst. prom. 28 no. 7:63-65 Ji '68.
- Water-repellent fabrics used in the bread-baking industry. P. P. Dobrynin. Kiteb. i. kord. prom. 12 no. 6:30-40 Je '68.
- Ways for the effective use of MT-1 circular knitting machines. T. N. Altova. Za tekhn. prog. 8 no. 5:32-43 My '68.
- Wear of viscose clothing fabrics under the effect of sunlight and washing. M. S. Filatov and others. Lekh. prom. 9 no. 4:24-25 Ji-Ag '68.
- Wear-testing of pilling. Report No. 1. A. Z. Goncharuk, A. I. Pavlov. Izv. vys. ucheb. zav.; tekhn. leg. prom. no. 3:60-63 '68.
- Weight analysis of stitched nonwoven sheets of fabric. G. K. Mukhamedzhanov. Tekst. prom. 28 no. 5:46-48 My '68.

- Stamping of poles manufactured from "korkvolon." A. M. Kozlov and others. *Kozhev. obuv. prom.* 16 no. 6: 51-56 Jan '68.
- Some characteristics of technological properties of mixtures based on SKD synthetic rubber. F. E. Kuperman and others. *Kauch. i rez.* 27 no. 7: 59-68 '68.
- Some characteristics of the use of ebolite and ebolitello materials in valves. Z. D. Orlov, O. M. Kozlov, D. D. Dobrushtin. *Kauch. i rez.* 27 no. 7: 38-41 '68.
- Stability of rubbers in wine and cognac media. T. A. Markhina, S. T. Turin, S. G. Marsel'skaya. *Trudy Ukhivn. "Magarach"* 15: 237-250 '67.
- Stabilization of polymerizing emulsions by polyethylene glycol dispersers. A. I. Hurziko, I. A. Anzor. *Dokl. AN SSSR* 181 no. 3: 658-661 Jan '68.
- Structure and mechanical properties of extended rubbers. L. Mullins. *Kauch. i rez.* 27 no. 7: 10-18 '68.
- Study of instantaneous dynamic unloading of polymer materials. N. S. Gralskova. *Izv. AN Azerb. SSR. Ser. fiz.-tekh. i mat. nauk* no. 2: 71-76 '68.
- Study of rubber puncturing with a hard indenter. M. M. Reznikovskii, M. S. Dzorisev, V. M. Lipskeron. *Kauch. i rez.* 27 no. 7: 50-52 '68.
- Studying the adhesion of a natural glue film to rubber based on different raw rubbers. V. M. Usitova, T. P. Shvetova, N. A. Kholova. *Kozhev. obuv. prom.* 10 no. 6: 45-48 Jan '68.
- Studying the characteristics of polymer material cooling during the formation of fibrous structures. Report No. 2. S. I. Solov'ev, N. V. Pavlovich, Izv. vys. ucheb. zav.; *khim. i khim. tekhn.* no. 3: 70-76 '68.
- Studying the process of thermal decomposition of Uliam and the effect of vulcanization accelerators on this process. R. Sh. Frinkel', V. I. Gorbunova. *Kauch. i rez.* 27 no. 7: 18-19 '68.
- Studying the production of polyvinylchloride for film materials with a lusterless leatherlike surface. Report No. 1. I. G. Dorofeeva and others. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 3: 54-58 '68.
- Studying the resistance of synthetic leathers of multiple flexion at low temperatures. I. M. Lifits and others. *Kozhev. obuv. prom.* 10 no. 6: 41-45 Jan '68.
- (Synthesis and physical chemistry of polymers (polyurethanes)) *Sintez i fiziko-khimika polimerov (poliuretanov)*. Kiev, "Makova dumka." (Reap. mezhv. sbornik, Seriya "Sintez i isledovanie polimerov"). No. 5, 1968. 220 p.
- System of glues made from chloronatri for gluing rubbers with low properties of adhesiveness to metal during vulcanization. V. A. Glagolev, N. S. Ulin, L. N. Kurdin. *Kauch. i rez.* 27 no. 7: 30-31 '68.
- Temperature transitions of the low molecular polyvinyl chloride. V. I. Zegolman, N. A. Okladov, I. N. Zil'berman. *Vysokom. sced. Ser. A* 10 no. 6: 1310-1321 Jan '68.
- Tenth Scientific-Technological Conference of Young Specialists. L. I. A. Kaplunova. *Kauch. i rez.* 27 no. 7: 57-58 '68.
- Thin calculating layers of noble metals and their use. P. A. Savin. *Ukhivn. i st. upr.* no. 3: 31-34 Apr '68.
- Transformation of allylvinylarene rubbers into three-dimensional polymers under the effect of diazoaminobenzene. S. G. Zhavoronok. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 11 no. 4: 480-485 '68.
- Vulcanization of chloroprene rubber by epoxy compounds. I. P. Cherentuk, G. A. Glokh, A. A. Poliakova. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 11 no. 4: 480-480 '68.
- 678(474.3)—Latvian S. S. R.
- Continuous lavsan fiber dyeing. K. D. Polshchinskii, L. M. Panchina. *Tekst. prom.* 20 no. 6: 61-62 Jan '68.
- 678(470)—White Russian S. S. R.
- Installation for drying moist polymer materials. L. S. Stobodan, V. I. Kasper. *Prin. Bel.* 8 no. 6: 43-44 Jan '68.
- 678(477)—Ukrainian S. S. R.
- Effects of insulating and washing on the strength of fabrics made from polymeric fibers. M. S. Filatov and others. *Tekst. prom.* 28 no. 6: 60-62 Jan '68.
- 678.4 Rubbers and natural macromolecules
- Characteristics of the present assortment of carbon black for the rubber industry and silted production fields. N. M. Lezhnev, O. S. Alenina. *Kauch. i rez.* 27 no. 7: 32-35 '68.
- Use of microporous rubber as gasket and seal material. I. G. Makarov. *Vod. i san. tekhn.* no. 5: 34 '68.
- Use of neutral oils of wool pyrolysis as softening agents for the regeneration of rubber. D. V. Tikhonchenko, E. M. Tsvetova, G. V. Toporkova. *Gidroliz. i isokhim. prom.* 21 no. 3: 6-10 '68.
- 678.5 Plastics
- Accelerated determination of the weatherproofness of plastics on a helio device. G. P. Kazanchian, U. V. Avakian. *Plast. massy* no. 3: 63-64 '68.
- Automatic capillary AKV-5 viscosimeter. A. A. Konstantinov, G. V. Vinogradov, I. V. Konukhin. *Plast. massy* no. 4: 50-61 '68.
- Elastic trends in the technological progress of the plastic industry. E. F. Vlasov, G. N. Zil'berman. *Plast. massy* no. 4: 3-4 '68.
- Blades of nitric axial fans from fiber-glass reinforced plastics. V. V. Vost'kov, V. I. Levchenko, V. T. Gorlyshkin. *Gor. zhur.* 143 no. 5: 64-66 May '68.
- Compression of synthetic fibers in a mass and its significance for technological processes. P. D. Bakhov. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 6: 20-36 '67.
- Determination of electrical homogeneity of conductive plastics. M. I. Kundiam, M. I. Topchiashvili. *Prin. tekhn.* no. 2: 96 Feb '68.
- Development of the basic equipment for processing plastics. S. V. Reutov, G. L. Korot'kov. *Plast. massy* no. 4: 53-54 '68.
- Effect of the arylmethylphenylendiolamine thermal stabilizer on some physico-mechanical properties of plastics. R. I. Kupchikov, V. G. Korot'skii. *Prin. Bel.* 9 no. 6: 41-45 Jan '68.
- Estimating the life of foamed phenol plastic by the method of accelerated heat aging. I. U. I. Iliozov, A. S. Pantin. *Stroi. mat.* 14 no. 8: 37-38 Apr '68.
- Friction welding of vinyl plastic pipes. V. C. Buhkin. *Mol. i spets. rab. v. irol.* 30 no. 8: 23-25 Apr '68.
- Instruments for measuring the index of thermoplastic media. G. V. Vinogradov. *Plast. massy* no. 3: 62 '69.
- Kinetics of trioxane polymerization in the presence of added water. G. V. Rakova, V. I. Kuznetsov, N. S. Enkolopov. *Dokl. AN SSSR* 180 no. 6: 1403-1405 Jan '68.
- Mechanical properties of tricalcote fabrics. M. I. Sukharev, Z. I. Korshunova. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 6: 15-18 '67.
- Prospects for the development and use of glass fibers and glass fabrics in the national economy. G. M. Razaevskii. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 8: 153-164 '67.
- Study of physical and mechanical properties of polyvinyl alcohol fibers. T. S. G. Ukleba. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 6: 19-22 '67.
- Studying some properties of fabrics with the use of acetyl cellulose fibers. M. S. Filatov and others. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 6: 23-27 '67.
- Testing plastic products during repairs. V. A. Ruzkov. *Trudy Soluzh. i NII Proekt* no. 17: 44-45 '67.
- Using polymers for the joints of prestressed reinforced concrete elements. O. V. Pavlovskii. *Trudy Soluzh. i NII Proekt* no. 17: 76-81 '67.
- 678.5(471.64)—Soviet Socialist Republics
- Problems of business accounting in plants. S. A. Efremov. *Plast. massy* no. 3: 65-66 '68.
- 678.5(73)—United States of America
- Parylene - new thermoplastic material. E. A. Chuchin. *Plast. massy* no. 3: 66-71 '68.
- Properties and processing of polyphenyleneoxide. V. V. Lapshin. *Plast. massy* no. 3: 71-73 '68.
- 678.6 Synthetic polycondensates: resins, fibers, etc.
- Atmospheric temperature dependence of the mechanical properties of polyurethanes. I. S. Lipatov, N. I. Shchel'skaya. *Dokl. AN SSSR* 179 no. 4: 879-881 '68.
- Change in the properties of polyester resins containing an initiator during storage. I. G. Zil'berman, I. R. Sedov, P. Z. Li. *Plast. massy* no. 4: 21-22 '68.
- Comparing the properties of warp-knit fabrics manufactured from different synthetic fibers. N. P. Vasil'shina, I. A. Legun, B. D. Sonik. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 3: 17-20 '68.
- Effect of light and thermoplasticizers on polymerization of polyester resin PN-1. N. N. Zaslavskii and others. *Plast. massy* no. 4: 13-14 '68.
- Effect of light and weather on the properties of knit fabric manufactured from high-bulk capron fiber. L. S. Smirnov. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 3: 27-32 '68.
- Effect of pH and temperature during dyeing of protein and polyamide fibers with dichlorotriazolo active dyes. G. I. Rukova, M. V. Korchagin. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 6: 101-100 '67.
- Effect of the rate of deformation on the strain diagram for compressed polyamides subjected to extension. V. F. Zaslavskii, N. H. Khristina. *Dop. AN USSR. Ser. A* 30 no. 5: 455-467 May '68.
- Effect of the temperature of glue hardening on the adhesive strength of compounds. L. M. Kovalchuk, A. M. Chislikov. *Plast. massy* no. 4: 65-66 '68.
- FR-1 phenol foam plastic. I. U. S. Marashov, V. D. Vait. *Plast. massy* no. 3: 22-24 '68.
- Hardening agents for epoxy resins. O. K. Mineeva, A. K. Surina. *Plast. massy* no. 3: 85-86 '68.
- Hardening of epoxy-phenol binding cementless concretes. I. U. A. Enkolova and others. *Plast. massy* no. 4: 14-16 '68.
- Initiation mechanism of ϵ -caprolactam polymerization with compounds containing amino group. A. P. Iliozov, S. A. Sukhorukova, K. A. Kornov. *Dop. AN USSR. Ser. B* 30 no. 7: 630-632 Jan '68.
- Interaction of basic chromium salts and water-soluble epoxy resins. O. N. Rodina, I. P. Strakhov. *Kozhev. obuv. prom.* 10 no. 6: 30-41 Jan '68.
- Mechanical-structural properties of polyamide films. Report No. 2. A. F. Mikhlikov, A. A. Pavlov. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 3: 60-64 '68.
- Mechanism underlying the action of the secondary aromatic amine type of antioxidants and their ethers during the radiation oxidation of *N*-butylpropanamide and polyacrylamide. A. I. Brodskii and others. *Dokl. AN SSSR* 170 no. 2: 370-373 '68.
- Molding under the pressure of compression-molded polyester compositions. G. G. Stankov and others. *Plast. massy* no. 3: 42-44 '68.
- New tertiary initiating systems for polyester binding agents. I. M. Al'shina and others. *Plast. massy* no. 4: 77 '68.
- Phenol-formaldehyde resins of an ortho-regular structure. V. A. Strupinskii. *Plast. massy* no. 3: 24-25 '68.
- Phosphonitrile polymers containing boron. A. V. Dorabina and others. *Plast. massy* no. 3: 28-31 '68.
- Physico-mechanical properties of rubbers extracted from softeners. K. A. Alekperov and others. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 11 no. 5: 809-893 '68.
- Properties of oriented films from polyethylene terephthalate. G. V. Sagat'ev and others. *Plast. massy* no. 4: 47-48 '68.
- Purification of polyester plasticizers. R. S. Barchuk and others. *Plast. massy* no. 4: 67-68 '68.
- Relaxing properties of films produced from polyethylene enforced by resorcinol-formaldehyde resin. L. A. Fomchenko, I. A. Mikhlikov, A. P. Mikhlikov, Izv. vys. ucheb. zav.; tekhn. i khim. tekhn. no. 3: 65-67 '68.
- Structure and properties of monolayers of phosphoric acid and polyamide resin, their physical mixtures as the product of their combination. E. P. Sushchikova, A. A. Trupchikov, V. A. Ogorev. *Kol. zhur.* 23 no. 6: 532-537 Jan '68.
- Study of thermal oxidation destruction of colored polyacrylamides. L. N. Mironovskii and others. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 11 no. 4: 403-409 '68.
- Studying methods for continuous dyeing of fabrics manufactured from polyamide fibers. T. M. Minina, I. V. Korshagin, V. O. Ignat'eva. *Tekst. prom.* 28 no. 1: 53 Jan '68.
- Studying the release resistance of polymer films. M. S. Filatov and others. *Izv. vys. ucheb. zav.; tekhn. i khim. tekhn.* no. 3: 14-16 '68.
- Synthesis of optically active secondary monomeric bis-urethanes. A. P. Terent'ev and others. *Zhur. ob. khim.* 38 no. 4: 715-720 Apr '68.
- Thermosolubilization of capron. I. U. N. Kuznetsov, I. R. Kulchuk, E. S. Kravchenko. *Plast. massy* no. 3: 36 Jan '68.
- 678.7 Synthetic polymerizates: rubbers, resins, etc.
- Aging of high density polyethylene under mechanical stresses. M. Nalov, St. Vasil'ov, V. Kabanov. *Dokl. AN SSSR* 180 no. 3: 646-648 '68.
- Chemically resistant Nitril rubbers. S. Iliut. *Prin. Bel.* 10 no. 7: 29-30 '68.
- Chromatographic analysis of products of isoprene synthesis. V. I. Kheifets, V. P. Babitski, G. K. Qarshin. *Zav. lab.* 34 no. 5: 529-531 '68.
- Copolymer of α -methylstyrene with acrylonitrile. N. S. Usmanova and others. *Plast. massy* no. 3: 7 '68.
- Creeping and long-term strength of high density polyethylene. D. P. Kagan, L. A. Kertov. *Plast. massy* no. 4: 11-12 '68.
- Dependence of the absorption of a plasticizer on the grain structure of supermolecular polyvinylchloride. V. I. Bulak'skaya and others. *Plast. massy* no. 3: 18-19 '68.
- Determination of optical anisotropy of polymer films by means of light scattering. E. P. Plakunova, E. G. Erebnburg, I. A. Polshchinskii. *Dokl. AN SSSR* 180 no. 6: 1395-1397 Jan '68.
- Determining nitrilchloride and methacrylonitrile by the method of derivative polarography. S. I. Mikhlikov and others. *Akrob. i tekhn. khim.* 47 no. 6: 33-34 Jan '68.
- Dielectric properties of polyvinylcyclohexane. S. T. Boronin and others. *Plast. massy* no. 3: 13-14 '68.
- Isotactic axis orientation of polypropylene films. S. V. Vinogradov, G. V. Sagat'ev, I. P. Belov. *Plast. massy* no. 4: 10-12 '68.
- Effect of carbon blacks on the strength of rubbers from chloroprene rubber, SKS-30-1 and SKD at normal temperature and at 130°C. I. T. Grigorenko and others. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 11 no. 4: 491-494 '68.
- Effect of impurities in ethylene on the synthesis and properties of high density polyethylene. N. M. Pavlov and others. *Plast. massy* no. 3: 6 '68.
- Effect of molecular weight and the nature of the solvent on the gradient dependence of the viscosity of high molecular polyethylene methacrylate solutions. E. A. Dekhturov, R. E. Legkova. *Izv. AN Kazakh SSR. Ser. Khim.* 18 no. 4: 33-38 Jan '68.
- Effect of polymerization conditions on the thermal stability of polyvinylchloride. A. M. Shchel'skii and others. *Plast. massy* no. 3: 6 '68.
- Effect of pressure on polyvinyl chloride degradation. M. M. Alimov and others. *Dokl. AN SSSR* 181 no. 2: 400-411 Jan '68.
- Effect of processing polyvinylchloride compositions on the efficiency of organic phosphorus as stabilizers. K. S. Mikhlikov and others. *Plast. massy* no. 3: 35-36 '68.
- Effect of the conditions of polymerization and heat treatment on the crystallinity of polyvinyl chloride. V. P. Lobachev, N. A. Okladov, M. N. Shlykova. *Plast. massy* no. 4: 8-9 '68.
- Effect of thermal treatment, irradiation, and filling on the thermo-mechanical properties of polypropylene. V. P. Solonko and others. *Dop. AN USSR. Ser. B* 30 no. 7: 642-645 Jan '68.
- Effect of varied dispersion attention on the rheological properties of propylene. T. M. Fomichov, G. V. Sagat'ev. *Plast. massy* no. 4: 14-18 '68.
- Fineness of polypropylene yarn. M. D. Raim. *Tekst. prom.* 28 no. 6: 29-30 Jan '68.
- Heterogeneous ion exchange membranes of various structure. G. S. Kolesnikov and others. *Plast. massy* no. 4: 22-24 Jan '68.
- Ionization of functional groups of carboxyl-containing latexes. I. L. Shmurak, V. N. Gulinov. *Kauch. i rez.* 27 no. 7: 20 '68.
- Methods for the evaluation of polyvinylchloride processing. I. N. Malyshov, A. A. Mikhlikov, B. P. Stankov. *Plast. massy* no. 4: 32-35 '68.
- Modification of diene rubbers by unsaturated acid salts during vulcanization. T. V. Litvinova, R. P. Kozlovskii, A. S. Novikov. *Kauch. i rez.* 27 no. 7: 2-5 '68.
- Molecular-weight distribution of polyethylene. G. P. Belov. *Plast. massy* no. 3: 17-21 '68.
- Outflow of styrene for polymer from the packing. N. V. Pavlov, A. N. Planovskii. *Plast. massy* no. 4: 63 '68.
- Photo-aging of polyethylene films. P. D. Zil'berskii and others. *Plast. massy* no. 3: 15-16 '68.

- Most advantageous variant of the transportation of stone blocks from the Karadag stone quarry to the building areas of the Baku Main Construction Administration. M. A. Mustafazade, L. Z. Baron, A. S. Gasanov. *Za tekhn. prog.* 5 no. 7-11-13 JI '65.
- New device against water hammer for irrigation pipelines. N. P. Iakovlev. *Trudy VNIIGIM* 43:104-121 '65.
- New solutions of the problem on the crystallization of a flat ingot. I. P. Ivantsov, B. T. Poliak. *Sbor. trud. TSNICHIM* no. 50:108-119 '67.
- On a problem of concave programming. S. I. Zukhovitskii, R. A. Poliak, M. E. Pinskiy. *Dokl. AN SSSR* 179 no. 4:785-788 '68.
- One language describing the operation of computers. A. Markov, N. Nagornyi. *Probl. kib.* no. 18:5-38 '67.
- Operational planning and the system of transmitting information. S. N. Vargin, V. A. Vainshtein, I. M. Martynov. *Zh. dor. transp.* 50 no. 2:8-12 F '68.
- Optimum distribution of machinery among construction sites. A. M. Popov. *Mekh. stroi.* 23 no. 10:18-21 O '68.
- Organizing a site setting base with the use of computers. A. S. Klinger, I. M. Ratner. *Vest. mashinostro.* 46 no. 2:77-80 F '68.
- Organizing programmed control of specialized digital differential analyzers for the modeling of power systems. P. G. Ali-Zade. *Za tekhn. prog.* 6 no. 3:16-18 '66.
- Pavlov, V. V. [Logical-type control devices] *Upravlineniye ustroystvami logicheskogo tipa*. Moskva, "Energiya," 1968. 80 p. (B-ka po avtomatike, Vyp. 279).
- Pinson, V. B. [Repair of watches] *Remont chasov. Moskva, "Legkaya industriya,"* 1968. 124 p. (Uchebnyy dlya podgotovki rabochikh massovykh professii).
- Preparation of data on cardiovascular diseases for processing on electronic computers. T. B. Postnova. *Vest. AN SSSR* 23 no. 5:58-60 '68.
- Primary processing of the curves of electric logging by means of electronic digital computers. S. M. Akseirod, G. K. Gauer, V. G. Belen'kii. *Azerb. nft. khvz.* 47 no. 6:12-13 Jo '68.
- [Problems of design and operation of electronic control computers] *Voprosy proektirovaniya i lapoz'zovaniya elektronnykh upravliniushchikh mashin*. Kiev, "Naukova dumka," 1968. 169 p. (Reep. mazhred. sbornik. Kibernetika i vychislit. tekhnika).
- Problems of minimization of information in the determination of petroleum production costs with the use of computers. A. A. Abdullayev, B. I. Samoilovskiy, A. A. Alimchik. *Za tekhn. prog.* 8 no. 3:10-13 Mh '60.
- Progressive norms for traffic schedule graphs. Zh. dor. transp. 60 no. 2:76-77 F '68.
- Prospects for the use of mathematical methods and electronic computers in the organization and planning of ship repairs. N. E. Dmitrieva, A. I. Khalil. *Trudy TSNICHIM* 13 no. 84:60-72 '67.
- Realization of functions of algebra of logic in one class of networks consisting of functional and switching elements. S. S. Kravtsov. *Probl. kib.* no. 19:265-292 '67.
- Reliability of magnetic tape memory devices. Part 3: Information density of a magnetic discrete data recording system. A. Klna. *Trudy AN Lit. SSR. Ser. B* no. 1:105-108 '68.
- Selection of initial data for designing remote control systems of the currents of electrochemical installations. G. I. Akhverdiev. *Za tekhn. prog.* 0 no. 5:10-12 My '60.
- Selection of optimal dosage fields in irradiation. U. V. Ignat'ov. *Vest. AN SSSR* 23 no. 5:91-95 '68.
- Selection of principal parameters of a piezoceramic adding element. R. G. Dzhangupov, G. S. Vaisman. *Izv. vys. ucheb. zav.; prib.* II no. 4:60-72 '68.
- Sol. of irregular leveling programs for the electronic digital computer "Razdan-2." N. V. Avakov. *Ogod. i kart.* no. 4:10-27 Ap '68.
- Setting control of instruments and gauges in hydraulic structures. M. M. Dorokhov. *Gidr. stroi.* 36 no. 9:53-64 S '68.
- The "Sibirak" EE-II-M4 machine. I. Markhal. *Radio no. 6:14-17 Je '68.*
- The "Signal" machine. E. P. Kostakova. *Prib. i sist. upr.* no. 3:29-30 Mr '68.
- Solution of diagnostic problems by means of electronic computers. M. L. Bykhovskii. *Vest. AN SSSR* 23 no. 5:41-52 '68.
- Solution of ill-posed problems of mathematical programming using electronic structural models. I. E. Bragimov, Z. S. Marbin. *Za tekhn. prog.* 5 no. 7:13-17 JI '65.
- Solution of the problems of the theory of well electrometry using digital computers. A. I. Kolosov. *Trudy MINKHIMP* no. 87:152-163 '67.
- Solving problems of steadiness on electronic computers. A. T. Zolotarev, V. N. Nakozin. *Sbor. trud. CIPI* no. 38:93-95 '68.
- Some epidemiological experiments conducted on electronic computers. O. V. Iarolan, L. A. Rybachev. *Vest. AN SSSR* 23 no. 5:32-34 '68.
- Some problems of the analysis and the processing of algorithms (on electronic computers) of summary electric signals in the nerves. R. I. Babulov, B. M. Khalilov. *Vest. AN SSSR* 23 no. 5:28-31 '68.
- Some results achieved in the theory of expressions of infinite length. O. V. Chudnovskii. *Dokl. AN SSSR* 179 no. 6:1288-1289 Ap '68.
- Statistical modeling of heels with the use of dynamic programming. M. A. Clinkov and others. *Izv. vys. ucheb. zav.; chern. mel.* II no. 7:180-192 '68.
- Statistical processing of neuronal activity by means of multichannel impulse analyzers. V. V. Alfanzov, B. I. Kotlar, V. V. Shulgovskii. *Zhur. vys. osv. del.* 18 no. 4:745-748 JI-Ag '68.
- Study of the mechanism of the origination of ventricular fibrillation in myocardial infarct by means of mathematical modeling on hybrid computers. B. I. A. Kogan and others. *Vest. AN SSSR* 23 no. 5:10-28 '68.
- Thermal calculation of industrial boiler heating systems by Dyal-2 computer. G. A. Titova. *Vod. i san. tekhn.* no. 3:28-31 '68.
- Testing automatic water meter and regulator. I. S. Merkur'ev. *Trudy VNIIGIM* 43:122-131 '65.
- Threshold logic functions and their use in the optimization of the logic of relay protection and automatic equipment. V. E. Poliakov, G. M. Proskurin, V. L. Skolotnikov. *Izv. vys. ucheb. zav.; energ.* II no. 8:7-12 Ag '68.
- Thyristor time relay. M. B. Shechedria. *Izv. vys. ucheb. zav.; prib.* II no. 4:68-68 '68.
- Unit for information processing. B. G. Dukarovich, M. N. Lipin, N. S. Peshova. *Mech. i avtom. protzv.* 22 no. 4:40-43 '68.
- Use of analog computers for designing shock absorbers in cranes. T. S. Dzhalisev. *Vest. mashinost.* 46 no. 2:40-41 F '68.
- Use of electronic computers for the optimization of apartment design features. D. N. Lablonskii. *Stroi. i arkh.* 16 no. 7:26-27 JI '68.
- Use of electronic computers in plotting seismic sections on the basis of data of the controlled directional sensitivity method. U. I. Izvarin. *Neftegaz. geol. i geofiz.* no. 1:37-41 '68.
- Use of EMV-8 electrical analog apparatus for calculation of air exchange and heating systems in buildings. V. E. Konstantinova. *Vod. i san. tekhn.* no. 3:24-28 '68.
- Use of linear excitation in solving integral extremum problems by overwork methods. I. V. Romanovskii. *Dokl. AN SSSR* 181 no. 1:22-25 JI '68.
- The use of marginal-hole punched cards in the bibliographical card catalogs of the Research Institute of Radiophysics. V. T. Fedorov, G. M. Sharonova. *NTI. Ser. I* no. 6:20 '68.
- Use of punched cards in the study of the ophiology of rheumatism. B. G. Laita and others. *Sov. med.* 31 no. 3:133-136 Ap '68.
- Use of specialized analog computers for the calculation of dosage fields in radiotherapy of malignant tumors. V. B. Ushakov and others. *Vest. AN SSSR* 23 no. 5:86-91 '68.
- Use of threshold functions in the description and analysis of analog-digital devices. V. M. Kirpichnikov, G. I. Mikhalevskii. *Izv. vys. ucheb. zav.; prib.* II no. 4:83-87 '68.
- Using blueprints for the input of initial information to machine tools with programmed control. E. D. Morozov. *Trudy LITV* no. 95:19-23 '67.
- Using digital control computers for the automation of catalytic cracking. I. K. Parja, B. A. Stegov. *Radi. i gaz. prom.* no. 3:53-64 Myr-Jo '68.
- Using electronic digital computers for designing optimal formation structures under walls. E. P. Vinokurov, V. E. Ilyukovskiy, K. I. Vashchevich. *Osn. i fund. tekhn. gran.* 9 no. 6:17-18 '67.
- Using programmed instruction in the independent work of students. E. D. Morozov, I. S. Abolov. *Trudy LITV* no. 95:3-12 '67.
- Vsesoyuznaya konferentsiya po informatsionno-poiskovym sistemam i avtomatizirovannym obrabotke nauchno-tekhnicheskoi informatsii. 3d. Moskva, 1968. (Transactions of the Third All-Union Conference on Information Retrieval Systems and Scientific and Technical Information Processing. In four volumes). *Trudy. V 4-akh t.* Pod obshch. red. A. I. Mikhailova, I. I. Petrova, D. I. Voskobolnikova. Moskva.
- T. 3. [Automatic reading equipment] *Avtomaticheskoe chitalushcheye ustroystvo*. 1967. 305 p.
- Yul'fson, I. A., V. G. Zisman, and A. G. Rozhnov. [Coding of the information of control programs] *Kodirovaniye informatsii upravliniushchikh program*. Moskva, "Energiya," 1968. 95 p. (B-ka po avtomatike, Vyp. 204).
- We use perforated cards. M. Kurnyov. *Bibliotekar'* no. 7:37-48 '68.

68L1 (471. 310)—Moscow City

- Cabinet gas meter. *Zh. i kom. khvz.* 18 no. 2:16 F '68.
- El'mov, A. E. [Meet the chief economist] *Znakomites' glavnogo ekonomista*. Moskva, "Mosk. rabochii," 1967. 80 p. (Problemy i klavirery).

68L1 (477)—Ukrainian S. S. R.

- Method of studying the optimum levels of natural gas consumption by the main industrial branches of the Ukrainian S. S. R. V. Kalchenko, M. Minia. *Ekon. Rad. Ukr.* 10 no. 4:68-69 Ap '68.

68L2 Instrument making. Instrumentation

- Application of information theory concepts to problems in measuring techniques. A. S. Rivkin. *Izm. tekhn.* no. 2:63-65 F '68.
- Bobynovskii, I. A., and O. N. Vinchenko. [Mechanization and automation of control operations in the manufacture of machines and instruments] *Mekhanizatsiya i avtomatizatsiya kontrolykh operatsii v mashinostroenii i priborostroenii*. Kiev, Izd. Kievskogo un-to, 1968. 232 p.
- Calculation of axial rigidity of single-layer bonded bellows. V. A. Zaplotokhin. *Izv. vys. ucheb. zav.; prib.* II no. 4:109-113 '68.
- Calculation of error in the measurement of the average value of fluctuating quantities by differential frequency transducers. V. I. Sergoov, A. V. Ivanov. *Izv. vys. ucheb. zav.; prib.* II no. 4:27-31 '68.

- Calculation of errors of measuring devices. *Izm. tekhn.* no. 2:15-18 F '68.
- Calculation of the output capacity of an instrument manufacturing plant using the "Prad-4" computer. V. V. Gantshukina, I. U. A. Kozulnikov, V. K. Kozulnikov. *Prib. i sist. upr.* no. 3:36-39 Mr '68.
- Calibration of a GGP-1 gamma-densitometer. V. B. Kostukov, B. V. Loskov, A. V. Sukhol. *Trudy SoluzMorNIIProekt* no. 19:101-103 '68.
- Construction and design of inductive transducer with solid magnetic circuits and a variable reluctance. A. I. Shevelin. *Izm. tekhn.* no. 2:77-78 F '68.
- Control tests as an effective means for increasing the quality of measuring instruments. V. N. Shteynberg. *Izm. tekhn.* no. 2:70-72 F '68.
- Depth and length gauges for determining the center of centerline of rectangular transducers. I. A. Iakubov. A. I. Shevelin. *Izm. tekhn.* no. 2:77-78 F '68.
- Device for determining pressure, compaction, and deformation of a casting mixture. E. I. Holov, I. A. Iakubovich. *Izm. tekhn.* no. 11:80-81 N '68.
- Device for determining spectral reflecting coefficients. D. M. Shcherbina. *Izm. tekhn.* no. 2:31-32 F '68.
- Device for measuring the irregularity of metal shafts. K. Kaitinov. *Izm. tekhn.* no. 2:84-85 F '68.
- Equipment for determining the resistance of ferrous metal soil at the lateral surface of pillars in the bottom of their lower ends. A. A. Dolinskii. *Trudy SoluzMorNIIProekt* no. 19:94-98 '68.
- Equipment for the manufacture, calibration, and testing of transducers with low-resistance thermocouples. A. I. Bedritskiy, I. I. Pashchuk, V. V. Ansharov. *Trudy SoluzMorNIIProekt* no. 19:31-33 '68.
- Errors of measuring equipment. M. A. Zvezdovskiy. *Izm. tekhn.* no. 11:22-28 N '68.
- Errors of two-channel phase measuring system in the action of noise. A. P. Ignatov, S. K. Karb. *Avtometriya* no. 1:80-88 Ju-F '68.
- Errors of a two-step integrating pyroelectric crystal dynamic unbalance of the rotor. I. I. Kuznetsov. *Prib. i sist. upr.* no. 4:93-97 '68.
- Form of the freight platform of telemetric control weighing moving automobiles. A. S. Lindin, S. S. Shatkin, I. A. Pashchukov. *Izm. tekhn.* no. 2:84-85 F '68.
- Improved design of attenuators. I. M. Pashchuk. *Izm. tekhn.* no. 2:80-81 F '68.
- Improvement of a device for determining the efficiency of semiconductor thermocouples. A. I. Vainov. *Izm. tekhn.* no. 11:83-85 N '68.
- Increasing the resolving power a measuring instrument. V. Z. Klimits. *Trudy SoluzMorNIIProekt* no. 19:78-78 '68.
- Index of new instruments. *Prib. i sist. upr.* no. 4:40-43 Mr '68.
- Instrumentation for transducers with low-resistance thermocouples. A. A. Dolinskii, I. I. Pashchuk, I. I. Kuznetsov. *Trudy SoluzMorNIIProekt* no. 19:11-13 '68.
- Instrumentation in the investigation of materials in structures. A. I. Kuznetsov, V. Z. Klimits, I. A. Arsl. *Trudy SoluzMorNIIProekt* no. 19:14-15 '68.
- Interferometric methods for calibrating vibratory measuring equipment. V. I. Danash, Izm. tekhn. no. 2:84-85 F '68.
- Interpolation error of a random function at a discrete interval. I. U. I. Horov, I. I. Chelpanov. *Prib. i sist. upr.* no. 2:10-20 F '68.
- Kruglov, G. A. [Measuring instrument plants with cutting tools] *Obrabotka al'maznykh rezhushchimi priborami*. Moskva, "Mashinostroenie," 1968. 227 p.
- Laboratory blank equipment for determining the resistance of clay soils. A. S. Kuznetsov. *Trudy SoluzMorNIIProekt* no. 10:100-101 '68.
- Low-resistance, high-capacity wire transducer. A. A. Dolinskii, N. I. Dmitriyev, V. V. Kuznetsov. *Trudy SoluzMorNIIProekt* no. 19:5-15 '68.
- Measurement of a thread with a large rise angle. A. I. Ivantsov. *Izm. tekhn.* no. 11:32-38 N '68.
- Measuring possibilities of string transducers. A. V. Sevorov. *Trudy SoluzMorNIIProekt* no. 19:31-33 '68.
- Mechanisms of fine shills. N. V. Iofinova. *Izm. tekhn.* no. 2:27-28 F '68.
- Metrological aspects of industrial analytical instruments. A. B. Shatkov, V. V. Danilevskiy, T. A. Kuznetsov. *Izm. tekhn.* no. 11:11-15 N '68.
- Pavlov, V. A. [Principles of the design and calibration of gyroscopic instruments] *Osnovy proektirovaniya i kalibratsii giroskopicheskikh priborov*. Leningrad, "Sudacromto," 1967. 407 p.
- Relation between wave elements and level fluctuations in a macrograph. I. B. Tishkin. *Trudy SoluzMorNIIProekt* no. 19:78-79 '68.
- Homolog acting dynamometer for the measurement of exciting forces. R. N. Krivobokov, and others. *Trudy SoluzMorNIIProekt* no. 19:41-42 '68.
- Replies to the inquiries of our readers. *Izm. tekhn.* no. 11:73-74 N '68.
- Resonance measurements of the rate of elastic wave propagation in unconsolidated soils. A. S. Iofinova, I. I. Mirandov. *Trudy SoluzMorNIIProekt* no. 19:11-13 '68.
- Sensing elements with wound ferromagnetic transducers. F. V. Shatkov, E. N. Krivobokov. *Trudy SoluzMorNIIProekt* no. 19:34-40 '68.
- Session of technological committee No. 13 and of the subcommittee of the International Electrical Engineering Commission "Measuring instruments." K. P. Shirkov. *Izm. tekhn.* no. 11:74-75 N '68.
- Some problems of the comparison of measuring instruments. Z. A. Livshits. *Avtometriya* no. 1:100-112 Ju-F '68.
- Transducer of tangential soil stresses on the basis of a two-component dynamometer. G. A. Arsl. V. Z. Evstigneev, V. Z. Klimits. *Trudy SoluzMorNIIProekt* no. 19:87-91 '68.

continued)

ers for the measurement of hydrostatic and
static pressures. B. I. Siparberg. Trudy
NIIProekt no. 19 85-03 '68.
ers for the measurement of forces in cushion-
against ship bumping. B. I. Siparberg. Trudy
NIIProekt no. 19 24-31 '68.
Automatic thermal mass measuring scales.
I. denov, N. A. Smirnova, V. T. Feoktistov. Izv.
no. 11-35-38 N '68.
p gyroscope system with inclined rotors. V. V.
ov. Trudy KAI no. 75-61-69 '63.
registrator with transverse recording. A. S.
V. I. Mironov. Trudy Stuzh. NIIProekt
15-15 '68.
entropy value of error as an accuracy crite-
ria and measurements. P. V. Ivanova,
ndraashkova. Izv. tekh. no. 11-28-32 N '68.

681.3(471.56)—Orenburg Province
m and the effectiveness of the collective.
lev. I. Ukhov. Sov. proislozhu 24 no. 14:
'68.

al apparatus
ography of three-dimensional objects. Sh. D.
shvili, A. I. Kovaleva, V. A. Rukhizko. Opt. i
24 no. 4:627-629 Ap '68.
ts of the unloading by Danjon-Condor. E. G.
Vid. Izv. GAO 24 no. 6:269-275 '67.
Zi: leveling theodolite. A. T. Lina, V. S. Red'kov,
kern. no. 4:31-38 Ap '68.
the preparation of diaphragms with micron aper-
t. B. Rozenfeld and others. Izv. AN SSSR, Ser.
no. 7:1220-1223 Ji '68.

681.4(431)—German Democratic Republic
ing the quality of articles in the national enter-
"Karl Zeiss Jena." Martin Dietrich. Sots.
no. 2:54-58 F '68.

chnical acoustics. Musical instruments. Sound record
production

mechanical "vibrator" for an electric gullar.
ev. Radio no. 6:43-44 Je '68.
microscopic study of ultrathin cuts on magnetic
N. K. Iakubson. Izv. AN SSSR, Ser. fiz. 32
06-1210 Ji '68.
-type electric musical instrument. A. Ovsish-
v. Radio no. 6:44-46 Je '68.
ravelli" phonograph. G. Kochetov, D. Fedorov.
no. 6:42-43 Je '68.
re amplifying attachment to the "Noin" instru-
V. Novov. Radio no. 6:47-48 Je '68.
orized magnetic tape recorder. V. Golubov.
no. 6:14-16 My '68.

hdbuilding. Furniture and cabinetmaking. Upholstery

684(479.25)—Armenian S. S. R.
elton cost in the furniture industry. V. Iatolan.
Arm. 16 no. 7:40-50 '68.

tery. Footwear. Gloves. Travel, sport, games and
equipment

ing of engineers, technicians, and employees under
working conditions. K. F. Lapskova. Kozhev.
prom. 10 no. 6:4-6 Je '68.
Leather shoe grading by defects in the external
ance. A. V. Pavlin, I. U. A. Kavkazov. Izv. vys.
zav. : tekhn. leg. prom. no. 3:100-113 '68.
ative analysis of the effect of different salt con-
itions added to basic chrome sulfate during tan-
the formation of the leather structure. I. V.
st'kina, M. P. Kolov. Izv. vys. ucheb. zav. : tekhn.
om. no. 3:86-101 '68.

ion between the size of the shoe and the length
foot. L. P. Gurova, I. U. P. Zybina. Kozhev. obuv.
10 no. 6:31-34 Je '68.

tion method for the study of the effectiveness of
pecialization in the shoe industry. Report No. 3.
afanas'ev, T. A. Gryzlova. Izv. vys. ucheb. zav. :
leg. prom. no. 3:3-6 '68.

he characteristics of temporary zones of n
type, shoemaking machine. N. I. Tsyrl'nikov.
g. ucheb. zav. : tekhn. leg. prom. no. 3:156-160 '68.
ad glue for tightening children's shoes. L. P.
ova, E. A. Nisnevich, I. U. V. Kondrashova.
v. obuv. prom. 10 no. 6:22-23 Je '68.

pylono heels for men's shoes. E. I. Bukankov and
others. Izv. vys. ucheb. zav. : tekhn. leg. prom. no. 1:86-
88.

uality in fastening artificial materials on 34th and
class machines. S. K. Aslratova, T. A. Akulova,
Atuklich. Kozhev. obuv. prom. 10 no. 6:24-27
'68.

of soles manufactured from "kozhivolon." A. M.
n and others. Kozhev. obuv. prom. 10 no. 6:
Jo '68.

ing the imprint of a tightened shoe. Report No. 1.
Zamarskikh, A. S. Shvarts. Izv. vys. ucheb.
tekhn. leg. prom. no. 3:102-108 '68.

physicochemical changes on the surface of shoes
after treatment with an abrasive instrument.
t No. 1. I. V. Barakauskas, N. K. Barabot. Izv.
ucheb. zav. : tekhn. leg. prom. no. 3:96-101 '68.

the motion process of flat parts with a positive
V. F. Goncharenko, G. A. Piskorski, V. M. Gon-
chko. Izv. vys. ucheb. zav. : tekhn. leg. prom. no. 1:
20 '68.

Studying the distribution of pressures by shoe imprint
during the vulcanization of rubbers. B. M.
Stoupin, A. S. Shvarts. Kozhev. obuv. prom. 10
no. 6:27-30 Je '68.
Use of pneumaticulating trays for the transportation
of soft flat parts. Report No. 1. M. I. Petrasuk, G. A. Pi-
korski. Izv. vys. ucheb. zav. : tekhn. leg. prom. no. 3:
143-145 '68.

685(471.232)—Leningrad City
Initiative pays off. N. Mitrosov. Kozhev. obuv. prom.
10 no. 5:60-61 Je '68.

685(471.44)—Sverdlov Province
The art of production and incentives for improving the
quality of production in a shoe factory. T. Saalova,
V. Malvin. Sots. trud. 13 no. 5:46-50 My '68.

685(471.51)—Udmurt A. S. S. R.
Practice in adopting scientific organization of labor at
the Sankhul Shoe Factory. B. A. Sarguev, I. G.
Torokhova. Kozhev. obuv. prom. 10 no. 6:9-10
Je '68.

685(470)—White Russian S. S. R.
Practice of the "Korcan" Factory in Grodno in increasing
the output of the shoe production. I. A. Zankov. Kozhev.
obuv. prom. 10 no. 6:15-16 Je '68.

685(477)—Ukrainian S. S. R.
Use of LNT-1 glue in shoe manufacturing enterprises of
the Ukrainian S. S. R. V. N. Korobchenko. Lekh. prom.
9 no. 3:45-46 Ji-Ag '68.

685(6)—Africa
Shoe industry in African countries. G. A. Rozen. Kozhev.
Kozhev. obuv. prom. 10 no. 6:53-60 Je '68.

686 Bookbinding. Gilding. Silvering. Minors. Glazery.
Writing and office articles
Unit for galvanic metalizing of graphic granules. A. F.
Iapankova and others. Lekh. prom. 9 no. 4:31-33 Ji-
Ag '68.

687 Clothing Industry. Toilet articles, brushes, etc.
Adoption of the laboratory method for the evaluation of
the wear and tear of underwear knits. D. P. Simonenko,
N. N. Pozhidova. Izv. vys. ucheb. zav. : tekhn. leg. prom.
no. 1:27-30 '68.

All-Union Scientific and Technological Seminar. Siveln.
prom. no. 3:39 My-Je '68.

Analysis of the system for controlling semiautomatic and
automatic machinery of the clothing industry. S. I. U.
Polivanov, N. V. Sumarokov, I. I. Kapustin. Siveln. prom.
no. 3:15-19 My-Je '68.

Chernomykh, A. I. [Principles of artistic design in cloth-
ing] Osnovy khudozhestvennogo proektirovaniya odevity.
Moskva, "Legkaya industriya," 1968. 218 p.
Designing an appropriately shaped pad for the steam-
and-heat treatment of the interlining of a jacket. Z. S.
Zakharova, A. V. Savitskiy. Izv. vys. ucheb. zav. :
tekhn. leg. prom. no. 3:130-133 '68.

Device for determining the resistance of capron hosiery
to snagging. Z. A. Tokunova. Tekst. prom. 28 no. 4:
71-76 Je '68.

Diagram of the surface of a wire frame for a mannequin
of the human body. V. N. Ungolov. Izv. vys. ucheb.
zav. : tekhn. leg. prom. no. 3:134-142 '68.

Effect of some factors on the wear of shuffles of high-
speed sewing machines. V. V. Raebok, V. V. Storojov,
Izv. vys. ucheb. zav. : tekhn. leg. prom. no. 3:160-154 '68.

Evaluating the working conditions for the machinery of
the clothing industry in the selection of electric drives.
O. A. Smirnova, B. P. Medvedov, S. M. Vorobov. Siveln.
prom. no. 3:19-23 My-Je '68.

Evenness of the loop structure on knit outerwear products
manufactured on the cotton machine. Zh. S. Sadikova,
L. P. Ipatova. Lekh. prom. 9 no. 4:34-36 Ji-Ag '68.

Improving the assortment of clothing by types, sizes and
lengths. L. P. Udina, A. V. Savitskiy. Izv. vys.
ucheb. zav. : tekhn. leg. prom. no. 1:76-80 '68.

Machines with chain stitch. I. P. Khlynskiy. I. N. Zhyp-
kova. Lekh. prom. 9 no. 4:49-52 Ji-Ag '68.

Manufacture of products in optimum batches as a source for
the increase of production effectiveness. I. I. Fostov-
skiy, E. G. Aktiv-Avseev. Siveln. prom. no. 3:8-9
My-Je '68.

1968 Spring Fair in Leipzig. Siveln. prom. no. 3:35-36
My-Je '68.

Optimum and minimum admissible power in a sewing en-
terprise. I. I. Novik. Lekh. prom. 9 no. 4:13-15 Ji-
Ag '68.

Production of clothing from synthetic polymer fabrics.
K. F. Ginsburg, P. S. Peshkin. Izv. vys. ucheb. zav. :
tekhn. leg. prom. no. 3:139-142 '68.

Some problems of increasing production effectiveness in
the clothing industry. G. V. Novik, I. I. Kapustin.
Siveln. prom. no. 3:3-7 My-Je '68.

Temperature effect on the strength of sewing thread during
sewing. M. I. Sukharov, V. E. Bedenko. Siveln. prom.
no. 3:25-27 My-Je '68.

Unit for the printing of control labels. F. N. Korotenko.
Lekh. prom. 9 no. 4:44 Ji-Ag '68.

Your work suit. N. L. Zhafeynova. Mashinostroitel'
no. 2:36-37 F '68.

687(471.321)—Orel Province

Effect of the processing of the ironing surface on the
intensity of shine on fabrics. A. P. Mikhauskas, A. B.
Khranchukaitis, M. M. Gutauskas. Siveln. prom. no. 3:
23-24 My-Je '68.

Study of the process of fabric cutting with CO₂ laser
rays in the clothing industry. G. P. Baziuk and others.
Siveln. prom. no. 3:12-16 My-Je '68.

687(471.61)—Rostov Province

Use of the electronic Razdan-2 computer for calculation
of the cutting of fabrics in layers. Z. G. Dudkina.
Siveln. prom. no. 3:10-11 My-Je '68.

687(476)—White Russian S. S. R.

Combined method in sewing shops. N. A. Rubinshtein.
Prom. Del. 9 no. 6:11-12 Je '68.

Direct connections of industry and trade. L. F. Krav-
chenko. Prom. Del. 9 no. 6:9-11 Je '68.

Industry which clothes and shoes. A. V. Nishpor. Prom.
Del. 9 no. 6:8-9 Je '68.

Reconstruction of the needle holder. V. V. Bergashev.
Prom. Del. 9 no. 6:48-49 Je '68.

Reconstruction of the 27th class button machine used for
sewing flat four-hole buttons. M. M. Zolf, G. V. Kudro-
vich. Siveln. prom. no. 3:28-29 My-Je '68.

Work of efficiency promoters at the Minsk Union of the
Clothing Industry aimed at Krupska. M. M. Zolf,
N. K. Zhdan. Siveln. prom. no. 3:29-30 My-Je '68.

687(477)—Ukrainian S. S. R.

Economic effectiveness of adopting new machinery in the
clothing industry of the Ukrainian S. S. R. L. B. Pol-
skhron, S. I. Kovalenko. Izv. vys. ucheb. zav. : tekhn. leg.
prom. no. 1:8-12 '68.

687(571.51)—Krasnoyarsk Territory

Grand knit goods factory on the Yenisey River. D. F.
Delushaykin. Tekst. prom. 28 no. 5:20-32 My '68.

688 Fancy and decorative goods. Toys
The national toy. G. Blinov. Doshk. vosp. 41 no. 2:100-
102 '68.

00 BUILDING INDUSTRY, MATERIALS, TRADES,
CONSTRUCTION

Assembly of large-panel houses in villages. K. Fro-
mol't. Mekh. stroit. 23 no. 7:23-24 Ji '68.

Automating construction work. A. A. Izmailov. Mekh.
stroit. 25 no. 7:2-4 Ji '68.

Builder's Day. Stroit. nit. 14 no. 8:1-2 Ag '68.

Characteristics of planning for scientific labor organiza-
tion in construction. S. Sharapova. Sots. trud. 13
no. 2:99-102 P '68.

Complex mechanization in the installation of mastic roof-
ing. I. U. B. Slavko. Mekh. stroit. 25 no. 8:6-7 Ag '68.

[Construction specifications and regulations] Stroitel'nye
normy i pravila. Izd. otk. Moskva, Stroitelizdat.
Ch. 2. Razd. B. Gl. 6. [Pile foundations. Design
specifications] Svoinye fundamenty. Normy
proektirovaniya. SN i P II-B. 6-67. Uiv. 28/VII
1967 g. 1968. 20 p.

Ch. 2. Razd. I. Gl. 12. [Concrete and reinforced-
concrete gravity dams on soft foundation beds.
Design specifications] Betonnye i zhelezobeton-
nye gravitatsionnye damy na neekn'nykh osnovah.
Normy proektirovaniya. SN i P II-B. 12-
67. Uiv. 28/VII 1967 g. 1968. 39 p.

Ch. 2. Razd. L. Gl. 0. [Schools of higher education.
Design norms] Vysshie uchebnye zavodnitsa.
Normy proektirovaniya. SN i P II-L. 6-67.
Uiv. 31/III 1967 g. 1967. 20 p.

Ch. 2. Razd. N. Gl. 6. [Storage buildings for dry
mineral fertilizers and chemicals for plant pro-
tection. Design norms] Sklady sukhikh mineral'-
nykh udobreniy i khimicheskikh sredstv zaschity
rasteniy. Normy proektirovaniya. SN i P II-N.
6-67. Uiv. 20/VII 1967 g. 1968. 9 p.

Ch. 3. Razd. D. Gl. 1. [Earth structures. General
regulations on the execution of work and accept-
ance of completed work] Zemlianye sooruzheniya.
Obshchie pravila proizvodstva i priemki rabot.
SN i P II-B. 1-62. Uiv. 20/XII 1962 g. 1967.
41 p.

Ch. 3. Razd. D. Gl. 10. [Main pipelines. Regulations
for the construction work organization, execution
of work, and acceptance of completed work]
Magistral'nyye truhoprovody. Pravila organizatsii
stroitel'stva, proizvodstva rabot i priemki v
eksploataatsii. SN i P II-D. 10-62. Uiv. 28/V
1964 g. 1968. 24 p.

Ch. 3. Razd. C. Gl. 1. [Sanitary installations in
buildings and structures. Regulations on the
execution of work and acceptance of completed
work] Sanitarno-tekhnicheskie oborudovaniya
zdaniy i sooruzheniy. Pravila proizvodstva i
priemki rabot SNIP III-G. 1-62. Uiv. 29/XII
1962 g. 1966. 37 p.

Ch. 3. Razd. K. Gl. 2. [Landscape architecture.
Regulations for the execution of work and
acceptance of completed work] Oozoraniye.
Pravila proizvodstva i priemki rabot. SNIP
III-K. 2-67. Uiv. 2/VI 1967 g. 1968. 12 p.

Contactless position indicators. L. I. Zelenisova. Mekh.
stroit. 23 no. 10:22-23 O '68.

- Current problems in improving the financing of construction. P. Podshivlenko. Fin. SSSR 42 no. 8:3-12 Ag '68.
- Current problems of establishing work norms in construction. V. Zolotarev and others. Stal. i trud 11 no. 8:115-120 Ja '68.
- Determining the needed number of erecting machines by the cost of their operation. I. I. Kobeltseki, S. A. Pichugin. Trudy KHIIT no. 97:71-74 '68.
- Determining the residual cost of construction machinery. L. M. Borovik. Mekh. stroi. 25 no. 8:9-11 Ag '68.
- Development of building and road machinery construction during the past 50 years. V. A. Bauman. Mekh. stroi. 24 no. 6:2-8 Ja '67.
- Device preventing the falling of crane arms. G. A. Rybchenko. Mekh. stroi. 23 no. 7:14-15 Ja '68.
- Dismantling of dump mounts in the Donetsk Basin. A. P. Degtiarev, N. K. Ivanov. Mekh. stroi. 23 no. 16:8-9 O '68.
- Dronov, F. A., and V. P. Karavaev. [Effectiveness of capital investments in construction] [Efektivnost' kapital'nykh vlozhenii v stroitel'stve]. Minsk, "Nauka i tekhnika," 1968. 171 p.
- Effect of labor productivity increase in the erection of buildings on the rise of the economic effect in construction. I. I. Kobeltseki, S. A. Pichugin. Trudy KHIIT no. 97:65-70 '68.
- Economic reform in construction. IU. Pak. Stal. i trud 13 no. 6:27-35 Ja '68.
- EKB swamp excavator crane. M. M. Cherenin. Mekh. stroi. 23 no. 7:24-25 Ja '68.
- Expand socialist competitions for the ahead-of-schedule fulfillment of the five-year plan. Zhil. i kom. khoz. 18 no. 2:4 F '68.
- Experience of using aggregate in the construction of highway bridges. L. V. Polakov. Stal. i trud, tekhn. 29 no. 1:39 Ja '67.
- Fifth Congress of the Scientific and Technical Society of the Construction Industry. V. Dozhnova. Zhil. stroi. 11 no. 5:28-29 '68.
- For the good of our country. Stal. i trud, tekhn. 29 no. 5:1-5 My '68.
- From practice in leasing credit for cooperative and private housing construction. D. Pudikov. Fin. SSSR 42 no. 7:76-78 '68.
- Front-rank workers. Mont. i spets. rab. v stroi. 30 no. 8:3-6 Ag '68.
- [Handbook of consolidated indices of estimated cost and expenditure of resources, buildings and structures of therapeutic and prophylactic institutions] [Spravochnik ukhronnykh pokazatelei smetnoi stolimosti i raskhoda resursov, zdaniia i sooruzheniia lechebno-profilakt. uchrezhdenii]. Izd. ofis. Moskva, Stroiizdat.
- Vyp. 1. [Complexes of therapeutic institutions and separate therapeutic buildings] Kompleksy lechebnykh uchrezhdenii i otdel'nye lechebnye zdaniia, Uv. 5/VI 1987 g. Vvod. v detselvio s 1-go ianv. 1989 g. 1988. 302 p.
- Improve the procedure for financing construction with funds from the centralized sources. A. Tolstykh. Fin. SSSR 42 no. 9:52-57 S '68.
- In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. SSSR 42 no. 5:91-94 Ja '68.
- In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. SSSR 42 no. 7:95-98 '68.
- In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. SSSR 42 no. 6:93-95 Ja '68.
- In the Board of Directors of the Construction Bank of the U.S.S.R. Fin. SSSR 42 no. 9:95-98 S '68.
- Increase the responsibility of the customer for the quality of housing and municipal construction. B. M. Koyazit. Stal. i trud, tekhn. 18 no. 7:37-38 Ja '68.
- K-402 and SKO-40 cranes. V. I. Polakov, M. P. Khodov. Mekh. stroi. 23 no. 7:9-11 Ja '68.
- Method of determining the mechanization level indices in the construction of buildings and structures. S. A. Pichugin. Trudy KHIIT no. 97:75-79 '68.
- Method of laboratory determination of the shear resistance of soils. Stal. i trud, tekhn. 29 no. 1:19 Ja '67.
- Mobile folding house. A. Korzhov. Av. i kosm. no. 0:32-43 Ja '68.
- Modernization of the excavator steering system improved working conditions of machine operators. L. K. Chuchalin. Mekh. stroi. 23 no. 7:22-23 Ja '68.
- Network model of construction management. I. Monin, B. Chupin. Stal. i trud. 13 no. 2:88-89 F '68.
- New construction and road building machinery. A. I. Volkova. Mekh. stroi. 25 no. 8:15-17 Ag '68.
- New machinery. A. E. Volkova. Mekh. stroi. 23 no. 10:24-26 O '68.
- New types of manual electric instruments. M. A. Ordali. Mekh. stroi. 25 no. 8:23-24 Ag '68.
- On prices of some construction machinery. A. V. Kozmols. Mekh. stroi. 23 no. 10:12-14 O '68.
- Optimum distribution of machinery among construction sites. A. M. Popov. Mekh. stroi. 23 no. 10:18-21 O '68.
- Organization of leasing credit for state capital investments. P. Iakovlev. Fin. SSSR 42 no. 8:29-33 Ag '68.
- Pay the way for the payments for the finished product. V. Dmitriev. Fin. SSSR 42 no. 6:44-48 Ja '68.
- Periodizing the pay system for construction machinery operators. S. I. Kabro. Mekh. stroi. 23 no. 7:15-17 Ja '68.
- The plant and its workers' settlement. Sov. profsojuzy 24 no. 10:34-36 My '68.
- Possibilities for lowering labor input in the erection of large-panel residential buildings. I. I. Kobeltseki, A. G. Kozin. Trudy KHIIT no. 97:60-67 '68.
- Present state and development prospects in the manufacture of mechanized and manual construction instruments. A. E. Volkova. Mekh. stroi. 23 no. 10:23-24 O '68.

Provide major construction work with qualified personnel. I. P. Artemev. Mont. i spets. rab. v stroi. 30 no. 8:1-2 Ag '68.

Repairs of construction machines. V. S. Alzenstadt. Mekh. stroi. 25 no. 7:10-20 Ja '68.

Self-propelled drilling machines. V. I. Drozdov, G. P. Kirakosian. Mekh. stroi. 25 no. 8:22 Ag '68.

Some problems of increasing the efficiency of construction production. Eken. iud. Utr. 10 no. 4:70-73 Ap '68.

Source of knowledge and experience. A. I. Gerasimenko. Stal. i trud, tekhn. 18 no. 7:38-39 Ja '68.

Universal self-propelled scaffolding. S. I. Ben'iaminov. Mekh. stroi. 25 no. 8:24 Ag '68.

Use of a single coefficient for estimating the industrial level of assembly work. V. A. Surin. Mont. i spets. rab. v stroi. 30 no. 8:21-23 Ag '68.

Viduev, N. G., D. I. Bakhtov, and V. P. Grzhbovskii. [Surveying measurements in the installation of machine and equipment] Geodezicheskie izmereniia pri ustroivke mashin i oborudovaniia. Moskva, "Nedra," 1967. 168 p.

69(471.232)—Leningrad City

On the eve of a reform in construction. P. Dobchenok. Fin. SSSR 42 no. 8:57-59 S '68.

69(471.25)—Pskov Province

Use of construction machinery at the Pskov Rural Construction Trust. N. I. Belashev. Mekh. stroi. 25 no. 8:5 Ag '68.

69(471.310)—Moscow City

Comprehensive management of the construction industry in Moscow. R. Svidersky and others. Stal. i trud, tekhn. 29 no. 7:1-3 Ja '68.

Economic incentives in the construction of residential buildings. S. Tsenin, Z. Morzon. Stal. i trud. 13 no. 2:33-38 F '68.

The five-year plan quota should be filled ahead of schedule. V. S. Frolov. Mekh. stroi. 25 no. 8:14 Ag '68.

69(476)—White Russian S. S. R.

Improving the operation of machines in rural construction of the White Russian S. S. R. M. I. Lyseenko. Mekh. stroi. 25 no. 7:5-7 Ja '68.

69(477)—Ukrainian S. S. R.

Wages stimulating the quality of construction. A. Siarobin. Stal. i trud. 13 no. 5:55-59 My '68.

69(477.8)—Western Ukraine

The most important economic lever. P. Stetsko. Fin. SSSR 42 no. 8:46-48 Ag '68.

69(479.25)—Armenian S. S. R.

News from plants, factories and construction sites. Prom. Arm. 10 no. 7:70-71 '68.

69(52)—Japan

Construction in Japan. S. Polakov, N. Uralov, T. Zhemisov. Zhil. stroi. 11 no. 5:24-26 '68.

69(571.13)—Omsk Province

Payments for the finished projects and stages of construction. S. Vinnikov. Don. i kred. 26 no. 6:46-48 Ja '68.

69(571.17)—Kemerovo Province

One of the Kemerovo workers' districts. A. Tselikh. Prom. i zhizn' no. 10:72-73 Ag '68.

69(571.53)—Irkutsk Province

Reduce construction time. M. Kovalov. Fin. SSSR 42 no. 7:40-48 '68.

69(571.63)—Maritime Territory

Development of the basis for the construction industry of the Maritime Territory during the current seven-year plan. V. I. Fedorov. Sbor. nauch. rab. DVNIS no. 6:112-116 '64.

69(574)—Kazakh S. S. R.

Decisions and their implementation. F. Doronovskii. Parl. zhizn' no. 18:41-43 S '68.

69.02 Structural parts of buildings

Efficiency of using room-size keramzit concrete floor panels. V. Michurin, U. Spirin. Zhil. stroi. 11 no. 6:13-14 '68.

Hip panels in the construction of city bridges. D. I. Zgorekii, V. S. Koval'. Stal. i trud, tekhn. 18 no. 7:32-33 Ja '68.

69.05 Site organization, methods, equipment, plant

[Analyzing the causes of the failure of structural elements] Analiz prichin avarii stroitel'nykh konstruktsii. Pod red. A. A. Shishkina. Moskva, Stroiizdat. Vyp. 4. 1968. 224 p.

Angle brace with tongs clamp. Ladder with support. V. Tsvetkov. Zhil. stroi. 11 no. 5:27 '68.

Consideration of local conditions in planning construction work. O. A. Zhuchkov. Sbor. nauch. rab. DVNIS no. 6:266-280 '64.

[Construction equipment and road machinery] Ref. zhur.: Stal. i dor. mash. no. 8 Ag '68.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Izd. ofis. Moskva, Stroiizdat.

Ch. 3. Razd. V. Gl. 3. [Precast concrete and reinforced-concrete structural elements. Regulations for the execution and acceptance of completed assembly work] Betonnyye i zhelezobetonnyye konstruktsii sbornyye. Pravila proizvodstva i priemki montazhnykh rabot SN i P III-V-3-E2. Uv. 14/XII 1962 g. 1968. 17 p.

Effect of the transport and storage of concrete on the quality of concrete aggregates. N. A. Zinchenko, I. M. Karim. Stal. i trud. 37 no. 8:19-22 Ag '67.

Efficiency promoters suggest. Zhil. i kom. khoz. 18 no. 2:17 F '68.

Erection of a guy-suspended roof of a motion picture theater. IU. R. Seltutin. Mont. i spets. rab. v stroi. 30 no. 8:11-14 Ag '68.

Improve the delivery of units for construction and road machinery manufacturing. N. Grechin. Stal. i trud, tekhn. 29 no. 1:19-21 Ja '68.

[Laboratory work on industrial safety] Laboratornye raboty po okhrane truda. Pod red. N. B. Zolotareva. Moskva, "Vyssh. shkola," 1967. 100 p.

Machines for filling of expansion joints and coating with asphalt compounds in water-tight construction. A. A. Golitsin. Trudy Giprovdokhza no. 21:44-53 '62.

Peculiarities of production and organization in construction work in mountainous regions. G. S. Isakhanov. Sbor. nauch. rab. DVNIS no. 6:259-265 '64.

[Price list for assembling equipment] Tsennik na montazh oborudovaniia. Izd. ofis. Uv. dlia primeneniia s 1 ianv. 1969 g. Moskva.

No. 1. [Woodworking equipment] Dervoobrabatovatel'nye oborudovaniia. 1968. 29 p.

No. 9. [Electric furnaces] Elektricheskie pechi. 1968. 32 p.

No. 13. [Technological metal structural elements] Tekhnologicheskie metallicheskie konstruktsii. 1968. 25 p.

No. 16. [Gas purification equipment] Oborudovanie dlia ochistki gazov. 1968. 17 p.

No. 16. Ch. 1. [Equipment of enterprises of the iron and steel industry] Oborudovanie predpriatii chernoi metallurgii. 1968. 87 p.

No. 23. [Equipment of enterprises of the electrical engineering industry] Oborudovanie predpriatii elektrotekhnicheskoi promyshlennosti. 1968. 54 p.

No. 24. [Equipment of enterprises of the building materials industry] Oborudovanie predpriatii promyshlennosti stroitel'nykh materialov. 1963. 88 p.

No. 27. [Equipment of enterprises of the printing industry] Oborudovanie predpriatii poligraficheskoi promyshlennosti. 1968. 30 p.

No. 28. [Equipment of food industry enterprises] Oborudovanie predpriatii pishchevogo promyshlennosti. 1968. 304 p.

No. 31. [Equipment of enterprises of the cinematography industry] Oborudovanie predpriatii kinofotopromyshlennosti. 1968. 39 p.

No. 32. [Equipment of enterprises of the electronic and radio industry] Oborudovanie predpriatii elektronnoi i radiopromyshlennosti. 1963. 62 p.

No. 34. [Equipment of public health institutions] Oborudovanie uchrezhdenii zdravookhraneniia. 1968. 11 p.

No. 05(477)—Ukrainian S. S. R.

Roof erection by protection in an operating plant. K. Kiprich, A. Rylyuk, B. Rabinovich. Prom. i zhizn' (zhil. stroi. 10 no. 1:14-16 Ja '68).

No. 05(571.63)—Maritime Territory

Means to improve the technology and organization of small construction projects in the Maritime Territory. V. G. Prokurenko. Sbor. nauch. rab. DVNIS no. 6:230-246 '64.

No. 05(571.68)—Kamchatka Province

Developing industrial methods of construction in Kamchatka. N. P. Kurlov. Sbor. nauch. rab. DVNIS no. 6:248-258 '64.

691 Building materials

Building materials industry should accelerate its development (compos. Stal. i trud. 14 no. 8:4-7 Ag '68).

Development of the enterprises of the construction industry in the current decade. N. L. Vovchukko. Stal. i trud, tekhn. 13 no. 7:8-10 Ja '68.

Economic conditions at the plant. F. T. Polupenko, A. I. Stutina. Stal. i trud, tekhn. 13 no. 5:5-6 My '67.

Effect of humidity on heat conductivity at freezing temperatures. N. V. Pak. Stal. i trud, tekhn. 14 no. 8:35-38 Ag '68.

Fifth Scientific and Technological Conference on the Static Dynamic Strength of Materials and Construction Elements at High and Low Temperatures. V. D. Novikov. Dop. AN URSR. Ser. A 36 no. 5:474-478 My '68.

"Finishing materials in construction" exhibition. IA. V. Volkov. Stal. i trud, tekhn. 13 no. 5:18-26 My '67.

Gusov, S. G. [Establishment of technical norms at enterprises of the building materials industry] Tekhnicheskoe normirovaniia na predpriatiiakh promyshlennosti stroitel'nykh materialov. Moskva, Stroiizdat, 1967. 230 p.

In the Ministry of the Building Materials Industry of the U.S.S.R. Stal. i trud, tekhn. 13 no. 5:15-16 My '67.

In the Ministry of the Building Materials Industry of the U.S.S.R. Stal. i trud, tekhn. 13 no. 7:20-21 Ja '67.

697 Heating, ventilation, air conditioning

- [Album of drawings of efficient transport, erection, and standard stock devices for the construction of rural industrial and civic buildings] Album chertezhet ratsional'nykh transportnykh i montaznykh prilozheniy i inventaria dlia stroitel'stva sel'skikh proizvodstvennykh i grazhdanskikh zdaniy. Moskva, Stroizdat, 1967. 92 p. Arrangement of gas infrared radiators in a room to be heated. A. M. Levin, A. K. Rodin, L. A. Kulagin. *Vod. i san. tekhn.* no. 5:15-17 '68.
- Balashov, G. M. [Filter of ventilation installations] Slesar' ventilatsionnik. Moskva, Stroizdat, 1967. 91 p. (Mota professia).
- Basils for the selection of selector conditioners. O. I. A. Korotin, L. A. Koval'chuk. *Vod. i san. tekhn.* no. 5:17-21 '68.
- Calculation of vacuum deaerators with steam bubbling. I. I. Oikar. *Vod. i san. tekhn.* no. 5:28-34 '68.
- Dogazhli, V. V. [Trenchless heating pipe laying] Boskannala prikladna teploprovod. Kiev, "Budivelnik," 1967. 75 p.
- Effect of air regime of buildings on their heat characteristics. V. T. Nov. *Zhil. stroit.* II no. 5:2-6 '68.
- Ejector scrubber for trapping fine dust. E. V. Rykhor. *Vod. i san. tekhn.* no. 5:25-27 '68.
- First Interpublican Scientific Technical Conference on the Heating and Ventilation of Farm Structures. *Vod. i san. tekhn.* no. 5:38-39 '68.
- Graph for the quantitative regulation of the heat exchanger in a room air conditioner. L. I. Netmark. *Vod. i san. tekhn.* no. 5:32-33 '67.
- Heat characteristics of buildings. V. Bogoslovskii. *Zhil. stroit.* II no. 5:8-10 '68.
- Heating of shafts by recirculating air heating units. L. I. Kagan. *Vod. i san. tekhn.* no. 5:35-36 '68.
- [Industrial gas fired water boilers] Gazovye vodogreynye promyshlennno-otopitel'nye kotly. Pod obshch. red. I. A. Sigala. Kiev, "Tekhnika," 1967. 146 p.
- Instructions on organizing the building of enterprises for mineral mining] Ukazaniya po organizatsii stroitel'stva predpriyatiy po dobyche poleznykh iskopayemykh. SN 377-67. Izd. offta. Uv. 29/VII 1967 g. Moskva, Stroizdat, 1968. 25 p.
- New type of heating radiators. E. K. Mamekin, M. A. Gusev. *Vod. i san. tekhn.* no. 5:37-38 '67.
- Payment for central heating and hot water. V. Baranson. *Sov. profsoyuz* 24 no. 10:45-48 '68.
- Problems of heating and air conditioning in residential high-rise buildings. I. Shapovalov. *Zhil. stroit.* II no. 5:6-8 '68.
- Technical and economical principles of the selection of ventilation-heating systems for animal husbandry buildings. V. N. Andrianov and others. *Vod. i san. tekhn.* no. 5:31-34 '68.
- Thermal calculation of industrial boiler heating systems by dial-2 computer. G. I. Titova. *Vod. i san. tekhn.* no. 5:28-31 '68.
- Thermal calculations of cooling spray chambers. E. I. Kampt. *Vod. i san. tekhn.* no. 5:27-31 '67.
- Use of KIVS-6 electrical analog apparatus for calculation of air exchange and heating systems in buildings. V. F. Konstantinov. *Vod. i san. tekhn.* no. 5:24-26 '68.
- Ventilation currents flowing from rectangular outlets. I. A. Shupelev, N. A. Grelman. *Vod. i san. tekhn.* no. 5:33-37 '67.

697(471.310)—Moscow City

- Functioning of the air conditioning system in a weaving plant. N. N. Vasil'ev, U. N. Lubimov. *Tekst. prom.* 28 no. 6:68-70 '67.

697(571.6)—Soviet Far East

- Fuel consumption for heating residential and public buildings under climatic conditions of the Pacific Coast. O. I. Nesterenko. *Sbor. nauch. rab. DVNII* no. 8:270-277 '64.

699.8 Protective, proofed, insulated construction

- Applying insulation on 1220 mm. pipes. *Stroitel'stvo* 13 no. 5:38-39 '68.
- Choice of high ear types for regions with high seismic activity. M. B. Glazburg. *Gid. i stroit.* 37 no. 8:56-59 '67.
- Complex waterproofing and thermal insulation of hydraulic structures. S. N. Popchenko, Q. A. Nechaev. *Gid. i stroit.* 37 no. 12:18-20 '68.
- Design of prefabricated heat insulation. D. U. Sedunov. *Vod. i san. tekhn.* no. 3:38 '68.

7. THE ARTS. RECREATION. ENTERTAINMENT. SPORT, ETC.

7.0 General. Works of individual artists

- [Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig. postup. v Bibl. im. V. I. Len. Ser. 3 11 nos. 26-27 '68.
- Jazumov, V. A. [Treasures returned to the people. How the artistic and historical treasures of our country were preserved during the early years of the Soviet regime] Bogatstva, vozvrashchennyye narodu. Kak byli sokhraneny khudozhest. i ist. bogatstva nashel Rodiny v pervyye gody Sovetskoy vlasti. Moskva, "Znanie," 1968. 32 p. (Novoye zhizni, nauka, tekhnika. Seriya "istoriya," 6).

7.0(571.54)—Buryat A. S. S. R.

- In the Department of the Arts. *Krat. soob. BKNII* no. 2: 143 '68.

7.01 Aesthetics. Theory. Taste, etc.

- Contemporary critical culture in the aesthetics of Th. Adorno. D. Zolnai. *Vop. filos.* 22 no. 3:97-107 '68.
- [The revolution, art, and children. Materials and documents] Revolutsiya i detstvo - delo. Materialy i dokumenty. Moskva, "Prosvetshenie," 1968 416 p. (Iz istorii estet. vospitaniya v sovetskoy shcole. 1924-1929).
- Secession of beauty. A. Gansberg. *V mire knig* 7 no. 6: 36-37 '67.

7.05 Applications of art in industry, the home, etc. Industrial

- Commercial design
- Aesthetic evaluation of the object-and-shape medium. A. Marder. *Tekhn. est.* 5 no. 3:22-26 '68.
- Art and technology. G. Santagin. *Tekhn. est.* 5 no. 3: 9-14 '68.
- Artistic design in river transportation. V. I. Kulackov, E. D. Morzon. *Trudy IIVT* no. 95:13-18 '67.
- Centralized informational materials on technological aesthetics and industrial design by branches. B. Dufin, G. Kuchukava. *Tekhn. est.* 5 no. 3:31-32 '68.
- Design of interior and beauty. O. Ananov. *Tekhn. est.* 5 no. 3:5-9 '68.
- From the history of technological aesthetics in Russia. F. Zagoraki. *Tekhn. est.* 5 no. 3:27-29 '68.
- Modern design as a historic form of integration of art and technology. I. Golomitskiy. *Tekhn. est.* 5 no. 3:41-49 '68.
- Scientific basis for industrial design education. A. Plerov. *Tekhn. est.* 5 no. 3:20-22 '68.
- So far industry keeps silent. B. M. Zuch. *Vest. vys. shkoly* 26 no. 7:14-16 '68.
- Technology and artistic creation in the modern world. *Tekhn. est.* 5 no. 3:1 '68.

7.05(487.1)—Yugoslavia

- Exhibition of industrial design in Ljubljana. *Tekhn. est.* 5 no. 3:28 '68.

71 PHYSICAL PLANNING. LANDSCAPE, ETC.

71.1 Generalities. Development. Planning schemes

71.1(474.2)—Estonian S. S. R.

- There where the Red Army was born. F. Markov. *Zhil. i kom. khoz.* 18 no. 2:13 '68.

71.1.4 Town planning. Urban development, built-up areas, towns, villages, etc.

- Development of the conception of municipal lands in Soviet legal enactments. B. V. Erolov. *Sov. gos. i pravo* no. 7:105-110 '68.
- Earthwork in vertical planning of a micro-district. A. Cherenkova. *Zhil. i stroit.* II no. 5:11-12 '68.
- The future of our cities. N. P. Evdokimov. *Stroitel' arkh.* 18 no. 7:15-17 '68.
- On the eve of the conference of city builders. *Stroitel' arkh.* 18 no. 7:1-2 '68.
- Optimal cities, cities of pedestrians. I. A. Lubimskii. *Stroitel' arkh.* 18 no. 7:13-16 '68.
- Space organization in future cities. V. S. Volga, N. S. Volga. *Stroitel' arkh.* 18 no. 7:9-12 '68.

71.1(471.310)—Moscow City

- Construction and reconstruction in the area of Sh. otetsa Pizna. V. Sokolov. *Stroitel' arkh.* Mosk. 17 no. 7:6-11 '68.
- Gradyetovaya i nov. iuzhnoy razvidovleniya razvitiya kapitala. D. V. Ish. I. Karmukhov. *Stroitel' arkh.* Mosk. 17 no. 7:30-32 '68.

71.1(471.311)—Moscow Province

- Village on a conveyor. *Zhil. i kom. khoz.* 18 no. 2:23 '68.

71.1(471.341)—Gorky Province

- Kir'landov, I. A. [The Kromia of Nizhny Novgorod] Nizhegorodskiy Krom'. 2 o perarabot. Izd. [Gor'ki, Volgo-Vlat. kn. izd., 1969]. 120 p.

71.1(477)—Ukrainian S. S. R.

- General reconstruction of Kharkov. I. A. Alferov, A. A. Tkachenko. *Stroitel' arkh.* 18 no. 7:3-4 '68.

- Memorial complex in village of Sokolovo. V. D. Belogub, G. P. Vasil'ev. *Stroitel' arkh.* 18 no. 7:33 '68.

- Project-66. Kievskiy Institute. *Stroitel' arkh.* 18 no. 7:34-36 '68.

- Zaporozhye. I. Karmukhov. *Zhil. i stroit.* II no. 5:20-31 '68.

71.1(479.25)—Armenian S. S. R.

- Orbelli, I. A. [Selected works. In two volumes] Izbrannyye trudy. V 2-kh t. Moskva, "Nauka."
- T. I. [From the history of Armenian culture and art in the 10th-13th centuries] Iz istorii kul'tury i iskusstva Armenii X-XIII vv. 1968. 587 p.

71.1(571.61)—Krasnoyarsk Territory

- Seventy years later. A. M. Murov. *Zhil. i kom. khoz.* 18 no. 2:18 '68.

71.1(571.54)—Buryat A. S. S. R.

- Kheibonko, A. M., and V. P. Kobylkin. [Collection of the historical monuments of Buryatia. (A guide-book)] "Znakom'tes', pamiatniki Buriatii. (Poleznye) Utan-Ude, Buriat. kn. izd., 1967. 58 p.

- 71.1.7 Traffic routes: road, rail, water and air City center and the automobile. G. F. Bogashev. *Stroitel' arkh.* 18 no. 7:5-8 '68.

71.2 Landscape, natural and designed parks. Gardens [Construction specifications and regulations] Stroitel'nye normy i pravila. Izd. offta. Moskva, Stroizdat.

- Ch. 3. Razd. K. Gl. 2. [Landscape architecture. Regulations for the execution of work and acceptance of completed work] Otseneniye. Pravila proizvodstva i priemki rabot. SNiP III-K. 2-67. Uv. 2/VI 1967 g. 1969. 12 p.

71.2(571.63)—Maritime Territory

- Landscape problems of Vladivostok. E. A. Vasil'ev, M. V. Orlov, V. I. Sukhova. *Sbor. nauch. rab. DVNES* no. 6:3-14 '64.

71.2.3 Landscape gardening generally: planning, layout, execution [Landscape in industrial enterprises, N. I. I. 22. Mashinostroitel'] no. 2:33-35 '68.

71.2.3(471.5)—Ural regions

- Kononov, N. A., and N. A. Luganskii. [Trees and shrubs for landscape gardening in cities of the Urals] Drev'tsa i kustarniki dlia ozeleneniya gorodov Urals. Sverd'sk. Sred.-Ural'skoe kn. izd., 1967. 160 p.

71.2.4 Planting design. Vegetation, plant forms, arrangement

- [Our house plans] Nastennyye i nag. doma. Moskva, "Rus'sel'khozizdat," 1967. 164 p.

72 ARCHITECTURE

- Chorkosov, N. A. [Architecture] Arkhitektura. Izd. 2-o, pereabot. Kiev, "Budivelnik," 1968. 492 p.
- [General history of architecture. In 12 volumes] Vsesobshchaya istoriya arkhitektury. V 12-ti t. Glav. red. N. D. Kolli. [Moskva] Stroizdat. [T. b.] 1967. 656 p.

72(477)—Ukrainian S. S. R.

- Ukrainian architecture in the postrevolutionary period. V. V. Chopolik. *Stroitel' arkh.* 18 no. 7:40 '67.

72.01 General aesthetics. Design. Planning, etc.

- Aesthetic evaluation of the object-and-shape medium. A. Marder. *Tekhn. est.* 5 no. 3:22-26 '68.

72.1 Buildings generally. Programming. Design

- [Collection of articles on design and research costs in construction] Sbornik issn na proektiro i issledat'nye raboty dlia stroitel'stva. Izd. offta. Moskva, Stroizdat. Ch. 2. [Costs for disassembling project buildings] Tseny na razborku proektnykh zdaniy. Razd. 26. [Buildings and structures of air transportation] Zdanija i sooruzheniya vozdukhogo transporta. Uv. 26/I 1968 g. 1968. 11 p.
- Ch. 3. [Costs for the preparation of working drawings] Tseny na razrabotku rabochikh chertezhov. Razd. 5. [Ore mining industry] Gornorudnaya promyshlennost'. Uv. 15/V 1967 g. 1958. 7 p.
- Razd. 13 [Machinery industry] Mashinostroitel'naya promyshlennost'. Uv. 28/II 1967 g. 1967. 8 p.
- Razd. 24. [Highways, city transportation] Avtomobil'nye dorogi, gorodskoy transport. Uv. 12/VI 1967 g. 1967. 12 p.

72.5 Public, civil, commercial and industrial buildings

- More about suspended structures for public buildings. I. Lubimskii. *Stroitel' arkh.* Mosk. 17 no. 7:4-7 '68.

72.5.1 Civil and public service buildings

- Erection of a new suspended roof of a motion picture theater. I. U. Solitun. *Mont. i spets. rab. v stroit.* 30 no. 8:11-19 '68.
- Modern complex of service buildings. L. K. Sokolov. *Mashinostroitel' no.* 2:19-20 '68.

72.5.3 Transport, traffic and storage buildings

- [Collection of articles on design and research costs in construction] Sbornik issn na proektiro i issledat'nye raboty dlia stroitel'stva. Izd. offta. Moskva, Stroizdat. Ch. 2. [Costs for disassembling project buildings] Tseny na razborku proektnykh zdaniy. Razd. 26. [Buildings and structures of air transportation] Zdanija i sooruzheniya vozdukhogo transporta. Uv. 26/I 1968 g. 1968. 11 p.

S. S. R. K. O. Ogbonian. Uchi, zap. N. 100, 1965, 121-122.

- Kassirskii, I. A.
On the 70th birthday of Isak Abramovich Kassirskii. *Mosk. rab.* 13 no. 2:60-61 Ja '68.
- Kheizer, N. V.
Anniversary greetings. *Sakh. prom.* 42 no. 8:17 S '68.
- Khrushchanskii, R. A.
Isaiah Alyonovich Khrushchanskii: obituary. *Chir. strel.* 191 54 Ja '68.
- Koblov, G. P.
Our compatriot. *Doshk. vosp.* 41 no. 2:50-51 '68.
- Koblov, A. P.
A. P. Koblov in 60 years old. *Mosk. rab.* 13 no. 6:7 Ja '68.
- Kononov, S. T.
Kononov, K. S. Sergei Timofeevich Kononov. [1847-2-6, pereval]. Moskva, "Izvestiya," 1967. 279 p.
- Korovin, E. P.
E. P. Korovin: on his 70th birthday and the 50th anniversary of his scientific work and public activities. A. A. Azat'yan, Z. N. Dorokova, L. N. Skvoritova. *Izv. fiz. geogr. ob-shch.* 5:160-162 '61.
- Korin, H. V.
Hryhorii Vasylovych Korin: on his 10th birthday. S. M. Stoiko. *Ukr. bol. zhur.* 25 no. 3:104-106 My-Je '63.
- Krasnarenko, E. M.
Evgenii Iur'evich Krasnarenko: on the 10th anniversary of his death. L. I. Tushinskii. *Khirurgia* 44 no. 1:159-161 Ja '68.
- Krasninkov, N. F.
Nikolai Fedorovich Krasninkov. *Med. zhur. prom.* 33 no. 6:46 Ja '68.
- Kreiter, V. M.
Vladimir Mikhailovich Kreiter: obituary. *Min. shor.* 21 no. 3:112-118 '67.
- Krupskaya, N. K.
Along the route of a propagandist. T. Sokolova, D. Fedotova. *Bibliotekar'* no. 11:9-13 '67.
Meeting between an old comrade with N. K. Krupskaya. V. Savchenko, N. Novikova. *Doshk. vosp.* 41 no. 2:83-81 '68.
- Kukin, G. N.
60th birthday of Georgii Nikolaevich Kukin. *Izv. vyz. tekhn. lokal. prom.* no. 0:157 '67.
- Kulagin, I. I.
On the heights of science. A. Pavlov. *Tekhn. i voornuzh.* 23 no. 2:30-37 Ja '68.
- Kurachkin, P. M.
A soldier, teacher, and scientist. A. Leonov. *Tekhn. i voornuzh.* 20 no. 1:16 Ja '68.
- Landau, H. A.
In memory of Doctor H. A. Landau. A. P. Blozins, I. Zerkov. *Khirurgia* 44 no. 1:162 Ja '68.
- Landau, D. M.
David Dmitrievich Landau. *Prom. energ.* 23 no. 3:36 Mr '68.
The ideas of Landau. *Tekhn. i voornuzh.* 20 no. 1:13 Ja '68.
- Levin, V. I.
Alive among the living. I. Khamko, A. I. Potov. *V mire knig* 7 no. 6:6-8 '67.
Beginning of the century. E. Stchekova. *V mire knig* 7 no. 5:4-7 '67.
By order of V. I. Lenin. I. A. Bykhovskii. *Mosk. shor.* 51 no. 4:12-16 Ap '68.
A fascinating search. F. U. Nechmalin. *Vost. vyz.* 26 no. 7:72-75 Ja '68.
The glorious road. L. Minina. *Doshk. vosp.* 41 no. 2:73-70 '68.
The grandeur of Lenin. *Nov. vrom.* 26 no. 33:1-2 Ap '68.
Kudryavtsov, A. S., L. L. Murav'eva, and I. I. Svyatov-Kulianova. [Lenin in Geneva. Lenin's addresses in Geneva.] *Lenin v Zhenevu. Zhenskoe adressa Lentina.* Moskva, Polizhizh, 1967. 200 p.
- The Lenin plan for tackling the building of socialism. T. Berov'sankin, S. Kul'chitskiy. *Ekonom. Rad. Ukr.* 10 no. 4:11-16 Ap '68.
A meeting devoted to the 60th anniversary of V. I. Lenin's birth. *Krat. soob. BKNII* no. 2:137-139 '68.
On preparations for the centenary of Vladimir Il'ich Lenin's birth: decision of the Central Committee of CPSU. *Nov. vrom.* 26 no. 34:35-40 Ap '68.
On the eve of Lenin's great day. *Part. zhizn'* no. 18:63-68 S '68.
Preparations for the centenary of Vladimir Il'ich Lenin's birth: decision of the Central Committee of the CPSU. *Part. zhizn'* no. 18:3-12 Ap '68.
To seek counsel from Lenin. *Nov. vrom.* 26 no. 34:1-2 Ap '68.
Towards a glorious anniversary. V. Mochalov. *V mire knig* 7 no. 5:8 '67.
- Towards the Lenin birth centenary. *Vop. ist. KPSS* no. 7:137-148 Ji '68.
V. I. Lenin, the great continuer of Karl Marx's cause. D. M. Kukin. *Vop. ist.* no. 4:3-14 Ap '68.
[We saw and heard Lenin. Reminiscences.] *My videli Iul'yusha Lenina. Vospominaniya. [Simferopol', "Krym," 1967].* 200 p.
- Leonov, L. M.
Leonid Leonov in Yugoslavia. G. Pokrovskaya. *Sov. slav.* no. 3:68-67 My-Je '68.
- Las Casas, R.
A novel about a great tactician. E. Hradis. *V mire knig* 7 no. 5:37 '67.
- Lentkova, M. A.
M. A. Lentkova: on her 80th birthday. *Probl. tub.* 45 no. 3:92-93 '66.
- Luxemburg, R.
Rosa Luxemburg's struggle against militarism and the threat of war in the early 20th century. V. V. Chistilov. *Sov. Slav.* no. 3:18-20 My-Je '68.
- Makher, Gusev
Makher's time has come. L. Bernstein. *Sov. muz.* 32 no. 3:113-115 Mr '68.
- Mikhailov, A. S.
A geographer and philologist of the 18th century from Central Asia. Kh. Kh. Khassanov. *Izv. Uzb. geogr. ob-shch.* 5:91-100 '61.
- Makarov, A. S.
A hero of the "Educational poem" has come to see us. V. Nefedov. *Bibliotekar'* no. 1:14 Ja '65.
- Malyshev, V. M.
In memory of Vladimir Mikhailovich Malyshev (1893-1936). *Chir. strel.* 15 no. 6:63-64 Je '66.
- Mansurov, F.
Fuat Mansurov on the podium. A. Kefberg. *Sov. muz.* 32 no. 3:46-48 Mr '68.
- Mao Tse-tung
Dialectics or collectionism? V. L. Hecov. *Vop. ist.* 22 no. 7:40-49 '68.
Roots of today's Chinese events. *Kommunist* 45 no. 8:102-113 Ap '68.
- Marx, K.
Brief notes. *Vop. ist. KPSS* no. 7:154-158 Ji '68.
Cornu, Auguste. [Karl Marx and Friedrich Engels. Lives and work. Translated from the German.] Karl Marks i Fridrikh Engels. *Zhizn' i delatel'nost'*. Moskva, "Progress," T. 3. 1845-1848. 1008. 472 p.
Evaluation of K. Marx as a leader of the international proletarian. I. A. Bak. *Vop. ist.* no. 5:204-208 My '68.
Founder of scientific communism: theses for the 150th anniversary of Karl Marx's birth. *Kommunist* 45 no. 6:6-24 Ap '68.
A great heritage. J. I. Kham, B. D. Byzhkov, A. M. Chernov. *Vop. ist. KPSS* no. 7:148-154 Ji '68.
History of K. Marx's struggle against reformism. V. E. Kuntov. *Vop. ist.* no. 4:32-43 Ap '68.
[Human at all times. (Karl Marx). A composition.] Vsega chelovek. (Karl Marks). Kompozitsiya. [Moskva, "Kol. gvarilia," 1968] 240 p. [Pioneer - znachil'nyy pyrvy]. *Vop. 71.*
K. Marx in poetry: a historian's notes (to be concluded). K. L. Solozov. *Vop. ist.* no. 4:125-137 Ap '68.
Karl Marx in poetry: a historian's notes (conclusion). K. L. Solozov. *Vop. ist.* no. 6:118-130 My '68.
K. Marx and the Russian Scillon of the First International. K. V. Solov'ova. *Vop. ist.* no. 4:60-73 Ap '68.
A life devoted to struggle. O. Korshunov. *Bibliotekar'* no. 5:9-11 '68.
150th anniversary of the birthday of Karl Marx. *Izv. vyz. ucheb. zav.; pishch. tekhn.* no. 2:7-8 '68.
Read the first time; organization of the Archives of K. Marx in the U.S.S.R. and the establishment of texts, translation, and publication of his manuscripts. I. I. Agronovskii. *Vop. ist.* no. 4:106-124 Ap '68.
Russian books in Karl Marx's library. M. Kochelkova. *Kommunist* 45 no. 8:122-127 Ap '68.
Young Marx as editor. I. Efremov. *Vop. ist.* no. 4:217-218 Ap '68.
- Megrellidze, K. R.
Thirty years later. A. V. Potemkin, V. P. Iakovlev. *Vop. ist.* 22 no. 4:150-153 '68.
- Meierkhol'd, V. E.
Meierkhol'd, V. E. [Articles. Letters. Speeches. Talks.] *Stat'i. Pis'ma. Rech. Bredy.* Moskva, "Iskusstvo." Ch. 1. 1891-1917. 1988. 350 p.
- Mel'nikov, S. F.
Seventieth birthday of S. F. Mel'nikov. *Bum. prom.* no. 7:18 Ji '68.
- Millaud, Bartus
The anniversary of a French composer. L. Korotova. *Sov. muz.* 32 no. 3:68 Mr '68.
- Mikhailov, N. I.
Nikolai Ivanovich Mikhailov. *Prom. energ.* 23 no. 3:29 Mr '68.
- Mishukov, K. P.
Some biographical data about K. P. Mishukov. K. I. Strakova. *Sov. slav.* no. 3:70-74 My-Je '69.
- Mozart, W. A.
Mozart is heard. E. Liberman. *Sov. muz.* 32 no. 3:65-66 Mr '68.
- Myrdal, G.
Gunnar Myrdal's methodology of social studies. L. F. Vol'ison. *Vop. ist.* no. 8:97-106 '68.
- Nathmanovich, A. L.
The hero of a book is a heroic worker in real life. N. Rudnitskaya. *Bibliotekar'* no. 9:31-32 S '68.
- Nefedov, Z.
In memory of Zdenek Nefedov, 1878-1962. V. D. Korotuk. *Vop. ist.* no. 4:203-209 Ap '68.
- Nenadkevich, K. A.
K. A. Nenadkevich: obituary. V. V. Shcherbina. *Geokhimiya* no. 11:1083-1084 S '63.
- Newton, I.
"Beginnings" of Newton. A. Narkov. *V mire knig* 7 no. 6:18 '67.
- Obukhov, A. M.
Aleksandr Mikhailovich Obukhov. *Izv. AN SSSR, Fiz. alm.* *Inkva* 4 no. 5:574 My '68.
- Osherskiy, A. I.
A. I. Osherskiy and A. I. Zarkovskiy. T. Stokova. *Sov. slav.* no. 3:58-62 My-Je '68.
- Oppenheimer, Harry F.
In the "empire of diamonds and gold." I. I. Kozlov, O. Tsvetov. *Az. i Afr. vuz.* 12 no. 7:51-53 Ji '68.
- Parasenko, D. S.
Denis Stepanovich Parasenko: an obituary. *Ogneupay* 33 no. 4:62 Ap '68.
- Pastukania, E. B.
In memory of Evgenii Ivanovich Pastukania. I. N. Sov. gaz. priazh. no. 8:150-151 Ap '68.
- Pavlov, B. V.
B. V. Pavlov: obituary. *Mosk. ind. SSSR* 39 no. 5:45 My '68.
- Pavlov, I. P.
A. V. Maryunov operates on I. P. Pavlov. I. V. Bogorad, V. L. Nazarov. *Okhrimenko. Khirurgia* 44 no. 1:149-150 Ja '68.
- Pershin, G. N.
Grigoriy Nikolaevich Pershin: on his 60th birthday. *Khim.-farm. zhur.* 2 no. 3:57-58 Mr '68.
- Pisarev, D. I.
D. I. Pisarev's struggle for materialism and social progress. A. N. Maslin. *Vop. ist.* no. 8:107-114 '68.
- Plekhanov, G. V.
From G. V. Plekhanov's life and work. (to be concluded). V. G. Chumachenko. *Vop. ist.* no. 6:136-146 Je '68.
Pages from G. V. Plekhanov's life and work (to be continued). V. G. Chumachenko. *Vop. ist.* no. 5:131-145 My '68.
- Pokrovskii, V. T.
Professor V. T. Pokrovskii's contribution to the development of Russian neurology: on the 130th anniversary of his birth. L. I. Zhukovskii. *Zhur. nevro. i psikh.* 68 no. 6:916-917 '68.
- Prokof'ev, V. K.
Vladimir Konstantinovich Prokof'ev: on his 70th birthday. *Opt. i spekt.* 24 no. 6:655-656 Ap '68.
- Pytin, A. N.
Three months in Prague. A. N. Pytin's notebooks. T. S. Karakala. *Sov. slav.* no. 3:48-67 My-Je '68.
- Rachmanoff, Sergei
From memoirs. M. A. Chelkov, S. L. Bertenson, M. V. Dobuzhinski. *Sov. muz.* 32 no. 3:18-26 Mr '68.
Memories of Russian culture. A. Radniskii. *Sov. muz.* 32 no. 3:74-79 Mr '68.
Soviet performers talk about S. V. Rachmaninoff. P. A. Serebriakov, N. P. Rozhdvestvenskaya. *Sov. muz.* 32 no. 3:71-74 Mr '68.
- Radushkevich, V. P.
Valerii Pavlovich Radushkevich: on his 60th birthday. *Khirurgia* 44 no. 1:147-148 Ja '68.
- Radzhabov, F. Sh.
Fattakh Shakhovich Radzhabov: obituary. *Uzb. geol. zhur.* 12 no. 1:91 '68.

930.1 (Continued)
Serje aspects of the problem of the origin of absolutism.
A. N. Chislovonov. Vop. ist. no. 5:46-52 My '68.

930.1(41)—United Kingdom and Northern Ireland

'Critical philosophy of history' in Great Britain. M. A. Kissel'. Vop. ist. no. 5:63-74 My '68.

930.2 Method. Study of sources

Problems of structural analysis in history. I. M. Sitserman. Vop. ist. no. 5:20-37 Je '68.
Status of contemporary Great Russia or Moscow (conclusion). G. David. Vop. ist. no. 4:138-147 Ap '68.

930.25 Archives. Public records

Archaeology and magnatism. L. S. Klot. Irivoda no. 4:65-75 Ap '68.
Brief news. Vop. ist. KtSS no. 7:150-156 Ji '68.
In commemoration of the anniversary. O. Baryatnikov. Sov. SSR 42 no. 0:94 Je '68.
Problems of the acquisition of materials by the archival agencies of the U.S.S.R. G. A. Belov. Vop. ist. no. 4:74-87 Ap '68.
Some problems in the organization of information services in the field of archival work and the study of documents. F. Kruglov. NTI. Ser. I. no. 5:10-20 '68.

930.26 Archaeology. Antiquities

930.26(571)—Aeolic R. S. F. S. R.

Siberian Archaeology of yesterday, today, and tomorrow. A. P. Okladnikov. Vop. ist. no. 5:150-174 My '68.

930.26(571.651)—Chukchi National District

Segeev, D. A. [Ethnographers and archaeologists in Chukotka] [Etnografy-arkheologi na Chukotke. Leningrad, 1968. 17 p. (Publ. Iktist, prochit. v Lektorii im. I. M. Shkaf'skogo. Vyp. 5).

930.9 General history. World history

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist. i arkheol. i etn. no. 5-7 '68.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist. i arkheol. i etn. nos. 4-6 '68.

931 Ancient history

931(474.3)—Latvian S. S. R.

Graulindis, Janis. [Latvia in the late Bronze and early Iron Age. Beginning of the disintegration of primitive communities] Latvian v epokui pozinai bronzas i dzimsgo ziedlora. Nihilalo razlozhenia poryvovynoloshchilnogo etnola. Riga, "Zinlatia," 1967. 105 p.

931(60)—Near East

[Cuneiform texts from Kili-Tepa in the collections of the U. S. S. R. (Letters and documents of a commercial corporation in Asia Minor of the 19th century B. C.)] Kiliopisany doklady iz Kili-Tepa v subranitakh SSSR. (Prema i dokumenty torg. ob'edinenia v Maloi Azii XIX v. do n. e.) Avlogr. Kopii, transkriptsiu, perovod, vvodnaya stin'ia, komment. i glosarii N. B. Lankovskoi. Moskva, "Nauka," 1968. 300 p. (Pamiatniki pis'mennosti Vostochn. 14).

931(571)—Aeolic R. S. F. S. R.

[History of Siberia from the ancient period to our times. In five volumes] Istoria Sibir'i s drevnoishikh vremen do nashikh dni. V 5-ti t. Leningrad, "Nauka," T. 1, [Ancient Siberia] Drevnaya Sibir', 1968. 464 p.

94 Medieval and modern history

Marx about the national liberation movement. A. Smirnov. Kommunist 46 no. 6:77-87 Ap '68.

94(4)—Europe

Rosa Luxembourg's struggle against militarism and the threat of war in the early 20th century. V. V. Chistiakov. Sov. slav. no. 3:19-20 My-Je '68.
Some aspects of the problem of the origin of absolutism. A. N. Chislovonov. Vop. ist. no. 5:46-52 My '68.

94(4.6)—European capitalist countries

Problem of landownership in the prefeudal and early feudal societies of Western Europe. A. I. A. Gurevich. Vop. ist. no. 4:88-105 Ap '68.

94(41)—United Kingdom and Northern Ireland

Mochul'skii, N. F. [The labor movement in England on the eve of the Second World War. (1934-1939)] Rabochee dvizhenie v Anglii nakanune vtoroi mirovoi volny. (1934-1939 gg.) Moskva, Izd. Mosk. un-ta, 1968. 362 p.

94(437)—Czechoslovakia

In memory of Zdenek Nejedly, 1878-1962. V. D. Koroluk. Vop. ist. no. 4:203-209 Ap '68.
A summer seminar in Prague. V. M. Moklenko. Sov. slav. no. 3:117-118 My-Je '68.
Three months in Prague: A. N. Pyatin's notebooks. T. S. Karshka. Sov. slav. no. 3:49-57 My-Je '68.

94(438)—Poland

Defense of a dissertation. E. I. Legurov. Sov. slav. no. 3:113 My-Je '68.
Lectures for Slavists in Warsaw. I. Mostakova. Sov. slav. no. 3:113-117 My-Je '68.
New materials relating to Piotr Skolegany. V. A. Dyakov. Sov. slav. no. 3:30-37 My-Je '68.

94(460)—Spain

A path from war. V. Nazarenko. Vnutrenn'ye 7 no. 5:74-75 '67.

94(471.310)—Moscow City

[Moscow business and everyday writing of the 17th century] Moskovskaya delovaya i bytovaya pis'mennost' XVII veka. Izd. podgotovili S. I. Kotkov i dr. Moskva, "Nauka," 1968. 330 p.

94(495)—Greece

Development of Soviet Byzantine studies. Z. V. Udal'tsova. Vop. ist. no. 5:70-73 Je '68.

94(498)—European communist countries as a group

Books on the present-day situation, history, culture, and language of the Slavic peoples in foreign countries published in 1967 in the Soviet Union. Sov. slav. no. 3:102-105 My-Je '68.

The most important articles and materials on the present-day situation, history, culture, and languages of the Slavic peoples in foreign countries published in 1967 in Soviet periodicals (continuation). Sov. slav. no. 3:105-109 My-Je '68.

Slavic studies published in foreign periodicals. Sov. slav. no. 3:109-111 My-Je '68.
Tenth session of the Symposium on the Agrarian History of Eastern Europe. K. I. Sov. slav. no. 3:112 My-Je '68.

94(497)—Italian States

Some biographical data about K. P. Malchukov. K. L. Stukova. Sov. slav. no. 3:76-74 My-Je '68.

94(497.1)—Yugoslavia

Defeat of the bourgeois opposition and consolidation of the victory of the people's revolution in Yugoslavia, June 1945-January 1946. L. A. Gribianskii. Sov. slav. no. 3:117 My-Je '68.
An international conference on the Serbian "Omladina." V. K. Sov. slav. no. 3:114-116 My-Je '68.

94(498)—Romania

The "Iron Guard." Karol II, and Hitler (to be continued). N. I. Lebedev. Vop. ist. no. 5:147-159 Je '68.

94(51)—China

New source for the history of the Chinese Revolution. H. M. Garustants. Vop. ist. no. 5:106-108 My '68.
Reminiscences of a military adviser on the northern march of the Chinese National Liberation Army (to be continued). A. I. Cherepanov. Vop. ist. no. 5:109-116 My '68.

Reminiscences of a military adviser to the National Revolutionary Army of China on its northern campaign (continuation). A. I. Cherepanov. Vop. ist. no. 5:116-135 Je '68.

94(52)—Japan

Gol'dberg, D. I. [History of the revolutionary movement in Japan. Forest in September 1905] Iz istorii revoliutsionnogo dvizhenia v Japonii. Sen'iav'skie volnunia 1905 g. Leningrad, Izd. Leningr. un-ta, 1968. 43 p.

94(587)—Iraq

After 48 years. M. Kamal'. Az. i Afr. ooz. 12 no. 7:60 Ji '68.

94(597)—Vietnam

Bombs won't stop us. Viktor Sokolov. Sov. profsoyuz 24 no. 10:5 My '68.

Stop the bloody hand of the aggressor! [From the Emergency Session of the General Council of the WFTU.] E. Makukhin, I. A. Shkharovskii. Sov. profsoyuz 24 no. 10:2-3 My '68.

The trade union movement and Vietnam. Vasm. prof. dzhzh. no. 5:3-8 My '68.

94(63)—Ethiopia

Articles on the history of Ethiopia published in the "Journal of Ethiopian studies." V. S. Igh'la. Vop. ist. no. 4:197-201 Ap '68.

940.63 History of World War II, 1939-1945

As my own father. V. Dublinkin. Part. zhizn' no. 18:67-69 3 '68.
Baptism of fire. S. Priezzhev. Av. i kosm. no. 6:69-72 8 '68.

The battle for the Caucasus. A. A. Grechko. Tekh. i inzh. 26 no. 2:45-47 F '68.
Communist youth of the air formations. N. A. Mikhailov. Av. i kosm. no. 8:21-24 S '68.

Contribution of metallurgists. I. Pashkin. Tekh. i inzh. no. 12:4-5 D '67.
For the liberators of our precious. T. Davidenko. Biblioteka' no. 5:32-31 '65.
From pages of combat: biography. G. Andreev, I. Vukov. Av. i kosm. no. 8:60-67 Ap '68.
Heroes of the Air Force. A. Vasil'ev. Av. i kosm. no. 8:60-67 Ap '68.

In air battles. V. I. Buzov. Mor. sber. 50 no. 10:1-18 13 '67.
In the main direction. S. Islenko. Av. i kosm. no. 8:28-34 Ag '68.

Landing in the rear of the enemy. P. Tserkovich. Av. i kosm. no. 5:74-75 Je '68.

Legendary train. I. Vinogradov. Zakup. rel'ioz. prel. no. 11:4-15 N '67.

Colored stars. V. Filipovich. Voen. znan. 44 no. 7:32-33 Ji '68.

Immunity of courage. N. P. H. Av. i kosm. no. 8:2-12 Je '68.

Soldiers' letters as a means of education. N. Elagin. Biblioteka' no. 5:12-15 '68.

They knew Arvar. G. Nikolaenko. Av. i kosm. no. 8:30-31 Ap '68.

They were taking off in order to win. A. Semerov. Av. i kosm. no. 8:66-68 S '68.

Thus the victory began. N. Mikhailovskii. Mor. sber. 50 no. 10:76-81 D '67.

Without regard for their lives. A. N. Selin. Vest. protivokor. obr. no. 7:91-95 Ji '68.

940.53(471.232)—Leningrad City

Bychevskii, B. V. [City as a frontline] Gorod-front. [2-c rasshr. 1 dop. izd.] Leningrad, Leningrad, 1967. 431 p.
Luknitskii, P. N. [Leningrad acts...]. Leningrad detslitv... Moskva, "Sov. pisatel'," Kn. 3, 1968. 780 p.

940.53(471.323)—Kursk Province

A noble, critical battle. A. Gelman. Voen. znan. 44 no. 7:4-6 Ji '68.

940.53(471.65)—North Ossetian A. S. S. R.

The heroes of a book have visited its readers. I. Gelola. Biblioteka' no. 5:19-19 '68.

940.53(476)—White Russian S. S. R.

Museum of the heroic Brest fortress. M. Potrushko. Komm. Vooruzh. Sil. 49 no. 9:66-69 My '68.

940.53(571.15)—Altai Territory

[Combat glory of Altai] Boevaya slava Altai. Barnaul, Alt. kn. izd. (Gerol Sovetskogo Soyuza - nashi zom. latsi) Kn. 1, 1967. 320 p.

947 History of Russia, U.S.S.R.

Autocracy and the laboring classes; some problems in the policy of the tsarist government. L. M. Ivanov. Vop. ist. no. 5:38-53 Je '68.

Brief notes. Vop. ist. no. 4:180-182 Ap '68.

Brief notes. Vop. ist. no. 5:190-193 My '68.

Brief notes. Vop. ist. no. 8:198-200 Je '68.

English studies on the history of feudal Russia. N. V. Sinitsyna. Vop. ist. no. 4:183-195 Ap '68.

[Foreign policy of Russia in the 19th and early 20th century. Documents of the Russian Ministry of Foreign Affairs. Series 1, 1801-1805] Vneshnaya politika Rossii XIX i nachala XX veka. Dokumenty Ros. m-va inostr. del. Seriya 1. 1801-1805 gg. Moskva, Polizdat, [In Russian, German, and French] [T. 5]. 1967. 784 p.

Guarding the Soviet borders for half a century. G. Zabolotnyi. Komm. Vooruzh. Sil. 49 no. 9:35-41 My '68.

History of the zemskie sobory of the 16th century. N. I. Pavlenko. Vop. ist. no. 5:82-105 My '68.

K. Marx and F. Engels on the revolutionary movement in Russia and Russian revolutions. A. K. Vorob'eva. Vop. ist. no. 4:44-59 Ap '68.

Kropotkin, V. V. [Economic contacts of Eastern Europe in the first millennium A. D.] Ekonomicheskie svyazi Vostochnoi Evropy v I tysacheletii nashet ery. Moskva, "Nauka," 1967. 136 p.

Lebedev, V. V. [International situation of Russia on the eve of the October Revolution] Mezhdunarodnoe polozhenie Rossii nakanune Oktobr'skoi revoliutsii. Moskva, "Nauka," 1967. 311 p.

Miklov Chierok, an associate of Razin. V. A. Trokhov. Vop. ist. no. 6:211-214 Je '68.

So-called "agricultural cities" in 18th century Russia. L. V. Mitov. Vop. ist. no. 8:54-64 Je '68.

Status of contemporary Great Russia or Moscow (conclusion). G. David. Vop. ist. no. 4:138-147 Ap '68.

A study of Russian Slavophiles. E. V. Osipova, V. I. Fusternakov. Vop. ist. 22 no. 7:167-171 '68.

Studying the agrarian history of 16th century Russia. S. O. Shmidt. Vop. ist. no. 5:17-31 My '68.

Studying the history of the Russian Church. A. N. Sakharov. Vop. ist. no. 6:187-178 Je '68.

Tenth session of the Symposium on the Agrarian History of Eastern Europe. K. I. Sov. slav. no. 3:112 My-Je '68.

947 (Continued)

Vologradskaya, P.S. [Events and memorable encounters]
Sobytia i painiatnye vsrech. Moskva, Polizdat,
1968. 239 p.
Yes, Comrade Bondar' is right. V. Monakhov. Part.
zhizn' no. 15:76 Ag '68.

947(471.310)—Moscow City

From the Moscow past. N.N. Bellanchikov. Vop. ist.
no. 6:24-28 Je '68.

947(471.35)—Volgograd Province

Mon'ko, A. [Annals of heroic history] Lelops'
geroicheskoi istorii. Volgograd, N.-Volzh. kn. izd.,
1967. 155 p.

947(471.831)—Kalmyk A.S.S.R.

[Outline history of the Kalmyk A.S.S.R. The period
before the October Revolution] Ocherki istorii Kalmyk-
skoi ASSR. Dooktubr'skii period. Moskva, "Nauka,"
1967. 479 p.
CITY MU

947(478)—Moldavian S.S.R.

[Outline history of Tiraspol'] Ocherki istorii Tiraspolia.
Kishinev, "Karita moldovenaske," 1967. 188 p.

947(571.17)—Kemerovo Province

[History of the Kuznetsk Basin] Istoriia Kuzbassa.
Kemerovo, Kn. izd.
Ch. 1. [History of the Kuznetsk Basin from the
ancient period to the Great October Socialist
Revolution] Istoriia Kuzbassa s drevneishikh
vremen do Velikoi Oktabr'skoi sotsialistich-
eskoi revoliutsii.
Ch. 2. [History of the Kuznetsk Basin from the
Great October Socialist Revolution to the
beginning of socialist industrialization] Istoriia
Kuzbassa ot Velikoi Oktabr'skoi sotsialistich-
eskoi revoliutsii do nachala sotsialisticheskoi
industrializatsii. 1967. 378 p.

947(571.54)—Buryat A.S.S.R.

Agrarian relations among the Buryats of the Barguzin
Administrative Area in the second half of the 18th
century. I. A. Analkhanov. Krat. soob. BKNII no. 2:
88-93 '60.
In the Department of History and Ethnography. Krat.
soob. BKNII no. 2:141-142 '60.
A page from the history of Novaya Bryan', a village of
the "Semelskie" Russians. G. I. Okhrimerko. Krat.
soob. BKNII no. 2:84-89 '61.

947(571.66)—Kamchatka Province

Kamchatka during the Soviet regime. K. G. Kuzakov.
Vop. geog. Kamch. no. 5:3-16 '67.

947(575.1)—Uzbek S.S.R.

[History of the Uzbek S.S.R. in four volumes] Istoriia
Uzbecksok SSR. V 4-kh t. Glav. red. kollegiia: R. Kh.
Aminova. I dr. Tashkent, "Fan."
T. 1. [From the ancient times to the middle of the
19th century] S drevneishikh vremen do serediny
XIX veka. 1967. 770 p.
T. 2. [From the incorporation of Uzbek khanates
into Russia before the Great October Socialist Revo-
lution] Ot prisoedineniia uzbecksikh khanstv k
Rossii do Velikoi Oktabr'skoi sotsialisticheskoi
revoliutsii. 1968. 682 p.
T. 3. [Victory of the Great October Socialist Revo-
lution and the building of socialism in Uzbekistan.
(1917-1937)] Pobeda Velikoi Oktabr'skoi sotsial-
isticheskoi revoliutsii i postroyenie sotsializma v
Uzbekistane. (1917-1937 gg.) 1967. 707 p.

947(576.3)—Tajik S.S.R.

[The 50 year struggle for national happiness] 50 let
bor'by za narodnoe schast'e. Dushanbe, "Irfon,"
1967. 220 p.

947.084 History of Russian Revolution, 1917-1920

About deeds and days which shocked the world. I. Smir-
nov. V mire knig 7 no. 8:6-7 '67.
An anniversary session of the Polish Academy of
Sciences. I. B. Gurev. Sov. slav. no. 3:113-114
Mysle '68.
Horevkin, A. V. [The October Revolution and the U.S.A.
1917-1922] Oktabr'skaya revoliutsiia i SSHA. 1917-
1922 gg. Moskva, "Nauka," 1987. 496 p.
Innd
The Communist Party of Germany was the organizer of
the German antifascist struggle. A. S. Blank. Vop.
ist. KPSS no. 7:74-83 Ji '68.
First battle, first victory. A. Cherepanov. Tekh. i
vooruzh. 26 no. 2:2-3 F '68.
The first Constitution of the socialist state. A. I.
Lepeshkin. Sov. gos. i pravo no. 7:12-19 Ji '68.
First decrees and decisions on library work. K. Abramov.
Bibliotekar' no. 11:57-60 '67.
Girls enlisted in the military school in the Kremlin.
O. A. Poletaev. Vop. ist. no. 5:209-212 My '68.
Great glory to our sailors, the heroes of the Revolution!
V. I. Bazarovskii. Mor. sbor. 50 no. 10:72-75 O '67.
In the Kronstadt skies, year (201. K. Trunov. Av. i
kosm. no. 6:27-31 Jo '68.
In the terror year of 1918. S. Lisetski. V mire knig 7
no. 6:11 '67.

Investigation and trial of participants in the uprising of
the "left-wing" social revolutionaries. V. M. Kuritsin.
Sov. gos. i pravo no. 8:144-147 Ag '68.
On some questions in the history of the CPSU during the
civil war and military intervention; in connection with
the publication of the second book of the 3rd volume of
"The History of the CPSU." L. M. Spirin, S. N.
Svetskii. Vop. ist. KPSS no. 7:35-48 Ji '68.
On the 50th anniversary of an ice cruise. Mor. sbor.
51 no. 4:15-17 Ap '68.
Organizational and legal forms of the work of the Council
of People's Commissars in the R.S.F.S.R., 1917-1921
F. I. Korenevskaya. Sov. gos. i pravo no. 7:93-97
Ji '68.

Razumov, V. A. [Treasures returned to the people. How
the artistic and historical treasures of our country were
preserved during the early years of the Soviet regime]
Bogalstva, vozvrashcheniye narodu. Kak byli sokhra-
neny khudozh. -ist. bogalstva nashel Rodiny v pervye
gody Sovetskoi vlasti. Moskva, "Znaniye," 1968. 32 p.
Novoe v zhizni, nauke, tekhnike. Seriya "Istoriia." 6.
The Red Army's victory over the interventionists and
White Guards during the civil war. A. P. Putilov.
Kosm. Vooruzh. Sil. 49 no. 9:72-78 My '68.
Some problems concerning the strategy and tactics of
the Bolshevik Party during the October Revolution
Nekotorye voprosy strategii i taktiki partii bol'shevikov
v Oktabr'skoi revoliutsii. Moskva, "Mysl," 1968.
444 p.

The total of province party organizations in the Comrad
Region in 1918. Vop. ist. KPSS no. 7:94-108 Ji '68.
[We saw and heard Lenin. Reminiscences] My videli
i slysali Lenina. Vospominaniia. (Simferopol').
"Krym," 1967. 200 p.

947.084(471.4)—Central and Lower Volga
Regions

Kibardin, M. A., E. I. Medvedev, and A. A. Shchekin.
[The October Revolution in rural areas. (Based on
materials of the central Volga Valley)] Oktabr' v
derevne. (Na materialakh Sred. Povolzh'ia). Kazan',
Izd. Kazan. un-ta, 1967. 227 p.

947.084(471.62)—Krasnodar Territory

We remember the heroic deeds of the Taman Army.
V. Fokcev. Bibliotekar' no. 12:30-33 D '67.

947.084(476)—White Russian S.S.R.

[Struggle for the Soviet regime in White Russia. 1918-
1920. A collection of documents and materials. In two
volumes] Bor'ba za Sovetskuiu vlast' v Belorussii.
1918-1920 gg. Sbornik dokumentov i materialov. V 2-kh
t. Minsk, "Belarus,"
T. 1. [February 1918-February 1919] Fevral'
1918 g. - fevral' 1919 g. 1968. 682 p.

947.084(477)—Ukrainian S.S.R.

Establishment of the Ukrainian Soviet Socialist Republic.
I. U. M. Garmetelli, M. A. Rubashin, N. I. Suprunenko.
Vop. ist. no. 5:3-16 My '68.
[The Ukrainian S.S.R. during the civil war. 1917-1920.
In three volumes] Ukrainskaya SSR v period grazhdan-
skoi volny. 1917-1920 gg. V 3-kh t. Kiev, Politizdat
Ukrainy.

T. 1. [Victory of the Great October Socialist Revo-
lution in Russia. Restoration and consolidation of
Soviet rule in the Ukraine. Patriotic war of the
Ukrainian people against the Austro-German
occupation forces. (March 1917-November 1918)]
Pobeda Velikoi Oktabr'skoi sotsialisticheskoi
revoliutsii v Rossii. Vostanovlenie i ukrepleniye
Sovetskoi vlasti na Ukraine. Ocherki voennoi
volna ukrainskogo naroda protiv avstro-german-
skikh okupantov. (Mart. 1917 - noyabr' 1918 g.)
1967. 473 p.

947.084(477.9)—Crimea

Semia, G. I., and A. S. Nikitina. [Knights of Lenin]
Postanyie Lenina. Simferopol', "Krym," 1967. 175 p.

AUXILIARY CLASS BY PLACE

(177) Undeveloped and underdeveloped areas

see under the following numbers: 300; 32; 330.2; 336; 338; 338.08; 341.1; 382; 382.10

(211) Cold, rigid regions

see under the following numbers: 620; 627.6

(234) Mountains of Europe

see under the following numbers: 548.6; 549.7; 549.8; 549; 550.4; 551.2; 551.7; 552; 553; 562

(235) Mountains of Asia

see under the following numbers: 548.1; 549.8; 560.4; 551.7; 562

(261) Atlantic Ocean

see under the following numbers: 551.6; 551.40

(261.1) North Atlantic Ocean

see under the following numbers: 551.3; 551.7

(261.3) Baltic Sea, with Gulfs

see under the following number: 551.40

(262.5) Black Sea

see under the following numbers: 551.40; 553; 591.6; 592; 596

(262.8) Caspian Sea

see under the following numbers: 551.40; 551.5; 621.3; 622.2

(285) Pacific Ocean

see under the following numbers: 548.6; 551.3; 551.40; 551.5; 553; 591.0; 592; 595; 597; 599.2; 600

(287) Indian Ocean

see under the following numbers: 597; 592

(287.8) Persian Gulf

see under the following number: 622.2

(288) Arctic Ocean

see under the following numbers: 551.40; 591.5; 592; 595; 597; 599.2

(282.24) European rivers

see under the following numbers: 551.48; 565; 914.7

(285) Lakes, ponds, etc.

see under the following numbers: 551.4; 551.5; 605

(4.9.103) Communist countries of the world

see under the following numbers: 311; 330.2; 331.1; 332.6; 339; 338; 338.6; 338.8; 302; 32

(4.9.104) Capitalist countries of the world

see under the following numbers: 07; 14; 17; 23; 24; 28; 32; 323.16; 323.2; 323.3; 327; 328; 328.08; 330.1; 330.2; 331.1; 331.2; 331.7; 331.801; 332.1; 332.4; 332.6; 332.6; 336; 330.1; 338; 338.07; 341.2; 343; 347; 353.33; 351.74; 392; 392; 921; 622.3; 622.123; 622.6; 686.5; 670.8

(4) Europe

see under the following numbers: 300.683; 327; 336.2; 337; 341.2; 551.6; 621.311; 64

(4.0) European capitalist countries

see under the following numbers: 300.683; 330.2; 331; 332.0; 333; 338.4; 338.8; 338.08; 75; 94

(41) United Kingdom and Northern Ireland

see under the following numbers: 06.00; 323; 323.2; 329; 327; 329.14; 330.18; 331; 332.1; 332.6; 338; 336.1; 337; 670.0; 921; 923.4; 924.1; 930; 930.1; 94

(430) Germany

see under the following numbers: 32; 323.2; 327; 329.09; 329.14

(431) German Democratic Republic

see under the following numbers: 01; 02; 327; 331.881; 331.97; 338; 341.2; 351; 355.7; 358.4; 372; 382; 800; 92; 920.2; 625.7; 658.5; 67; 977; 901.4

(433) Federal Republic of Germany

see under the following numbers: 323; 323.2; 327; 329.14; 329.4; 339.07; 342; 351.83; 365.02; 399; 382; 921

(436) Austria

see under the following numbers: 331.881; 336

(437) Czechoslovakia

see under the following numbers: 01; 323; 323.2; 327; 329.08; 341.2; 921.317; 621.43; 621.5; 929.113; 686.7; 78; 94

(438) Poland

see under the following numbers: 01; 01.0; 02; 061; 300.682; 331.881; 331.97; 342; 347.9; 355.4; 381.1; 602.7; 660.3; 628.1; 677; 78; 930; 94

ngary
der the following numbers: 01; 05; 06.06;
877

ce
der the following numbers: 061; 14; 301.151;
23; 324; 328; 329; 329.06; 331; 332.5;
340; 351.83; 387; 372; 378; 381.1; 396;
339; 666.1

der the following numbers: 323; 324; 331.8;

in
der the following numbers: 323; 323.15; 327;
348.7; 701; 04

open U. S. S. R.
der the following numbers: 327; 661.2;
651.5; 651.7; 651.8; 653; 56; 561;
660

alan Soviet Federated Socialist Republic (R. S. F. S. R.)
der the following numbers: 02; 308; 31;
351; 551.45; 614; 63; 634.1

thern R. S. F. S. R.
der the following numbers: 37; 561

Archangel Province
der the following numbers: 608.2; 634.0

Valdai Province
der the following numbers: 02; 332.2; 549

omi A. S. S. R.
der the following numbers: 01; 505;
622.2

orthwestern R. S. F. S. R.
der the following number: 551.7

Murmansk Province
der the following numbers: 02; 649; 550.4;
551.40; 653; 663

azanian A. S. S. R.
der the following numbers: 00; 30; 550.0

eningrad Province
der the following numbers: 020; 338.1;

Leningrad City
der the following numbers: 02; 020;
338.1; 331.07; 355.5; 362.0; 373.6;
378; 381.5; 421; 442; 658.1; 668.3;
684.1; 684.6; 686.5; 686.3; 689; 674;
681.1; 60; 604; 697; 711.4; 725.8; 729;
732; 04; 047

Novgorod Province
der the following number: 627.8

Pskov Province
der the following numbers: 02; 028; 60

Lalningrad Province
der the following numbers: 02; 355.6

Moscow City
der the following numbers: 02; 028; 06.06;
334.88; 331.07; 355.5; 362.0; 373.6;
378; 381.5; 421; 442; 658.1; 668.3;
684.1; 684.6; 686.5; 686.3; 689; 674;
681.1; 60; 604; 697; 711.4; 725.8; 729;
732; 04; 047

Moscow Province
der the following numbers: 02; 069; 329.01;
374; 553.0; 681.6; 695; 618; 621.01;
639.1; 658.5; 681.6; 684.6; 689; 877;

(471.312) Tula Province
see under the following numbers: 308; 329.01;
339.1; 351.9; 383.1; 628.8; 610

(471.313) Ryazan Province
see under the following number: 028

(471.314) Vladimir Province
see under the following numbers: 02; 308; 31;
331.1; 331.881; 338; 621; 631.1; 667; 677

(471.315) Ivanovo Province
see under the following numbers: 331.8; 331.97;
621; 677

(471.318) Yaroslavl Province
see under the following numbers: 02; 069; 336.2;
658.5

(471.317) Kostroma Province
see under the following numbers: 329.01; 329.02;
338.1; 381; 551.40; 553; 599; 63; 658.5; 677

(471.318) Kaluga Province
see under the following numbers: 329.01; 331.7;
332.7; 370.17; 625.2; 658.2; 658.5; 660.9

(471.321) Orel Province
see under the following numbers: 02; 331.6;
338.1; 621.329; 631.1; 658; 667

(471.322) Lipetsk Province
see under the following numbers: 02; 428; 329.01;
338.1; 376.17; 631.3; 910

(471.323) Kursk Province
see under the following numbers: 02; 331.98;
374; 553; 616.9; 621; 622.7; 684.1; 940.53

(471.324) Voronezh Province
see under the following numbers: 331.881; 332.1;
332.2; 351.9; 374; 676.8; 595; 631.1; 656.2;
658.1; 665

(471.325) Belgorod Province
see under the following numbers: 347.963; 351;
910

(471.326) Tambov Province
see under the following numbers: 02; 028; 331;
332.1; 633; 697; 677

(471.327) Penza Province
see under the following numbers: 02; 028; 215;
332.1; 332.7; 373.68; 374; 725.6

(471.328) Mordvin A. S. S. R.
see under the following numbers: 01; 02; 638.4;
910

(471.331) Kalinin Province
see under the following numbers: 02; 028; 308;
631.1; 656; 677

(471.332) Smolensk Province
see under the following numbers: 028; 31; 63

(471.333) Bryansk Province
see under the following numbers: 30.07; 323.33;
338.1; 631.4; 637

(471.34) Volga-Vyatka regions
see under the following number: 381.1

(471.341) Gor'kiy Province
see under the following numbers: 02; 028; 661;
07; 329.01; 331.97; 332.2; 670.8; 620.4; 628.5;
629; 631.1; 631.8; 660.1; 668.7; 666.6; 711.4

(471.342) Kirov Province
see under the following numbers: 020; 31; 329.01;
336; 599; 616.988; 631.6

(471.343) Mari A. S. S. R.
see under the following numbers: 338.1; 366

(471.344) Chuvash A. S. S. R.
see under the following numbers: 02; 308; 338;
362.6; 621.3; 631.1; 658.5

(471.4) Central and Lower Volga regions
see under the following numbers: 370.17; 647.034

(471.41) Tatar A. S. S. R.
see under the following numbers: 308; 31; 331.1;
338; 539; 621.8; 622.2; 624.1; 656.6; 658.5

(471.42) Ulyanovsk Province
see under the following number: 62

(471.43) Kuybyshev Province
see under the following numbers: 625.7; 621.4

(471.44) Saratov Province
see under the following numbers: 02; 331.8; 331.881;
331.97; 338.1; 332; 599; 622.2; 627.6; 658;
658.5; 684.6; 695

(471.45) Volgograd Province
see under the following numbers: 02; 07; 332.7;
336; 338.1; 351.7; 550.8; 622.3; 627.6;
629.12; 658.1; 676; 947

(471.46) Astrakhan Province
see under the following number: 598.2

(471.5) Ural regions
see under the following numbers: 329.02; 550.8;
551.4; 551.7; 553; 592; 621.22; 621.701;
622.2; 635.0; 712.3; 912

(471.51) Udmurt A. S. S. R.
see under the following numbers: 351.8; 551.7;
655; 656.1; 695

(471.52) Bashkir A. S. S. R.
see under the following numbers: 028; 329.01;
331.8; 338.1; 338.9; 343.916; 551.5; 552;
553.9; 621.6; 622.2; 627.4; 631.3; 633;
633.2; 637; 657; 658.1; 659.6; 66; 660.9

(471.53) Perm Province
see under the following numbers: 02; 028;
331.881; 338; 523; 551.4; 441.48; 621.7;
622.2; 628.5; 63; 631.4; 655; 658.1;
66; 661.3; 677

(471.54) Sverdlovsk Province
see under the following numbers: 02; 331.881;
398; 552; 622.2; 657; 658.6; 661.8; 664.1;
664.6; 666.7; 669.16; 678.5

(471.55) Chelyabinsk Province
see under the following numbers: 332.7; 374; 656.8;
658.1; 668

(471.56) Orenburg Province
see under the following numbers: 551.48; 627.8;
658.5; 681.2

(471.6) Northern Caucasus
see under the following numbers: 550.4; 553; 561;
621.38; 658.7

(471.61) Rostov Province
see under the following numbers: 362.4; 516; 553;
621.007; 631.1; 631.3; 658.5; 664.8; 697

(471.62) Krasnodar Territory
see under the following numbers: 01; 028; 30.07;
308; 331.1; 331.881; 331.97; 338.1; 361.74;
362.1; 37; 362; 620.2; 622.2; 633; 658.5;
653; 664.1; 664.6; 664.7; 664.8; 677; 910;
947.084

(471.63) Stavropol Territory
see under the following numbers: 02; 028; 308;
31; 332.1; 338; 338; 355.5; 615.6; 656.1

(471.631) Kalmyk A. S. S. R.
see under the following number: 947

(471.64) Kabardino-Balkar A. S. S. R.
see under the following numbers: 619; 627.8;
799; 810

- (471.65) North Ossetian A. S. S. R.
see under the following numbers: 02; 912
- (471.66) Chechen-Ingush A. S. S. R.
see under the following numbers: 332.7; 338.1;
374; 551.4; 622.2; 665.5
- (471.67) Dagestan A. S. S. R.
see under the following numbers: 02; 308; 331.8;
335.1; 338; 338.1; 388.1; 631.1; 681.8; 796
- (474.2) Estonian S. S. R.
see under the following numbers: 100; 10; 308;
31; 329.01; 331; 333; 338; 338; 372; 821.5;
824.1; 838.2; 864.1; 864.8; 868.9; 78; 711.1
- (474.3) Latvian S. S. R.
see under the following numbers: 308; 331.8;
331.881; 382; 571; 63; 856.1; 658.7; 867;
877; 678; 803.5; 831
- (474.5) Lithuanian S. S. R.
see under the following numbers: 02; 66; 308;
331.8; 332.7; 338; 338.1; 373.88; 378; 550.4;
551.3; 551.48; 551.5; 552; 553; 828.8; 831.8;
830.2; 677; 76; 782; 911
- (476) White Russian S. S. R.
see under the following numbers: 01.5; 02; 001;
068; 308; 329.01; 320.02; 332.1; 332.7; 338.1;
338.6; 338.0; 347.9; 351.83; 351.9; 370.17;
381.5; 386; 651.45; 551.49; 551.7; 553; 581;
581.5; 581.9; 582.4; 595; 599; 808; 820.1;
821; 821.31; 821.35; 821.43; 821.5; 821.7;
821.79; 821.8; 822.2; 822.3; 825.7; 825.8;
829.113; 829.122; 831.1; 831.4; 831.8; 833;
833.2; 834.0; 835.1; 838; 838.08; 84; 858.8;
857; 858.1; 858.5; 86; 862.0; 863; 864.1;
875; 877; 878; 885; 897; 60; 891; 792;
940.53; 947.084
- (477) Ukrainian S. S. R.
see under the following numbers: 02; 828; 85;
88.69; 881; 07; 10; 328.01; 331; 331.1;
331.2; 331.8; 331.881; 332.1; 332.2; 338;
338.1; 338.1; 339.07; 340.00; 351.0; 352;
355.5; 373.08; 379; 381; 381.1; 541.18;
546.3; 649; 550.3; 550.9; 551.2; 551.3;
551.7; 551.8; 552; 553; 553.0; 562; 574; 814.2;
816.4; 821; 821.3; 821.311; 821.33; 821.6;
821.77; 821.8; 822.2; 822.3; 822.7; 824.1;
825.2; 825.7; 826.4; 827.2; 827.8; 83; 831.3;
831.4; 831.8; 831.82; 831.8; 833; 834.0; 834.1;
837; 891; 896.1; 896.2; 897; 898; 899.1; 898.3;
898.5; 898.7; 898.8; 899.0; 899; 899.1; 899.4;
899.8; 899.1; 899.7; 899.9; 899; 899.1; 899.4;
899.1; 899; 899.7; 899.9; 899; 899.1; 899.4;
728; 729; 745; 747; 78; 947.084
- (477.6) Donets Basin
see under the following numbers: 02; 338.0; 540;
549; 550.8; 551.1; 551.49; 551.7; 552; 553.8;
621; 822.2; 680.7
- (477.8) Western Ukraine
see under the following numbers: 02; 820; 800;
215; 331.8; 549; 551.2; 551.48; 551.40;
553; 553.0; 552.4; 621.307; 622.2; 820.113;
835.1; 858.1; 864.1; 60
- (477.88) Transcarpathia
see under the following numbers: 548; 551.2;
551.45; 552
- (477.9) Crimea
see under the following numbers: 331.1; 347.0;
550.3; 551.2; 551.40; 551.7; 552; 553; 553.8;
598; 824.1; 835; 850.1; 728.5; 947.084
- (478) Moldavian S. S. R.
see under the following numbers: 02; 308; 320.01;
338; 335.5; 352.1; 551; 551.2; 561.7; 551.8;
552; 553; 50; 578.8; 502; 505; 507; 821.011;
832; 834.1; 836.3; 850.8; 857; 850.1; 804.1;
864.8; 947
- (479) Caucasus and Transcaucasia
see under the following numbers: 00.06; 502.7;
551.2; 561.7; 552; 563.0; 681.1; 821.31
- (479.22) Georgian S. S. R.
see under the following numbers: 160.0; 338.00;
540; 551.2; 551.5; 551.7; 552; 501; 681.8;
682.2; 505; 820.8; 831.4; 834.1; 804.1;
864.8; 887; 877
- (479.224) Abkhaz A. S. S. R.
see under the following number: 551.5
- (479.24) Areshan S. S. R.
see under the following numbers: 332.4; 338; 373.6;
41; 550.8; 551.3; 551.48; 551.40; 551.7; 552;
553.9; 581.1; 592; 818.9; 821.3; 622.2; 622.3;
625.8; 627.8; 633; 639.3; 658; 658.5; 863;
684.9; 865; 866.5; 677
- (479.242) Nakhichevan A. S. S. R.
see under the following number: 551.7
- (479.243) Nagorno-Karabakh Autonomous Province
see under the following numbers: 525
- (479.25) Armenian S. S. R.
see under the following numbers: 061; 321; 338.0;
347; 35; 388.1; 392; 398; 500; 550.4; 550.9;
551; 551.2; 551.3; 551.4; 551.5; 561.7; 553;
62; 621.304; 621.35; 622.3; 622.7; 631.8; 633;
635.8; 658.5; 663; 681.8; 686.1; 686.8; 877;
684; 69; 691.2
- (48) Scandinavia
see under the following number: 327
- (480) Finland
see under the following numbers: 328.08; 331;
33; 881; 822.4
- (481) Norway
see under the following numbers: 341.2; 551.3;
551.7
- (488) Denmark
see under the following numbers: 327; 320; 338.00;
341.2; 864.1
- (493) Belgium
see under the following numbers: 324; 804.1
- (494) Switzerland
see under the following numbers: 891; 332.4
- (495) Greece
see under the following numbers: 10; 323; 331.881;
330; 330; 73; 738; 78; 84
- (496) European communist countries as a group
see under the following numbers: 81; 81.3; 81.9;
82; 100; 327; 329.06; 330.2; 338.08; 34; 341.2;
343.8; 343.0; 689.1; 688.6; 830; 84
- (497) Balkan States
see under the following number: 84
- (497.1) Yugoslavia
see under the following numbers: 81; 30.07; 342;
384; 382; 884.1; 884.8; 7.08; 882; 84
- (497.2) Bulgaria
see under the following numbers: 81; 388; 331.881;
330; 553.0; 558.5; 884.8; 889.1; 883; 70
- (498) Romania
see under the following numbers: 81; 821.1; 84
- (5) Asia
see under the following numbers: 551.2; 80
- (51) China
see under the following numbers: 160; 323; 327;
329.06; 336.19; 336.1; 84
- (510.3) Mongolian People's Republic
see under the following numbers: 02; 519.3;
551.3; 551.7; 552; 810
- (52) Japan
see under the following numbers: 07; 30; 31; 321;
327; 329.14; 330.2; 331; 331.881; 338; 338.6;
338.98; 340.90; 341; 353; 382; 82; 823.12;
658.8; 884.1; 888.1; 87/88; 877; 69; 34
- (53) Arabia
see under the following numbers: 323.2; 562
- (539) Arab countries as a bloc
see under the following number: 327
- (540) India
see under the following numbers: 86.03; 32;
323.1; 327; 381.1; 553.9; 567; 622.3;
622.4
- (548.7) Ceylon
see under the following number: 822.6
- (549) Pakistan
see under the following number: 810
- (56) Near East
see under the following numbers: 321; 325; 612.3;
831
- (560) Turkey
see under the following numbers: 338.2; 331.881
- (567) Iraq
see under the following numbers: 323; 327; 94
- (569.1) Syria
see under the following numbers: 330.2; 827.8
- (569.4) Israel
see under the following numbers: 323; 327; 332.1
- (571) Arabic R. S. F. S. R.
see under the following numbers: 308; 321.15; 311;
330.1; 338.4; 338.08; 39; 398; 462; 517.7;
840.8; 840; 550.3; 550.4; 550.8; 551; 551.2;
551.3; 551.4; 551.44; 551.40; 551.6; 551.7;
552; 553; 553.9; 502; 571; 881.1; 681.5;
691.5; 802; 505; 600; 821.311; 822.2; 631.4;
831.8; 833.2; 691; 911; 912; 830.26; 631
- (571.11) Kirgiz Province
see under the following numbers: 828; 358.1;
301; 636.08; 603
- (571.12) Tyumen Province
see under the following numbers: 329.03; 331.8;
550.0; 551.2; 552; 553; 553.9; 561.0; 597;
812
- (571.121) Yamal-Nenets National District
see under the following number: 589
- (571.122) Khanty-Mansi National District
see under the following number: 306
- (571.13) Oymyakon Province
see under the following number: 80
- (571.14) Novosibirsk Province
see under the following numbers: 82; 332.1;
355.5; 822.0; 627.8
- (571.15) Altai Territory
see under the following numbers: 828; 551.4; 551.1;
562; 834.0; 84; 688.1; 878
- (571.161) Gorno-Altai Autonomous Province
see under the following numbers: 82; 551.2; 562
- (571.16) Tomsk Province
see under the following number: 376
- (571.17) Kemerovo Province
see under the following numbers: 82; 308; 331.1;
622.2; 822.3; 89; 947

Chukotka Territory

see under the following numbers: 02; 551.2;
553.9; 562; 581.8; 581.8; 021.22;
821.2; 622.4; 026.4; 827.8;
677; 687; 711.4

Chukotka National District

see under the following numbers: 331.1; 546.7;
50.4; 551.7; 562; 553; 562; 599

Chukotka A. S. S. R.

see under the following numbers: 552; 553; 591.8;
822.2; 796; 910

Chukotka Province

see under the following numbers: 02; 549; 550.8;
551.2; 552; 553; 622.7; 027.8; 858.2;

Chukotka A. S. S. R.

see under the following numbers: 001; 09; 323.3;
58; 404.1; 646.4; 650.3; 661; 561.2;
561.7; 662; 553; 501; 677.1; 595;
32.9; 7.0; 711.4; 810; 911; 947

Chukotka Province

see under the following numbers: 398; 372; 561.4;
551.8; 562; 553; 601.9; 699; 622.2;
628.1; 631; 858.2

Chukotka A. S. S. R.

see under the following numbers: 331.8; 549;
550.8; 561.7; 551.8; 552; 553; 662;
99; 622.3; 622.8; 911; 912

Chukotka Far East

see under the following numbers: 323.16; 382; 602.7;
51.2; 551.6; 601; 582; 605; 599; 027.5;
35.0; 839.2; 056.0; 097

Chukotka Province

see under the following numbers: 561.6; 027.1

Chukotka Territory

see under the following numbers: 92; 026; 549;
078

Chukotka Territory

see under the following numbers: 551.6; 663;
027.1; 027.2; 633; 000.0; 60; 69.05;

Chukotka Province

see under the following numbers: 92; 026; 551.2;
551.7; 663.0; 622.3; 636.6; 637; 691.1

Chukotka Province

see under the following number: 553

Chukotka National District

see under the following numbers: 39; 549; 930.20

Chukotka Province

see under the following numbers: 308; 323.16;
338.91; 353; 41; 549; 569.8; 661;
551.3; 551.4; 551.48; 551.6; 551.69;
562; 563; 561; 561.9; 562.4; 691.5;
592; 697; 598.2; 598; 034.0; 635;
330.2; 056.1; 08.05; 910; 911; 947

(674) Kazakh S. S. R.

see under the following numbers: 02; 323.35;
520.01; 331; 331.681; 332.1; 332.2; 338.1;
347.264; 347.963; 351.63; 351.9; 355.5;
387; 381; 549; 550.8; 551; 551.3; 551.4;
551.49; 551.5; 551.7; 552; 553; 595;
598.1; 599; 618.00; 616.4; 618; 621.6;
622; 622.2; 627.8; 628.1; 631.3; 631.4;
633; 638; 638.98; 637; 639.1; 647; 655;
657; 658; 658.1; 658.4; 658.5; 658.8; 668.7;
669.2; 67/68; 677; 69; 78; 796; 80; 911

(575) Central Asia

see under the following numbers: 321; 327; 338;
338.8; 34; 342; 41; 494.1; 550.4; 660.8;
551.4; 551.45; 551.7; 552; 553; 562; 571;
591.9; 605; 609; 621.0; 026.7; 605.5; 666.7;
910; 914

(575.1) Uzbek S. S. R.

see under the following numbers: 308; 312; 326.08;
368.1; 41; 550.4; 551.2; 551.3; 551.49; 551.40;
551.5; 551.7; 552; 553; 581.1; 594.0; 593;
621.5; 621.80; 627.8; 628.1; 631.1; 658; 650.1;
658.7; 661.0; 605; 608.9; 677; 78; 910;
911; 912; 014; 947

(575.172) Kara-Kalpak A. S. S. R.

see under the following numbers: 581.5; 591.0;
690

(575.2) Kirgiz S. S. R.

see under the following numbers: 02; 338.1; 374;
551.3; 551.48; 503; 013.1; 027.8; 033.2; 035.1;
060.9

(575.3) Tajik S. S. R.

see under the following numbers: 02; 103; 308;
31; 332.1; 338; 351.74; 381; 650.4; 560.8;
551.2; 551.3; 551.4; 551.7; 652; 653; 662.2;
685; 01; 014; 627.8; 63; 947

(575.4) Turkmen S. S. R.

see under the following numbers: 374; 551.2; 551.49;
651.7; 653.9; 574; 577.1; 681; 681.2; 561.0;
581; 595; 697; 01; 013.1; 021.0; 622.3;
626.1; 631.4; 631.52; 633; 633.2

(581) Afghanistan

see under the following numbers: 561.48; 626.0

(597) Vietnam

see under the following numbers: 356; 355.4;
360.4; 94

(597.3) South Vietnam

see under the following number: 323.2

(597.7) North Vietnam

see under the following numbers: 355.4; 503;
599; 912

(6) Africa

see under the following numbers: 07; 323.1; 327;
330.2; 378; 362; 685

(61) Tunisia

see under the following numbers: 351.85; 027.8;
010

(612) Libya

see under the following number: 35.08

(62) Northeast Africa, Egypt and Sudan

see under the following numbers: 323; 327; 330.2;
026.8; 027.8

(63) Ethiopia and Eritrea

see under the following numbers: 01.0; 94

(64) Morocco and Northwest African territories

see under the following numbers: 327; 382

(66) West and North Central Africa

see under the following numbers: 308; 323; 323.1;
347; 35.08; 355.4; 392; 395; 898

(67) Equatorial, South Central and East Africa

see under the following numbers: 308; 323.2; 896

(68) Southern Africa (including Rhodesia)

see under the following numbers: 323.1; 323.2;
328; 330.10; 341.1; 622; 660.21; 880; 910

(69) Islands around Africa

see under the following numbers: 382; 561.3;
910

(71) Canada

see under the following numbers: 00.00; 024.1

(72) Mexico

see under the following numbers: 331; 332.7; 338;
351.83

(729) West Indies

see under the following numbers: 29; 331.6; 330;
382

(729.1) Cuba

see under the following number: 553

(73) United States of America

see under the following numbers: 017; 02; 14;
18.01; 31; 323; 323.1; 324; 327; 329.00;
330.2; 331; 331.1; 332.4; 332.6; 338; 339;
341.2; 351.74; 355.02; 358.4; 389.4; 378;
382; 388.0; 600; 53; 621.311; 621.98; 022.2;
623.4; 623.451; 624.1; 626.3; 629.127; 031.3;
658.7; 661.7; 677; 078.6

(8) South America

see under the following numbers: 60; 323; 323.2;
323.33; 331.061; 332.4; 332.8; 333; 339;
339.0; 341.2; 347; 35.09; 553

(9) Oceania

see under the following numbers: 538.91;
551.4

(910) Indonesia

see under the following number: 598

(914) Philippines (Republic)

see under the following numbers: 308; 010

(94) Australia (Commonwealth)

see under the following numbers: 308; 338.81; 30;
551.4; 010

(90) Polynesia and Micronesia

see under the following number: 910

(98) Arctic and North Polar regions

see under the following numbers: 561.7; 662; 662;
621.308; 622.4; 020.113; 029.127; 654.1

(99) Antarctica. South Polar regions

see under the following numbers: 562; 68; 592;
505; 598.2

PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress.

IN ENGLISH

- AKADEMIA NAUK URSR, Kiev.**
Problems of astrometry. Ye. P. Fedorov, editor. [Washington] National Aeronautics and Space Administration, for sale by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. (1987) ill, 137 p. 27 cm. (NASA technical translation, NASA T F-454) Translation of *Voprasy astronomii*. TL507. U745 no. 454 67-62254
- APPLEBY, BENJAMIN WILLIAM, 1910.**
Nutcracker and Swan Lake; stories of the ballets, by William Appleby and Frederick Fowler. Illustrated by Audrey Walker. [1st American ed.] New York, IL Z. Walck, 1968 [c1960] 57 p. 22 cm. ML3030. C4A8 1968 66-29668/MN
- AUEZOV, MUKHTAR OSMARKHANOVICH, 1897-1961.**
Abai; a novel [by] Mukhtar Auezov. [Translated from the Russian by L. Iivrozov. Edited by H. Perham. Illustrated by I. Ulyba.] Moscow, Foreign Languages Publishing House [n.d.] 2 v. 20 cm. Translation of *Abai*. PZ3. A9175AU 66-136327
- BERLIN, SIR ISAIAH.**
The Hedgehog and the fox: an essay on Tolstoy's view of history. London, Weidenfeld & Nicolson, 1967. [?], 85 p. 21 cm. PQ3416. H5B4 1967 68-123727
- BRADLEY, JOHN, 1930-**
Allied intervention in Russia. New York, Basic Books [1968] xiv, 251 p. 22 cm. DK266. A. B67 1968 68-19845
- CAMPBELL, ROBERT WELLINGTON.**
The economics of Soviet oil and gas, by Robert W. Campbell. Baltimore, Published for Resources for the Future by the Johns Hopkins Press [1968] xv, 279 p. 24 cm. ID9575. H82C3 68-22277
- CIPOLLA, THOMAS M.**
Fyodor Dostoevsky: The brothers Karamazov. Prepared for Barnes & Noble by Thomas M. Cipolla. New York, Barnes & Noble [1968] 96 p. 21 cm. PG3325. B73C5 68-55299
- DARCOVICH, WILLIAM.**
Ukrainians in Canada; the struggle to retain their identity. [Ottawa, Ukrainian Self-Reliance Association, Ottawa Branch, c1967] iv, 38 p. 23 cm. F1035. U6D27 68-132971
- THE DEVELOPMENT OF THE SOVIET ECONOMY;**
plan and performance. Edited by Vladimir G. Tremli. Associate editor, Robert Farrell. New York, Published for the Institute for the Study of the USSR [by] Praeger [1968] xiv, 296 p. 25 cm. HC335. D38 68-25451
- DOLGICH, ALEXANDER A., 1907-**
Development of Soviet supersonic transport equipment and subsystems [by] Aleksander Dolgich. [Washington] Aerospace Technology Division, Library of Congress, 1967. ill, 133 l. 27 cm. (ATD report 67-27) Z683. 23. A2 no. 67-27 67-82052
- BRUM, KARL, 1803.**
Airpower and Russian partisan warfare. Edited by Lillian B. Atkinson, Noel F. Parrish [and] Albert F. Simpson. With an introd. by Telford Taylor. [Maxwell Air Force Base, Ala.] USAF Historical Division, Air University, 1962. New York, Arno Press [1968] xii, 83 p. 29 cm. (USAF historical studies, no. 177) UC633. A37784 no. 177 1968 68-22553
- DUSHNYCH, WALTER.**
The Ukrainian-rite Catholic Church at the Ecumenical Council, 1962-1965: a collection of articles, book reviews, editorials, reports, and commentaries with special emphasis on Ukrainian-rite and other Eastern churches. New York, Shevchenko Scientific Society, 1967. 181 p. 26 cm. (Shevchenko Scientific Society. Ukrainian studies. English section, v. 6 [231]) NX830 1962, B78 67-28417
- DZIUBA, IVAN, 1931-**
Internationalism or Russification? A study in the Soviet nationalities problem. [by] Ivan Dziuba; preface by Peter Archer; edited by M. Davies; [translated from the Ukrainian]. London, Weidenfeld & Nicolson, 1968. xv, 240 p. 23 cm. Translation of *Internatsionalizm chli rusyfikatsiia?* JN6520. M5D943 68-134104
- FIFTY YEARS OF COMMUNISM IN RUSSIA.** Edited with an introd. by Milorad M. Drachkovitch. University Park, Pennsylvania State University [1966] ix, 316 p. 24 cm. (Tower Institution publication 77) KX313. 147 68-8178
- GILBOA, JEROSHUA A.**
Confessed confessions: Eight years in Soviet prisons, by Jeroshua A. Gilboa. Translated from the Hebrew by Dov Ben Aba. [1st ed.] Boston, Little, Brown [1968] vii, 304 p. 22 cm. Translation of *Li-shomrei la-netan*. D503. R6G553 68-20066
- GONCHAROV, NIKOLAI KIRILLOVICH, 1902-**
Public education in the USSR. Karobov prosvetshchente v SSSR; [oklad na Mezhdunarodni seminar v Tashkent, april', 1961 god] Moskva, 1961. 64 p. 22 cm. [in Russian and English] LA831. 8. G59 68-120035
- HARTHAUSEN-ABBENDURG, AUGUST FRANZ LUDWIG MAIDA, Freiherr von, 1702-1868.**
The Russian Empire: its people, institutions, and resources, by Baron von Harthausen; [translated from the German] by Robert Patre, in 2 volumes. 1st English ed., new impression. London, Cass, 1968. 2 v. 22 cm. (Russia through European eyes, no. 4) Translation of *Studien über die innere Zustände, die Volkswirtschaft und insbesondere die staatlichen Einrichtungen Russlands*. DK225. H213 1868a 68-133409
- HIRSCHFELD, BURT, 1923-**
Khrushchev. [1st ed.] New York, Hawthorn Books [1968] 192 p. 22 cm. DK276. K6 1968 68-27644
- KOLARZ, WALTER.**
The peoples of the Soviet Far East. [Hamden, Conn.] Archon Books, 1969. xii, 193 p. 23 cm. DK768. K6 1969 68-12415
- KONFERENTSIYA PO AKKLIMATIZATSII ZHIVOTNYKH V SSSR, France, 1963.**
Acclimatization of animals in the U. S. S. R.; proceedings. (Akklimatizatsiya zhivotnykh v SSSR) Edited by A. I. Yamshevich. Translated from Russian [by B. Hershkovitz]. Jerusalem, Israel Program for Scientific Translations; [available from the U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1966. xiv, 260 p. 24 cm. SF87. K6 1963b 68-67100
- KROPOTKIN, PETR ALEKSEEVICH, kniaz, 1842-1921.**
Fields, factories, and workshops; or, Industry combined with agriculture and brain work with manual work. New rev. and enl. ed. New York, B. Blom [1968] 477 p. 20 cm. HC240. K747 1968 68-56617
- KROPOTKIN, PETR ALEKSEEVICH, kniaz, 1842-1921.**
Kropotkin's revolutionary pamphlets; a collection of writings. Edited with introd., biographical sketch, and notes by Roger N. Baldwin. New York, B. Blom [1968] iv, 307 p. 20 cm. HX15. K80 1968 68-56915
- KROSNY, H. PETER.**
Finland, Germany, and the Soviet Union, 1940-1941; the Petsamo dispute, by H. Peter Krosny. Madison, University of Wisconsin Press, 1963. xiii, 270 p. 22 cm. D765. 3. K7 68-0933
- KRUEGER, JOHN RICHARD, 1927-**
Chorems-Chuvash lexical relationships; an index to Russian's Chuvash loanwords in Chorems! Edited by John R. Krueger, assisted by E. D. Francis. Bloomington, Indiana University [1968] 117 p. 23 cm. (Studies in Chorems, v. 10) Indiana University publications. Uralic and Altaic series, v. 94. PH607. K7 67-66161
- LABIN, SUZANNE.**
Counter attack; a plan to win the political warfare of the Soviets, by Suzanne Labin and her answer to fifteen comments. New York, American-Asher Educational Exchange [1962?] 52 p. 21 cm. JX610. S6L20 68-120294
- LABIN, SUZANNE.**
The techniques of Soviet propaganda. A study presented by the Subcommittee to Investigate the Administration of the Internal Security Act and Other Internal Security Laws of the Committee on the Judiciary, United States Congress, Ninetieth Congress, first session. Roy. Washington, U. S. Govt. Print. Off., 1967. vi, 63 p. 24 cm. At head of title: 80th Congress, 1st session. Senate. Document no. 34. DK270. L3 1967 67-61305
- LARSON, THOMAS B.**
Disarmament and Soviet policy, 1964-1968. Prepared by Thomas B. Larson for the Russian Institute, Columbia University. [New York] 1968. 2 v. 27 cm. JX1074. L20 68-7700
- LATVIAN SOVIET SOCIALIST REPUBLIC. [Moscow.]**
Novosti Press Agency Publishing House, 1967] 18 p. 17 cm. DK511. L61.20 68-13529
- LAVRIN, JANKO, 1887-**
Nikolai Gogol, 1809-1852; a centenary survey. New York, Russell & Russell [1968] 174 p. 20 cm. PG3336. L3 1968 68-24067
- LEONT'EV, LEV ABRAMOVICH, 1901-**
New world, new outlook [by] L. Leontyev [and] O. Yakhol. Moscow, Novosti Press Agency Publishing House [1967] 251 p. 17 cm. Cover title: New world and its philosophy. UB97. 5. L46 68-135129
- LEVINE, DAVID C.**
The rift: the Sino-Soviet conflict, by David C. Levine. Jacksonville, Ill., Harris-Wolfe [1968] 217 p. 22 cm. DS740. 5. R8L4 67-30932
- LISITSKY, LAZAR MARKOVICH, 1890-1941.**
El Lisitsky; life, letters, texts [edited by] Sophie Lisitsky-Küppers. Introd. by Harbord Read. [Translated from the German by Helene Aldwinckle and Mary Whittall] Greenwich, Conn., New York Graphic Society [1968] 407 p. 28 cm. NB000. L5K813 68-12365

61-129700

- GOSSE, PETER.
Antennendiagramme. Jungo Leide vor dem 56.
Halle (Saale) Mitteldeutscher Verlag, 1967. 159 p.
19 cm. 68-135015
DK28, G63
- GRANDS CONTREURS RUSSES: Alexandre Pouchkine,
Nikolai Gogol, Michel Lermontov, Ivan Tourgueniev,
Léon Tolstol, Anton Tchekhov. Textes de présentation
de la princesse Zinaïda Schakovskoy. Paris, Gallier-
Languecau, 1968. 192 p. 24 cm. 68-137249
PG3287, G7
- GUENTHER, JOHANNES VON, 1886- comp.
Russische Erzähler von 1800 bis zur Gegenwart.
Eine Anthologie. Stuttgart, Reclam (1967). 664 p.
16 cm. 68-136051
PG3288, G8
- GUT, PHILIPPE.
La Révolution d'Octobre. [Textes de Philippe Gut.]
Berne, Para-Invest; [Paris,] Pac-sim, 1967. 1 v.
[unpaged] fascims. 28 x 30 cm. [Fac-sim no 2]
DK265, G05 68-132140
- HEIN, VICTOR, 1813-1890.
De roush Russenorum. Zur Charakteristik der
russischen Volkseele. Tagebuchblätter aus den
Jahren 1857-1873. Hrag. von Theodor Schenmann.
Neudruck der Ausg. 1892. Osnabrück, Zeller, 1968.
251 p. 23 cm. 68-133847
DK69, I38 1966
- HOFMANN, WERNER, 1922-
Stalinismus und Antikommunismus. Zur Soziologie
des Ost-West-Konflikts. (2., überarb. Aufl.)
[Frankfurt a. M.] Suhrkamp (1968). 165 p. 18 cm.
IX314, I16 1968 68-135005
- INTERNATIONAL LABOR OFFICE.
Progrès technique et main-d'œuvre dans une
économie planifiée. L'évolution dans les industries
mécaniques en U. R. S. S. d'après les publications
soviétiques. (Par Teli, Reyazov, du Groupe de
l'automatisme du Département de la recherche et de
la planification du D. I. T. Genève, 1966.) 1 v. 102 p.
24 cm. (Travail et automatisation, cahier no. 3)
HD6331, AUT7 no. 3 68-131111
- IUS'KOVICH, V. F.
Die polytechnische Bildung im Physikunterricht;
ein Handbuch für Lehrer [von] W. F. Juschkowitsch,
L. I. Resnikow [und] A. S. Jonochowitsch. Deutsche
Bearbeitung von Erich Fuchs [et al.]. Übersetzer:
Hermann Meyer. Berlin, Volk und Wissen, 1961.
214 p. 22 cm. Translation of Politechnicheskoe
obuchenie v predpavanih fiziki.
QC30, I 884 68-124512
- KNIOFF, CHRISTOPH HANS, Freiherr von, 1912-
Quell im Mittelalter. Moskau greift nach dem
Nahen und dem Mittleren Osten. [Von] Christoph von
Knioff. (Karten: Eckart Menz.) Freiburg (i. Br.)
Hombach (1968). 434 p. 21 cm. 68-133641
I583, 2, R8 14
- JENKNER, SIEGFRIED, 1930-
Arbeitsleistung, allseitige Entwicklung des Men-
schen und polytechnische Bildung; eine Untersuchung
des Wandels der ideologischen und institutionellen
Grundlagen des sowjetischen Erziehungswesens.
Braunschweig, G. Westermann (1968) 243 p. 23 cm.
(Beiträge zur vergleichenden Erziehungswissenschaft,
Bd. 4)
HX626, J4 68-133302
- KHAIMOVICH, E. M.
Ölhydraulik. Grundlagen und Anwendung. [Von]
E. M. Khaimowitsch. (Übersetzung aus dem Russi-
schen: K. Stubenrauch.) 7. Aufl. Berlin, Verlag
Technik (1967). 170 p. 26 cm. Translation of
Gidropribory i gidravlika stankov.
TJ1186, K615 1967 68-136375
- KURUSCHIEV, NIKITA SERGEEVICH, 1894-
Plan regional soviético; acerca de las cifras de
control del desarrollo de la economía de la URSS,
en los años 1950-1965 [por] N. S. Jruschow. [Santiago,
Chile, Tat. Graf. "Lautaro," 1950] 265 p. 10 cm.
Translation of O kontrol'nykh tsifrakh razvitiia narod-
nogo khoziaistva SSSR.
HC336, ZK638 68-134802
- KOMPANEETS, ALEKSANDR SOLOMONOVICH.
Was ist die Quantomechanik? Von A. S. Kompaneetz.
Übersetzung aus dem Russischen von Gerhard Hoppe.
Leipzig, Akademische Verlagsgesellschaft Geest &
Portig, 1967. 140 p. 10 cm. (Kleine naturwissen-
schaftliche Bibliothek, Reihe Physik, Bd. 8) Trans-
lation of Chto takoe kvantovaya mekhanika?
QC174, I, K6415 68-124573
- KOVALEV, SERGEI IVANOVICH.
Historia de Roma [por] S. I. Kovallov. [Traducción
de Marcelo Ravon] Buenos Aires, Editorial Futuro
(1964) 2 v. 23 cm. Translation of Historia Roma.
DG209, K6418 68-127883
- KOVALEV, ANATOLII PETROVICH.
Moscu, gula [por] A. Kovallov. Moscu, Ediciones
en Lengua Extranjera. 1957. 181 p. 11 cm. Illus. 17 cm.
Translation of Kraikii pitevoditel' po Moskve.
DK597, K618 68-126482
- KUZNETSOV, BORIS GRIGOR'EVICH, 1903-
Einsteîn, sa vie, sa pensée, ses théories [par]
B. Kuznetsov. [Traduit par Paul Krellstein.] Ver-
viers, Gérard et Cie, Paris, l'Inter, 1957. 340 p.
18 cm. (Mémoires université, 128) 68-131704
QC16, F5K814
- LA LUNGA STRADA DEL COMUNISMO. [Seriu di]
Italo Marzullino, Fortunato Pasqualino, Arturo
Colombino, ... Giorgio Paltori. Torino, S. E. I., 1968.
102 p. 19 cm. (Metodologi, 2) 68-123980
IX40, L37
- LANDAU, LEV DAVIDOVICH, 1908-
Elektrodynamik der Kontinua. Von L. D. Landau
[und] E. M. Lifschitz. In deutscher Sprache hrag.
von Gerhard Heber. (Übers. aus dem Russischen von
Georg Dauteriv [u. a.]) Mit 40 Abbildungen. Berlin,
Akademie-Verlag, 1967. x, 430 p. 25 cm. (Titel:
Lehrbuch der theoretischen Physik, Bd. 8) Trans-
lation of Elektrodinamika sploshnykh sred.
QC518, I, 315 68-124802
- LAZAREV, VIKTOR NIKITICH, 1907-
Storia della pittura bizantina [di] Viktor Lazarev.
Edizione italiana rielaborata e ampliata dall'autore.
Torino, G. Einaudi, 1967. xii, 497 p. 28 cm. (Bibliot-
eca di storia dell'arte, 7) Translation of istoria
vizantiskoi zhivopisi.
ND42, L316 68-136370
- LENIN, VLADIMIR IL'ICH, 1870-1924.
Aus den Schriften 1895-1923. [Von] Lenin. Hrag.
von Hermann Weber. (München) Deutscher Taschen-
buch-Verlag (1967). 338 p. 18 cm. 68-136008
DK254, L3A5884
- LEWANDOWSKI, BERT.
Die Rechenart der Auswandelieferverträge
zwischen den RGW-Ländern. Dargestellt am Beispiel
der zwischen Auswandelieferunternehmen der UdSSR
und der DDR abgeschlossenen Auswandelieferver-
träge. Neuminster, Plambeck (1967). 115 p. 24 cm.
Law 68-136006
- LUNTS, LAZAR' ADOL'FOVICH, 1902-
Internationaler Zivilprozess [von] L. A. Luntz.
[Übersetzung: Dietrich Maslov. Verantwortlich für
die Buchredaktion der deutschen Ausg.: Horst Wie-
mann] Berlin, Staatsverlag der Deutschen Demokrati-
schen Republik, 1968. 192 p. 25 cm. Translation of
Mozhurnarodnyi grazhdanski protsess.
JX660, I, 815 68-124368
- MAKARENKO, ANTON SEMENOVICH, 1888-1930.
Problèmes de l'éducation scolaire soviétique [par]
A. Makarenko. Moscou, Éditions du Progrès, [1968?] 264 p. 21 cm. Translation of Problemy skol'nogo
sovet'skogo vospitaniia.
LB776, M33964 1968 68-134476
- MARKO, KURT.
Evolution wider Willen. Die Sowjetidentologie zwi-
schen Orthodoxie und Revision. Graz, Wien, Köln,
Böhlau, 1968. 319 p. 24 cm. 68-133789
HX44, M335
- 1867 [i. e. MILLEOTTOCENTOSESSANTASETTE] /1967:
Un secolo di marxismo. Firenze, Vallecchi, 1967.
135 p. 18 cm. 68-137206
IX40, M523
- MOHL, MAX.
Tot, tot, tot, Towaritschsch; Nelson und Reflexio-
nen in der Sowjetunion. [Göttersloh] Bertoldmann
Sachbuchverlag [1968] 309 p. 24 cm. 68-137483
DK28, M593
- ONASCH, KONRAD.
Grundzüge der russischen Kirchengeschichte.
Göttingen, Vandenhoeck & Ruprecht [1967] 133 p.
26 cm. 68-130164
BX405, O5
- PECHERSKII, NIKOLAI PAVLOVICH.
Genka baut ab. [Von] Nikolai Pecherskii.
den Russischen übertragen von A. B. ...
Mosk.: Ernst Jazizewskii. Sturzbach (1987). 266 p. 21 cm. Translation of ...
pervyi zhilet' Bratska.
PZ33, P38
- PUSHKIN, ALEKSANDR SERGEEVICH.
Gesammelte Werke. Hrag. von ...
[i. Aufl.] Berlin, Aufbau-Verlag, ...
Dd. I, Göttingen, 1968.
PG3348, G5A1
- SALISCHIEV, KONSTANTIN ALEKSEEVICH.
Einführung in die Kartographie. ...
A. Salischiev. Übers. von H. ...
zlg. VEB Hermann Haack, [1967]. x, 24 ...
Revised translation of Osnovy kartografii.
GA105, S25315
- SCHALANOV, WARLAM.
"Artikel 58 (i. e. nichtunfälligkeit) ...
gen des Häufungs Schalkow [von] ...
[Köln] F. Middellmann [1967] ...
HVB804, R8S315
- SCHULZE, ALMUT.
Tjulevsa Kurzlyrh; Tradition ...
Interpretationen. München, W. ...
23 cm. Forum Slavica, Bd. 251
PG3361, T5280 1968
- SINTAVSKI, ANDREI DONAT'EVICH.
Gedanken hinter Gittern. [Von] ...
Übers. von H. ...
Zsolnay (1968). 100 p. 21 cm. ...
vrasplaki.
PG3176, S530M915
- SUGENHEIM, SAMUEL, 1811-1877.
Geschichte der Aufklärung der ...
Hörigkeit in Europa bis zum ...
hundert. Neudruck der Ausg. ...
Anten, Scientia Verlag, 1968. ...
H7751, S8 1966
- TANSKY, MORIKI.
Quatre siècles de politique ...
Éditions Collet, 1968. 250 p. ...
HV224, T34
- TSVETAeva, MARINA IVANOVNA.
Godishio [von] Marina Tsvetaeva ...
aschen von Christa Reimig. Berlin ...
[1968] 80 p. 22 cm.
PG3470, T55A17
- TUCKER, ROBERT C.
La Politique soviétique, ...
politique stalinienne et post-stalinienne ...
Robert C. Tucker ... Traité de la ...
Mme M. Malgouyrol. Paris, Payot, 1967. ...
23 cm. Translation of The Soviet ...
DK274, T814
- ULDRICHT, WALTER.
Der rote Oktober legte den ...
der ganzen Menschheit. Berlin ...
Jahrestages der grossen ...
revolution. Berlin, Dietz, 1967. ...
DK265, O, 15 U1
- VEYRENC, CHARLES JACQUES.
Grammaire du russe ... Paris ...
infos de Franco, 1960. 120 p. ...
PG212, V4
- VOGT, HELGER OLEG.
Grund- und Aufbauvorlesung ...
Klein (1967). 328 p. 10 cm.
PG212, V0
- WAS SOWJETURÖER VON UNS ...
Persönlichkeiten des öffentlichen Lebens ...
Gerasimov [u. a.] berichten von ...
und Erfahrungen in der Bundesrepublik ...
Frankfurt a. M., Stimme-Verlag ...
21 cm.
DD126, R3W3

A4

